

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
AT	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
AT	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
AT	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
AT	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	E224032	2020-Dec-01	Yes
AT	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	1176362	2020-Dec-01	Yes
AT	2001-Jan-08	01907413.7			2006-Jun-14	E330448	2021-Jan-08	
AT	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	E548887	2021-Apr-24	
AT	2001-Apr-24	03028671.0			2010-Apr-14	E 464771	2021-Apr-24	
AT	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	E253314	2021-Aug-31	Yes
AT	2001-Oct-25	01997118.3			2009-Jun-17	E434152	2021-Oct-25	
AT	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-20	Yes
AT	2002-Jun-21	02738518.6			2008-Dec-10	E 417490	2022-Jun-21	
AT	2002-Jul-18	02751538.6			2006-May-17	E 326826	2022-Jul-18	
AT	2002-Jul-18	02751537.8			2006-May-24	E327654	2022-Jul-18	
AT	2003-Aug-28	03791823.2			2010-Jan-13	E455451	2023-Aug-28	
AT	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
AT	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
AT	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
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AT	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
AT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
AT	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
AT	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
AT	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
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AT	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
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AT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
AT	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	E 514958	2026-Dec-13	
AT	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
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AT	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124	2027-May-31	Yes
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AT	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
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AT	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
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AT	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
AT	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792		Yes
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AU	1998-Aug-26	92060/98			2003-May-22	757000	2018-Aug-26	
AU	1998-Aug-26	2006202217			2009-Jan-22	2006202217	2018-Aug-26	

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AU	1998-Dec-17	2007216901			2008-Oct-30	2007216901	2018-Dec-17	
AU	1998-Dec-17	2004200183			2007-Oct-04	2004200183	2018-Dec-17	
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AU	2004-Jul-21	2007219309	2007-Oct-18	AU2007219309	2008-Aug-07	2007219309	2024-Jul-21	Yes
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AU	2007-Feb-26	2011254053	2012-Oct-11		2013-Jan-24	2011254053	2027-Feb-26	Yes
AU	2007-Feb-26	2007221100	2007-Sep-07	WO/2007/100837	2012-Jan-05	2007221100	2027-Feb-26	Yes
AU	2007-Feb-26	2012268832			2016-Mar-23	2012268832	2027-Feb-26	Yes
AU	2008-May-19	2012203641	2014-May-29	WO 2008/144672	2014-Sep-11	2012203641	2028-May-19	Yes
AU	2008-May-19	2014218357	2014-May-29	WO 2008/144672	2016-Aug-25	2014218357	2028-May-19	Yes
AU	2011-Apr-21	2011242592			2015-May-07	2011242592	2031-Apr-21	Yes
AU	2011-Jul-06	2011203321			2014-Mar-27	2011203321	2031-Jul-06	Yes
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BE	2005-Sep-19	18184893.8	2019-Jan-16	EP 3428506	2020-Apr-15	3428506	2025-Sep-19	
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BE	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
BE	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
BE	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
BE	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
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BE	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
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BE	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
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BE	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
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BE	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
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BE	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
BE	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
BE	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
BE	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
BE	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
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BE	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes

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BE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
BE	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
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CA	2004-Jul-21	2539968	2005-May-06	WO2005/041254	2009-Jun-02	2539968	2024-Jul-21	Yes
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CA	2005-Jan-28	2554863	2005-Aug-11	CA 2554863	2012-Jul-10	2554863	2025-Jan-28	
CA	2005-Feb-28	2557447	2005-Sep-09	CA 2557447	2012-Dec-18	2557447	2025-Feb-28	Yes
CA	2005-Mar-14	2559718			2012-May-22	2559718	2025-Mar-14	
CA	2005-Mar-14	2730210			2015-May-05	2730210	2025-Mar-14	
CA	2005-Jun-23	2572335	2006-Jan-12	CA 2572335	2014-Feb-04	2572335	2025-Jun-23	
CA	2005-Jul-29	2576099	2006-Feb-09	CA 2576099	2015-Feb-10	2576099	2025-Jul-29	
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CA	2005-Sep-29	2521973	2006-Mar-29	CA 2521973	2013-Dec-10	2521973	2025-Sep-29	
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CA	2005-Nov-23	2589207	2006-Jun-01	CA 2589207	2014-Jan-28	2589207	2025-Nov-23	
CA	2005-Dec-20	2591205			2015-Feb-17	2591205	2025-Dec-20	
CA	2006-Jan-05	2606687	2006-Jul-13	CA 2606687	2015-Aug-11	2,606,687	2026-Jan-05	
CA	2006-May-08	2642028			2013-Dec-10	2,642,028	2026-May-08	
CA	2006-May-19	2616007	2006-Nov-23	CA 2616007	2018-Feb-27	2616007	2026-May-19	
CA	2006-May-23	2609531			2014-Sep-02	2609531	2026-May-23	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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CA	2007-Jan-03	2640567			2015-May-21	2640567	2027-Jan-03	
CA	2007-Feb-26	2787769			2015-Jun-30	2787769	2027-Feb-26	Yes
CA	2007-Feb-26	2641832	2007-Sep-07	WO/2007/100837	2012-Oct-23	2641832	2027-Feb-26	Yes
CA	2007-Mar-08	2643105			2014-Apr-29	2643105	2027-Mar-08	
CA	2007-Dec-11	2,708,980			2015-May-05	2,708,980	2027-Dec-11	
CA	2007-Dec-11	2708978			2016-Mar-15	2708978	2027-Dec-11	
CA	2008-Feb-27	2623139			2011-May-03	2623139	2028-Feb-27	Yes
CA	2008-May-19	2684214	2008-Nov-27	WO 2008/144672	2012-Apr-17	2684214	2028-May-19	Yes
CA	2008-Sep-22	2700376	2009-Mar-26	WO 2009/039491	2015-Jul-21	2700376	2028-Sep-22	Yes
CA	2009-May-20	2726151			2016-Nov-22	2,726,151	2029-May-20	Yes
CA	2009-Jun-12	2727258			2017-Jan-10	2727258	2029-Jun-12	Yes
CA	2010-Jan-26	2691018			2017-Jun-06	2691018	2030-Jan-26	Yes
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CA	2010-Mar-15	2756241			2019-Oct-22	2756241	2030-Mar-15	Yes
CA	2010-Mar-31	2758018			2017-Jul-04	2758018	2030-Mar-31	Yes
CA	2010-Apr-01	2759460			2017-Aug-29	2759460	2030-Apr-01	Yes
CA	2010-Apr-01	2962217			2019-Mar-12	2962217	2030-Apr-01	Yes
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CA	2010-Jun-09	2765596	2017-Mar-28	CA 2765596	2017-Mar-28	2765596	2030-Jun-09	Yes
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CA	2010-Oct-26	CA2718819	2011-Apr-26	CA2718819A1	2019-Feb-26	2718819	2030-Oct-26	Yes
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CA	2014-Apr-04	2848295			2021-May-04	2848295	2034-Apr-04	Yes
CA	2014-Apr-04	2848297			2021-Jan-12	2848297	2034-Apr-04	Yes
CH	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
CH	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
CH	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
CH	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	1176362	2020-Dec-01	Yes
CH	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
CH	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
CH	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
CH	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
CH	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
CH	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
CH	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
CH	2005-Sep-19	14162998.0	2014-Oct-15	EP 2789894	2018-Dec-12	2789894	2025-Sep-19	
CH	2005-Sep-19	18184893.8	2019-Jan-16	EP 3428506	2020-Apr-15	3428506	2025-Sep-19	
CH	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
CH	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
CH	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
CH	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
CH	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
CH	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
CH	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
CH	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
CH	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
CH	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
CH	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
CH	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
CH	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
CH	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
CH	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
CH	2008-May-01	14195242.4	2015-Apr-22	EP 2863104	2019-Jul-10	2863104	2028-May-01	
CH	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
CH	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
CH	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
CH	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
CH	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
CH	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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CH	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
CH	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
CH	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
CH	2012-Mar-12	12710360.4	2014-Jan-22	EP 2687065	2019-Jan-02	2687065	2032-Mar-12	Yes
CH	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
CH	2012-Aug-02	12772433.4	2014-Jun-25	EP 2745621	2020-Oct-21	2745621	2032-Aug-02	Yes
CH	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
CH	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes
CH	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
CH	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
CH	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
CH	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-28	Yes
CH	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
CH	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
CH	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792	2037-Dec-18	Yes
CN	1997-Aug-08	97191154.1	1998-Nov-18	CN 1199524	2003-Aug-27	97191154.1	2017-Aug-08	
CN	1997-Sep-08	97191438.9	1999-Jan-13	CN 1205069	2003-Apr-16	97191438.9	2017-Sep-08	
CN	1998-Jan-22	98800051.2	1999-May-05	CN 1216094	2003-Apr-30	98800051.2	2018-Jan-22	
CN	1998-Mar-23	98800760.6	1999-Sep-08	CN 1228244	2004-Aug-04	98800760.6	2018-Mar-23	Yes
CN	1998-Jul-16	98801403.3	2000-Jan-12	CN 1241349	2005-Mar-09	98801403.3	2018-Jul-16	
CN	1998-Jul-16	98801402.5	2000-Jan-12	CN 1241348	2004-Feb-18	98801402.5	2018-Jul-16	
CN	1998-Jul-27	98801404.1	2000-Jan-12	CN 1241350	2004-Mar-24	98801404.1	2018-Jul-27	
CN	1999-Jun-17	99801067.7	2000-Nov-15	CN 1273759	2006-Nov-29	99801067.7	2019-Jun-17	
CN	1999-Sep-08	99802434.1	2001-Mar-28	CN 1289397	2003-Oct-15	99802434.1	2019-Sep-08	
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CN	1999-Sep-17	99802435.X	2001-Mar-28	CN 1289454	2005-Nov-16	99802435.X	2019-Sep-17	
CN	2000-Mar-10	00801002.1	2001-Aug-29	CN 1310790	2005-Mar-09	00801002.1	2020-Mar-10	Yes
CN	2000-Apr-06	00800634.2	2001-Jul-04	CN 1302457	2004-Oct-13	00800634.2	2020-Apr-06	Yes
CN	2000-Jun-21	00801188.5	2001-Sep-26	CN 1315010			2020-Jun-21	Yes
CN	2000-Jun-22	00801180.X	2001-Sep-26	CN 1314981	2003-Dec-10	00801180.X	2020-Jun-22	Yes
CN	2000-Jul-03	00801240.7	2001-Oct-03	CN 1316174	2007-May-30	00801240.7	2020-Jul-03	
CN	2000-Sep-15	00802081.7	2001-Nov-14	CN 1322456	2006-Feb-08	00802081.7	2020-Sep-15	
CN	2000-Oct-10	00802488.X	2002-Feb-13	CN 1336092	2004-Dec-01	00802488.X	2020-Oct-10	
CN	2000-Oct-12	00804517.8	2002-Mar-27	CN 1342387	2005-Feb-09	00804517.8	2020-Oct-12	
CN	2000-Oct-12	00804516.X	2002-Mar-27	CN 1342388	2006-Mar-29	00804516.X	2020-Oct-12	
CN	2000-Nov-17	00803336.6	2002-Jun-26	CN 1355936	2005-Nov-16	00803336.6	2020-Nov-17	
CN	2000-Dec-14	00807271.X	2002-May-22	CN 1350683	2006-Apr-19	00807271.X	2020-Dec-14	Yes
CN	2000-Dec-18	00804656.5	2002-Apr-03	CN 1343289	2006-Nov-22	00804656.5	2020-Dec-18	
CN	2001-Jan-08	01800162.9	2002-Aug-07	CN 1363198	2005-May-11	01800162.9	2021-Jan-08	
CN	2001-Aug-19	01135741.X	2002-Mar-13	CN 1339664	2005-Jul-20	01135741.X	2021-Aug-19	
CN	2001-Sep-05	01802758.X	2003-Jan-22	CN 1393118	2006-Aug-09	01802758.X	2021-Sep-05	
CN	2001-Nov-09	01806195.8	2003-Aug-13	CN 1436438	2007-May-30	01806195.8	2021-Nov-09	
CN	2001-Nov-26	01805486.2			2007-Aug-01	1330006	2021-Nov-26	Yes
CN	2001-Dec-03	01807029.9	2003-May-21	CN 1419797	2007-May-30	01807029.9	2021-Dec-03	
CN	2001-Dec-06	01805345.9	2003-Mar-19	CN 1404564	2005-Jun-29	01805345.9	2021-Dec-06	Yes
CN	2001-Dec-12	01805639.3	2003-Mar-26	CN 1406450	2008-Jun-04	01805639.3	2021-Dec-12	
CN	2002-Jan-19	02106469.5	2002-Sep-25	CN 1370950	2006-Apr-12	02106469.5	2022-Jan-19	Yes
CN	2002-Mar-14	02800705.0	2003-Nov-26	CN 1459216	2008-Feb-06	02800705.0	2022-Mar-14	
CN	2002-Mar-19	02800893.6	2003-Dec-03	CN 1460393	2009-May-20	02800893.6	2022-Mar-19	
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CN	2002-Jun-21	02813396.X	2004-Aug-18	CN 1522555	2008-Jun-04	02813396.X	2022-Jun-21	
CN	2002-Jul-23	02802991.7	2005-Jul-06	CN 1636280	2008-Apr-23	02802991.7	2022-Jul-23	
CN	2002-Aug-09	02815923.3	2004-Oct-27	CN 1541503	2008-Nov-05	02815923.3	2022-Aug-09	
CN	2002-Sep-30	02819551.5	2005-Jan-12	CN 1565147	2008-Jul-16	02819551.5	2022-Sep-30	
CN	2002-Nov-15	02824219.X	2005-Mar-23	CN 1600047	2008-Dec-24	02824219.X	2022-Nov-15	
CN	2002-Dec-18	02825834.7	2005-Apr-13	CN 1606766	2008-Nov-19	02825834.7	2022-Dec-18	
CN	2002-Dec-20	02826433.9	2006-Apr-05	CN 1757267	2010-Jan-27	02826433.9	2022-Dec-20	
CN	2003-Feb-06	03803878.1	2005-Jun-29	CN 1633827	2009-Apr-08	03803878.1	2023-Feb-06	
CN	2003-Jun-12	200910165991.8	2010-Jul-14	CN 101776220	2012-Apr-11	ZL200910165991.8	2023-Jun-12	
CN	2003-Jun-12	03814939.7	2005-Aug-31	CN 1663323	2010-Jun-23	03814939.7	2023-Jun-12	
CN	2003-Sep-03	03821149.1	2005-Oct-12	CN 1682067			2023-Sep-03	Yes
CN	2003-Nov-11	200380104180.8	2006-Jan-04	CN 1717958	2008-Dec-03	200380104180.8	2023-Nov-11	
CN	2003-Dec-11	200380106654.2	2006-Feb-01	CN 1729722	2010-Jun-09	200380106654.2	2023-Dec-11	
CN	2003-Dec-11	200380106660.8	2006-Mar-08	CN 1745603	2009-Nov-04	200380106660.8	2023-Dec-11	
CN	2003-Dec-18	200380107539.7	2006-Feb-08	CN 1732717	2009-May-27	200380107539.7	2023-Dec-18	
CN	2004-Apr-21	201210470710.1	2013-Apr-03	CN 103017017	2019-May-14	201210470710.1	2024-Apr-21	
CN	2004-Apr-22	200480012275.1	2006-Jun-07	CN 1784931	2014-Jun-18	200480012275.1	2024-Apr-22	
CN	2004-Apr-22	200480012309.7	2006-Jun-07	CN 1784932	2011-Sep-28	200480012309.7	2024-Apr-22	
CN	2004-Apr-30	200480012040.2	2006-Jun-07	CN 1784930	2009-Aug-19	200480012040.2	2024-Apr-30	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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CN	2004-Jun-10	200480016172.2	2004-Dec-23	CN1806145	2010-Jun-23	200480016172.2	2024-Jun-10	Yes
CN	2004-Jul-21	200480027554.5	2006-Nov-01	CN 1857034	2009-Sep-23	200480027554.5	2024-Jul-21	
CN	2004-Sep-01	200480025386.6	2006-Oct-11	CN 1846459	2009-Sep-09	200480025386.6	2024-Sep-01	
CN	2004-Sep-07	200480025822.X	2006-Oct-18	CN 1849707	2008-Sep-03	200480025822.X	2024-Sep-07	
CN	2004-Sep-21	200480027802.6	2006-Nov-01	CN 1856815	2009-Apr-29	200480027802.6	2024-Sep-21	
CN	2004-Nov-05	200480033302.3	2006-Dec-13	CN 1879453	2010-Jun-23	200480033302.3	2024-Nov-05	
CN	2005-Mar-23	200580011303.2	2007-Apr-04	CN 1942701	2010-May-05	200580011303.2	2025-Mar-23	
CN	2005-Apr-27	200580014515.6	2007-Apr-18	CN 1951157	2011-Feb-02	200580014515.6	2025-Apr-27	
CN	2005-May-02	200580014299.5	2007-Apr-18	CN 1950791	2009-Sep-09	200580014299.5	2025-May-02	
CN	2005-Jun-03	200580018028.7	2007-May-09	CN 1961614	2009-Oct-14	200580018028.7	2025-Jun-03	
CN	2005-Jun-23	201210567962.6	2013-May-15	CN 103104837			2025-Jun-23	
CN	2005-Jun-23	200580028760.2	2007-Aug-01	CN 101010649	2013-Oct-30	200580028760.2	2025-Jun-23	
CN	2005-Jun-23	200580021892.2	2007-Jun-06	CN 1977125			2025-Jun-23	
CN	2005-Jun-28	201110041331.6	2011-May-18	CN 102065618			2025-Jun-28	
CN	2005-Jul-14	200580024425.5	2007-Jun-27	CN 1989792	2013-Sep-11	200580024425.5	2025-Jul-14	
CN	2005-Aug-02	200580026660.6	2007-Jul-04	CN 1993840	2009-Aug-19	200580026660.6	2025-Aug-02	Yes
CN	2005-Aug-02	200580026646.6	2007-Jul-04	CN 1993581	2009-Jul-08	200580026646.6	2025-Aug-02	Yes
CN	2005-Aug-02	200580026656.X	2007-Jul-04	CN 1993826	2010-Jun-23	200580026656.X	2025-Aug-02	
CN	2005-Aug-18	200580032526.7	2007-Aug-29	CN 101027794	2009-Dec-02	200580032526.7	2025-Aug-18	
CN	2005-Sep-12	200580031647.X	2007-Aug-22	CN 101023296	2010-Jan-27	200580031647.X	2025-Sep-12	Yes
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CN	2005-Sep-20	200580033788.5	2007-Sep-12	CN 101036106	2010-Jun-02	200580033788.5	2025-Sep-20	
CN	2005-Oct-12	200580040566.6	2008-Feb-20	CN 101128979	2011-Oct-19	200580040566.6	2025-Oct-12	
CN	2005-Oct-17	200580036314.6	2007-Oct-03	CN 101049047	2009-Aug-19	200580036314.6	2025-Oct-17	
CN	2005-Oct-26	200580037105.3	2007-Oct-03	CN 101049048	2009-Oct-14	200580037105.3	2025-Oct-26	
CN	2005-Nov-09	200580039474.6	2007-Oct-31	CN 101065850	2009-Jan-07	200580039474.6	2025-Nov-09	
CN	2005-Nov-24	200580040875.3	2007-Oct-31	CN 101065997	2013-Jan-30	200580040875.3	2025-Nov-24	
CN	2005-Nov-28	200580041872.1	2007-Nov-14	CN 101073155	2010-Sep-29	200580041872.1	2025-Nov-28	Yes
CN	2005-Dec-02	200580043765.2	2008-Jan-16	CN 101107885	2011-Oct-12	200580043765.2	2025-Dec-02	
CN	2006-Apr-03	200680019064.X	2008-Jul-23	CN 101228393	2010-Nov-10	200680019064.X	2026-Apr-03	
CN	2006-Apr-19	200680014386.5	2008-Apr-23	CN 101167408	2009-Sep-23	200680014386.5	2026-Apr-19	
CN	2006-May-10	200680017903.4	2008-May-14	CN 101180563	2009-Oct-28	200680017903.4	2026-May-10	
CN	2006-May-11	200680018430.X	2008-May-21	CN 101185375	2010-Jun-16	200680018430.X	2026-May-11	
CN	2006-May-24	200680017970.6	2008-May-14	CN 101180921	2009-Oct-14	200680017970.6	2026-May-24	
CN	2006-Jul-05	200680025524.X	2008-Jul-16	CN 1012223823	2010-May-19	200680025524.X	2026-Jul-05	
CN	2006-Aug-22	200680031269.X	2008-Aug-27	CN 101253813	2010-Dec-08	200680031269.X	2026-Aug-22	Yes
CN	2006-Sep-15	200680036031.6	2008-Oct-01	CN 101278397	2009-Dec-02	200680036031.6	2026-Sep-15	Yes
CN	2006-Sep-25	200680035831.6	2009-Oct-07	CN 101554087	2013-Oct-23	200680035831.6	2026-Sep-25	
CN	2006-Oct-02	200680036937.8	2008-Oct-01	CN 101278469	2012-Nov-14	200680036937.8	2026-Oct-02	
CN	2006-Oct-11	200680037992.9	2008-Nov-05	CN 101300616	2010-May-19	200680037992.9	2026-Oct-11	Yes
CN	2006-Oct-16	200680039894.9			2010-Jun-09	200680039894.9	2026-Oct-16	Yes
CN	2006-Nov-07	200680041863.7	2008-Nov-12	CN 101305242	2013-Apr-03	200680041863.7	2026-Nov-07	
CN	2006-Nov-13	200680042799.4	2008-Nov-19	CN 101310142	2013-Jan-02	200680042799.4	2026-Nov-13	
CN	2006-Nov-20	200680043725.2	2008-Nov-26	CN 101313171	2010-May-19	200680043725.2	2026-Nov-20	
CN	2006-Dec-05	200680047013.8	2008-Dec-24	CN 101331356	2012-Apr-25	200680047013.8	2026-Dec-05	Yes
CN	2006-Dec-06	200680046928.7	2008-Dec-24	CN 101331802	2016-Oct-12	200680046928.7	2026-Dec-06	
CN	2006-Dec-11	200680046620.2	2008-Dec-17	CN 101326399	2011-Apr-20	200680046620.2	2026-Dec-11	
CN	2006-Dec-12	200680046872.5	2008-Dec-24	CN 101331796	2012-Apr-11	200680046872.5	2026-Dec-12	Yes
CN	2006-Dec-13	200680048780.0	2009-Jan-14	CN 101346639	2012-Jun-20	200680048780.0	2026-Dec-13	
CN	2007-Jan-26	200780004173.9	2009-Mar-04	CN 101379879	2011-Aug-17	200780004173.9	2027-Jan-26	
CN	2007-Feb-26	201110072711.6	2011-Nov-23	CN102252222	2014-Apr-02	201110072711.6	2027-Feb-26	Yes
CN	2007-Feb-26	201410081213.1	2011-Nov-23	CN102252222	2017-Mar-01	201410081213.1	2027-Feb-26	Yes
CN	2007-Mar-02	200780008173.6	2009-Mar-25	CN 101395791	2012-Jul-04	200780008173.6	2027-Mar-02	
CN	2007-Mar-08	200780009376.7	2009-Apr-08	CN 101405538	2010-Oct-06	200780009376.7	2027-Mar-08	
CN	2007-Apr-20	200780016059.8	2009-May-20	CN 101438625	2011-Sep-07	200780016059.8	2027-Apr-20	
CN	2007-May-02	200780017134.2	2009-May-27	CN 101444144	2013-Nov-06	200780017134.2	2027-May-02	
CN	2007-May-31	200780020490.X	2009-Jun-17	CN 101461287			2027-May-31	Yes
CN	2007-Jun-19	200780024585.9	2009-Jul-08	CN 101479995	2012-Aug-08	200780024585.9	2027-Jun-19	
CN	2007-Jun-20	200780024786.9	2009-Jul-15	CN 101485235	2012-Dec-26	200780024786.9	2027-Jun-20	
CN	2007-Jul-05	200780029567.X	2009-Aug-05	CN 101501392	2011-Nov-30	200780029567.X	2027-Jul-05	
CN	2007-Aug-09	200780049308.3	2010-Feb-17	CN 101653041	2013-Oct-23	200780049308.3	2027-Aug-09	
CN	2007-Aug-17	200780030549.3	2009-Aug-12	CN 101506574	2012-Dec-05	200780030549.3	2027-Aug-17	
CN	2007-Aug-22	200780031358.9	2009-Aug-12	CN 101507363	2012-Dec-26	200780031358.9	2027-Aug-22	
CN	2007-Sep-03	200780033950.2	2009-Aug-26	CN 101518153			2027-Sep-03	
CN	2007-Sep-18	200780036117.3	2009-Nov-11	CN 101578704	2012-Jul-18	200780036117.3	2027-Sep-18	
CN	2007-Sep-20	200780037138.7	2009-Sep-02	CN 101523981			2027-Sep-20	
CN	2007-Sep-20	200780037394.6	2009-Sep-02	CN 101523982	2012-Mar-14	200780037394.6	2027-Sep-20	
CN	2007-Sep-20	201610287271.9	2016-Sep-07	CN 105934050	2019-Jul-05	201610287271.9	2027-Sep-20	
CN	2007-Sep-20	200780035025.3	2009-Sep-30	CN 101548583			2027-Sep-20	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
CN	2007-Oct-11	200780038644.8	2009-Sep-09	CN 101529290	2012-Jul-18	200780038644.8	2027-Oct-11	
CN	2007-Oct-12	200780038530.3	2009-Sep-09	CN 101529157	2011-Apr-06	200780038530.3	2027-Oct-12	Yes
CN	2007-Oct-19	200780038990.6	2009-Nov-25	CN 101589650	2017-Apr-12	200780038990.6	2027-Oct-19	
CN	2007-Oct-31	200780040671.9	2009-Sep-16	CN 101536606	2012-Aug-08	200780040671.9	2027-Oct-31	
CN	2007-Nov-06	200780041864.6	2009-Sep-16	CN 101536607	2012-Sep-19	ZL200780041864.6	2027-Nov-06	
CN	2007-Nov-08	200780042537.2	2009-Sep-16	CN 101536610	2013-May-01	200780042537.2	2027-Nov-08	Yes
CN	2007-Nov-09	200780041888.1	2009-Dec-30	CN 101617565	2011-Nov-02	200780041888.1	2027-Nov-09	
CN	2007-Nov-27	200780043933.7	2010-Jan-13	CN 101627253	2011-May-18	200780043933.7	2027-Nov-27	
CN	2007-Nov-27	200780043734.6	2009-Oct-14	CN 101558588			2027-Nov-27	
CN	2007-Dec-07	200780045408.9	2009-Oct-07	CN 101554094	2013-Dec-04	200780045408.9	2027-Dec-07	
CN	2007-Dec-10	200780046279.5	2009-Oct-14	CN 101558439			2027-Dec-10	
CN	2007-Dec-11	20078004558.8	2009-Oct-28	CN 101569239			2027-Dec-11	
CN	2007-Dec-11	200780045801.8	2009-Oct-14	CN 101558686	2013-Oct-09	200780045801.8	2027-Dec-11	
CN	2007-Dec-12	200780046075.1	2009-Oct-14	CN 101558688			2027-Dec-12	
CN	2007-Dec-17	200780047557.9			2012-Nov-07	200780047557.9	2027-Dec-17	Yes
CN	2008-Mar-12	201310120809.3			2015-Sep-02	201310120809.3	2029-Sep-14	Yes
CN	2008-Mar-12	200880008301.1			2016-Sep-28	200880008301.1	2029-Sep-14	Yes
CN	2008-Mar-12	201610671816.6	2017-Jan-04	CN 106304474	2018-Oct-30	201610671816.6	2028-Mar-12	Yes
CN	2008-Mar-12	200880008121.3			2013-Apr-10	200880008121.3	2028-Mar-12	Yes
CN	2008-Mar-19	201510150446.7	2015-Jul-15	CN 104776409	2018-Nov-23	201510150446.7	2028-Mar-19	
CN	2008-Mar-19	200880009845.X	2010-Feb-03	CN 101641549			2028-Mar-19	
CN	2008-Mar-31	200880011084.1	2010-Mar-03	CN 101663919	2013-Jul-24	200880011084.1	2028-Mar-31	
CN	2008-Apr-04	200880011268.8	2010-Feb-24	CN 101657678	2014-Feb-26	200880011268.8	2028-Apr-04	
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CN	2008-Apr-11	200880012508.6	2010-Mar-03	CN 101663769	2013-Feb-06	200880012508.6	2028-Apr-11	Yes
CN	2008-Apr-21	200880013685.6	2010-Mar-10	CN 101669404	2012-Mar-28	ZL200880013685.6	2028-Apr-21	
CN	2008-Apr-23	200880013851.2	2010-Mar-10	CN 101669405	2012-Jun-13	200880013851.2	2028-Apr-23	
CN	2008-Apr-28	200880014646.8	2010-Mar-17	CN 101675712	2015-Nov-25	200880014646.8	2028-Apr-28	
CN	2008-May-01	200880014392.X	2010-Mar-17	CN 101675288			2028-May-01	
CN	2008-May-01	201510394253.6	2016-Mar-23	105423169-A	2018-Feb-23	201510394253.6	2028-May-01	
CN	2008-May-02	200880014787.X	2010-Mar-17	CN 101675290	2012-Dec-26	200880014787.X	2028-May-02	
CN	2008-May-02	200880021634.8	2010-Mar-31	CN 101688652	2012-May-30	200880021634.8	2028-May-02	
CN	2008-May-05	200880015503.9	2010-Mar-24	CN 101681050			2028-May-05	Yes
CN	2008-May-19	200880016872.X	2008-Nov-27	WO 2008/144672	2014-Dec-03	200880016872.X	2028-May-19	Yes
CN	2008-May-26	200880018327.4	2010-Mar-24	CN 101681059	2014-Mar-05	200880018327.4	2028-May-26	Yes
CN	2008-May-30	200880019098.8	2010-Mar-24	CN 101681598	2012-Nov-14	200880019098.8	2028-May-30	
CN	2008-Jun-23	200880022375.0	2010-Mar-31	CN 101690396	2012-Dec-26	200880022375.0	2028-Jun-23	
CN	2008-Jun-30	200880023350.2	2010-Mar-31	CN 101690397	2012-Jul-18	200880023350.2	2028-Jun-30	
CN	2008-Jul-21	200880100067.5	2010-Jun-23	CN 101755483	2012-May-30	200880100067.5	2028-Jul-21	
CN	2008-Aug-14	200880103749.1	2010-Jul-21	CN 101785362	2013-Mar-27	200880103749.1	2028-Aug-14	
CN	2008-Aug-23	200880104017.4			2015-Sep-09	ZL200880104017.4	2028-Aug-23	Yes
CN	2008-Sep-16	200880108802.7	2010-Aug-18	CN 101809366	2013-Jan-02	200880108802.7	2028-Sep-16	Yes
CN	2008-Sep-22	200880112539.9	2009-Mar-26	WO 2009/039491	2014-Nov-05	200880112539.9	2028-Sep-22	Yes
CN	2008-Sep-25	200810149743.X	2010-Mar-31	CN 101686587 A	2015-Jan-28	200810149743.X	2028-Sep-25	Yes
CN	2008-Oct-08	200880110804.X	2011-Aug-10	CN 102149960	2014-May-07	200880110804.X	2028-Oct-08	
CN	2008-Nov-24	200880118159.6	2010-Nov-03	CN 101878673	2014-Feb-12	200880118159.6	2028-Nov-24	
CN	2008-Dec-02	200880119151.1	2010-Nov-17	CN 101889476	2012-Jul-18	200880119151.1	2028-Dec-02	
CN	2008-Dec-16	200880121633.0	2010-Dec-01	CN 101903825			2028-Dec-16	
CN	2008-Dec-22	200880122363.5	2010-Dec-08	CN 101910721	2013-Sep-25	200880122363.5	2028-Dec-22	
CN	2008-Dec-29	200880127692.9	2011-Jan-26	CN 101960921	2014-Jan-08	200880127692.9	2028-Dec-29	
CN	2009-Apr-03	200980121068.2	2011-May-11	CN 102057752	2016-Jun-08	200980121068.2	2029-Apr-03	
CN	2009-May-20	200980120114.7	2011-May-04	CN 102047156	2014-Mar-26	200980120114.7	2029-May-20	Yes
CN	2009-Jun-12	201610862598.4	2017-Aug-04	CN 107013826				Yes
CN	2009-Jun-12	200980122021.8	2011-Jul-20	102132088			2029-Jun-12	Yes
CN	2009-Jul-10	200980126642.3	2011-Jun-08	CN 102089578	2016-May-11	200980126642.3	2029-Jul-10	Yes
CN	2009-Jul-22	200980129902.2	2011-Jun-29	CN 102113410	2013-Nov-06	200980129902.2	2029-Jul-22	
CN	2009-Jul-22	200980129904.1	2011-Jun-29	CN 102113411	2015-May-20	200980129904.1	2029-Jul-22	
CN	2009-Aug-13	200980140502.1	2010-Feb-18	WO2010-019810	2016-Oct-26	200980140502.1	2029-Aug-13	Yes
CN	2009-Aug-24	200980134929.0	2011-Aug-24	CN 102144430	2016-Sep-07	200980134929.0	2029-Aug-24	Yes
CN	2009-Sep-04	200980135588.9	2011-Aug-10	CN 102149966	2014-Mar-12	200980135588.9	2029-Sep-04	Yes
CN	2009-Oct-02	200980140113.9	2011-Sep-07	CN 102177767	2015-Apr-29	200980140113.9	2029-Oct-02	Yes
CN	2009-Nov-03	200980144311.2	2011-Oct-12	CN 102203505	2015-Jan-14	200980144311.2	2029-Nov-03	Yes
CN	2009-Nov-12	200980145939.4	2011-Oct-12	CN 102216669	2015-Mar-18	200980145939.4	2029-Nov-12	Yes
CN	2009-Nov-12	201410110815.5	2014-Jul-23	CN 103939768	2016-Nov-23	201410110815.5	2029-Nov-12	Yes
CN	2009-Nov-27	200980149425.6	2011-Nov-16	CN 102246600	2015-Jan-14	200980149425.6	2029-Nov-27	Yes
CN	2009-Nov-30	200980154251.2	2011-Dec-14	102272514 A	2014-Aug-13	200980154251.2	2029-Nov-30	
CN	2010-Jan-04	201080004272.9	2011-Dec-07	CN 102272515	2015-Jan-14	201080004272.9	2030-Jan-04	
CN	2010-Jan-05	201710003292.8	2017-Aug-22	CN 107085289				
CN	2010-Jan-05	201080004191.9	2011-Dec-07	CN 102272511			2030-Jan-05	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
CN	2010-Mar-15	201080013707.6	2012-Feb-22	102362554-A	2014-Nov-12	201080013707.6	2030-Mar-15	Yes
CN	2010-Mar-30	201080015196.1	2012-Mar-14	CN 102378928	2014-Aug-13	201080015196.1	2030-Mar-30	Yes
CN	2010-Mar-31	201080015179.8	2012-Mar-14	102378801-A	2014-Jun-04	201080015179.8	2030-Mar-31	Yes
CN	2010-Apr-01	201080017771.1	2012-Apr-11	CN 102415077	2014-Sep-24	201080017771.1	2030-Apr-01	Yes
CN	2010-Apr-01	201020150788.1			2011-Apr-06	201020150788.1	2020-Apr-01	Yes
CN	2010-Apr-01	201410094443.1	2014-May-21	CN 103812951	2018-Feb-06	201410094443.1	2030-Apr-01	Yes
CN	2010-Apr-23	201080019874.1	2012-May-22	CN 102439351			2030-Apr-23	Yes
CN	2010-May-05	201080022133.9	2012-May-02	CN 102440070	2015-Aug-19	201080022133.9	2030-May-05	Yes
CN	2010-May-21	201080023276.1	2012-May-09	CN 102449372	2016-Aug-10	201080023276.1	2030-May-21	Yes
CN	2010-May-26	201080023299.2	2012-May-09	CN 102449374	2016-May-11	201080023299.2	2030-May-26	Yes
CN	2010-Jun-04	201080034802.4	2012-Nov-28	CN 102804493	2015-Apr-29	201080034802.4	2030-Jun-04	Yes
CN	2010-Jun-09	201080027146.5	2012-May-16	CN 102460560	2015-Apr-01	CN201080027146.5	2030-Jun-09	Yes
CN	2010-Jun-11	201080027126.8	2012-Nov-28	CN 102803845	2019-May-21	201080027126.8	2030-Jun-11	Yes
CN	2010-Jun-14	201080027156.9	2012-May-16	CN 102459991	2014-Jan-15	201080027156.9	2030-Jun-14	Yes
CN	2010-Jun-15	201080027072.5	2012-Nov-28	CN 102804917	2015-Aug-26	201080027072.5	2030-Jun-15	Yes
CN	2010-Jun-22	201080028445.0	2012-Nov-28	CN 102804919	2016-Jan-20	201080028445.0	2030-Jun-22	Yes
CN	2010-Jun-30	201020245264.0			2011-Mar-30	201020245264.0	2020-Jun-30	Yes
CN	2010-Jul-07	201610756097.8	2017-Feb-01	CN 106376125	2019-Sep-03	201610756097.8	2030-Jul-07	Yes
CN	2010-Jul-07	201080032098.9	2012-May-23	CN 102473379	2016-Sep-21	201080032098.9	2030-Jul-07	Yes
CN	2010-Jul-14	201080033508.1	2012-May-30	CN 102484914	2015-Apr-22	201080033508.1	2030-Jul-14	
CN	2010-Jul-19	201080033334.9	2012-May-23	CN 102474951	2015-Jan-14	201080033334.9	2030-Jul-19	Yes
CN	2010-Jul-27	201080033501.X	2012-May-23	CN 102474933	2015-Sep-30	201080033501.X	2030-Jul-27	Yes
CN	2010-Aug-13	CN 201080046880.6	2012-Jul-25	CN102612791A	2015-Apr-08	201080046880.6	2030-Aug-13	Yes
CN	2010-Aug-13	201510072474.1	2015-Jun-17	CN104717803	2017-Sep-05	201510072474.1	2030-Aug-13	Yes
CN	2010-Aug-18	201080038002.X	2012-May-30	CN 102484916	2014-Dec-31	201080038002.X	2030-Aug-18	Yes
CN	2010-Aug-30	201080039304.9	2012-May-30	CN 102483193			2030-Aug-30	Yes
CN	2010-Sep-01	201080039303.4	2012-May-30	CN 102484919	2015-May-13	201080039303.4	2030-Sep-01	Yes
CN	2010-Sep-07	201080041547.6	2012-Jul-18	102598855-A	2015-Dec-09	201080041547.6	2030-Sep-07	Yes
CN	2010-Sep-09	201080008845.5	2012-Jan-18	CN 102326024			2030-Sep-09	Yes
CN	2010-Sep-09	201611073606.3	2017-Apr-05	106555993-A				Yes
CN	2010-Sep-13	201080041323.5	2012-Jul-04	CN 102549333	2014-Dec-10	201080041323.5	2030-Sep-13	Yes
CN	2010-Oct-07	201080055455.3	2012-Aug-22	CN 102648664	2015-Apr-22	201080055455.3	2030-Oct-07	
CN	2010-Oct-18	201080048262.5	2012-Sep-12	CN 102668710	2014-Jun-18	201080048262.5	2030-Oct-18	Yes
CN	2010-Oct-26	201080047431.3	2012-Jul-11	CN0102577624	2015-Jan-07	201080047431.3	2030-Oct-26	Yes
CN	2010-Oct-29	201080050243.6	2012-Jul-18	CN 102598870	2015-Nov-25	201080050243.6	2030-Oct-29	Yes
CN	2010-Nov-22	201080056793.9	2012-Aug-15	CN 102639925_	2016-Aug-03	201080056793.9	2030-Nov-22	Yes
CN	2010-Nov-30	201080055702.X	2012-Aug-22	CN 102648663	2016-Apr-06	201080055702.X	2030-Nov-30	Yes
CN	2010-Dec-10	201080057061.1	2012-Sep-19	CN 102687590	2015-Dec-02	201080057061.1	2030-Dec-10	Yes
CN	2010-Dec-13	201080060690.X	2012-Sep-19	CN 102686940	2016-Dec-21	201080060690.X	2030-Dec-13	Yes
CN	2011-Feb-28	201710071807.8	2017-Jun-13	CN 106838657				Yes
CN	2011-Feb-28	201180011969.3	2012-Nov-21	CN 102792086			2031-Feb-28	Yes
CN	2011-Mar-11	201180015737.5	2012-Dec-05	CN 102812781	2016-May-11	201180015737.5	2031-Mar-11	Yes
CN	2011-Apr-01	201180018239.6	2012-Dec-05	CN 102812290	2016-Aug-03	201180018239.6	2031-Apr-01	
CN	2011-Apr-22	201180021029.2	2013-Jan-02	CN 102860129	2016-Apr-13	201180021029.2	2031-Apr-22	Yes
CN	2011-Apr-26	201180022768.3	2013-Feb-20	CN 102939652	2016-Aug-03	201180022768.3	2031-Apr-26	Yes
CN	2011-Apr-27	201180023482.7	2013-Jan-30	CN 102906495	2016-Aug-24	201180023482.7	2031-Apr-27	Yes
CN	2011-Jun-16	201180030113.0	2013-Feb-27	CN 102948258	2016-Aug-03	201180030113.0	2031-Jun-16	Yes
CN	2011-Jun-24	201180035521.5	2013-Mar-27	CN 103004036	2015-Dec-16	201180035521.5	2031-Jun-24	Yes
CN	2011-Jun-30	201180033108.5	2013-Mar-20	CN 102985749	2015-Dec-16	201180033108.5	2031-Jun-30	Yes
CN	2011-Jul-07	201110259522.X			2015-Jun-03	201110259522.X	2031-Jul-07	Yes
CN	2011-Jul-14	201180035519.8	2013-Mar-27	CN 103003618	2017-Feb-08	201180035519.8	2031-Jul-14	Yes
CN	2011-Jul-29	201180037668.8			2016-Nov-30	201180037668.8	2031-Jul-29	Yes
CN	2011-Aug-05	201180042395.6	2013-Apr-24	CN 103069746	2016-Aug-31	201180042395.6	2031-Aug-05	Yes
CN	2011-Aug-11	201180039708.2	2013-May-15	CN 103109127	2016-Apr-20	201180039708.2	2031-Aug-11	Yes
CN	2011-Oct-27	201120415687.7			2012-Aug-08	201120415687.7	2021-Oct-27	Yes
CN	2011-Nov-15	201180056689.4	2013-Jul-24	CN 103222339	2016-Mar-16	201180056689.4	2031-Nov-15	Yes
CN	2011-Nov-16	201180055250.X			2016-Apr-06	201180055250.X	2031-Nov-16	Yes
CN	2011-Nov-22	201180056192.2	2013-Aug-28	CN 103270811	2016-Jun-08	201180056192.2	2031-Nov-22	Yes
CN	2011-Dec-09	201180061711.4	2013-Aug-28	CN 103270363	2017-Mar-22	201180061711.4	2031-Dec-09	Yes
CN	2011-Dec-09	201610306334.0	2016-Aug-17	CN 105864664	2020-Nov-20	201610306334.0		Yes
CN	2012-Jan-11	201280005383.0	2013-Sep-18	CN 103314257	2017-Apr-26	201280005383.0	2032-Jan-11	Yes
CN	2012-Feb-01	201280007656.5	2013-Nov-20	CN 103403439	2016-Oct-19	201280007656.5	2032-Feb-01	Yes
CN	2012-Mar-12	201280013696.0	2013-Dec-11	CN 103444263	2016-Sep-21	201280013696.0	2032-Mar-12	Yes
CN	2012-Mar-16	201280016138.X	2013-Dec-25	CN 103477148	2016-Aug-17	201280016138.X	2032-Mar-16	Yes
CN	2012-Mar-22	201280016491.8	2013-Dec-18	CN 103459921	2016-Nov-02	201280016491.8	2032-Mar-22	Yes
CN	2012-Mar-23	201280016613.3	2013-Dec-04	CN 103430627	2015-Nov-25	201280016613.3	2032-Mar-23	Yes
CN	2012-Mar-27	201280016137.5	2013-Dec-25	CN 103477710	2016-Dec-28	201280016137.5	2032-Mar-27	Yes
CN	2012-Apr-03	201280027177.X	2014-Feb-12	CN 103582689	2017-Mar-01	201280027177.X	2032-Apr-03	Yes
CN	2012-Apr-17	201280021948.4	2014-Jan-08	CN 103503179	2016-Nov-02	201280021948.4	2032-Apr-17	Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
CN	2012-May-14	201280023861.0	2014-Jan-22	CN 103535114	2016-Nov-16	201280023861.0	2032-May-14	Yes
CN	2012-Jul-05	201280034538.3	2014-Mar-19	CN 103650279	2016-Dec-14	201280034538.3	2032-Jul-05	Yes
CN	2012-Jul-24	201280036714.7	2014-Apr-09	CN 103718647	2017-May-17	201280036714.7	2032-Jul-24	Yes
CN	2012-Aug-02	201280039943.4	2014-Apr-23	CN 103748961	2017-Sep-22	201280039943.4	2032-Aug-02	Yes
CN	2012-Aug-30	201280055777.7	2014-Jul-23	CN 103947289	2017-Mar-01	201280055777.7	2032-Aug-30	Yes
CN	2012-Oct-05	201280049139.4	2014-Jun-04	CN 103843287	2017-Oct-03	201280049139.4	2032-Oct-05	Yes
CN	2012-Oct-12	201280050607.X	2014-Jul-09	CN 103918349	2016-Dec-28	201280050607.X	2032-Oct-12	Yes
CN	2012-Oct-19	201280056361.7	2014-Jul-23	CN 103947290	2017-Apr-12	201280056361.7	2032-Oct-19	Yes
CN	2012-Oct-19	201280051597.1	2014-Sep-17	CN 104053945			2032-Oct-19	Yes
CN	2012-Oct-29	201280053981.5	2014-Jul-02	CN 103907398	2017-Feb-15	201280053981.5	2032-Oct-29	Yes
CN	2012-Nov-09	201280052122.4			2017-Jun-30	201280052122.4	2032-Nov-09	Yes
CN	2012-Nov-16	201280056423.4	2014-Jul-16	CN 103930714	2016-Aug-24	201280056423.4	2032-Nov-16	Yes
CN	2012-Dec-11	201280061477.X	2014-Oct-15	CN 104106018	2017-Sep-01	201280061477.X	2032-Dec-11	Yes
CN	2013-Jan-02	201380004266.7	2014-Aug-27	CN 104012178	2017-Mar-15	201380004266.7	2033-Jan-02	Yes
CN	2013-Jan-02	201380003666.6	2014-Nov-05	CN 104137650	2017-Feb-22	201380003666.6	2033-Jan-02	Yes
CN	2013-Jan-10	201710265967.6	2017-Aug-22	CN 107084318	2020-Jul-28	201710265967.6	2033-Jan-10	Yes
CN	2013-Jan-10	201380005278.1	2014-Sep-10	CN 104040242	2018-Sep-25	201380005278.1	2033-Jan-10	Yes
CN	2013-Jan-18	201380007633.9	2014-Oct-22	CN 104115559	2017-May-10	201380007633.9	2033-Jan-18	Yes
CN	2013-Jan-25	201380007881.3	2014-Oct-08	CN 104094668	2016-May-04	201380007881.3	2033-Jan-25	Yes
CN	2013-Jan-25	201380007634.3	2014-Oct-22	CN 104115560	2017-Dec-26	201380007634.3	2033-Jan-25	Yes
CN	2013-Feb-08	201380004446.5	2014-Sep-03	CN 104025711	2016-Aug-24	201380004446.5	2033-Feb-08	Yes
CN	2013-Feb-22	201380013185.3	2014-Nov-12	CN 104145529	2016-Nov-16	201380013185.3	2033-Feb-22	Yes
CN	2013-Feb-22	201380010771.2	2014-Nov-05	CN 104137652	2017-Jun-30	201380010771.2	2033-Feb-22	Yes
CN	2013-Mar-07	201380016846.8	2014-Dec-10	CN 104206013	2017-Jul-04	201380016846.8	2033-Mar-07	Yes
CN	2013-Mar-08	201380015522.2	2015-Jan-28	CN 104322145	2017-Apr-26	201380015522.2	2033-Mar-08	Yes
CN	2013-Mar-11	201380015141.4	2014-Dec-10	CN 104206011	2017-May-24	201380015141.4	2033-Mar-11	Yes
CN	2013-Mar-20	201380017691.X			2017-Jun-06	201380017691.X	2033-Mar-20	Yes
CN	2013-Apr-04	201380018703.0	2015-Jan-21	CN 104303298	2018-Jan-19	201380018703.0	2033-Apr-04	Yes
CN	2013-Apr-25	201380023197.4	2015-Jan-07	CN 104272869	2018-Jun-29	201380023197.4	2033-Apr-25	Yes
CN	2013-Apr-26	201380024396.7	2015-Jan-07	CN 104272873	2017-Sep-15	201380024396.7	2033-Apr-26	Yes
CN	2013-May-22	201380029599.5	2015-Feb-18	CN 104364874	2016-Dec-14	201380029599.5	2033-May-22	Yes
CN	2013-Jun-17	201380025221.8	2015-Jan-21	CN 104303406	2017-Apr-12	201380025221.8	2033-Jun-17	Yes
CN	2013-Jun-17	201320348198.3			2014-Apr-09	201320348198.3	2023-Jun-17	Yes
CN	2013-Jul-10	201380036783.2	2015-Mar-25	CN 104472026	2018-Jun-01	201380036783.2	2033-Jul-10	Yes
CN	2013-Jul-12	201380038222.6	2015-Apr-29	CN 104584689	2017-Sep-22	201380038222.6	2033-Jul-12	Yes
CN	2013-Jul-24	201380039731.0			2017-Nov-03	201380039731.0	2035-Jan-26	Yes
CN	2013-Aug-20	201320508008.X			2014-Mar-12	201320508008.X	2023-Aug-20	Yes
CN	2013-Sep-17	201380048298.7	2015-May-20	CN 104641175	2018-Aug-10	201380048298.7	2033-Sep-17	Yes
CN	2013-Sep-24	201380026814.6	2015-Jan-28	CN 104322147	2017-Nov-21	201380026814.6	2033-Sep-24	Yes
CN	2013-Oct-30	201390000865.7			2016-Jan-13	201390000865.7	2023-Oct-29	Yes
CN	2013-Nov-06	201380069330.X	2015-Sep-16	CN 104919242 A	2019-Mar-12	201380069330.X	2033-Nov-06	Yes
CN	2013-Dec-02	201380065409.5	2015-Aug-26	CN 104871642	2017-Jul-07	201380065409.5	2033-Dec-02	Yes
CN	2013-Dec-05	201380072263.7	2015-Oct-07	CN 104969001	2018-Nov-20	201380072263.7	2033-Dec-05	Yes
CN	2014-Mar-12	201480014320.0	2015-Oct-28	CN 105008796	2018-Jun-29	201480014320.0	2034-Mar-12	Yes
CN	2014-Apr-01	201480068101.0	2016-Aug-17	CN 105874264A	2018-Sep-14	201480068101.0	2034-Apr-01	Yes
CN	2014-Apr-02	201480019559.7	2015-Dec-16	CN 105165120	2018-Mar-27	201480019559.7	2034-Apr-02	Yes
CN	2014-Jun-04	201710959762.8	2018-Feb-27	CN 107743321	2019-Oct-15	201710959762.8	2034-Jun-04	Yes
CN	2014-Jun-04	201480031965.5	2016-Jan-20	CN 105265018	2017-Nov-17	201480031965.5	2034-Jun-04	Yes
CN	2014-Jun-10	201480041303.6	2016-Mar-16	CN 105408684	2019-Jun-14	201480041303.6	2034-Jun-10	Yes
CN	2014-Jul-09	201480043272.8	2016-Mar-23	CN 105432145	2018-Jan-26	201480043272.8	2034-Jul-09	Yes
CN	2014-Jul-23	201480043274.7	2016-Mar-23	CN 105432146	2018-Jun-08	201480043274.7	2034-Jul-23	Yes
CN	2014-Aug-19	201480045886.X	2016-Jun-08	CN 105659703	2019-Jul-05	201480045886.X	2034-Aug-19	Yes
CN	2014-Aug-19	201910501048.3	2019-Oct-08	CN 110312340				Yes
CN	2014-Oct-14	201480056721.2	2016-Jun-01	CN 105637979	2018-Nov-30	201480056721.2	2034-Oct-14	Yes
CN	2014-Oct-24	201480061152.0	2016-Jun-22	CN 105706532	2017-Nov-21	201480061152.0	2034-Oct-24	Yes
CN	2014-Nov-12	201480064036.4	2016-Jul-13	CN 105766060	2018-Apr-24	201480064036.4	2034-Nov-12	Yes
CN	2014-Dec-23	201810119534.4	2018-Aug-03	CN 108361571				Yes
CN	2015-Feb-03	201580002967.6	2016-Jul-20	CN 105793641	2017-Jun-20	201580002967.6	2035-Feb-03	Yes
CN	2015-Feb-16	201580011079.0	2016-Nov-23	CN 106165538	2018-Nov-30	201580011079.0	2035-Feb-16	Yes
CN	2015-Feb-23	201580003071.X	2018-Feb-27	CN 105830216	2018-Feb-27	201580003071.X	2035-Feb-23	Yes
CN	2015-May-28	201580029224.8	2017-Feb-22	CN 106461165 A	2019-Oct-08	201580029224.8	2035-May-28	Yes
CN	2015-Jun-01	201590000772.3			2017-Oct-24	201590000772.3	2025-Jun-01	Yes
CN	2015-Jun-08	201580002837.2	2016-Jul-20	CN 105794318	2018-Jan-16	201580002837.2	2035-Jun-08	Yes
CN	2015-Jun-19	201580036041.9	2017-Mar-01	CN 106471869	2019-Dec-10	201580036041.9	2035-Jun-19	Yes
CN	2015-Jun-24	201580036637.9	2017-Mar-01	106471710	2020-Sep-29	201580036637.9	2035-Jun-24	Yes
CN	2015-Jul-16	201580039897.1	2017-Mar-22	106537025-A	2020-Feb-21	201580039897.1	2035-Jul-16	Yes
CN	2015-Sep-25	201580054824.X			2019-Apr-05	201580054824.X	2035-Sep-25	Yes
CN	2015-Sep-30	201580053668.5	2017-Aug-29	CN 107110470	2019-Oct-25	201580053668.5	2035-Sep-30	Yes
CN	2015-Nov-03	201580059874.7	2017-Sep-08	CN 107148804	2020-Feb-28	201580059874.7	2035-Nov-03	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
CN	2015-Nov-03	201911374569.3	2020-Feb-28	CN 110856304				Yes
CN	2016-Apr-04	201680020930.0	2017-Dec-05	CN 107439055	2019-Aug-02	201680020930.0	2036-Apr-04	Yes
CN	2016-Apr-20	201680023925.5	2018-Jan-23	CN 107624267	2019-Nov-15	201680023925.5	2036-Apr-20	Yes
CN	2016-Aug-05	201680050530.4	2018-May-11	CN 108027111				Yes
CN	2016-Nov-22	201680068489.3	2018-Jul-17	CN 108293287	2020-Jun-12	201680068489.3	2036-Nov-22	Yes
CN	2017-Mar-29	201780040719.X		WO2017/204898	2021-Mar-12	201780040719.X		Yes
CN	2017-Dec-18	201780061531.3	2019-Jun-04	CN 109844399				Yes
CZ	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
CZ	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
CZ	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
CZ	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
CZ	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
CZ	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
CZ	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
CZ	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
CZ	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
CZ	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
CZ	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185	2029-Nov-03	Yes
CZ	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
CZ	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
CZ	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
CZ	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
CZ	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
CZ	2017-Dec-18	20151415.5	2020-Jun-24	EP 3671010	2021-Nov-10	3671010		Yes
DE	1997-Aug-08	97932965.3			2005-Nov-09	69734569.6	2017-Aug-08	
DE	1997-Sep-08	97936833.9	1998-Sep-16	EP 0864064	2002-Dec-04	69717598.7	2017-Sep-08	
DE	1998-Jul-14	98935809.8			2013-Nov-20	698 43 149.9	2018-Jul-14	Yes
DE	1998-Jul-16	98929590.2	1999-Jul-21	EP 0929992	2003-Aug-06	69816958.1	2018-Jul-16	
DE	1998-Jul-16	98929597.7	1999-Jul-21	EP 0929993	2004-Oct-06	69826825.3	2018-Jul-16	
DE	1998-Jul-27	98932457.9	1999-Jul-21	EP 0929994	2003-Jul-02	69816023.1	2018-Jul-27	
DE	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	698 43 276.2	2018-Jul-28	
DE	1998-Aug-26	98944539.0			2002-Aug-07	69807092.5	2018-Aug-26	
DE	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
DE	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
DE	1999-Jun-17	99922465.2	2000-Sep-13	EP 1034690	2003-Oct-29	69912391.7	2019-Jun-17	
DE	1999-Sep-03	99943116.6			2003-Nov-05	69912623.1	2019-Sep-03	
DE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	699 45 014.4	2019-Sep-03	
DE	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	699 44 726.7	2019-Sep-08	
DE	1999-Sep-17	99948820.8			2008-Jan-16	69937993.8	2019-Sep-17	
DE	1999-Sep-24	99948955.2			2007-Nov-14	69937544.4	2019-Sep-24	Yes
DE	1999-Nov-24	99957760.4			2010-Oct-06	69942838.6	2019-Nov-24	
DE	1999-Dec-02	99962235.0	2000-Dec-06	EP 1056993	2003-Mar-26	69906260.8	2019-Dec-02	
DE	1999-Dec-09	19992021689	2001-May-23	DE 29921689 U1	2001-Apr-19	29921689.6	2009-Dec-09	Yes
DE	1999-Dec-09	29921689.6	2001-May-23	DE 29921689 U1	2001-Apr-19	29921689.6	2009-Dec-09	Yes
DE	2000-Mar-10	00914124.3			2007-Apr-18	60034405.3	2020-Mar-10	Yes
DE	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	60046687.6	2020-Apr-06	Yes
DE	2000-Jun-22	00947862.9			2008-Jul-30	60039674.6	2020-Jun-22	Yes
DE	2000-Jul-14	09160257.3			2011-Mar-02	60045697.8	2020-Jul-14	
DE	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	60023730.3	2020-Jul-14	
DE	2000-Jul-14	05077467.8			2009-May-06	60042177.5	2020-Jul-14	
DE	2000-Aug-07	00958400.4			2007-Nov-21	60037178.6	2020-Aug-07	
DE	2000-Sep-15	00964189.5	2001-Oct-04	EP 1138177	2004-Dec-01	60016377.6	2020-Sep-15	
DE	2000-Oct-10	00972733.0	2001-Oct-10	EP 1142452	2004-Mar-10	60008854.5	2020-Oct-10	
DE	2000-Oct-12	00967866.5	2001-Oct-17	EP 1145602	2004-Mar-10	60008855.3	2020-Oct-12	
DE	2000-Oct-12	00972760.3	2001-Oct-31	EP 1149510	2003-Feb-12	60001386.3	2020-Oct-12	
DE	2000-Nov-17	00979608.7	2001-Nov-21	EP 1155455	2015-Aug-26	600 49 056.4	2020-Nov-17	
DE	2000-Nov-17	15168713.4	2015-Nov-04	EP 2940732	2017-Jan-25	600 49 535.3	2020-Nov-17	
DE	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	600 49 004.1	2020-Nov-20	
DE	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	60021911.9	2020-Nov-20	
DE	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	50000481.1	2020-Dec-01	Yes
DE	2000-Dec-01	00126263.3	2001-Jun-13	EP 1106915	2002-Sep-25	50000551.6	2020-Dec-01	Yes
DE	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	50008838.1	2020-Dec-01	Yes
DE	2000-Dec-14	00981374.2	2007-Aug-30	60030541-T2	2006-Sep-06	60030541.4	2020-Dec-14	Yes
DE	2000-Dec-18	00985192.4			2007-Feb-28	60033639.5	2020-Dec-18	
DE	2001-Jan-08	01907413.7			2006-Jun-14	60120563.4	2021-Jan-08	
DE	2001-Apr-24	03028671.0			2010-Apr-14	60141857.3	2021-Apr-24	
DE	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	60146245.9	2021-Apr-24	
DE	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
DE	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	601 48 494.0	2021-Jun-21	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
DE	2001-Aug-14	01203099.5			2009-Oct-14	60140161.1	2021-Aug-14	
DE	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	50100895.0	2021-Aug-31	Yes
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DE	2001-Nov-26	01271986.0	2004-Jan-07	EP 1378011	2016-Nov-02	601 50 184.5	2021-Nov-26	Yes
DE	2001-Dec-03	01989575.4			2005-Aug-10	60112612.2	2021-Dec-03	
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DE	2001-Dec-12	01272187.4			2005-Jun-08	60111421.3	2021-Dec-12	
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DE	2002-May-30	02739485.7	2010-May-05	EP 1393599	2010-May-05	60236280.6	2022-May-30	
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DE	2002-Dec-18	02790614.8	2004-Sep-22	EP 1459280	2012-Feb-15	1459280	2022-Dec-18	
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DE	2005-Apr-27	05731773.7			2009-Nov-18	602005017769.8	2025-Apr-27	
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DE	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	602005031481.4	2025-Jun-23	
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DE	2005-Aug-02	05773348.7			2008-Jan-09	602005004297.0	2025-Aug-02	Yes
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DE	2005-Aug-02	05773347.9			2010-Jan-20	602005019055.4	2025-Aug-02	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
DE	2005-Aug-18	05776896.2	2007-Jun-13	EP 1794811	2011-Jun-29	602005028775.2	2025-Aug-18	
DE	2005-Sep-12	05782814.7	2007-Jun-13	EP 1794491	2011-Jun-29	602005028781.7	2025-Sep-12	Yes
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Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
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DE	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	60 2010 007 132.4	2030-May-21	Yes
DE	2010-May-26	10727919.2	2012-Apr-04	EP 2435754	2016-Apr-27	60 2010 032 836.8	2030-May-26	Yes
DE	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	60 2010 010 987.9	2030-Jun-04	Yes
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DE	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	60 2010 030 889.8	2030-Jun-11	Yes
DE	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	60 2010 018 880.9	2030-Jun-14	Yes
DE	2010-Jun-15	10730851.2	2012-Apr-25	EP 2443910	2013-Oct-09	60 2010 010 838.4	2030-Jun-15	Yes
DE	2010-Jun-22	10731600.2	2012-May-02	EP 2446708	2019-Mar-27	60 2010 057 822.4	2030-Jun-22	Yes
DE	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	60 2010 063 649.6	2030-Jul-07	Yes
DE	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	60 2010 013 770.8	2030-Jul-14	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
DE	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	602010004728.8	2030-Jul-19	Yes
DE	2010-Jul-27	10745008.2	2012-Jun-06	EP 2460389	2013-May-01	602010006812.9	2030-Jul-27	Yes
DE	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
DE	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	60 2010 009 248.8	2030-Aug-18	Yes
DE	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	60 2010 043 297.1	2030-Sep-01	Yes
DE	2010-Sep-07	10760057.9	2012-Jul-25	EP 2478743	2014-Jun-11	60 2010 016 670.8	2030-Sep-07	Yes
DE	2010-Sep-09	10760066.0	2012-Aug-08	EP 2480829	2014-Apr-16	60 2010 015 215.4	2030-Sep-09	Yes
DE	2010-Sep-13	10760080.1	2012-Jul-25	EP 2478289	2013-Jun-05	602010007701.2	2030-Sep-13	Yes
DE	2010-Oct-18	10825478.0	2012-Aug-29	EP 2491767	2017-Apr-12	2491767	2030-Oct-18	Yes
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DE	2010-Nov-22	10793052.1	2012-Oct-24	EP 2513552	2019-Sep-11	60 2010 061 021.7	2030-Nov-22	Yes
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DE	2013-Apr-04	13724395.2	2015-Feb-11	EP 2834842	2018-Jul-04	60 2013 039 697.3	2033-Apr-04	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
DE	2013-Apr-04	18167770.9	2018-Oct-03	EP 3382755	2020-Jan-08	60 2013 065 034.9	2033-Apr-04	Yes
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DE	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	60 2013 005 428.2	2033-May-22	Yes
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DE	2013-Jul-10	13765478.6	2015-May-20	EP 2873310	2019-Feb-27	60 2013 051 437.2	2033-Jul-10	Yes
DE	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes
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DE	2013-Nov-06	13852913.6	2015-Sep-16	EP2917633				Yes
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DE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	60 2014 022 613.2	2034-Jun-04	Yes
DE	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	60 2014 006 959.2	2034-Jul-09	Yes
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DE	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	60 2014 076 515.7	2034-Aug-19	Yes
DE	2014-Oct-14	14793310.5	2016-Aug-24	EP 3058794	2018-Aug-29	60 2014 031 407.4	2034-Oct-14	Yes
DE	2014-Oct-24	14787195.8	2016-Sep-14	EP 3066889	2017-Jun-28	60 2014 011 343.5	2034-Oct-24	Yes
DE	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-28	Yes
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DE	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	60 2014 002 344.4	2034-Dec-23	Yes
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DE	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	60 2015 044 612.7	2035-Feb-16	Yes
DE	2015-Feb-23	EP15706017.9	2016-Aug-31	EP	2017-Apr-12	60 2015 002 255.6	2035-Feb-23	Yes
DE	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	60 2015 014 750.2	2035-Jun-01	Yes
DE	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	60 2015 002 149.5	2035-Jun-08	Yes
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DE	2015-Jul-16	15738350.6	2017-May-31	EP 3172481	2018-May-09	60 2015 010 976.7	2035-Jul-16	Yes
DE	2015-Sep-30	EP15784476.2	2017-Aug-09	EP 3201524	2018-Feb-28	60 2015 008 469.1	2035-Sep-30	Yes
DE	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317	2020-Jan-08	60 2015 045 236.4	2035-Nov-03	Yes
DE	2016-Apr-04	16713475.8	2018-Feb-14	EP 3281270	2019-Jan-09	60 2016 009 244.1	2036-Apr-04	Yes
DE	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959	2018-Jun-20	60 2016 003 725.4	2036-Apr-20	Yes
DE	2016-Aug-05	EP16182950.2	2017-Mar-08	EP 3139086	2018-May-23	3139086	2036-Aug-05	Yes
DE	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	60 2016 022 379.1	2036-Aug-05	Yes
DE	2016-Nov-22	16798529.0	2018-Oct-03	EP 3381242	2020-Jul-01	60 2016 039 208.9	2036-Nov-22	Yes
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DE	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	60 2017 011 789.7	2037-Dec-18	Yes
DK	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
DK	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
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DK	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
DK	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
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DK	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
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DK	2005-Sep-19	18184893.8	2019-Jan-16	EP 3428506	2020-Apr-15	3428506	2025-Sep-19	
DK	2005-Sep-19	DK20050001300					2025-Sep-19	Yes
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DK	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
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DK	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
DK	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
DK	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
DK	2006-Oct-11	06812715.8	2008-Jul-02	EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
DK	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
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DK	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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DK	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
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DK	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
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EP	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	1459600	2022-Dec-19	
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EP	2004-Apr-21	20172270.9	2020-Oct-14	EP 3721959				
EP	2004-Apr-21	20172248.5	2020-Oct-14	EP 3722533				
EP	2004-May-04	18175690.9	2018-Dec-19	EP 3416460				
EP	2005-Mar-14	19187360.3	2020-Jan-01	EP 3589081				
EP	2005-May-30	19201299.5	2020-Mar-11	EP 3621301	2021-Apr-21	3621301		Yes
EP	2005-Jul-29	05770329.0	2007-May-02	EP 1779708	2021-Jun-30	1779708	2025-Jul-29	
EP	2005-Aug-02	17207210.0	2018-Jun-06	EP 3331010				
EP	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
EP	2005-Oct-17	05791937.5	2007-Jul-18	EP 1808050			2025-Oct-17	
EP	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
EP	2006-Jan-05	18178980.1	2018-Dec-12	EP 3413345				
EP	2006-May-19	EP20189413.6	2021-Jan-27	3770980				
EP	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
EP	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
EP	2006-Oct-11	17150659.5	2017-Jul-05	EP 3188164				Yes
EP	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
EP	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
EP	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
EP	2007-Feb-26	15170016.8	2007-Sep-07	EP 2942611				Yes
EP	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
EP	2007-Mar-02	18194160.0	2019-Feb-27	EP 3448126				
EP	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314		Yes
EP	2007-May-31	20182270.7	2020-Dec-16	EP 3751966				Yes
EP	2008-Mar-12	08731957.0						Yes
EP	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
EP	2008-Apr-23	18188301.8	2019-Apr-10	EP 3468303				
EP	2008-May-01	19182339.2	2019-Dec-11	EP 3578881				
EP	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
EP	2008-May-19	13160382.1	2013-Jun-26	EP 2607169	2021-Jul-07	2607169		Yes
EP	2009-Sep-02	18205881.8	2019-Jun-12	EP 3496511	2021-Feb-24	3496511		Yes
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EP	2010-Jul-07	19207865.7	2020-Jun-10	EP 3664072				Yes
EP	2010-Jul-07	19207873.1	2020-Jun-10	EP 3664073				Yes
EP	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174		Yes
EP	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	2471344	2030-Aug-18	Yes
EP	2011-Apr-01	11719657.6	2013-Feb-13	EP 2556294	2015-Mar-25	2556294	2031-Apr-01	
EP	2011-Nov-15	19154669.6	2019-Jul-17	EP 3512304				Yes
EP	2011-Dec-09	19213280.1	2020-May-20	EP 3653924				Yes
EP	2012-Feb-28	12752072.4	2012-Sep-07	EP2681484				Yes
EP	2012-Mar-27	19209235.1	2020-Apr-22	EP 3641502				Yes
EP	2012-Nov-09	12795950.0						Yes
EP	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
EP	2013-Nov-06	13852913.6	2015-Sep-16	EP2917633				Yes
EP	2014-Apr-02	14718773.6	2016-Feb-10	EP 2982221	2021-Aug-04	2982221		Yes
EP	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198		Yes
EP	2014-Aug-19	21156047.9	2021-Aug-04	EP 3860310				Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
EP	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976		Yes
EP	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413		Yes
EP	2017-Dec-18	20151415.5	2020-Jun-24	EP 3671010	2021-Nov-10	3671010		Yes
ES	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
ES	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
ES	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
ES	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
ES	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
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ES	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
ES	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
ES	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
ES	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
ES	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
ES	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
ES	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
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ES	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
ES	2000-Dec-01	00126263.3	2001-Jun-13	EP 1106915	2002-Sep-25	21185535	2020-Dec-01	Yes
ES	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
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ES	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
ES	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	2364067	2021-Jun-21	
ES	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
ES	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	2210074	2021-Aug-31	Yes
ES	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
ES	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-20	Yes
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ES	2002-May-30	02739485.7		EP 1393599	2010-May-05	1393599	2022-May-30	
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Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
ES	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
ES	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
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ES	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
ES	2010-Mar-31	10713726.7	2012-Feb-15	EP 2417219	2013-May-29	2417219	2030-Mar-31	Yes
ES	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
ES	2010-May-05	10719619.8	2012-Mar-28	EP 2433471	2018-Jul-18	2433471	2030-May-05	Yes
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ES	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
ES	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
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ES	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
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ES	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006	2018-Mar-28	2644006	2031-Nov-15	Yes
ES	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
ES	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
ES	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
ES	2012-Mar-12	12710360.4	2014-Jan-22	EP 2687065	2019-Jan-02	2687065	2032-Mar-12	Yes
ES	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
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ES	2012-Aug-30	12784067.6	2014-Jul-09	EP 2752089	2016-Nov-30	2752089	2032-Aug-30	Yes
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FI	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
FI	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
FI	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
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FI	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
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FI	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
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FI	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
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FI	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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FI	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
FI	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
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FR	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
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Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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FR	2002-Jun-07	02735758.1		EP 1399694	2006-Aug-09	1399694	2022-Jun-07	
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FR	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
FR	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
FR	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
FR	2005-Nov-24	05826628.9		EP 1820373	2011-Jan-26	1820373	2025-Nov-24	
FR	2005-Nov-28	05807221.6	2007-Aug-29	EP 1825515	2015-Nov-25	1825515	2025-Nov-28	Yes
FR	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
FR	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
FR	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
FR	2006-Apr-19	06727966.1	2006-Nov-02	EP 1878319	2011-Nov-02	1878319	2026-Apr-19	
FR	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
FR	2006-May-10	06744904.1		EP 1889112	2009-Jul-22	1889112	2026-May-10	
FR	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
FR	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
FR	2006-May-23	06771039.2	2008-Mar-05	EP 1893912	2020-Dec-16	1893912	2026-May-23	
FR	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
FR	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	1905273	2026-Jul-05	
FR	2006-Aug-22	06795730.8	2008-May-21	EP 1922902	2018-Oct-10	1922902	2026-Aug-22	Yes
FR	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-15	Yes
FR	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
FR	2006-Sep-25	06821145.7	2008-Jun-18	EP 1932394	2016-Apr-27	1932394	2026-Sep-25	
FR	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-02	
FR	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
FR	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
FR	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
FR	2006-Oct-16	06809605.6	2008-Jul-16	EP 1943880	2013-Apr-24	1943880	2026-Oct-16	Yes
FR	2006-Nov-07	06821351.1		EP 1948995	2010-Apr-28	1948995	2026-Nov-07	
FR	2006-Nov-13	06821415.4	2008-Aug-06	EP 1952055	2019-Jan-09	1952055	2026-Nov-13	
FR	2006-Nov-13	18193342.5	2019-Feb-27	EP 3447366	2020-Oct-21	3447366	2026-Nov-13	
FR	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
FR	2006-Dec-05	06832090.2		EP 1963733	2011-Mar-02	1963733	2026-Dec-05	Yes
FR	2006-Dec-06	06832117.3	2008-Sep-03	EP 1964451	2011-Jul-06	1964451	2026-Dec-06	
FR	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
FR	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
FR	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
FR	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
FR	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
FR	2007-Feb-26	07751851.2	2007-Sep-07	EP1994389	2015-Jun-17	602007041794.5	2027-Feb-26	Yes
FR	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
FR	2007-Mar-08	07710709.2	2008-Dec-03	EP 1996857	2016-May-25	1996857	2027-Mar-08	
FR	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
FR	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
FR	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124	2027-May-31	Yes
FR	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
FR	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
FR	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
FR	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227	2018-Mar-21	2039227	2027-Jun-20	
FR	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
FR	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
FR	2007-Aug-17	07800472.8	2009-May-06	EP 2054662	2014-Oct-08	2054662	2027-Aug-17	
FR	2007-Aug-22	07800465.2	2009-May-13	EP 2057867	2016-Nov-09	2057867	2027-Aug-22	
FR	2007-Sep-18	07826420.7		EP 2074658	2010-Mar-24	2074658	2027-Sep-18	
FR	2007-Sep-20	07826475.1	2009-Jul-15	EP 2078446	2013-Apr-10	2078446	2027-Sep-20	
FR	2007-Sep-20	07815866.4	2009-Jun-10	EP 2067381	2016-Sep-14	2067381	2027-Sep-20	
FR	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	
FR	2007-Oct-11	07826710.1	2009-Jul-01	EP 2074451	2018-Aug-15	2074451	2027-Oct-11	
FR	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
FR	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
FR	2007-Oct-31	07816094.2	2009-Aug-12	EP 2087772	2017-Sep-06	2087772	2027-Oct-31	
FR	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
FR	2007-Nov-08	07827030.3		EP 2084945	2010-Mar-31	2084945A	2027-Nov-08	Yes
FR	2007-Nov-09	07840007.4		EP 2082621	2010-Jul-14	2082621	2027-Nov-09	
FR	2007-Nov-27	07849266.7	2009-Aug-26	EP 2092669	2013-Jun-26	2092669	2027-Nov-27	
FR	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
FR	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	2103190	2027-Dec-07	
FR	2007-Dec-07	10194284.5	2011-Mar-30	EP 2302983	2019-Oct-09	2302983	2027-Dec-07	
FR	2007-Dec-11	07855501.8	2009-Aug-26	EP 2092797	2012-Nov-21	2092797	2027-Dec-11	
FR	2007-Dec-17	07849526.4	2009-Sep-02	EP 2095353	2019-May-01	2095353	2027-Dec-17	Yes
FR	2008-Mar-12	18185781.4	2019-Apr-17	EP 3471513	2020-Oct-07	3471513	2028-Mar-12	Yes
FR	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
FR	2008-Mar-19	08719767.9		EP 2126463	2010-Oct-27	2126463	2028-Mar-19	
FR	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
FR	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
FR	2008-Apr-11	08737808.9	2010-Jan-06	EP 2140502	2017-Apr-05	2140502	2028-Apr-11	Yes
FR	2008-Apr-21	08737928.5		EP 2143304	2010-Sep-15	2143304	2028-Apr-21	
FR	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
FR	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	2147576	2028-Apr-28	
FR	2008-May-01	14195242.4	2015-Apr-22	EP 2863104	2019-Jul-10	2863104	2028-May-01	
FR	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
FR	2008-May-02	08747429.2	2010-Jan-27	EP 2147244	2015-Dec-02	2147244	2028-May-02	
FR	2008-May-05	08738079.6	2010-Jan-27	EP 2147349	2013-Jul-17	2147349	2028-May-05	Yes
FR	2008-May-19	13160382.1	2013-Jun-26	EP 2607169	2021-Jul-07	2607169		Yes
FR	2008-May-26	08763104.0	2010-Feb-10	EP 2150851	2015-Mar-11	2150851	2028-May-26	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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FR	2008-May-30	08763152.9	2010-Mar-10	EP 2160731	2016-Jul-13	2160731	2028-May-30	
FR	2008-Jun-23	08763422.6	2010-Mar-17	EP 2163132	2013-Oct-09	2163132	2028-Jun-23	
FR	2008-Jun-30	08789176.8	2010-Mar-24	EP 2165576	2018-Aug-08	2165576	2028-Jun-30	
FR	2008-Jul-21	08789379.8		EP 2174531	2013-Jun-05	2174531	2028-Jul-21	
FR	2008-Aug-14	08789608.0		EP 2181565	2011-Apr-27	2181565	2028-Aug-14	
FR	2008-Sep-16	08807680.7	2010-Jul-07	EP 2203679	2012-May-30	2203679	2028-Sep-16	Yes
FR	2008-Oct-08	08838302.1	2010-Jul-21	EP 2207998	2015-Sep-16	2207998	2028-Oct-08	
FR	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-08	
FR	2008-Nov-24	08855505.7	2010-Aug-18	EP 2218308	2013-Jun-19	2218308	2028-Nov-24	
FR	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
FR	2008-Dec-16	08862035.6	2010-Oct-06	EP 2235589	2018-Jul-25	2235589	2028-Dec-16	
FR	2008-Dec-22	08863774.9	2010-Oct-06	EP 2235435	2013-Sep-11	2235435	2028-Dec-22	
FR	2008-Dec-29	08870459.8	2010-Sep-22	EP 2229803	2011-Oct-26	2229803	2028-Dec-29	
FR	2009-Jun-12	09761216.2	2011-Mar-02	EP 2288848	2018-Dec-26	2288848	2029-Jun-12	Yes
FR	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	2297516	2029-Jul-10	Yes
FR	2009-Jul-22	09786669.3	2011-May-04	EP 2316251	2012-May-09	2316251	2029-Jul-22	
FR	2009-Jul-22	09786664.4	2011-May-11	EP 2319275	2013-Nov-20	2319275	2029-Jul-22	
FR	2009-Aug-13	09807313.3	2010-Feb-18	EP 2326870	2017-Jan-25	602009043996.0	2029-Aug-13	Yes
FR	2009-Sep-02	09787073.7	2011-Jun-15	EP 2332392	2018-Nov-14	2332392	2029-Sep-02	Yes
FR	2009-Sep-02	18205881.8	2019-Jun-12	EP 3496511	2021-Feb-24	3496511	2029-Sep-02	Yes
FR	2009-Sep-04	09787096.8	2011-Jun-01	EP 2326869	2016-Jun-29	2326869	2029-Sep-04	Yes
FR	2009-Oct-02	09787352.5	2011-Jul-20	EP 2345307	2013-Dec-11	2345307	2029-Oct-02	Yes
FR	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
FR	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
FR	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
FR	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
FR	2009-Nov-30	09774962.6	2011-Nov-16	EP 2386044	2015-Jul-29	2386044	2029-Nov-30	
FR	2010-Jan-04	10702737.7	2011-Nov-16	EP 2386045	2015-Jun-17	2386045	2030-Jan-04	
FR	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
FR	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
FR	2010-Mar-30	10713725.9	2012-Feb-08	EP 2414876	2017-Aug-23	2414876	2030-Mar-30	Yes
FR	2010-Mar-31	10713726.7	2012-Feb-15	EP 2417219	2013-May-29	2417219	2030-Mar-31	Yes
FR	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
FR	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
FR	2010-Apr-23	10717845.1	2012-Mar-21	EP 2427688	2019-Sep-18	2427688	2030-Apr-23	Yes
FR	2010-May-05	10719619.8	2012-Mar-28	EP 2433471	2018-Jul-18	2433471	2030-May-05	Yes
FR	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
FR	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
FR	2010-May-26	10727919.2	2012-Apr-04	EP 2435754	2016-Apr-27	2435754	2030-May-26	Yes
FR	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	2438647	2030-Jun-04	Yes
FR	2010-Jun-09	10728345.9	2012-Apr-25	EP 2443624	2014-Jan-08	2443624	2030-Jun-09	Yes
FR	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
FR	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
FR	2010-Jun-15	10730851.2	2012-Apr-25	EP 2443910	2013-Oct-09	2443910	2030-Jun-15	Yes
FR	2010-Jun-22	10731600.2	2012-May-02	EP 2446708	2019-Mar-27	2446708	2030-Jun-22	Yes
FR	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
FR	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
FR	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	2457418	2030-Jul-19	Yes
FR	2010-Jul-27	10745008.2	2012-Jun-06	EP 2460389	2013-May-01	2460389	2030-Jul-27	Yes
FR	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
FR	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	2471344	2030-Aug-18	Yes
FR	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
FR	2010-Sep-07	10760057.9	2012-Jul-25	EP 2478743	2014-Jun-11	2478743	2030-Sep-07	Yes
FR	2010-Sep-09	10760066.0	2012-Aug-08	EP 2480829	2014-Apr-16	2480829	2030-Sep-09	Yes
FR	2010-Sep-13	10760080.1	2012-Jul-25	EP 2478289	2013-Jun-05	2478289	2030-Sep-13	Yes
FR	2010-Oct-18	10825478.0	2012-Aug-29	EP 2491767	2017-Apr-12	2491767	2030-Oct-18	Yes
FR	2010-Oct-29	10782402.1	2012-Sep-12	EP 2497339	2017-Sep-20	2497339	2030-Oct-29	Yes
FR	2010-Nov-22	10793052.1	2012-Oct-24	EP 2513552	2019-Sep-11	2513552	2030-Nov-22	Yes
FR	2010-Nov-30	10805503.9	2012-Oct-17	EP 2510748	2013-Aug-28	2510748	2030-Nov-30	Yes
FR	2010-Dec-10	10809182.8	2012-Oct-24	EP 2514273	2015-May-06	2514273	2030-Dec-10	Yes
FR	2010-Dec-13	10810795.4	2012-Nov-14	EP 2521879	2015-Apr-29	2521879	2030-Dec-13	Yes
FR	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
FR	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
FR	2011-Apr-01	11719657.6	2013-Feb-13	EP 2556294	2015-Mar-25	2556294	2031-Apr-01	
FR	2011-Apr-22	11723662.0	2013-Mar-06	EP 2564669	2018-Aug-29	2564669	2031-Apr-22	Yes
FR	2011-Apr-26	11721372.8	2013-Mar-13	EP 2567402	2016-Sep-07	2567402	2031-Apr-26	Yes
FR	2011-Apr-27	11721826.3	2013-Mar-20	EP 2569576	2016-Jul-06	2569576	2031-Apr-27	Yes
FR	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
FR	2011-Jun-24	11738309.1	2013-May-29	EP 2596554	2014-Oct-29	2596554	2031-Jun-24	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
FR	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	2591275	2031-Jun-30	Yes
FR	2011-Jul-14	11748743.9	2013-May-29	EP 2596278	2017-Jun-21	2596278	2031-Jul-14	Yes
FR	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
FR	2011-Jul-29	11748799.1	2013-Jun-05	2599203	2017-Nov-15	2599203	2031-Jul-29	Yes
FR	2011-Aug-05	11754507.9	2013-Jul-10	EP 2612463	2014-Apr-16	2612463	2031-Aug-05	Yes
FR	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006	2018-Mar-28	2644006	2031-Nov-15	Yes
FR	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
FR	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
FR	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
FR	2012-Jan-11	12703883.4	2013-Nov-20	EP 2663806	2018-Jan-03	2663806	2031-Jan-14	Yes
FR	2012-Feb-01	12704317.2	2013-Dec-11	EP 2671016	2016-Apr-20	2671016	2032-Feb-01	Yes
FR	2012-Mar-12	12710360.4	2014-Jan-22	EP 2687065	2019-Jan-02	2687065	2032-Mar-12	Yes
FR	2012-Mar-12	18211656.6	2019-May-29	EP 3490342	2020-Jul-15	3490342	2032-Mar-12	Yes
FR	2012-Mar-16	12711276.1	2014-Feb-05	EP 2691697	2020-May-06	2691697	2032-Mar-16	Yes
FR	2012-Mar-22	12712759.5	2014-Feb-05	EP 2691698	2020-May-06	2691698	2032-Mar-22	Yes
FR	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
FR	2012-Mar-27	12715184.3	2014-Feb-05	EP 2692208	2019-Nov-27	2692208	2032-Mar-27	Yes
FR	2012-Apr-02	12716291.5	2014-Feb-12	EP 2694867	2016-Aug-31	2694867	2032-Dec-02	
FR	2012-Apr-03	12717488.6	2014-Feb-19	EP 2697337	2019-Jun-12	2697337	2032-Apr-03	Yes
FR	2012-Apr-17	12721351.0	2014-Mar-12	EP 2705545	2020-Apr-15	2705545	2032-Apr-17	Yes
FR	2012-May-14	12724737.7	2014-Mar-26	EP 2710860	2016-Nov-30	2710860	2032-May-14	Yes
FR	2012-Jul-05	12748783.3	2014-May-21	EP 2732525	2016-Apr-20	2732525	2032-Jul-05	Yes
FR	2012-Jul-24	12767105.5	2014-Jun-04	EP 2737774	2017-Jun-28	2737774	2032-Jul-24	Yes
FR	2012-Aug-02	12772433.4	2014-Jun-25	EP 2745621	2020-Oct-21	2745621	2032-Aug-02	Yes
FR	2012-Aug-30	12784067.6	2014-Jul-09	EP 2752089	2016-Nov-30	2752089	2032-Aug-30	Yes
FR	2012-Oct-05	12795854.4	2014-Jul-02	EP 2748975	2019-Apr-03	2748975	2032-Oct-05	Yes
FR	2012-Oct-12	12798379.9	2014-Jul-02	EP 2749130	2018-Jan-10	2749130	2032-Oct-12	Yes
FR	2012-Oct-19	12808477.9	2014-Jun-25	EP 2745626	2017-May-10	2745626	2032-Oct-19	Yes
FR	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
FR	2012-Oct-29	12812346.0	2014-Jul-09	EP 2752090	2018-Jan-03	2752090	2032-Oct-29	Yes
FR	2012-Nov-16	12819135.0	2014-Jul-02	EP 2748520	2017-Mar-01	2748520	2032-Nov-16	Yes
FR	2012-Dec-11	12820908.7	2014-Jul-02	EP 2748688	2019-Feb-20	2748688	2031-Dec-13	Yes
FR	2013-Jan-02	13703876.6	2014-Nov-12	EP 2801240	2016-Apr-06	2801240	2033-Jan-02	Yes
FR	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
FR	2013-Jan-10	13705570.3	2014-Nov-19	EP 2802805	2017-Oct-18	2802805	2033-Jan-10	Yes
FR	2013-Jan-18	13707716.0	2014-Dec-10	EP 2810532	2019-May-22	2810532	2033-Jan-18	Yes
FR	2013-Jan-25	13710564.9	2014-Dec-10	EP 2810534	2019-Nov-06	2810534	2033-Jan-25	Yes
FR	2013-Jan-25	13709554.3	2014-Dec-10	EP 2810533	2015-Aug-05	EP2810533	2033-Jan-25	Yes
FR	2013-Feb-08	13713975.4	2014-Oct-08	EP 2786640	2015-Jul-22	2786640	2033-Feb-08	Yes
FR	2013-Feb-22	13717318.3	2014-Dec-31	EP 2818028	2017-Apr-12	2818028	2033-Feb-22	Yes
FR	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
FR	2013-Mar-07	13720567.0	2015-Feb-04	EP 2832183	2016-May-18	2832183	2033-Mar-07	Yes
FR	2013-Mar-08	13721393.0	2015-Jan-28	EP 2829158	2016-May-18	2829158	2033-Mar-08	Yes
FR	2013-Mar-11	13722822.7	2015-Jan-28	EP 2829159	2020-Aug-26	2829159	2033-Mar-11	Yes
FR	2013-Mar-20	13721401.1	2015-Feb-04	EP 2832184	2016-Jan-13	2832184	2033-Mar-20	Yes
FR	2013-Apr-04	18167770.9	2018-Oct-03	EP 3382755	2020-Jan-08	3382755	2033-Apr-04	Yes
FR	2013-Apr-04	13724395.2	2015-Feb-11	EP 2834842	2018-Jul-04	2834842	2033-Apr-04	Yes
FR	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204	2033-Apr-16	Yes
FR	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
FR	2013-Apr-26	13727386.8	2015-Mar-18	EP 2848091	2018-Nov-28	2848091	2033-Apr-26	Yes
FR	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
FR	2013-Jun-17	13750382.7	2015-May-06	EP 2867982	2016-Mar-16	2867982	2033-Jun-17	Yes
FR	2013-Jul-10	13765478.6	2015-May-20	EP 2873310	2019-Feb-27	2873310	2033-Jul-10	Yes
FR	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes
FR	2013-Jul-24	13745301.5			2018-Dec-12	2878171	2033-Jul-24	Yes
FR	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265	2033-Sep-17	Yes
FR	2013-Nov-06	13852913.6	2015-Sep-16	EP2917633				Yes
FR	2013-Dec-02	13805599.1	2015-Oct-21	EP 2932797	2017-Oct-04	2932797	2033-Dec-02	Yes
FR	2013-Dec-05	13818438.7	2015-Oct-14	EP 2929238	2018-Feb-21	2929238	2033-Dec-05	Yes
FR	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023	2034-Mar-12	Yes
FR	2014-Apr-02	14718773.6	2016-Feb-10	EP 2982221	2021-Aug-04	2982221		Yes
FR	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
FR	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541	2034-Jul-09	Yes
FR	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
FR	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
FR	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
FR	2014-Oct-14	14793310.5	2016-Aug-24	EP 3058794	2018-Aug-29	3058794	2034-Oct-14	Yes
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FR	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-28	Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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FR	2014-Nov-12	EP14799386.9	2016-Sep-28	EP 3072359	2019-Mar-20	3072359	2034-Nov-12	Yes
FR	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980	2034-Dec-23	Yes
FR	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	3071881	2035-Feb-03	Yes
FR	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
FR	2015-Feb-23	EP15706017.9	2016-Aug-31	EP	2017-Apr-12	3061320	2035-Feb-23	Yes
FR	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
FR	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	3056066	2035-Jun-08	Yes
FR	2015-Jun-24	EP15731323.0	2017-May-10	3164928-A	2019-Aug-07	3164928	2035-Jun-24	Yes
FR	2015-Jul-16	15738350.6	2017-May-31	EP 3172481	2018-May-09	3172481	2035-Jul-16	Yes
FR	2015-Sep-30	EP15784476.2	2017-Aug-09	EP 3201524	2018-Feb-28	3201524	2035-Sep-30	Yes
FR	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317	2020-Jan-08	3216317	2035-Nov-03	Yes
FR	2016-Apr-04	16713475.8	2018-Feb-14	EP 3281270	2019-Jan-09	3281270	2036-Apr-04	Yes
FR	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959	2018-Jun-20	3259959	2036-Apr-20	Yes
FR	2016-Aug-05	EP16182950.2	2017-Mar-08	EP 3139086	2018-May-23	3139086	2036-Aug-05	Yes
FR	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
FR	2016-Nov-22	16798529.0	2018-Oct-03	EP 3381242	2020-Jul-01	3381242	2036-Nov-22	Yes
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FR	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792	2037-Dec-18	Yes
GB	1997-Aug-08	97932965.3		EP 0870384	2005-Nov-09	0870384	2017-Aug-08	
GB	1997-Sep-08	97936833.9	1998-Sep-16	EP 0864064	2002-Dec-04	0864064	2017-Sep-08	
GB	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
GB	1998-Jul-14	98935809.8		EP 1021817	2013-Nov-20	1021817	2018-Jul-14	Yes
GB	1998-Jul-16	98929597.7	1999-Jul-21	EP 0929993	2004-Oct-06	0929993	2018-Jul-16	
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GB	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
GB	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
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GB	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
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GB	1999-Sep-24	99948955.2		EP 1048085	2007-Nov-14	1048085	2019-Sep-24	Yes
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GB	1999-Dec-02	99962235.0	2000-Dec-06	EP 1056993	2003-Mar-26	1056993	2019-Dec-02	
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GB	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
GB	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
GB	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
GB	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
GB	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
GB	2000-Aug-07	00958400.4		EP 1125085	2007-Nov-21	1125085	2020-Aug-07	
GB	2000-Sep-15	00964189.5	2001-Oct-04	EP 1138177	2004-Dec-01	1138177	2020-Sep-15	
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GB	2000-Nov-17	00979608.7	2001-Nov-21	EP 1155455	2015-Aug-26	1155455	2020-Nov-17	
GB	2000-Nov-17	15168713.4	2015-Nov-04	EP 2940732	2017-Jan-25	2940732	2020-Nov-17	
GB	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
GB	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
GB	2000-Dec-01	00126263.3	2001-Jun-13	EP 1106915	2002-Sep-25	1106915	2020-Dec-01	Yes
GB	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
GB	2000-Dec-14	00981374.2		EP 1161754	2006-Sep-06	1161754	2020-Dec-14	Yes
GB	2000-Dec-18	00985192.4		EP 1159563	2007-Feb-28	1159563	2020-Dec-18	
GB	2001-Jan-08	01907413.7		EP 1166604	2006-Jun-14	1166604	2021-Jan-08	
GB	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
GB	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
GB	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	2364067	2021-Jun-21	
GB	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
GB	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
GB	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
GB	2001-Sep-05	01965257.7		EP 1321012	2005-Dec-14	1321012	2021-Sep-05	
GB	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
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GB	2001-Dec-03	01989575.4		EP 1346609	2005-Aug-10	1346609	2021-Dec-03	
GB	2001-Dec-06	01271514.0		EP 1259754	2011-Mar-02	1259754	2021-Dec-06	Yes
GB	2001-Dec-12	01272187.4		EP 1348319	2005-Jun-08	1348319	2021-Dec-12	
GB	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-20	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
GB	2002-Jan-14	02075145.9	2002-Jul-31	EP 1227559	2011-Jul-27	1227559	2022-Jan-14	Yes
GB	2002-Mar-14	02703803.3		EP 1374642	2007-Aug-08	1374642	2022-Mar-14	
GB	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	1388276	2022-May-10	
GB	2002-May-30	02739485.7		EP 1393599	2010-May-05	1393599	2022-May-30	
GB	2002-Jun-07	02735758.1		EP 1399694	2006-Aug-09	1399694	2022-Jun-07	
GB	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
GB	2002-Jul-23	02755430.2	2004-May-06	EP 1415345	2014-Apr-23	1415345	2022-Jul-23	
GB	2002-Aug-09	02755483.1	2004-May-26	EP 1421830	2011-Oct-12	1421830	2022-Aug-09	
GB	2002-Sep-17	02773430.0	2004-Jun-16	EP 1428415	2012-Jul-18	1428415	2022-Sep-16	
GB	2002-Sep-30	02800685.6		EP 1438877	2006-May-10	1438877	2022-Sep-29	
GB	2002-Nov-15	02781532.3		EP 1459599	2008-Feb-27	1459599	2022-Nov-15	
GB	2002-Dec-09	02788334.7	2004-Sep-29	EP 1461981	2017-Aug-30	1461981	2022-Dec-09	
GB	2002-Dec-18	02790614.8	2004-Sep-22	EP 1459280	2012-Feb-15	1459280	2022-Dec-18	
GB	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	1459600	2022-Dec-19	
GB	2002-Dec-20	02790641.1		EP 1461980	2006-Oct-25	1461980	2022-Dec-20	
GB	2003-Feb-06	03700452.0		EP 1479270	2006-Jul-05	1479270	2023-Feb-06	
GB	2003-Jun-12	03735929.6		EP 1518445	2009-May-06	1518445	2023-Jun-12	
GB	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
GB	2003-Sep-03	03793997.2		EP 1537354	2009-Apr-29	1537354	2023-Sep-02	Yes
GB	2003-Nov-11	03758604.7		EP 1568255	2010-Mar-03	1568255	2023-Nov-11	
GB	2003-Dec-11	03777081.5		EP 1576858	2008-Dec-03	1576858	2023-Dec-11	
GB	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
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GB	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
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GB	2004-Apr-22	04728861.8		EP 1623602	2007-Mar-07	1623602	2024-Apr-22	
GB	2004-Apr-30	04730612.1		EP 1623604	2008-Apr-16	1623604	2024-Apr-30	
GB	2004-Jun-10	04754934.0	2005-Aug-04	EP1631769	2010-Sep-22	1631769	2024-Jun-10	Yes
GB	2004-Sep-01	04769910.3	2006-Jun-07	EP 1665893	2016-Jul-06	1665893	2024-Aug-31	
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GB	2004-Nov-05	04799073.4	2006-Aug-02	EP 1685745	2013-May-01	1685745	2024-Nov-05	
GB	2004-Nov-10	04105649.0	2005-Aug-10	EP 1561993	2016-Oct-26	1561993	2024-Nov-10	Yes
GB	2004-Nov-22	04811765.9		EP 1687692	2010-Apr-28	1687692	2024-Nov-22	
GB	2004-Dec-12	0427744.8		GB 2421367	2008-Sep-03	2421367	2024-Dec-12	
GB	2004-Dec-13	12198393.6	2013-Mar-27	EP 2572932	2015-Apr-22	2572932	2024-Dec-13	
GB	2005-Mar-02	05724343.8	2006-Dec-13	EP 1729615	2019-May-08	1729615	2025-Mar-02	
GB	2005-Mar-14	05725602.6	2006-Dec-13	EP 1731004	2017-May-17	1731004	2025-Mar-14	
GB	2005-Apr-27	05731773.7		EP 1752024	2009-Nov-18	1752024	2025-Apr-27	
GB	2005-May-02	05733786.7	2007-Jan-24	EP 1745681	2014-Nov-26	1745681	2025-May-02	
GB	2005-May-30	05104602.7	2005-Dec-14	EP 1605199	2018-Jul-11	1605199	2025-May-30	Yes
GB	2005-May-30	19201299.5	2020-Mar-11	EP 3621301	2021-Apr-21	3621301	2025-May-30	Yes
GB	2005-May-30	18167801.2	2018-Oct-03	EP 3383034	2019-Nov-06	3383034	2025-May-30	Yes
GB	2005-Jun-03	05748175.6		EP 1757169	2011-Apr-27	1757169	2025-Jun-03	
GB	2005-Jun-23	05751748.4		EP 1763650	2007-Dec-12	1763650	2025-Jun-23	
GB	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	1776628	2025-Jun-23	
GB	2005-Jun-28	05752840.8	2007-Mar-28	EP 1767065	2014-Jun-04	1767065	2025-Jun-28	
GB	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	1769560	2025-Jul-06	Yes
GB	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
GB	2005-Aug-02	05772133.4	2007-May-09	EP 1782660	2011-Oct-12	1782660	2025-Aug-02	
GB	2005-Aug-02	05773348.7		EP 1776722	2008-Jan-09	1776722	2025-Aug-02	Yes
GB	2005-Aug-02	05773347.9		EP 1776544	2010-Jan-20	1776544	2025-Aug-02	Yes
GB	2005-Aug-18	05776896.2	2007-Jun-13	EP 1794811	2011-Jun-29	1794811	2025-Aug-18	
GB	2005-Sep-12	05782814.7	2007-Jun-13	EP 1794491	2011-Jun-29	1794491	2025-Sep-11	Yes
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GB	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-18	
GB	2005-Sep-19	14162998.0	2014-Oct-15	EP 2789894	2018-Dec-12	2789894	2025-Sep-18	
GB	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
GB	2005-Sep-20	05783948.2	2007-Jun-27	EP 1800204	2013-Apr-17	1800204	2025-Sep-19	
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GB	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
GB	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
GB	2005-Nov-24	05826628.9		EP 1820373	2011-Jan-26	1820373	2025-Nov-24	
GB	2005-Nov-28	05807221.6	2007-Aug-29	EP 1825515	2015-Nov-25	1825515	2025-Nov-28	Yes
GB	2005-Dec-02	05815525.0		EP 1842399	2017-Oct-04	1842399	2025-Dec-02	
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GB	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
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GB	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
GB	2006-May-10	06744904.1		EP 1889112	2009-Jul-22	1889112	2026-May-10	
GB	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
GB	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
GB	2006-May-23	06771039.2	2008-Mar-05	EP 1893912	2020-Dec-16	1893912	2026-May-23	
GB	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
GB	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	1905273	2026-Jul-05	
GB	2006-Aug-22	06795730.8	2008-May-21	EP 1922902	2018-Oct-10	1922902	2026-Aug-22	Yes
GB	2006-Sep-04	0804515.5		GB2443778A	2010-Sep-08	2443778	2026-Sep-03	Yes
GB	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-14	Yes
GB	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-14	Yes
GB	2006-Sep-25	06821145.7	2008-Jun-18	EP 1932394	2016-Apr-27	1932394	2026-Sep-24	
GB	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-01	
GB	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-10	Yes
GB	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-10	Yes
GB	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-10	Yes
GB	2006-Oct-16	06809605.6	2008-Jul-16	EP 1943880	2013-Apr-24	1943880	2026-Oct-15	Yes
GB	2006-Nov-07	06821351.1		EP 1948995	2010-Apr-28	1948995	2026-Nov-07	
GB	2006-Nov-13	06821415.4	2008-Aug-06	EP 1952055	2019-Jan-09	1952055	2026-Nov-13	
GB	2006-Nov-13	18193342.5	2019-Feb-27	EP 3447366	2020-Oct-21	3447366	2026-Nov-13	
GB	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
GB	2006-Dec-05	06832090.2		EP 1963733	2011-Mar-02	1963733	2026-Dec-05	Yes
GB	2006-Dec-06	06832117.3	2008-Sep-03	EP 1964451	2011-Jul-06	1964451	2026-Dec-06	
GB	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
GB	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
GB	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
GB	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
GB	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
GB	2007-Feb-26	07751851.2	2007-Sep-07	EP1994389	2015-Jun-17	602007041794.5	2027-Feb-26	Yes
GB	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
GB	2007-Mar-08	07710709.2	2008-Dec-03	EP 1996857	2016-May-25	1996857	2027-Mar-08	
GB	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
GB	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
GB	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124	2027-May-31	Yes
GB	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
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GB	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
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GB	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
GB	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
GB	2007-Aug-17	07800472.8	2009-May-06	EP 2054662	2014-Oct-08	2054662	2027-Aug-17	
GB	2007-Aug-22	07800465.2	2009-May-13	EP 2057867	2016-Nov-09	2057867	2027-Aug-22	
GB	2007-Sep-18	07826420.7		EP 2074658	2010-Mar-24	2074658	2027-Sep-17	
GB	2007-Sep-20	07826475.1	2009-Jul-15	EP 2078446	2013-Apr-10	2078446	2027-Sep-19	
GB	2007-Sep-20	07815866.4	2009-Jun-10	EP 2067381	2016-Sep-14	2067381	2027-Sep-19	
GB	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-19	
GB	2007-Oct-11	07826710.1	2009-Jul-01	EP 2074451	2018-Aug-15	2074451	2027-Oct-10	
GB	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-11	Yes
GB	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-18	
GB	2007-Oct-31	07816094.2	2009-Aug-12	EP 2087772	2017-Sep-06	2087772	2027-Oct-30	
GB	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
GB	2007-Nov-08	07827030.3		EP 2084945	2010-Mar-31	2084945A	2027-Nov-08	Yes
GB	2007-Nov-09	07840007.4		EP 2082621	2010-Jul-14	2082621	2027-Nov-09	
GB	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
GB	2007-Nov-27	07849266.7	2009-Aug-26	EP 2092669	2013-Jun-26	2092669	2027-Nov-27	
GB	2007-Dec-07	10194284.5	2011-Mar-30	EP 2302983	2019-Oct-09	2302983	2027-Dec-07	
GB	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	2103190	2027-Dec-07	
GB	2007-Dec-11	07855501.8	2009-Aug-26	EP 2092797	2012-Nov-21	2092797	2027-Dec-11	
GB	2007-Dec-17	07849526.4	2009-Sep-02	EP 2095353	2019-May-01	2095353	2027-Dec-17	Yes
GB	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
GB	2008-Mar-12	18185781.4	2019-Apr-17	EP 3471513	2020-Oct-07	3471513	2028-Mar-12	Yes
GB	2008-Mar-19	08719767.9		EP 2126463	2010-Oct-27	2126463	2028-Mar-19	
GB	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
GB	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
GB	2008-Apr-11	08737808.9	2010-Jan-06	EP 2140502	2017-Apr-05	2140502	2028-Apr-11	Yes
GB	2008-Apr-21	08737928.5		EP 2143304	2010-Sep-15	2143304	2028-Apr-21	
GB	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
GB	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	2147576	2028-Apr-28	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
GB	2008-May-01	14195242.4	2015-Apr-22	EP 2863104	2019-Jul-10	2863104	2028-May-01	
GB	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
GB	2008-May-02	08747429.2	2010-Jan-27	EP 2147244	2015-Dec-02	2147244	2028-May-02	
GB	2008-May-05	08738079.6	2010-Jan-27	EP 2147349	2013-Jul-17	2147349	2028-May-05	Yes
GB	2008-May-19	13160382.1	2013-Jun-26	EP 2607169	2021-Jul-07	2607169		Yes
GB	2008-May-26	08763104.0	2010-Feb-10	EP 2150851	2015-Mar-11	2150851	2028-May-26	Yes
GB	2008-May-30	08763152.9	2010-Mar-10	EP 2160731	2016-Jul-13	2160731	2028-May-30	
GB	2008-Jun-23	08763422.6	2010-Mar-17	EP 2163132	2013-Oct-09	2163132	2028-Jun-23	
GB	2008-Jun-30	08789176.8	2010-Mar-24	EP 2165576	2018-Aug-08	2165576	2028-Jun-30	
GB	2008-Jul-21	08789379.8		EP 2174531	2013-Jun-05	2174531	2028-Jul-21	
GB	2008-Aug-14	08789608.0		EP 2181565	2011-Apr-27	2181565	2028-Aug-14	
GB	2008-Sep-16	08807680.7	2010-Jul-07	EP 2203679	2012-May-30	2203679	2028-Sep-15	Yes
GB	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-07	
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GB	2008-Nov-24	08855505.7	2010-Aug-18	EP 2218308	2013-Jun-19	2218308	2028-Nov-24	
GB	2008-Nov-28	0821727.5	2010-Jun-09	GB 20080021727	2011-Nov-16	2465966	2028-Nov-28	
GB	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
GB	2008-Dec-16	08862035.6	2010-Oct-06	EP 2235589	2018-Jul-25	2235589	2028-Dec-16	
GB	2008-Dec-22	08863774.9	2010-Oct-06	EP 2235435	2013-Sep-11	2235435	2028-Dec-22	
GB	2008-Dec-29	08870459.8	2010-Sep-22	EP 2229803	2011-Oct-26	2229803	2028-Dec-29	
GB	2009-Jun-12	09761216.2	2011-Mar-02	EP 2288848	2018-Dec-26	2288848	2029-Jun-12	Yes
GB	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	2297516	2029-Jul-10	Yes
GB	2009-Jul-22	09786664.4	2011-May-11	EP 2319275	2013-Nov-20	2319275	2029-Jul-22	
GB	2009-Jul-22	09786669.3	2011-May-04	EP 2316251	2012-May-09	2316251	2029-Jul-22	
GB	2009-Aug-13	09807313.3	2010-Feb-18	EP2326870	2017-Jan-25	602009043996.0	2029-Aug-13	Yes
GB	2009-Sep-02	18205881.8	2019-Jun-12	EP 3496511	2021-Feb-24	3496511	2029-Sep-01	Yes
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GB	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
GB	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
GB	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
GB	2009-Nov-30	09774962.6	2011-Nov-16	EP 2386044	2015-Jul-29	2386044	2029-Nov-30	
GB	2010-Jan-04	10702737.7	2011-Nov-16	EP 2386045	2015-Jun-17	2386045	2030-Jan-04	
GB	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
GB	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
GB	2010-Mar-30	10713725.9	2012-Feb-08	EP 2414876	2017-Aug-23	2414876	2030-Mar-30	Yes
GB	2010-Mar-31	10713726.7	2012-Feb-15	EP 2417219	2013-May-29	2417219	2030-Mar-31	Yes
GB	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
GB	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
GB	2010-Apr-23	10717845.1	2012-Mar-21	EP 2427688	2019-Sep-18	2427688	2030-Apr-23	Yes
GB	2010-May-05	10719619.8	2012-Mar-28	EP 2433471	2018-Jul-18	2433471	2030-May-05	Yes
GB	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
GB	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
GB	2010-May-26	10727919.2	2012-Apr-04	EP 2435754	2016-Apr-27	2435754	2030-May-26	Yes
GB	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	2438647	2030-Jun-04	Yes
GB	2010-Jun-09	10728345.9	2012-Apr-25	EP 2443624	2014-Jan-08	2443624	2030-Jun-09	Yes
GB	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
GB	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
GB	2010-Jun-15	10730851.2	2012-Apr-25	EP 2443910	2013-Oct-09	2443910	2030-Jun-15	Yes
GB	2010-Jun-22	10731600.2	2012-May-02	EP 2446708	2019-Mar-27	2446708	2030-Jun-22	Yes
GB	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
GB	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
GB	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	2457418	2030-Jul-19	Yes
GB	2010-Jul-27	10745008.2	2012-Jun-06	EP 2460389	2013-May-01	2460389	2030-Jul-27	Yes
GB	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
GB	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	2471344	2030-Aug-18	Yes
GB	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Aug-31	Yes
GB	2010-Sep-07	10760057.9	2012-Jul-25	EP 2478743	2014-Jun-11	2478743	2030-Sep-06	Yes
GB	2010-Sep-09	10760066.0	2012-Aug-08	EP 2480829	2014-Apr-16	2480829	2030-Sep-08	Yes
GB	2010-Sep-13	10760080.1	2012-Jul-25	EP 2478289	2013-Jun-05	2478289	2030-Sep-12	Yes
GB	2010-Oct-18	10825478.0	2012-Aug-29	EP 2491767	2017-Apr-12	2491767	2030-Oct-17	Yes
GB	2010-Oct-29	10782402.1	2012-Sep-12	EP 2497339	2017-Sep-20	2497339	2030-Oct-28	Yes
GB	2010-Nov-22	10793052.1	2012-Oct-24	EP 2513552	2019-Sep-11	2513552	2030-Nov-22	Yes
GB	2010-Nov-30	10805503.9	2012-Oct-17	EP 2510748	2013-Aug-28	2510748	2030-Nov-30	Yes
GB	2010-Dec-10	10809182.8	2012-Oct-24	EP 2514273	2015-May-06	2514273	2030-Dec-10	Yes
GB	2010-Dec-13	10810795.4	2012-Nov-14	EP 2521879	2015-Apr-29	2521879	2030-Dec-13	Yes
GB	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
GB	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
GB	2011-Apr-01	11719657.6	2013-Feb-13	EP 2556294	2015-Mar-25	2556294	2031-Apr-01	
GB	2011-Apr-22	11723662.0	2013-Mar-06	EP 2564669	2018-Aug-29	2564669	2031-Apr-22	Yes
GB	2011-Apr-27	11721826.3	2013-Mar-20	EP 2569576	2016-Jul-06	2569576	2031-Apr-27	Yes
GB	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
GB	2011-Jun-24	11738309.1	2013-May-29	EP 2596554	2014-Oct-29	2596554	2031-Jun-24	Yes
GB	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	2591275	2031-Jun-30	Yes
GB	2011-Jul-14	11748743.9	2013-May-29	EP 2596278	2017-Jun-21	2596278	2031-Jul-14	Yes
GB	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
GB	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
GB	2011-Aug-05	11754507.9	2013-Jul-10	EP 2612463	2014-Apr-16	2612463	2031-Aug-05	Yes
GB	2011-Aug-11	11754522.8	2013-Jun-26	EP 2606274	2018-Mar-28	2606274	2031-Aug-11	Yes
GB	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006	2018-Mar-28	2644006	2031-Nov-15	Yes
GB	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
GB	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
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GB	2012-Jan-11	12703883.4	2013-Nov-20	EP 2663806	2018-Jan-03	2663806	2031-Jan-14	Yes
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GB	2012-Jul-05	12748783.3	2014-May-21	EP 2732525	2016-Apr-20	2732525	2032-Jul-05	Yes
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GB	2012-Aug-30	12784067.6	2014-Jul-09	EP 2752089	2016-Nov-30	2752089	2032-Aug-30	Yes
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GB	2012-Dec-11	12820908.7	2014-Jul-02	EP 2748688	2019-Feb-20	2748688	2031-Dec-13	Yes
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GB	2013-Jan-10	13705570.3	2014-Nov-19	EP 2802805	2017-Oct-18	2802805	2033-Jan-10	Yes
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GB	2013-Jan-25	13709554.3	2014-Dec-10	EP 2810533	2015-Aug-05	EP2810533	2033-Jan-25	Yes
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GB	2013-Feb-08	13713975.4	2014-Oct-08	EP 2786640	2015-Jul-22	2786640	2033-Feb-08	Yes
GB	2013-Feb-22	13717318.3	2014-Dec-31	EP 2818028	2017-Apr-12	2818028	2033-Feb-22	Yes
GB	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
GB	2013-Mar-07	13720567.0	2015-Feb-04	EP 2832183	2016-May-18	2832183	2033-Mar-07	Yes
GB	2013-Mar-08	13721393.0	2015-Jan-28	EP 2829158	2016-May-18	2829158	2033-Mar-08	Yes
GB	2013-Mar-11	13722822.7	2015-Jan-28	EP 2829159	2020-Aug-26	2829159	2033-Mar-11	Yes
GB	2013-Mar-20	13721401.1	2015-Feb-04	EP 2832184	2016-Jan-13	2832184	2033-Mar-20	Yes
GB	2013-Apr-04	13724395.2	2015-Feb-11	EP 2834842	2018-Jul-04	2834842	2033-Apr-04	Yes
GB	2013-Apr-04	18167770.9	2018-Oct-03	EP 3382755	2020-Jan-08	3382755	2033-Apr-04	Yes
GB	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204	2033-Apr-16	Yes
GB	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
GB	2013-Apr-26	13727386.8	2015-Mar-18	EP 2848091	2018-Nov-28	2848091	2033-Apr-26	Yes
GB	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
GB	2013-Jun-17	13750382.7	2015-May-06	EP 2867982	2016-Mar-16	2867982	2033-Jun-17	Yes
GB	2013-Jul-10	13765478.6	2015-May-20	EP 2873310	2019-Feb-27	2873310	2033-Jul-10	Yes
GB	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes
GB	2013-Jul-24	13745301.5			2018-Dec-12	2878171	2033-Jul-24	Yes
GB	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265	2033-Sep-16	Yes
GB	2013-Nov-06	13852913.6	2015-Sep-16	EP2917633				Yes
GB	2013-Dec-02	13805599.1	2015-Oct-21	EP 2932797	2017-Oct-04	2932797	2033-Dec-02	Yes
GB	2013-Dec-05	13818438.7	2015-Oct-14	EP 2929238	2018-Feb-21	2929238	2033-Dec-05	Yes
GB	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023	2034-Mar-12	Yes
GB	2014-Apr-02	14718773.6	2016-Feb-10	EP 2982221	2021-Aug-04	2982221		Yes
GB	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
GB	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541	2034-Jul-09	Yes
GB	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
GB	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
GB	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
GB	2014-Oct-14	14793310.5	2016-Aug-24	EP 3058794	2018-Aug-29	3058794	2034-Oct-13	Yes
GB	2014-Oct-24	14787195.8	2016-Sep-14	EP 3066889	2017-Jun-28	3066889	2034-Oct-23	Yes
GB	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-27	Yes
GB	2014-Nov-12	EP14799386.9	2016-Sep-28	EP 3072359	2019-Mar-20	3072359	2034-Nov-12	Yes
GB	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980	2034-Dec-23	Yes
GB	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	3071881	2035-Feb-03	Yes
GB	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
GB	2015-Feb-23	EP15706017.9	2016-Aug-31	EP	2017-Apr-12	3061320	2035-Feb-23	Yes
GB	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
GB	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	3056066	2035-Jun-08	Yes
GB	2015-Jun-24	EP15731323.0	2017-May-10	3164928-A	2019-Aug-07	3164928	2035-Jun-24	Yes
GB	2015-Jul-16	15738350.6	2017-May-31	EP 3172481	2018-May-09	3172481	2035-Jul-16	Yes
GB	2015-Sep-30	EP15784476.2	2017-Aug-09	EP 3201524	2018-Feb-28	3201524	2035-Sep-29	Yes
GB	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317	2020-Jan-08	3216317	2035-Nov-03	Yes
GB	2016-Apr-04	16713475.8	2018-Feb-14	EP 3281270	2019-Jan-09	3281270	2036-Apr-04	Yes
GB	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959	2018-Jun-20	3259959	2036-Apr-20	Yes
GB	2016-Aug-05	EP16182950.2	2017-Mar-08	EP 3139086	2018-May-23	3139086	2036-Aug-05	Yes
GB	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
GB	2016-Nov-22	16798529.0	2018-Oct-03	EP 3381242	2020-Jul-01	3381242	2036-Nov-22	Yes
GB	2017-Dec-18	20151415.5	2020-Jun-24	EP 3671010	2021-Nov-10	3671010		Yes
GB	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792		Yes
GR	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
GR	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
GR	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
GR	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
HK	1998-Aug-26	00104718.3	2000-Nov-10	1025416	2002-Nov-01	1025416	2018-Aug-26	
HK	2001-Apr-24	08106879.5	2012-Jul-27	1112153-B	2012-Jul-27	1112153	2021-Apr-24	
HK	2001-Jun-21	03106910.1	2003-Dec-12	1054839A	2012-Oct-05	1054839B	2021-Jun-21	
HK	2004-Apr-21	06108506.4	2006-Nov-03	1088431	2016-Aug-19	1088431B	2024-Apr-21	
HK	2005-Jun-23	08101283.6	2014-Jun-20	1110661B	2014-Jun-20	08101283.6	2025-Jun-23	
HK	2005-Oct-12	08104443.7	2012-Aug-31	1114958-B	2012-Aug-31	1114958	2025-Oct-12	
HK	2005-Dec-02	08102545.8			2012-Aug-10	HK1111856	2025-Dec-02	
HK	2010-Jul-07	12107883.1	2012-Nov-23	HK 1167202	2016-Sep-21	1167202B	2030-Jul-07	Yes
HR	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
HU	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	E007648	2023-Aug-28	
HU	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
HU	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
HU	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
HU	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
HU	2006-May-24	06765708.0			2009-Mar-18	E005833	2026-May-24	
HU	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
HU	2017-Dec-18	20151415.5	2020-Jun-24	EP 3671010	2021-Nov-10	3671010		Yes
ID	2010-Apr-23	W-00 2011 04014	2012-Jun-28	2012/02941-A			2030-Apr-23	Yes
ID	2013-Dec-05	P-00 2015 03382	2016-Jun-17	2016/04002	2019-Jan-08	IDP000055643	2033-Dec-05	Yes
ID	2014-Jul-09	P-00 2016 00485			2019-Jun-17	IDP000059636	2034-Jul-09	Yes
IE	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
IE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
IE	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
IE	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
IE	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
IE	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
IE	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
IE	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
IE	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
IE	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
IE	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
IE	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
IE	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
IE	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
IE	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
IE	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
IE	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
IE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
IE	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
IN	1999-Sep-17	IN/PCT/00/00088			2007-Oct-08	210549	2019-Sep-17	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IN	2000-Jun-22	IN/PCT/01/00256			2007-Nov-13	211993	2020-Jun-22	Yes
IN	2004-Jul-21	949/DELNP/2006					2024-Jul-21	
IN	2005-Jun-23	1611/MUMNP/2006					2025-Jun-23	
IN	2005-Oct-12	683/MUMNP/2007					2025-Oct-12	
IN	2005-Oct-12	684/MUMNP/2007					2025-Oct-12	
IN	2005-Dec-02	2338/KOLNP/2007			2015-Nov-30	270149	2025-Dec-02	
IN	2005-Dec-16	413/MUMNP/2008					2025-Dec-16	
IN	2006-May-11	5409/CHENP/2007			2016-Mar-11	271955	2026-May-11	
IN	2006-May-24	5411/CHENP/2007			2015-Jun-16	266914	2026-May-24	
IN	2006-Sep-15	1527/CHENP/2008			2016-May-31	273359	2026-Sep-15	Yes
IN	2006-Sep-25	1494/CHENP/2008			2021-Apr-30	365765	2026-Sep-25	
IN	2006-Oct-16	2083/CHENP/2008			2016-Mar-21	272161	2026-Oct-16	Yes
IN	2006-Nov-13	2472/CHENP/2008			2016-Dec-16	278219	2026-Nov-13	
IN	2006-Nov-20	2527/CHENP/2008			2017-Jan-20	279420	2026-Nov-20	
IN	2006-Dec-12	2959/CHENP/2008			2016-Nov-09	277063	2026-Dec-12	Yes
IN	2007-Jan-10	3715/CHENP/2008			2017-Mar-09	281232	2027-Jan-10	
IN	2007-Jan-26	4002/CHENP/2008			2016-Oct-19	276394	2027-Jan-26	
IN	2007-Mar-02	4704/CHENP/2008			2016-Oct-21	276461	2027-Mar-02	
IN	2007-Apr-20	5937/CHENP/2008			2016-Aug-05	274743	2027-Apr-20	
IN	2007-Jun-19	6765/CHENP/2008			2018-Apr-09	295589	2027-Jun-19	
IN	2007-Jul-03	126/CHENP/2009			2017-Dec-22	290983	2027-Jul-03	
IN	2007-Jul-27	525/CHENP/2009					2027-Jul-27	
IN	2007-Aug-09	4602/CHENP/2009			2018-Dec-19	304668	2027-Aug-09	
IN	2007-Aug-10	883/CHENP/2009					2027-Aug-10	
IN	2007-Aug-17	882/CHENP/2009			2018-Feb-13	292863	2027-Aug-17	
IN	2007-Aug-22	974/CHENP/2009			2018-May-31	297272	2027-Aug-22	
IN	2007-Aug-30	1362/CHENP/2009					2027-Aug-30	
IN	2007-Sep-03	1845/CHENP/2009					2027-Sep-03	
IN	2007-Sep-18	2289/CHENP/2009			2020-Jul-08	340926	2027-Sep-18	
IN	2007-Sep-20	2428/CHENP/2009					2027-Sep-20	
IN	2007-Sep-20	2426/CHENP/2009			2019-May-02	312219	2027-Sep-20	
IN	2007-Sep-20	2431/CHENP/2009			2020-Jul-07	340703	2027-Sep-20	
IN	2007-Sep-20	2045/CHENP/2009			2019-Nov-27	325958	2027-Sep-20	
IN	2007-Oct-11	2645/CHENP/2009			2017-Oct-09	288178	2027-Oct-11	
IN	2007-Oct-12	2642/CHENO/2009			2018-Jan-18	291839	2027-Oct-12	Yes
IN	2007-Oct-19	2701/CHENP/2009			2017-Jul-11	285046	2027-Oct-19	
IN	2007-Oct-31	3012/CHENP/2009			2017-Oct-19	288532	2027-Oct-31	
IN	2007-Nov-08	3282/CHENP/2009			2017-Oct-24	288605	2027-Nov-08	Yes
IN	2007-Nov-09	3217/CHENP/2009			2019-Nov-22	325602	2027-Nov-09	
IN	2007-Nov-27	3697/CHENP/2009			2019-Apr-04	310884	2027-Nov-27	
IN	2007-Nov-27	3470/CHENP/2009			2017-Nov-08	289384	2027-Nov-27	
IN	2007-Dec-07	3934/CHENP/2009			2019-Jul-09	315725	2027-Dec-07	
IN	2007-Dec-10	4071/CHENP/2009					2027-Dec-10	
IN	2007-Dec-11	4031/CHENP/2009			2017-Dec-05	290267	2027-Dec-11	
IN	2007-Dec-11	4032/CHENP/2009			2019-Aug-14	318170	2027-Dec-11	
IN	2007-Dec-12	4067/CHENP/2009					2027-Dec-12	
IN	2007-Dec-17	4206/CHENP/2009			2019-Aug-13	318105	2027-Dec-17	Yes
IN	2008-Mar-19	6076/CHENP/2009			2019-Oct-22	323437	2028-Mar-19	
IN	2008-Mar-31	6310/CHENP/2009			2017-Jul-31	285915	2028-Mar-31	
IN	2008-Apr-11	6602/CHENP/2009			2018-Mar-26	294852	2028-Apr-11	Yes
IN	2008-Apr-23	6827/CHENP/2009			2018-Jan-10	291584	2028-Apr-23	
IN	2008-Apr-30	7331/CHENP/2009					2028-Apr-30	
IN	2008-May-01	6974/CHENP/2009			2017-Nov-02	289132	2028-May-01	
IN	2008-May-02	7026/CHENP/2009			2017-Oct-17	288489	2028-May-02	
IN	2008-May-02	7333/CHENP/2009			2019-Sep-12	320268	2028-May-02	
IN	2008-Jun-09	121/CHENP/2010					2028-Jun-09	
IN	2008-Jul-25	1007/CHENP/2010					2028-Jul-25	
IN	2008-Sep-16	2280/CHENP/2010			2018-Mar-15	294365	2028-Sep-16	Yes
IN	2008-Oct-08	2584/CHENP/2010			2020-May-19	337087	2028-Oct-08	
IN	2008-Dec-02	4134/CHENP/2010			2019-Mar-26	309898	2028-Dec-02	
IN	2008-Dec-02	4135/CHENP/2010			2019-Oct-17	323100	2028-Dec-02	
IN	2008-Dec-22	4501/CHENP/2010					2028-Dec-22	
IN	2008-Dec-29	4633/CHENP/2010			2020-Sep-07	346189	2028-Dec-29	
IN	2009-Apr-03	6994/CHENP/2010	2011-Jul-22	6994/CHENP/2010			2029-Apr-03	
IN	2009-May-20	8111/CHENP/2010			2018-Oct-09	301984	2029-May-20	Yes
IN	2009-Jun-12	177/CHENP/2011			2020-Aug-27	345327	2029-Jun-12	Yes
IN	2009-Jul-10	800/CHENP/2011			2020-Feb-17	332145	2029-Jul-10	Yes
IN	2009-Jul-22	1260/CHENP/2011			2018-Jul-05	298534	2029-Jul-22	
IN	2009-Nov-12	4162/CHENP/2011			2020-Jun-23	339131	2029-Nov-12	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IN	2009-Nov-27	4708/CHENP/2011			2019-Mar-07	308776	2029-Nov-27	Yes
IN	2009-Nov-30	5643/CHENP/2011			2018-Aug-02	299664	2029-Nov-30	
IN	2010-Jan-04	5641/CHENP/2011			2020-Oct-29	350548	2030-Jan-04	
IN	2010-Jan-05	5642/CHENP/2011					2030-Jan-05	
IN	2010-Mar-15	7601/CHENP/2011			2019-Oct-17	323083	2030-Mar-15	Yes
IN	2010-Mar-30	7929/CHENP/2011			2019-Mar-14	309228	2030-Mar-30	Yes
IN	2010-Mar-31	8026/CHENP/2011			2020-Nov-04	350833	2030-Mar-31	Yes
IN	2010-Apr-01	201948035723						Yes
IN	2010-Apr-01	8340/CHENP/2011					2030-Apr-01	Yes
IN	2010-Apr-23	8629/CHENP/2011			2020-Mar-20	335480	2030-Apr-23	Yes
IN	2010-May-05	9452/CHENP/2011			2018-Sep-05	300747	2030-May-05	Yes
IN	2010-May-21	9567/CHENP/2011			2020-Sep-28	347990	2030-May-21	Yes
IN	2010-May-26	9568/CHENP/2011			2020-Feb-12	331757	2030-May-26	Yes
IN	2010-Jun-04	IB2010/052491					2030-Jun-04	Yes
IN	2010-Jun-09	272/CHENP/2012					2030-Jun-09	Yes
IN	2010-Jun-11	277/CHENP/2012			2020-Aug-12	343969	2030-Jun-11	Yes
IN	2010-Jun-14	298/CHENP/2012			2020-Aug-14	344131	2030-Jun-14	Yes
IN	2010-Jun-15	271/CHENP/2012			2021-Jan-14	355861	2030-Jun-15	Yes
IN	2010-Jul-14	975/CHENP/2012					2030-Jul-14	
IN	2010-Aug-18	1526/CHENP/2012					2030-Aug-18	Yes
IN	2010-Aug-30	1590/CHENP/2012			2019-Sep-30	322045	2030-Aug-30	Yes
IN	2010-Sep-01	1713/CHENP/2012			2020-Jun-11	338374	2030-Sep-01	Yes
IN	2010-Sep-07	2429/CHENP/2012			2018-Oct-03	301800	2030-Sep-07	Yes
IN	2010-Sep-09	2155/CHENP/2012			2019-Nov-15	325155	2030-Sep-09	Yes
IN	2010-Sep-09	2157/CHENP/2012			2020-Jan-02	328838	2030-Sep-09	Yes
IN	2010-Sep-29	2777/CHENP/2012			2020-Jun-17	338626	2030-Sep-29	Yes
IN	2010-Oct-07	3894/CHENP/2012	2014-Feb-14	894/CHENP/2012-A			2030-Oct-07	
IN	2010-Oct-29	3461/CHENP/2012			2019-Jun-24	314555	2030-Oct-29	Yes
IN	2010-Nov-22	5138/CHENP/2012			2021-Mar-17	361701	2030-Nov-22	Yes
IN	2010-Nov-30	4268/CHENP/2012					2030-Nov-30	Yes
IN	2010-Dec-10	4628/CHENP/2012			2021-Jul-27	372942	2030-Dec-10	Yes
IN	2011-Feb-28	7115/CHENP/2012			2019-Dec-09	326951	2031-Feb-28	Yes
IN	2011-Mar-11	7755/CHENP/2012			2021-Mar-08	360445	2031-Mar-11	Yes
IN	2011-Apr-01	8057/CHENP/2012			2021-May-29	367981	2031-Apr-01	
IN	2011-Apr-27	8526/CHENP/2012			2020-Jan-06	328971	2031-Apr-27	Yes
IN	2011-Jun-24	1048/CHENP/2013	2016-Aug-31	048/CHENP/2013-A			2031-Jun-24	Yes
IN	2011-Jun-30	350/CHENP/2013	2016-May-20	350/CHENP/2013-A	2019-Nov-11	324855	2031-Jun-30	Yes
IN	2011-Jul-14	1046/CHENP/2013	2016-Aug-31	046/CHENP/2013-A			2031-Jul-14	Yes
IN	2011-Aug-11	1305/CHENP/2013			2021-Jan-19	356055	2031-Aug-11	Yes
IN	2011-Dec-09	5816/CHENP/2013					2031-Dec-09	Yes
IN	2012-Jan-11	6499/CHENP/2013			2021-Aug-11	374346	2032-Jan-11	Yes
IN	2012-Feb-01	6984/CHENP/2013	2016-Jun-17	0984/CHENP/2013-A	2019-Dec-12	327258	2032-Feb-01	Yes
IN	2012-Mar-12	8137/CHENP/2013			2020-Mar-11	334351	2032-Mar-12	Yes
IN	2012-Mar-16	8351/CHENP/2013			2021-Mar-18	361814	2032-Mar-16	Yes
IN	2012-Mar-22	8350/CHENP/2013			2021-Sep-28	378092	2032-Mar-22	Yes
IN	2012-Mar-23	8353/CHENP/2013					2032-Mar-23	Yes
IN	2012-Mar-27	8352/CHENP/2013			2019-Oct-30	323926	2032-Mar-27	Yes
IN	2012-Apr-02	8224/CHENP/2013	2014-Dec-12	0224/CHENP/2013-A	2021-Aug-16	374596	2032-Apr-02	
IN	2012-Apr-03	8531/CHENP/2013					2032-Apr-03	Yes
IN	2012-May-14	9366/CHENP/2013					2032-May-14	Yes
IN	2012-Jul-05	421/CHENP/2014			2020-Feb-05	331310	2032-Jul-05	Yes
IN	2012-Jul-24	664/CHENP/2014			2019-Jul-30	317072	2032-Jul-24	Yes
IN	2012-Oct-05	2303/CHENP/2014					2032-Oct-05	Yes
IN	2012-Oct-12	2381/CHENP/2014					2032-Oct-12	Yes
IN	2012-Oct-17	2654/CHENP/2014					2032-Oct-17	Yes
IN	2012-Oct-19	3663/CHENP/2014					2032-Oct-19	Yes
IN	2012-Oct-19	2538/CHENP/2014			2019-Oct-29	323905	2032-Oct-19	Yes
IN	2012-Oct-29	3404/CHENP/2014			2020-Oct-28	350359	2032-Oct-29	Yes
IN	2012-Nov-16	3658/CHENP/2014					2032-Nov-16	Yes
IN	2012-Dec-11	4755/CHENP/2014					2032-Dec-11	Yes
IN	2013-Jan-02	5395/CHENP/2014					2033-Jan-02	Yes
IN	2013-Jan-02	2647/CHENP/2014					2033-Jan-02	Yes
IN	2013-Jan-02	5398/CHENP/2014					2033-Jan-02	Yes
IN	2013-Jan-10	5544/CHENP/2014					2033-Jan-10	Yes
IN	2013-Jan-15	6040/CHENP/2014	2016-Jul-01	040/CHENP/2014-A			2033-Jan-15	Yes
IN	2013-Jan-18	5980/CHENP/2014	2016-Jul-01	980/CHENP/2014-A			2033-Jan-18	Yes
IN	2013-Jan-25	6044/CHENP/2014	2016-Jul-01	044/CHENP/2014-A	2021-Jun-22	369850	2033-Jan-25	Yes
IN	2013-Jan-25	5984/CHENP/2014	2016-Jul-01	984/CHENP/2014-A	2019-Aug-30	319618	2033-Jan-25	Yes
IN	2013-Feb-08	6256/CHENP/2014	2016-Jul-01	256/CHENP/2014-A	2019-Nov-25	325777	2033-Feb-08	Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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IN	2013-Feb-22	7083/CHENP/2014	2016-Jul-01	1083/CHENP/2014	2019-Dec-11	327182	2033-Feb-22	Yes
IN	2013-Feb-22	6342/CHENP/2014	2016-Jul-01	1342/CHENP/2014 A			2033-Feb-22	Yes
IN	2013-Mar-07	7177/CHENP/2014	2016-Jul-01	1177/CHENP/2014-	2021-Jun-18	369669	2033-Mar-07	Yes
IN	2013-Mar-08	7073/CHENP/2014	2016-Jul-01	1073/CHENP/2014-A				Yes
IN	2013-Mar-20	7270/CHENP/2014	2016-Jul-01	1270/CHENP/2014	2021-May-21	367251	2033-Mar-20	Yes
IN	2013-Apr-04	7650/CHENP/2014	2016-Jul-01	1650/CHENP/2014-A				Yes
IN	2013-Apr-26	8358/CHENP/2014	2016-Jul-01	1358/CHENP/2014	2020-Dec-30	354814	2033-Apr-26	Yes
IN	2013-May-22	9058/CHENP/2014	2016-Jul-01	1058/CHENP/2014 A				Yes
IN	2013-Jun-17	133/CHENP/2015	2016-Jul-01	133/CHENP/2015 A				Yes
IN	2013-Jul-10	669/CHENP/2015	2016-Jul-01	1569/CHENP/2015 A				Yes
IN	2013-Jul-12	672/CHENP/2015	2016-Jul-01	1572/CHENP/2015-A				Yes
IN	2013-Sep-17	1936/CHENP/2015			2019-Nov-13	324901	2033-Sep-17	Yes
IN	2013-Dec-02	3977/CHENP/2015						Yes
IN	2013-Dec-05	3828/CHENP/2015						Yes
IN	2014-Mar-12	6604/CHENP/2015			2021-Sep-30	378459		Yes
IN	2014-Apr-02	6862/CHENP/2015	2016-Aug-31	1862/CHENP/2015-	2021-Mar-19	362175	2034-Apr-02	Yes
IN	2014-Jun-04	7943/CHENP/2015						Yes
IN	2014-Jul-09	201647002051						Yes
IN	2014-Jul-23	201647002050						Yes
IN	2014-Aug-19	201647009319	2016-Aug-05	201647009319-A				Yes
IN	2014-Aug-19	202048025647						Yes
IN	2014-Oct-14	201647016574	2016-Aug-31	201647016574-A				Yes
IN	2014-Oct-24	201647019677	2016-Aug-31	201647019677-A				Yes
IN	2014-Nov-12	201647020701	2016-Aug-31	201647020701-A				Yes
IN	2014-Dec-23	4680/CHENP/2015			2021-Feb-25	359610	2034-Dec-23	Yes
IN	2015-Feb-03	201647019512	2016-Aug-31	201647019512-A				Yes
IN	2015-Feb-16	201647032765	2016-Nov-11	201647032765-A				Yes
IN	2015-Feb-23	201647018659	2016-Aug-26	201647018659-A				Yes
IN	2015-Jun-08	201647018226	2016-Aug-05	201647018226-A				Yes
IN	2015-Jun-19	201747002892	2017-May-26	201747002892 A				Yes
IN	2015-Jun-24	201747003833	2017-Jun-02	IN 201747003833				Yes
IN	2015-Jul-16	201747005670	2017-May-26	201747005670 A	2021-Jun-22	369939	2035-Jul-16	Yes
IN	2015-Sep-30	201747014933	2017-May-12	IN 201747014933	2020-Jul-15	341681	2035-Sep-30	Yes
IN	2015-Nov-03	201747019231						Yes
IN	2016-Apr-04	201747038993	2017-Dec-15	IN 201747038993				Yes
IN	2016-Apr-20	201747034432	2017-Oct-06	IN 201747034432	2021-Mar-09	360585	2036-Apr-20	Yes
IN	2016-Aug-05	201847005553			2021-Jun-25	370282	2036-Aug-05	Yes
IN	2016-Nov-22	201847012645						Yes
IN	2017-Dec-18	201947011368						Yes
IN	2020-Nov-10	202048049031						Yes
IT	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
IT	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
IT	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
IT	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
IT	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
IT	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
IT	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
IT	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
IT	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
IT	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
IT	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
IT	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
IT	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
IT	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
IT	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
IT	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
IT	2000-Dec-01	00126263.3	2001-Jun-13	EP 1106915	2002-Sep-25	1106915	2020-Dec-01	Yes
IT	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
IT	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
IT	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
IT	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	2364067	2021-Jun-21	
IT	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
IT	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
IT	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
IT	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-20	Yes
IT	2002-Jan-14	02075145.9	2002-Jul-31	EP 1227559	2011-Jul-27	1227559	2022-Jan-14	Yes
IT	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	1388276	2022-May-10	
IT	2002-May-30	02739485.7		EP 1393599	2010-May-05	1393599	2022-May-30	
IT	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IT	2002-Jul-23	02755430.2	2004-May-06	EP 1415345	2014-Apr-23	1415345	2022-Jul-23	
IT	2002-Sep-17	02773430.0	2004-Jun-16	EP 1428415	2012-Jul-18	1428415	2022-Sep-17	
IT	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	1459600	2022-Dec-19	
IT	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
IT	2003-Nov-11	03758604.7		EP 1568255	2010-Mar-03	1568255	2023-Nov-11	
IT	2003-Dec-11	03777081.5		EP 1576858	2008-Dec-03	1576858	2023-Dec-11	
IT	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
IT	2004-Apr-21	15174450.5	2016-Apr-06	EP 3002512	2018-Sep-19	3002512	2024-Apr-21	
IT	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
IT	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
IT	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
IT	2004-Sep-21	04770043.0	2006-Jun-14	EP 1668622	2017-Apr-26	1668622	2024-Sep-21	
IT	2004-Nov-22	04811765.9		EP 1687692	2010-Apr-28	1687692	2024-Nov-22	
IT	2005-May-30	18167801.2	2018-Oct-03	EP 3383034	2019-Nov-06	3383034	2025-May-30	Yes
IT	2005-May-30	19201299.5	2020-Mar-11	EP 3621301	2021-Apr-21	3621301	2025-May-30	Yes
IT	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	1776628	2025-Jun-23	
IT	2005-Jun-28	05752840.8	2007-Mar-28	EP 1767065	2014-Jun-04	1767065	2025-Jun-28	
IT	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	1769560	2025-Jul-06	Yes
IT	2005-Aug-02	05772133.4	2007-May-09	EP 1782660	2011-Oct-12	1782660	2025-Aug-02	
IT	2005-Sep-19	18184893.8	2019-Jan-16	EP 3428506	2020-Apr-15	3428506	2025-Sep-19	
IT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
IT	2005-Sep-19	14162998.0	2014-Oct-15	EP 2789894	2018-Dec-12	2789894	2025-Sep-19	
IT	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
IT	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
IT	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
IT	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
IT	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
IT	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
IT	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
IT	2006-Apr-19	06727966.1	2006-Nov-02	EP 1878319	2011-Nov-02	1878319	2026-Apr-19	
IT	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
IT	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
IT	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
IT	2006-May-23	06771039.2	2008-Mar-05	EP 1893912	2020-Dec-16	1893912	2026-May-23	
IT	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
IT	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	1905273	2026-Jul-05	
IT	2006-Aug-22	06795730.8	2008-May-21	EP 1922902	2018-Oct-10	1922902	2026-Aug-22	Yes
IT	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
IT	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-15	Yes
IT	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-02	
IT	2006-Oct-11	06812715.8	2008-Jul-02	EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
IT	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
IT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
IT	2006-Nov-13	06821415.4	2008-Aug-06	EP 1952055	2019-Jan-09	1952055	2026-Nov-13	
IT	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
IT	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
IT	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
IT	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
IT	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
IT	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
IT	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
IT	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
IT	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
IT	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
IT	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
IT	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124	2027-May-31	Yes
IT	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
IT	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227	2018-Mar-21	2039227	2027-Jun-20	
IT	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
IT	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
IT	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	
IT	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
IT	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
IT	2007-Oct-31	07816094.2	2009-Aug-12	EP 2087772	2017-Sep-06	2087772	2027-Oct-31	
IT	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
IT	2007-Nov-08	07827030.3		EP 2084945	2010-Mar-31	2084945A	2027-Nov-08	Yes
IT	2007-Nov-09	07840007.4		EP 2082621	2010-Jul-14	2082621	2027-Nov-09	
IT	2007-Nov-27	07849266.7	2009-Aug-26	EP 2092669	2013-Jun-26	2092669	2027-Nov-27	
IT	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IT	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	2103190	2027-Dec-07	
IT	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
IT	2008-Mar-19	08719767.9		EP 2126463	2010-Oct-27	2126463	2028-Mar-19	
IT	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
IT	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
IT	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
IT	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	2147576	2028-Apr-28	
IT	2008-May-01	14195242.4	2015-Apr-22	EP 2863104	2019-Jul-10	2863104	2028-May-01	
IT	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
IT	2008-May-05	08738079.6	2010-Jan-27	EP 2147349	2013-Jul-17	2147349	2028-May-05	Yes
IT	2008-Jun-23	08763422.6	2010-Mar-17	EP 2163132	2013-Oct-09	2163132	2028-Jun-23	
IT	2008-Aug-14	08789608.0		EP 2181565	2011-Apr-27	2181565	2028-Aug-14	
IT	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-08	
IT	2008-Dec-29	08870459.8	2010-Sep-22	EP 2229803	2011-Oct-26	2229803	2028-Dec-29	
IT	2009-Jun-12	09761216.2	2011-Mar-02	EP 2288848	2018-Dec-26	2288848	2029-Jun-12	Yes
IT	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	2297516	2029-Jul-10	Yes
IT	2009-Jul-22	09786669.3	2011-May-04	EP 2316251	2012-May-09	2316251	2029-Jul-22	
IT	2009-Sep-02	09787073.7	2011-Jun-15	EP 2332392	2018-Nov-14	2332392	2029-Sep-02	Yes
IT	2009-Sep-02	18205881.8	2019-Jun-12	EP 3496511	2021-Feb-24	3496511	2029-Sep-02	Yes
IT	2009-Sep-04	09787096.8	2011-Jun-01	EP 2326869	2016-Jun-29	2326869	2029-Sep-04	Yes
IT	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
IT	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
IT	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
IT	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
IT	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
IT	2010-Mar-31	10713726.7	2012-Feb-15	EP 2417219	2013-May-29	2417219	2030-Mar-31	Yes
IT	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
IT	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
IT	2010-May-05	10719619.8	2012-Mar-28	EP 2433471	2018-Jul-18	2433471	2030-May-05	Yes
IT	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
IT	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
IT	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
IT	2010-Jun-22	10731600.2	2012-May-02	EP 2446708	2019-Mar-27	2446708	2030-Jun-22	Yes
IT	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
IT	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
IT	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	2457418	2030-Jul-19	Yes
IT	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
IT	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
IT	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
IT	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
IT	2011-Apr-22	11723662.0	2013-Mar-06	EP 2564669	2018-Aug-29	2564669	2031-Apr-22	Yes
IT	2011-Apr-26	11721372.8	2013-Mar-13	EP 2567402	2016-Sep-07	2567402	2031-Apr-26	Yes
IT	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
IT	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
IT	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
IT	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006	2018-Mar-28	2644006	2031-Nov-15	Yes
IT	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
IT	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
IT	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
IT	2012-Feb-01	12704317.2	2013-Dec-11	EP 2671016	2016-Apr-20	2671016	2032-Feb-01	Yes
IT	2012-Mar-12	18211656.6	2019-May-29	EP 3490342	2020-Jul-15	3490342	2032-Mar-12	Yes
IT	2012-Mar-12	12710360.4	2014-Jan-22	EP 2687065	2019-Jan-02	2687065	2032-Mar-12	Yes
IT	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
IT	2012-Apr-03	12717488.6	2014-Feb-19	EP 2697337	2019-Jun-12	2697337	2032-Apr-03	Yes
IT	2012-Apr-17	12721351.0	2014-Mar-12	EP 2705545	2020-Apr-15	2705545	2032-Apr-17	Yes
IT	2012-Aug-30	12784067.6	2014-Jul-09	EP 2752089	2016-Nov-30	2752089	2032-Aug-30	Yes
IT	2012-Oct-05	12795854.4	2014-Jul-02	EP 2748975	2019-Apr-03	2748975	2032-Oct-05	Yes
IT	2012-Oct-19	12808477.9	2014-Jun-25	EP 2745626	2017-May-10	2745626	2032-Oct-19	Yes
IT	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
IT	2012-Oct-29	12812346.0	2014-Jul-09	EP 2752090	2018-Jan-03	2752090	2032-Oct-29	Yes
IT	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
IT	2013-Jan-10	13705570.3	2014-Nov-19	EP 2802805	2017-Oct-18	2802805	2033-Jan-10	Yes
IT	2013-Jan-25	13710564.9	2014-Dec-10	EP 2810534	2019-Nov-06	2810534	2033-Jan-25	Yes
IT	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
IT	2013-Apr-04	13724395.2	2015-Feb-11	EP 2834842	2018-Jul-04	2834842	2033-Apr-04	Yes
IT	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
IT	2013-Apr-26	13727386.8	2015-Mar-18	EP 2848091	2018-Nov-28	2848091	2033-Apr-26	Yes
IT	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
IT	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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IT	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265	2033-Sep-17	Yes
IT	2013-Dec-05	13818438.7	2015-Oct-14	EP 2929238	2018-Feb-21	2929238	2033-Dec-05	Yes
IT	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023	2034-Mar-12	Yes
IT	2014-Apr-02	14718773.6	2016-Feb-10	EP 2982221	2021-Aug-04	2982221		Yes
IT	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
IT	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541	2034-Jul-09	Yes
IT	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
IT	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
IT	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
IT	2014-Oct-14	14793310.5	2016-Aug-24	EP 3058794	2018-Aug-29	3058794	2034-Oct-14	Yes
IT	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-28	Yes
IT	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980	2034-Dec-23	Yes
IT	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
IT	2015-Feb-23	EP15706017.9	2016-Aug-31	EP	2017-Apr-12	3061320	2035-Feb-23	Yes
IT	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
IT	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	3056066	2035-Jun-08	Yes
IT	2015-Sep-30	EP15784476.2	2017-Aug-09	EP 3201524	2018-Feb-28	3201524	2035-Sep-30	Yes
IT	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317	2020-Jan-08	3216317	2035-Nov-03	Yes
IT	2016-Apr-04	16713475.8	2018-Feb-14	EP 3281270	2019-Jan-09	3281270	2036-Apr-04	Yes
IT	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
IT	2016-Nov-22	16798529.0	2018-Oct-03	EP 3381242	2020-Jul-01	3381242	2036-Nov-22	Yes
IT	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792		Yes
IT	2017-Dec-18	20151415.5	2020-Jun-24	EP 3671010	2021-Nov-10	3671010		Yes
JP	1997-Aug-08	98-512405	2007-Mar-14	P3892909	2006-Dec-15	3892909	2017-Aug-08	
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JP	1998-Jan-22	98-529200	2000-Jun-06	JP 2000507042	2007-Sep-21	4014227	2018-Jan-22	
JP	1998-Jul-14	2000-501644			2010-Aug-27	4574842	2018-Jul-14	Yes
JP	1998-Jul-16	99-510709	2001-Jan-30	JP 2001501361	2008-Jul-25	4159119	2018-Jul-16	
JP	1998-Jul-16	99-510708	2001-Jan-30	JP 2001501360	2009-Feb-20	4260226	2018-Jul-16	
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JP	1998-Dec-17	09-051067			2012-Sep-07	5081181	2018-Dec-17	
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JP	1998-Dec-17	2011-86460			2016-Jan-08	5864881	2018-Dec-17	
JP	1998-Dec-17	2007-186183	2008-Feb-14	JP 2008034385	2010-Feb-05	4451899	2018-Dec-17	
JP	1998-Dec-17	2015-090463			2016-Jul-08	5963287	2018-Dec-17	
JP	1998-Dec-17	2014-115668			2015-Jul-10	5775953	2018-Dec-17	
JP	1999-Sep-08	00-572611	2002-Aug-13	JP 2002525836	2009-Sep-18	4376464	2019-Sep-08	
JP	1999-Sep-17	2000-572951	2003-Oct-07	JP 2003529889	2009-Aug-28	4366016	2019-Sep-17	
JP	1999-Dec-02	08-75819	2008-Aug-28	JP 2008198618	2010-Dec-10	4642870	2019-Dec-02	
JP	2000-Mar-10	2000-608119	2002-Nov-26	JP 2002540576	2011-Jul-15	4783504	2020-Mar-10	Yes
JP	2000-Apr-06	00-613009	2002-Dec-10	JP 2002542588	2010-Jul-09	4545952	2020-Apr-06	Yes
JP	2000-Jun-22	2013-169211			2015-Dec-18	5854406	2020-Jun-22	Yes
JP	2000-Jun-22	11-001641			2013-Nov-22	5415463	2020-Jun-22	Yes
JP	2000-Jun-22	2001-506414	2003-Jan-28	JP 2003503815	2011-Jun-24	4768179	2020-Jun-22	Yes
JP	2000-Jul-14	2001-510276	2003-Feb-04	JP 2003504829	2008-Dec-12	4230145	2020-Jul-14	
JP	2000-Aug-07	01-520040	2003-Mar-04	JP 2003508798	2012-Jul-27	5048190	2020-Aug-07	
JP	2000-Sep-15	01-527610	2003-Mar-18	JP 2003511006	2010-Apr-30	4502353	2020-Sep-15	
JP	2000-Oct-10	01-534928	2003-Apr-08	JP 2003513453	2012-Jan-20	4908709	2020-Oct-10	
JP	2000-Oct-12	01-534929	2003-Apr-08	JP 2003513420	2011-Apr-28	4731079	2020-Oct-12	
JP	2000-Oct-12	01-534931	2003-Apr-08	JP 2003513454	2012-Jan-20	4908710	2020-Oct-12	
JP	2000-Dec-14	01-550730	2003-Jun-24	JP 2003519810	2011-May-13	4741142	2020-Dec-14	Yes
JP	2000-Dec-18	01-552019	2003-Jun-24	JP 2003519896	2010-Nov-05	4620924	2020-Dec-18	
JP	2001-Jan-08	01-557340	2003-Jul-22	JP 2003522393	2011-Apr-28	4731085	2021-Jan-08	
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JP	2001-Jun-21	2002-504188	2004-Jan-15	JP 2004501497	2011-Jul-01	4773673	2021-Jun-21	
JP	2001-Aug-20	01-248530	2002-Apr-26	JP 2002124104	2011-May-27	4749623	2021-Aug-20	
JP	2001-Sep-05	02-526803	2004-Mar-25	JP 2004509431	2011-May-27	4749653	2021-Sep-05	
JP	2001-Nov-09	02-543265	2004-May-13	JP 2004514252	2009-Apr-17	4294954	2021-Nov-09	
JP	2001-Dec-03	02-549030	2004-May-27	JP 2004515891	2008-Apr-25	4116435	2021-Dec-03	
JP	2001-Dec-06	02-551327	2004-Jun-03	JP 2004516666	2009-Apr-03	4287651	2021-Dec-06	Yes
JP	2001-Dec-06	2008-184176	2008-Dec-04	JP 2008293987	2011-Mar-18	4705132	2021-Dec-06	Yes
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JP	2001-Dec-20	03-504009	2004-Sep-30	JP 2004530276	2009-Dec-18	4427320	2021-Dec-21	Yes
JP	2002-Mar-14	02-573484	2004-Jul-02	JP 2004519826	2008-Apr-25	4117196	2022-Mar-14	
JP	2002-May-10	2002-588729	2005-Apr-07	JP 2005509245	2008-Oct-31	4208576	2022-May-10	
JP	2002-May-24	02-592686	2004-Sep-02	JP 2004527138	2011-Jan-07	4657579	2022-May-24	
JP	2002-May-30	2003-501242	2005-Apr-14	JP 2005510007	2009-Jul-31	4351040	2022-May-30	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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JP	2002-Jun-05	2003-502812	2004-Nov-11	JP 2004534355	2008-Aug-22	4173091	2022-Jun-05	
JP	2002-Jul-18	03-514856	2004-Dec-02	JP 2004536433	2008-Jun-13	4139326	2022-Jul-18	
JP	2002-Aug-09	03-521671	2005-Jan-06	JP 2005500680	2009-Aug-21	4360903	2022-Aug-09	
JP	2002-Sep-17	09-29980			2013-Feb-15	5198310	2022-Sep-17	
JP	2002-Sep-17	2003-529819	2005-Feb-10	JP 2005504411	2010-May-28	4518793	2022-Sep-17	
JP	2002-Sep-30	03-535510	2005-Feb-24	JP 2005505940	2009-May-29	4317751	2022-Sep-30	
JP	2002-Nov-15	03-550561	2005-Apr-28	JP 2005512334	2009-Aug-07	4353804	2022-Nov-15	
JP	2002-Dec-09	03-557260	2005-May-12	JP 2005513754	2011-Jan-28	4672259	2022-Dec-09	
JP	2002-Dec-20	03-557257	2005-May-12	JP 2005513819	2010-Dec-10	4642355	2022-Dec-20	
JP	2003-Feb-06	03-568937	2005-Jun-16	JP 2005518102	2010-Nov-26	4633363	2023-Feb-06	
JP	2003-Feb-06	2003-567137	2005-Jun-09	JP 2005517278	2010-Dec-24	4652691	2023-Feb-06	
JP	2003-May-09	04-504577	2005-Aug-18	JP 2005524960	2009-Jul-24	4347794	2023-May-09	
JP	2003-Jun-12	04-515363	2005-Oct-13	JP 2005531140	2010-Jul-30	4558484	2023-Jun-12	
JP	2003-Aug-28	2004-531526	2005-Dec-08	JP 2005537613	2010-Nov-12	4625697	2023-Aug-28	
JP	2003-Sep-03	04-533764	2005-Dec-15	JP 2005538546	2011-Nov-18	4865227	2023-Sep-03	Yes
JP	2003-Dec-03	03-404464	2004-Jul-02	JP 2004186159	2010-Sep-17	4588994	2023-Dec-03	
JP	2003-Dec-11	04-561838	2006-Mar-30	JP 2006511078	2012-Jan-13	4901104	2023-Dec-11	
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JP	2004-Apr-22	2006-506559	2006-Nov-09	JP 2006525664	2012-Mar-30	4959324	2024-Apr-22	
JP	2004-Apr-30	2006-506595	2006-Nov-09	JP 2006525665	2012-Mar-30	4959325	2024-Apr-30	
JP	2004-Jul-21	2006-520640	2006-Dec-14	JP 2006528419	2013-Feb-15	5197957	2024-Jul-21	
JP	2004-Sep-07	06-525258	2007-Mar-08	JP 2007505448	2011-Feb-18	4685016	2024-Sep-07	
JP	2004-Sep-21	06-527545	2007-Mar-22	JP 2007507069	2011-Jan-14	4663644	2024-Sep-21	
JP	2004-Nov-05	06-539036	2007-May-10	JP 2007511903	2012-Nov-02	5122141	2024-Nov-05	
JP	2004-Nov-24	2004-338549	2005-Jun-16	JP 2005158746	2011-Jun-10	4757480	2024-Nov-24	Yes
JP	2005-Mar-14	07-504024	2007-Oct-25	JP 2007529872	2013-Feb-15	5198057	2025-Mar-14	
JP	2005-Mar-14	2013-207551			2015-Apr-24	5735073	2025-Mar-14	
JP	2005-Mar-14	11-088313			2013-Nov-29	5419918	2025-Mar-14	
JP	2005-Mar-23	07-507874	2007-Nov-15	JP 2007533092	2011-Jul-29	4792459	2025-Mar-23	
JP	2005-Apr-27	07-512612	2007-Dec-13	JP 2007536720	2011-Apr-15	4722126	2025-Apr-27	
JP	2005-Jun-01	2005-161004	2005-Dec-15	JP 2005347263	2012-Feb-10	4920907	2025-Jun-01	Yes
JP	2005-Jun-01	2013-104897			2014-Nov-14	5647295	2025-Jun-01	Yes
JP	2005-Jun-01	2011-172691		JP2011243586	2014-Jan-10	5450525	2025-Jun-01	Yes
JP	2005-Jun-03	2013-046390			2016-Jan-15	5867871	2025-Jun-03	
JP	2005-Jun-23	07-518425	2008-Feb-14	JP 2008504654	2011-Jul-15	4782785	2025-Jun-23	
JP	2005-Jun-23	07-518764	2008-Feb-21	JP 2008505436	2011-Mar-04	4694567	2025-Jun-23	
JP	2005-Jun-28	07-518790	2008-Feb-21	JP 2008505439	2011-Jul-29	4790710	2025-Jun-28	
JP	2005-Jul-06	2007-519963			2011-Sep-22	4829228	2025-Jul-06	Yes
JP	2005-Jul-14	07-522092	2008-Mar-13	JP 2008507817	2012-Nov-09	5128279	2025-Jul-14	
JP	2005-Aug-02	07-524453	2008-Mar-27	JP 2008509515	2011-Sep-22	4829230	2025-Aug-02	Yes
JP	2005-Aug-02	07-524454	2008-Mar-27	JP 2008509516	2011-Sep-02	4813484	2025-Aug-02	Yes
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JP	2005-Aug-18	07-533004	2008-May-08	JP 2008515140	2013-May-17	5270160	2025-Aug-18	
JP	2005-Sep-12	2007-531907			2012-Feb-24	4933434	2025-Sep-12	Yes
JP	2005-Sep-19	07-534125			2012-Feb-24	4931819	2025-Sep-19	
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JP	2005-Oct-17	2007-537446			2012-Oct-05	5102037	2025-Oct-17	
JP	2005-Oct-26	07-538580			2012-Jul-27	5048506	2025-Oct-26	
JP	2005-Nov-09	07-542385			2014-Oct-10	5627839	2025-Nov-09	
JP	2005-Nov-24	07-542477			2013-Aug-02	5329091	2025-Nov-24	
JP	2005-Nov-28	2007-543952			2014-Sep-19	5616000	2025-Nov-28	Yes
JP	2005-Dec-02	2007-546202			2013-Jun-07	5285912	2025-Dec-02	
JP	2006-Apr-19	08-508358			2012-Dec-21	5160411	2026-Apr-19	
JP	2006-May-10	08-512970			2011-Aug-26	4808250	2026-May-10	
JP	2006-May-11	08-512973			2012-Aug-24	5069225	2026-May-11	
JP	2006-May-23	2008-513654			2015-Dec-11	5850597	2026-May-23	
JP	2006-May-23	2012-020810			2015-Jul-31	5785503	2026-May-23	
JP	2006-May-24	08-513004			2013-Jul-19	5317694	2026-May-24	
JP	2006-Jul-05	08-520997			2013-Mar-08	5213707	2026-Jul-05	
JP	2006-Aug-28	2006-230054	2007-Mar-15	JP 2007066897	2013-May-31	5281236	2026-Aug-28	Yes
JP	2006-Sep-15	08-532919	2009-Mar-12	JP 2009510752	2012-Sep-28	5096346	2026-Sep-15	Yes
JP	2006-Sep-15	2008-530331	2009-Mar-05	2009-509291	2012-Aug-10	5059008	2026-Sep-15	Yes
JP	2006-Sep-25	2012-151758			2016-Feb-12	5881168	2026-Sep-25	
JP	2006-Sep-25	08-531873	2009-Jun-04	JP 2009521777	2013-Aug-16	5341517	2026-Sep-25	
JP	2006-Sep-25	2015-218688		JP 2016040780	2018-Mar-16	6305966	2026-Sep-25	
JP	2006-Oct-02	08-534125	2009-Mar-19	JP 2009512264	2012-Apr-13	4971338	2026-Oct-02	
JP	2006-Oct-11	08-535482			2013-Oct-18	5390858	2026-Oct-11	Yes
JP	2006-Oct-16	08-537252	2009-Apr-02	JP 2009514206	2013-Jul-12	5311639	2026-Oct-16	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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JP	2006-Nov-13	08-540755			2013-Jul-19	5317699	2026-Nov-13	
JP	2006-Nov-20	08-540774	2009-Apr-23	JP 2009516895	2013-Apr-26	5253176	2026-Nov-20	
JP	2006-Dec-05	08-545166	2009-May-14	JP 2009519577	2012-Jul-06	5033138	2026-Dec-05	Yes
JP	2006-Dec-11	08-543993			2013-Apr-12	5243964	2026-Dec-11	
JP	2006-Dec-12	08-545224			2014-May-16	5543109	2026-Dec-12	Yes
JP	2006-Dec-12	2013-162385			2015-Jun-12	5757981	2026-Dec-12	Yes
JP	2006-Dec-13	08-546734			2014-Feb-28	5483527	2026-Dec-13	
JP	2007-Jan-10	08-550883			2013-Mar-29	5231248	2027-Jan-10	
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JP	2007-Apr-20	2009-508558	2009-Oct-01	JP 2009535833	2014-Mar-07	5491855	2027-Apr-20	
JP	2007-May-02	2009-508612	2009-Oct-01	JP 2009536779	2013-Jan-25	5185257	2027-May-02	
JP	2007-May-31	09-512750			2014-Oct-10	5629092	2027-May-31	Yes
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JP	2007-Sep-18	09-529809			2014-Jan-10	5451392	2027-Sep-18	
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JP	2007-Oct-31	09-533629			2013-Aug-30	5350251	2027-Oct-31	
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JP	2007-Nov-27	09-538417			2013-Oct-25	5396278	2027-Nov-27	
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JP	2007-Dec-17	2009-542347			2013-Jul-26	5324466	2027-Dec-17	Yes
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JP	2008-Apr-04	10-501646			2013-Aug-30	5349453	2028-Apr-04	
JP	2008-Apr-04	2013-170724			2015-Sep-11	5805718	2028-Apr-04	
JP	2008-Apr-11	2010-503634	2010-Jul-22	2010-525512A			2028-Apr-11	Yes
JP	2008-Apr-21	10-504932			2014-Apr-11	5519490	2028-Apr-21	
JP	2008-Apr-23	10-504945			2013-Aug-16	5341067	2028-Apr-23	
JP	2008-Apr-28	10-504964			2013-Jun-28	5301529	2028-Apr-28	
JP	2008-Apr-30	2010-507530					2028-Apr-30	
JP	2008-May-01	2010-504986			2013-Dec-27	5441886	2028-May-01	
JP	2008-May-02	10-506686			2014-May-16	5542658	2028-May-02	
JP	2008-May-02	2010-507545			2013-Sep-13	5363462	2028-May-02	
JP	2008-May-05	10-507032			2012-Mar-23	4955101	2028-May-05	Yes
JP	2008-May-26	2010-509933			2013-Jun-14	5290279	2028-May-26	Yes
JP	2008-May-30	10-510926			2011-Oct-28	4850969	2028-May-30	
JP	2008-Jun-23	10-514203			2017-Mar-10	6105191	2028-Jun-23	
JP	2008-Jun-30	10-514221			2013-Aug-09	5337153	2028-Jun-30	
JP	2008-Jul-21	10-517525			2013-Nov-15	5409622	2028-Jul-21	
JP	2008-Aug-06	2010-519558	2010-Nov-25	JP 2010536139	2015-Jul-31	5785393	2028-Aug-06	
JP	2008-Aug-14	10-520668			2014-Mar-07	5490694	2028-Aug-14	
JP	2008-Sep-16	10-526396			2013-Sep-27	5371990	2028-Sep-16	Yes
JP	2008-Oct-08	10-529004			2013-Sep-06	5357886	2028-Oct-08	
JP	2008-Nov-24	10-535490			2013-Aug-16	5341101	2028-Nov-24	
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JP	2008-Dec-16	10-539006			2014-Feb-14	5475684	2028-Dec-16	
JP	2008-Dec-22	2010-539035			2013-May-02	5259729	2028-Dec-22	
JP	2008-Dec-29	2010-540211			2015-Nov-13	5836591	2028-Dec-29	
JP	2009-Apr-03	2011-502393	2011-May-26	JP 2011517024	2014-Aug-01	5584919	2029-Apr-03	
JP	2009-May-20	2011-511133	2011-Jul-28	JP 2011522368	2014-May-09	5536043	2029-May-20	Yes
JP	2009-Jun-12	11-512795			2014-May-09	5539338	2029-Jun-12	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	2009-Jul-10	2011-517302			2013-Dec-13	5432255	2029-Jul-10	Yes
JP	2009-Jul-22	2011-520630			2014-Apr-04	5514206	2029-Jul-22	
JP	2009-Jul-22	2011-520631			2014-Apr-11	5519667	2029-Jul-22	
JP	2009-Sep-02	2011-528457			2014-Mar-14	5498499	2029-Sep-02	Yes
JP	2009-Sep-04	2011-526601			2013-Dec-20	5438766	2029-Sep-04	Yes
JP	2009-Oct-02	2011-530602			2014-May-09	5536075	2029-Oct-02	Yes
JP	2009-Nov-03	2011-533919			2014-Mar-07	5490812	2029-Nov-03	Yes
JP	2009-Nov-12	2011-543874			2014-Apr-11	5519701	2029-Nov-12	Yes
JP	2009-Nov-12	2013-244461			2015-Jun-26	5767304	2029-Nov-12	Yes
JP	2009-Nov-12	2015-122491			2017-May-19	6143810	2029-Nov-12	Yes
JP	2009-Nov-27	2011-539135			2014-May-16	5544372	2029-Nov-27	Yes
JP	2009-Nov-30	2011-544931			2015-Mar-13	5711147	2029-Nov-30	
JP	2010-Jan-04	2011-544950			2014-May-30	5551714	2030-Jan-04	
JP	2010-Jan-05	2011-544951			2015-Apr-24	5734204	2030-Jan-05	
JP	2010-Mar-15	2012-501435			2015-Mar-27	5719342	2030-Mar-15	Yes
JP	2010-Mar-15	2015-057301			2016-Oct-28	6029035	2030-Mar-15	Yes
JP	2010-Mar-30	2012-502861			2015-Oct-16	5823948	2030-Mar-30	Yes
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JP	2010-Apr-23	2012-507868			2015-Mar-13	5711217	2030-Apr-23	Yes
JP	2010-Apr-23	2015-003160			2016-Jun-17	5952925	2030-Apr-23	Yes
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JP	2010-Jul-14	2012-521129			2015-Aug-14	5792721	2030-Jul-14	
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JP	2010-Jul-27	2012-522303			2015-Jan-09	5675804	2030-Jul-27	Yes
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JP	2010-Aug-13	2012-524899	2013-Jan-17	2013-502081	2015-Jan-09	5676611	2030-Aug-13	Yes
JP	2010-Aug-13	2014-261766	2015-Jun-18	2015-111687	2016-Aug-12	5986622	2030-Aug-13	Yes
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JP	2010-Sep-01	2012-527437			2015-Aug-21	5795586	2030-Sep-01	Yes
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JP	2010-Sep-09	2011-551565			2013-Sep-06	5355722	2030-Sep-09	Yes
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JP	2010-Oct-07	2012-532598	2013-Mar-04	JP 2013507729	2016-May-20	5935063	2030-Oct-07	
JP	2010-Oct-07	2016-077619	2016-Aug-12	2016-146358	2019-Jun-21	6541606		
JP	2010-Oct-07	2019-058013			2021-Jul-29	6921138		
JP	2010-Oct-29	2012-536002			2017-Jun-09	6155027	2030-Oct-29	Yes
JP	2010-Nov-22	2012-542649			2015-Feb-13	5694364	2030-Nov-22	Yes
JP	2010-Nov-30	2012-542655			2015-Apr-17	5732070	2030-Nov-30	Yes
JP	2010-Dec-10	2012-543954			2015-Feb-13	5694368	2030-Dec-10	Yes
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JP	2011-Feb-28	2015-087779			2018-Mar-02	6298006	2031-Feb-28	Yes
JP	2011-Mar-11	2013-500621	2013-Jun-17	JP 2013524408	2015-Nov-13	5837036	2031-Mar-11	Yes
JP	2011-Apr-01	2013-503201			2015-Apr-17	5732127	2031-Apr-01	
JP	2011-Apr-22	2013-506786			2015-Oct-30	5829676	2031-Apr-22	Yes
JP	2011-Apr-26	2013-508590			2015-Aug-14	5792288	2031-Apr-26	Yes
JP	2011-Jun-16	2013-514826			2016-May-20	5935065	2031-Jun-16	Yes
JP	2011-Jun-30	2013-517640			2016-Aug-12	5984804	2031-Jun-30	Yes
JP	2011-Jul-14	2013-520259			2016-Nov-25	6047488	2031-Jul-14	Yes
JP	2011-Aug-05	2018-116246						Yes
JP	2011-Aug-05	2013-526571			2018-Mar-30	6312435	2031-Aug-05	Yes
JP	2011-Nov-15	2013-540462			2016-Jul-29	5977250	2031-Nov-15	Yes
JP	2011-Nov-22	2013-541448			2017-Jun-30	6165059	2031-Nov-22	Yes
JP	2011-Dec-09	2013-545545			2016-Jun-17	5952828	2031-Dec-09	Yes
JP	2012-Jan-11	2013-548919			2016-Jul-15	5968911	2032-Jan-11	Yes
JP	2012-Feb-01	2013-552307			2016-Dec-16	6058558	2032-Feb-01	Yes
JP	2012-Mar-12	2013-558548			2016-Oct-28	6029025	2032-Mar-12	Yes
JP	2012-Mar-16	2014-501745			2017-Apr-28	6133269	2032-Mar-16	Yes
JP	2012-Mar-22	2014-501753			2015-Dec-11	5850549	2032-Mar-22	Yes
JP	2012-Mar-22	2015-231601			2016-Dec-02	6050883	2032-Mar-22	Yes
JP	2012-Mar-23	2014-501754			2016-Nov-11	6038113	2032-Mar-23	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	2012-Mar-27	2014-501761			2016-Jun-17	5952892	2032-Mar-27	Yes
JP	2012-Apr-02	2014-501671			2016-Oct-14	6023168	2032-Apr-02	
JP	2012-Apr-03	2014-504415					2032-Apr-03	Yes
JP	2012-Apr-17	2014-508891			2018-May-18	6339007	2032-Apr-17	Yes
JP	2012-May-14	2014-510918			2017-Jan-13	6072776	2032-May-14	Yes
JP	2012-Jul-05	2014-519664			2017-Oct-27	6230995	2032-Jul-05	Yes
JP	2012-Jul-24	2014-522188			2017-Sep-01	6198733	2032-Jul-24	Yes
JP	2012-Aug-30	2014-540576			2018-Nov-09	6430254	2032-Aug-30	Yes
JP	2012-Oct-05	2014-534032			2017-May-26	6148237	2032-Oct-05	Yes
JP	2012-Oct-12	2014-535215			2017-May-19	6143759	2032-Oct-12	Yes
JP	2012-Oct-17	2014-536388			2017-Feb-10	6087937	2032-Oct-17	Yes
JP	2012-Oct-19	2014-541773			2016-Nov-04	6031669	2032-Oct-19	Yes
JP	2012-Oct-19	2014-536091			2017-Dec-15	6258857	2032-Oct-19	Yes
JP	2012-Oct-29	2014-539446			2018-Jan-12	6271437	2032-Oct-29	Yes
JP	2012-Nov-16	2014-541805			2019-Sep-20	6588701	2032-Nov-16	Yes
JP	2012-Dec-11	2014-546700			2017-May-19	6143778	2032-Dec-11	Yes
JP	2013-Jan-02	2014-550788			2016-Jan-29	5876591	2033-Jan-02	Yes
JP	2013-Jan-02	2014-548329			2015-Dec-18	5857138	2033-Jan-02	Yes
JP	2013-Jan-02	2014-550786			2018-May-18	6339021	2033-Jan-02	Yes
JP	2013-Jan-10	2014-551710			2017-Apr-28	6133329	2033-Jan-10	Yes
JP	2013-Jan-15	2014-555347			2016-Dec-16	6058701	2033-Jan-15	Yes
JP	2013-Jan-18	2014-555348			2018-Sep-28	6407724	2033-Jan-18	Yes
JP	2013-Jan-25	2014-555360			2015-Jun-19	5763851	2033-Jan-25	Yes
JP	2013-Feb-08	2014-556179			2015-Jul-03	5770392	2033-Feb-08	Yes
JP	2013-Feb-22	2014-558257			2017-Dec-08	6255356	2033-Feb-22	Yes
JP	2013-Feb-22	2014-560472			2017-Feb-10	6087960	2033-Feb-22	Yes
JP	2013-Mar-07	2014-557164			2015-Jul-03	5770393	2033-Mar-07	Yes
JP	2013-Mar-08	2015-501013			2017-Nov-17	6243397	2033-Mar-08	Yes
JP	2013-Mar-11	2015-501015			2019-Sep-06	6581500		Yes
JP	2013-Mar-20	2015-502493			2015-Nov-20	5841292	2033-Mar-20	Yes
JP	2013-Apr-02	2015-503970			2017-Sep-01	6198812	2033-Apr-02	Yes
JP	2013-Apr-04	2015-503977			2018-Jul-06	6363061	2033-Apr-04	Yes
JP	2013-Apr-26	2015-510907			2017-Sep-29	6214632	2033-Apr-26	Yes
JP	2013-May-22	2015-515607			2017-Apr-14	6125620	2033-May-22	Yes
JP	2013-Jun-17	2015-519397			2015-Jul-31	5785673	2033-Jun-17	Yes
JP	2013-Jul-10	2015-521128			2017-Oct-20	6228602	2033-Jul-10	Yes
JP	2013-Jul-12	2015-522217			2018-Jan-12	6272323	2033-Jul-12	Yes
JP	2013-Sep-17	2015-531676			2017-Dec-08	6255407	2033-Sep-17	Yes
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JP	2013-Dec-02	2015-547213			2018-Mar-30	6312699	2033-Dec-02	Yes
JP	2013-Dec-05	2015-546136			2018-May-25	6342415	2033-Dec-05	Yes
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JP	2014-Jul-23	2016-530436			2018-Aug-31	6391690	2034-Jul-23	Yes
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JP	2014-Aug-19	2016-535548			2020-Mar-27	6682434		Yes
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JP	2014-Dec-23	2015-560730			2016-Nov-25	6045725	2034-Dec-23	Yes
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JP	2015-Jun-24	2016-575337			2019-Apr-26	6516304		Yes
JP	2015-Jul-16	2017-502967			2020-May-12	6703518		Yes
JP	2015-Sep-30	2017-517317			2020-Nov-18	6796580		Yes
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JP	2015-Nov-03	2020-202353						Yes
JP	2016-Apr-04	2017-552954			2019-May-17	6526236		Yes
JP	2016-Apr-04	2019-041171			2021-Sep-27	6949892		Yes
JP	2016-Apr-20	2017-555376			2018-May-18	6339300	2036-Apr-20	Yes
JP	2016-Aug-05	2021-128049						Yes
JP	2016-Aug-05	2018-510972						Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	2017-Dec-18	2019-536481			2021-May-06	6878599		Yes
JP	2017-Dec-18	2021-075571						Yes
KR	1998-Jan-22	98-707511	2000-Nov-06	10-2000-0064753	2005-Feb-03	0471705	2018-Jan-22	
KR	1999-Sep-08	10-2000-7005688			2007-Nov-08	10-0776837	2019-Sep-08	
KR	1999-Sep-17	10-2000-7005691			2007-Mar-26	10-0702273	2019-Sep-17	
KR	2000-Apr-06	10-2000-7014360			2006-Nov-22	651274	2020-Apr-06	Yes
KR	2000-Jun-22	10-2001-7002264			2007-Feb-28	691755	2020-Jun-22	Yes
KR	2000-Aug-07	10-2001-7005214			2008-Jan-23	10-0799384	2020-Aug-07	
KR	2001-Jan-08	2001-7012370			2007-Jun-28	10-0735943	2021-Jan-08	
KR	2002-Mar-19	10-2002-7016146			2008-May-26	10-0834185	2022-Mar-19	
KR	2002-May-14	10-2002-7006159			2007-Dec-14	10-0788062	2022-May-14	
KR	2002-Jun-07	10-2003-7001707			2008-May-19	10-0832161	2022-Jun-07	
KR	2002-Jun-21	10-2003-7002792			2009-Jul-24	10-0910128	2022-Jun-21	
KR	2002-Jul-23	10-2003-7004098			2009-Sep-01	10-0916178	2022-Jul-23	
KR	2002-Dec-20	10-2004-7010172			2010-Apr-28	10-0956305	2022-Dec-20	
KR	2003-Feb-06	10-2004-7012496			2010-May-25	10-0960825	2023-Feb-06	
KR	2003-Jun-12	10-2004-7020971			2010-Jun-21	10-0966514	2023-Jun-12	
KR	2003-Dec-03	10-2003-0087088			2010-Nov-11	10-0994952	2023-Dec-03	
KR	2003-Dec-11	10-2005-7011369			2010-Aug-19	10-0978019	2023-Dec-11	
KR	2003-Dec-11	10-2005-7011572			2010-Sep-08	10-0982167	2023-Dec-11	
KR	2003-Dec-18	10-2005-7011977			2013-Jan-14	10-1223943	2023-Dec-18	
KR	2004-Apr-30	10-2005-7020971			2012-Jun-21	10-1160588	2024-Apr-30	
KR	2004-Nov-05	10-2006-7009277			2012-Aug-20	10-1177086	2024-Nov-05	
KR	2005-Mar-14	10-2006-7021272			2012-Sep-07	10-1182674	2025-Mar-14	
KR	2005-Apr-27	10-2006-7025486			2012-Jun-29	10-1163075	2025-Apr-27	
KR	2005-May-02	10-2006-7025609			2012-Aug-20	10-1177076	2025-May-02	
KR	2005-Jun-23	10-2007-7002231			2012-Jan-25	10-1111274	2025-Jun-23	
KR	2005-Aug-02	10-2007-7005239			2012-Dec-13	10-1214135	2025-Aug-02	Yes
KR	2005-Aug-02	10-2007-7005238			2012-Dec-03	10-1209696	2025-Aug-02	
KR	2005-Aug-02	10-2007-7005212			2012-Jul-10	10-1166664	2025-Aug-02	Yes
KR	2005-Sep-12	10-2007-7009047			2013-Jan-28	10-1228848	2025-Sep-12	Yes
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KR	2005-Nov-28	10-2007-7015432			2012-Nov-02	10-1199260	2025-Nov-28	Yes
KR	2006-Apr-03	10-2007-7025407	2007-Dec-13	118171/2007	2012-Nov-14	10-1203073	2026-Apr-03	
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KR	2006-May-08	10-2008-7022053			2013-Aug-20	10-1300007	2026-May-08	
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KR	2006-May-24	10-2007-7030347			2013-Mar-08	10-1243692	2026-May-24	
KR	2006-Jul-05	10-2008-7003516			2013-Aug-28	10-1303367	2026-Jul-05	
KR	2006-Sep-15	10-2008-7010024			2013-Sep-30	10-1315083	2026-Sep-15	Yes
KR	2006-Sep-25	10-2008-7010046					2026-Sep-25	
KR	2006-Oct-16	10-2008-7012200			2013-Aug-21	10-1300565	2026-Oct-16	Yes
KR	2006-Nov-07	10-2008-7013933			2012-Nov-27	10-1207324	2026-Nov-07	
KR	2006-Nov-20	10-2008-7015070			2013-Aug-28	10-1303365	2026-Nov-20	
KR	2006-Dec-06	10-2008-7017076			2014-Nov-28	10-1468901	2026-Dec-06	
KR	2006-Dec-11	10-2008-7016877			2013-Nov-07	10-1329260	2026-Dec-11	
KR	2006-Dec-12	10-2008-7016875			2013-Sep-30	10-1315078	2026-Dec-12	Yes
KR	2007-Jan-26	10-2008-7021117			2013-Aug-28	10-1303362	2027-Jan-26	
KR	2007-Feb-26	2008/7023132	2007-Sep-07	WO/2007/100837	2012-Jun-07	1156272	2027-Feb-26	Yes
KR	2007-Apr-20	10-2008-7029364			2013-Dec-06	10-1340905	2027-Apr-20	
KR	2007-May-02	10-2008-7030125			2014-Dec-16	10-1475215	2027-May-02	
KR	2007-Jun-20	10-2009-7002014			2014-Dec-01	10-1469736	2027-Jun-20	
KR	2007-Aug-09	10-2009-7016344			2015-May-22	10-1524013	2027-Aug-09	
KR	2007-Aug-17	10-2009-7005417			2014-Nov-28	10-1469968	2027-Aug-17	
KR	2007-Aug-22	10-2009-7005632			2014-Nov-04	10-1460005	2027-Aug-22	
KR	2007-Sep-20	10-2009-7007947			2015-Jan-12	10-1483662	2027-Sep-20	
KR	2007-Sep-20	10-2009-7009353			2014-Feb-27	10-1370363	2027-Sep-20	
KR	2007-Sep-20	10-2009-7009232			2015-Feb-09	10-1493263	2027-Sep-20	
KR	2007-Oct-11	10-2009-7010027			2014-Mar-14	10-1376560	2027-Oct-11	
KR	2007-Oct-19	10-2009-7010127					2027-Oct-19	
KR	2007-Oct-31	10-2009-7011106			2015-Mar-26	10-1507755	2027-Oct-31	
KR	2007-Nov-09	10-2009-7011892			2014-Nov-04	10-1460004	2027-Nov-09	
KR	2007-Nov-27	10-2009-7013310			2015-May-22	10-1523993	2027-Nov-27	
KR	2007-Dec-11	10-2009-7014433					2027-Dec-11	
KR	2007-Dec-11	10-2009-7014358			2015-Jun-18	10-1531378	2027-Dec-11	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
KR	2007-Dec-12	10-2009-7014503					2027-Dec-12	
KR	2007-Dec-17	10-2009-7015043			2014-Nov-04	10-1460002	2027-Dec-17	Yes
KR	2008-Apr-23	10-2009-7024700			2015-Apr-28	10-1517353	2028-Apr-23	
KR	2008-Apr-28	10-2009-7025193			2015-Nov-24	10-1572819	2028-Apr-28	
KR	2008-May-01	10-2009-7025211			2017-Nov-14	10-1799504	2028-May-01	
KR	2008-May-02	10-2009-7025447			2015-May-22	10-1524005	2028-May-02	
KR	2008-May-02	10-2009-7025261			2015-Mar-04	10-1500977	2028-May-02	
KR	2008-May-02	10-2010-7005002			2015-Sep-21	10-1555894	2028-May-02	
KR	2008-Jul-21	10-2010-7003857			2016-Oct-19	10-1669264	2028-Jul-21	
KR	2008-Oct-08	10-2010-7010136			2016-Jan-18	10-1588033	2028-Oct-08	
KR	2008-Dec-02	10-2010-7014991			2015-Jun-04	10-1527712	2028-Dec-02	
KR	2008-Dec-22	10-2010-7016494			2015-Nov-24	10-1572811	2028-Dec-22	
KR	2008-Dec-29	10-2010-7017189			2016-Jan-28	10-1591509	2028-Dec-29	
KR	2009-Jun-12	10-2011-7000943			2016-Jul-11	10-1640242	2029-Jun-12	Yes
KR	2009-Jul-10	10-2011-7003156			2016-May-12	10-1622263	2029-Jul-10	Yes
KR	2009-Jul-22	10-2011-7004532			2016-Dec-19	10-1689309	2029-Jul-22	
KR	2009-Nov-03	10-2011-7012784					2029-Nov-03	Yes
KR	2009-Nov-12	10-2011-7013974			2016-Sep-19	10-1659505	2029-Nov-12	Yes
KR	2009-Nov-27	10-2011-7015911			2015-Jul-13	10-1537522	2029-Nov-27	Yes
KR	2009-Nov-30	10-2011-7018549			2018-May-08	10-1857776	2029-Nov-30	
KR	2010-Jan-04	10-2011-7018477			2018-Mar-12	10-1839417	2030-Jan-04	
KR	2010-Jan-05	10-2011-7018487					2030-Jan-05	
KR	2010-Mar-15	10-2011-7024768			2017-Jan-20	10-1700443	2030-Mar-15	Yes
KR	2010-Mar-30	10-2011-7026021			2017-Dec-12	10-1810235	2030-Mar-30	Yes
KR	2010-Mar-31	10-2011-7026368			2017-Apr-28	10-1733395	2030-Mar-31	Yes
KR	2010-Apr-01	10-2011-7027735			2016-Jun-09	10-1630863	2030-Apr-01	Yes
KR	2010-Apr-23	10-2011-7028885					2030-Apr-23	Yes
KR	2010-May-05	10-2011-7030386					2030-May-05	Yes
KR	2010-May-26	10-2011-7031126			2017-Dec-01	10-1806534	2030-May-26	Yes
KR	2010-Jun-04	10-2012-7000219			2018-Jun-25	10-1872769	2030-Jun-04	Yes
KR	2010-Jun-09	10-2012-7001236			2016-Nov-24	10-1681053	2030-Jun-09	Yes
KR	2010-Jun-11	10-2012-7001174			2017-Dec-26	10-1814194	2030-Jun-11	Yes
KR	2010-Jun-14	10-2012-7001462			2018-Jul-17	10-1880898	2030-Jun-14	Yes
KR	2010-Jun-15	10-2012-7001421			2016-Sep-20	10-1659715	2030-Jun-15	Yes
KR	2010-Jun-22	10-2012-7001937			2017-Dec-01	10-1806535	2030-Jun-22	Yes
KR	2010-Jul-14	10-2012-7004881			2018-Feb-10	10-1830050	2030-Jul-14	
KR	2010-Jul-19	10-2012-7004718			2017-Nov-21	10-1801682	2030-Jul-19	Yes
KR	2010-Jul-27	10-2012-7004880			2017-Nov-21	10-1801683	2030-Jul-27	Yes
KR	2010-Aug-18	10-2012-7007630			2018-Dec-07	10-1928769	2030-Aug-18	Yes
KR	2010-Aug-30	10-2012-7008465			2018-Jun-15	10-1869703	2030-Aug-30	Yes
KR	2010-Sep-01	10-2012-7008604			2017-Nov-14	10-1799483	2030-Sep-01	Yes
KR	2010-Sep-07	10-2012-7009854			2017-Nov-14	10-1799488	2030-Sep-07	Yes
KR	2010-Sep-09	10-2011-7019453			2012-Jun-29	10-1163016	2030-Sep-09	Yes
KR	2010-Sep-09	10-2012-7010254					2030-Sep-09	Yes
KR	2010-Sep-29	10-2012-7011801					2030-Sep-29	Yes
KR	2010-Oct-29	10-2012-7014614					2030-Oct-29	Yes
KR	2010-Nov-30	10-2012-7017631					2030-Nov-30	Yes
KR	2010-Dec-13	10-2012-7020485					2030-Dec-13	Yes
KR	2011-Feb-28	10-2012-7025867			2020-Jan-22	10-2071338	2031-Feb-28	Yes
KR	2011-Apr-22	10-2012-7030878					2031-Apr-22	Yes
LT	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
LT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
LT	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
LT	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
MX	2007-Sep-20	A/2009/003541			2011-Aug-04	288977	2027-Sep-20	
MX	2007-Sep-20	2009/002916			2011-Apr-04	285404	2027-Sep-20	
MX	2007-Oct-11	2009/003898			2012-May-21	299363	2027-Oct-11	
MX	2007-Oct-31	MX/A/09/004521			2011-Apr-04	285403	2027-Oct-31	
MX	2007-Dec-07	2009/005915			2011-Aug-15	289327	2027-Dec-07	
MX	2008-Feb-26	2008/002704			2010-Dec-15	282150	2028-Feb-26	Yes
MX	2008-Sep-22	MX/A/2010/003077	2009-Mar-26	WO 2009/039491	2011-Nov-24	292573	2028-Sep-22	Yes
MX	2009-Jun-12	2010/013410			2011-Nov-23	292516	2029-Jun-12	Yes
MX	2009-Aug-13	MX20110001685	2010-Feb-18	MX2011001685	2013-Jan-16	306755	2029-Aug-13	Yes
MX	2010-Aug-18	2012/002255			2013-Oct-29	314726	2030-Aug-18	Yes
MX	2011-Jul-06	MX/A/2011/007257			2013-Jun-25	310811	2031-Jul-06	Yes
MX	2012-Apr-20	MX/A/2014/015722			2017-Nov-14	352204	2032-Jul-20	Yes
MX	2012-Apr-20	MX/A/2012/004674			2014-Dec-19	326562	2032-Apr-20	Yes
MX	2013-Dec-05	MX/A/2015/006974			2017-Sep-06	350394		Yes
MX	2014-Jul-09	MX/A/2016/001143			2017-May-25	348046		Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
MY	2002-Jun-28	PI20022452			2007-Aug-30	MY-131472-A	2022-Jun-28	
MY	2006-May-23	PI20062381			2012-Feb-29	MY-145509-A	2026-May-23	
NL	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
NL	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
NL	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
NL	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
NL	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
NL	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
NL	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
NL	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
NL	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
NL	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
NL	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
NL	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
NL	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
NL	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
NL	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
NL	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
NL	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
NL	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-20	Yes
NL	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
NL	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
NL	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	
NL	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
NL	2004-Sep-07	11717121.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
NL	2005-Mar-02	05724343.8	2006-Dec-13	EP 1729615	2019-May-08	1729615	2025-Mar-02	
NL	2005-Sep-19	18184893.8	2019-Jan-16	EP 3428506	2020-Apr-15	3428506	2025-Sep-19	
NL	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
NL	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
NL	2005-Sep-19	14162998.0	2014-Oct-15	EP 2789894	2018-Dec-12	2789894	2025-Sep-19	
NL	2005-Oct-11	1030161			2007-Apr-12	1030161	2025-Oct-11	Yes
NL	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
NL	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
NL	2006-Jan-05	06701369.8	2007-Oct-24	EP 1846949	2018-Aug-22	1846949	2026-Jan-05	
NL	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
NL	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
NL	2006-May-19	06741539.8	2008-Feb-27	EP 1891671	2020-Aug-19	1891671	2026-May-19	
NL	2006-May-23	06771039.2	2008-Mar-05	EP 1893912	2020-Dec-16	1893912	2026-May-23	
NL	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
NL	2006-Sep-15	06775996.9	2008-Jul-02	EP 1938666	2012-May-30	1938666	2026-Sep-15	Yes
NL	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
NL	2006-Oct-11	2000273	2007-Apr-12	NL 2000273	2010-Oct-22	2000273	2026-Oct-11	Yes
NL	2006-Nov-13	06821415.4	2008-Aug-06	EP 1952055	2019-Jan-09	1952055	2026-Nov-13	
NL	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
NL	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
NL	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
NL	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
NL	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
NL	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
NL	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
NL	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227	2018-Mar-21	2039227	2027-Jun-20	
NL	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
NL	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
NL	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
NL	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
NL	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
NL	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
NL	2008-May-01	14195242.4	2015-Apr-22	EP 2863104	2019-Jul-10	2863104	2028-May-01	
NL	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
NL	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-08	
NL	2009-Jun-12	09761216.2	2011-Mar-02	EP 2288848	2018-Dec-26	2288848	2029-Jun-12	Yes
NL	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
NL	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
NL	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
NL	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
NL	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
NL	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
NL	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
NL	2010-Jun-22	10731600.2	2012-May-02	EP 2446708	2019-Mar-27	2446708	2030-Jun-22	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
NL	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
NL	2010-Aug-13	10808816.2	2012-Jun-20	EP 2465174	2019-Jan-09	2465174	2030-Aug-13	Yes
NL	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
NL	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
NL	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
NL	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
NL	2011-Nov-22	11793494.3	2013-Oct-09	EP 2647260	2019-Aug-21	2647260	2031-Nov-22	Yes
NL	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
NL	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
NL	2012-Aug-02	12772433.4	2014-Jun-25	EP 2745621	2020-Oct-21	2745621	2032-Aug-02	Yes
NL	2012-Oct-05	12795854.4	2014-Jul-02	EP 2748975	2019-Apr-03	2748975	2032-Oct-05	Yes
NL	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
NL	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
NL	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
NL	2013-Apr-04	18167770.9	2018-Oct-03	EP 3382755	2020-Jan-08	3382755	2033-Apr-04	Yes
NL	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
NL	2014-Apr-02	14718773.6	2016-Feb-10	EP 2982221	2021-Aug-04	2982221		Yes
NL	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
NL	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541	2034-Jul-09	Yes
NL	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
NL	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
NL	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
NL	2014-Oct-28	14904216.0	2016-Aug-10	EP 3053413	2019-Feb-13	3053413	2034-Oct-28	Yes
NL	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
NL	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
NL	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	3056066	2035-Jun-08	Yes
NL	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317	2020-Jan-08	3216317	2035-Nov-03	Yes
NL	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
NL	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792	2037-Dec-18	Yes
NO	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
NO	2008-Apr-23	08737957.4	2010-Jan-20	EP 2145508	2018-Aug-15	2145508	2028-Apr-23	
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NO	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-08	
NO	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185		Yes
NO	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
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PL	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
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PL	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
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PL	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
PL	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
PL	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
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PL	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
PL	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
PL	2007-Mar-02	07713186.0	2008-Dec-03	EP 1997352	2018-Oct-24	1997352	2027-Mar-02	
PL	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
PL	2007-May-31	15177109.4	2016-Mar-23	EP 2999314	2020-Nov-18	2999314	2027-May-31	Yes
PL	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227	2018-Mar-21	2039227	2027-Jun-20	
PL	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
PL	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
PL	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
PL	2008-Mar-12	08743813.1			2018-Aug-01	2135487	2028-Mar-12	Yes
PL	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
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PL	2008-May-02	08747545.5	2010-Feb-17	EP 2153115	2021-Jul-07	2153115	2028-May-02	
PL	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586	2028-Oct-08	
PL	2009-Nov-03	19205260.3	2020-Apr-15	EP 3637185	2021-Jul-07	3637185	2029-Nov-03	Yes
PL	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172	2020-Jan-22	2347172	2029-Nov-03	Yes
PL	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
PL	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
PL	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
PL	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
PL	2010-Sep-01	10752726.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
PL	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
PL	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
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PL	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
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PL	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
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PT	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
PT	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
PT	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
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Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
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RU	2011-Feb-28	2012142015	2014-Apr-10	RU 2578198	2016-Mar-27	2578198	2031-Feb-28	Yes
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RU	2012-Mar-12	2013146552	2015-Apr-27	RU 2013146552	2017-Jun-09	2622036	2032-Mar-12	Yes
RU	2012-Mar-16	2013148122	2015-May-10	RU 2608560	2017-Jan-23	2608560	2032-Mar-16	Yes
RU	2012-Mar-22	2013148121		RU 2587982	2016-Jun-27	2587982	2032-Mar-22	Yes
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RU	2012-May-14	2013156233	2015-Jun-27	RU 2013156233	2017-Jul-03	2624250	2032-May-14	Yes
RU	2012-Jul-05	2014105181	2015-Aug-20	RU 2596803	2016-Sep-10	2596803	2032-Jul-05	Yes
RU	2012-Jul-24	2014106854		RU 2604869	2016-Dec-20	2604869	2032-Jul-24	Yes
RU	2012-Aug-30	2014124180	2015-Dec-27	RU 2595783	2016-Aug-27	2595783	2032-Aug-30	Yes
RU	2012-Oct-05	2014117947	2015-Nov-20	RU 2014117947	2017-Dec-15	2638749	2032-Oct-05	Yes
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RU	2012-Nov-16	2014124351	2015-Dec-27	RU 2014124351	2017-Oct-12	2633391	2032-Nov-16	Yes
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SE	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
SE	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
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SE	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
SE	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
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SE	2004-Apr-21	18182693.4	2018-Dec-26	EP 3419388	2020-Jun-17	3419388	2024-Apr-21	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
SE	2004-Sep-07	11171721.1	2011-Oct-05	EP 2372765	2020-Nov-11	2372765	2024-Sep-07	
SE	2005-Sep-19	20169373.6	2020-Oct-14	EP 3722665				
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SE	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
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SE	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
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SE	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes
SE	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
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SE	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
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SE	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
SE	2012-Mar-12	12710360.4	2014-Jan-22	EP 2687065	2019-Jan-02	2687065	2032-Mar-12	Yes
SE	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
SE	2012-Apr-03	12717488.6	2014-Feb-19	EP 2697337	2019-Jun-12	2697337	2032-Apr-03	Yes
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SE	2013-Apr-04	13724395.2	2015-Feb-11	EP 2834842	2018-Jul-04	2834842	2033-Apr-04	Yes
SE	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445	2021-Aug-11	2845445		Yes
SE	2013-Apr-26	13727386.8	2015-Mar-18	EP 2848091	2018-Nov-28	2848091	2033-Apr-26	Yes
SE	2013-Jul-12	13765494.3	2015-May-20	EP 2873299	2019-Jan-09	2873299	2033-Jul-12	Yes
SE	2013-Dec-05	13818438.7	2015-Oct-14	EP 2929238	2018-Feb-21	2929238	2033-Dec-05	Yes
SE	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023	2034-Mar-12	Yes
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SE	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
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SE	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
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SE	2014-Nov-12	EP14799386.9	2016-Sep-28	EP 3072359	2019-Mar-20	3072359	2034-Nov-12	Yes



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
SE	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
SE	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
SE	2015-Jun-08	15725683.5	2016-Aug-17	EP	2017-Apr-05	3056066	2035-Jun-08	Yes
SE	2015-Sep-30	EP15784476.2	2017-Aug-09	EP 3201524	2018-Feb-28	3201524	2035-Sep-30	Yes
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TR	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	TR 2016 05740 T4	2030-Jun-11	Yes
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TR	2010-Jul-07	10800332.8	2012-Jul-04	EP 2471057	2020-Mar-25	2471057	2030-Jul-07	Yes
TR	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
TR	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
TR	2011-Feb-28	11713358.7	2013-Jan-09	EP 2542826	2018-Oct-24	2542826	2031-Feb-28	Yes
TR	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	2591275	2031-Jun-30	Yes
TR	2011-Jul-29	17200852.6	2018-Jul-11	EP 3346593	2019-Sep-11	3346593	2031-Jul-29	Yes
TR	2011-Jul-29	11748799.1			2017-Nov-15	2599203	2031-Jul-29	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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TR	2011-Aug-05	11754507.9	2013-Jul-10	EP 2612463	2014-Apr-16	2612463	2031-Aug-05	Yes
TR	2011-Nov-16	11794283.9			2019-Jan-09	2681969	2031-Nov-16	Yes
TR	2011-Dec-09	11804814.9	2013-Oct-30	EP 2655956	2020-Jul-29	2655956	2031-Dec-09	Yes
TR	2012-Mar-23	12712763.7	2014-Feb-05	EP 2692211	2019-Aug-14	2692211	2032-Mar-23	Yes
TR	2012-Oct-19	12808477.9	2014-Jun-25	EP 2745626	2017-May-10	2745626	2032-Oct-19	Yes
TR	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
TR	2013-Feb-22	13717316.7	2014-Dec-17	EP 2823691	2019-Apr-10	2823691	2033-Feb-22	Yes
TR	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204	2033-Apr-16	Yes
TR	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
TR	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	TR 2017 02003 T4	2033-Sep-17	Yes
TR	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834	2018-Mar-21	3005834	2034-Jun-04	Yes
TR	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541	2034-Jul-09	Yes
TR	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543	2034-Jul-23	Yes
TR	2014-Aug-19	19172206.5	2019-Oct-16	EP 3554198	2021-Apr-07	3554198	2034-Aug-19	Yes
TR	2014-Aug-19	14786281.7	2016-Jun-29	EP 3036976	2019-Oct-09	3036976	2034-Aug-19	Yes
TR	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980	2034-Dec-23	Yes
TR	2015-Feb-16	15711291.3	2017-Jan-04	EP	2020-Jan-01	3111729	2035-Feb-16	Yes
TR	2015-Jun-01	EP15723985.6	2017-May-10	3164638-A	2018-Aug-15	3164638	2035-Jun-01	Yes
TR	2016-Aug-05	18154729.0	2018-Jul-25	EP 3351851	2019-Oct-09	3351851	2036-Aug-05	Yes
TR	2017-Dec-18	17816839.9	2019-Jun-26	EP 3500792	2020-Feb-12	3500792	2037-Dec-18	Yes
TW	1997-Jun-26	86108962	1998-Apr-21	330233	1998-Aug-01	093750	2017-Jun-26	
TW	1997-Oct-28	86115967	2000-Mar-11	384583	2000-Mar-11	112395	2017-Oct-28	
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TW	2000-Feb-02	089101820	2001-Sep-24	455908	2002-Jan-22	141713	2020-Feb-02	Yes
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TW	2001-Mar-07	090105228	2006-Dec-21	I-269514	2006-Dec-21	I-269514	2021-Mar-07	
TW	2001-Nov-02	090127304	2002-Dec-01	512548	2003-Apr-03	NI-167363	2021-Nov-02	
TW	2002-Jan-28	091101383	2003-Nov-01	560085	2004-Feb-17	189178	2022-Jan-28	Yes
TW	2002-Jan-28	091101387	2003-Jun-01	535455	2003-Sep-22	NI-178628	2022-Jan-28	
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TW	2002-Jul-23	091116352	2007-Nov-01	I289339	2007-Nov-01	I289339	2022-Jul-23	
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TW	2003-Oct-09	092128124	2004-Sep-01	200416643-A	2012-Feb-21	I358688	2023-Oct-09	
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TW	2004-May-04	093112540	2005-Feb-16	200507300	2011-Sep-21	I349376	2024-May-03	
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TW	2004-Nov-23	093136001	2005-Nov-01	200535372-A	2012-Jul-11	I368008	2024-Nov-23	Yes
TW	2005-Jun-01	094118040	2006-Feb-01	200604466-A	2011-Jun-21	I343978	2025-Jun-01	Yes
TW	2005-Jun-03	094118478	2006-Mar-16	200610448	2013-Oct-21	I413445	2025-Jun-03	
TW	2005-Jun-03	101134053	2013-Feb-01	201306649-A	2017-Oct-01	I601443	2025-Jun-03	
TW	2005-Aug-03	094126389	2006-Jun-16	200620702	2012-Dec-21	I380465	2025-Aug-03	Yes
TW	2005-Aug-03	094126388	2006-Aug-01	200627638	2013-Apr-21	I394271	2025-Aug-03	
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TW	2005-Sep-16	094132208	2006-Jul-01	200622146	2007-Dec-21	I291533	2025-Sep-16	Yes
TW	2005-Sep-26	094133269	2006-Jun-01	200617322-A	2011-Aug-21	I347421	2025-Sep-26	
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TW	2005-Nov-15	094140158	2007-Feb-01	200701514	2014-Feb-01	I425650	2025-Nov-15	
TW	2005-Nov-25	094141604	2006-Sep-16	200633593-A	2014-Dec-01	I463915	2025-Nov-25	
TW	2005-Dec-02	094142644	2006-Nov-16	200640042-A			2025-Dec-02	Yes
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TW	2006-May-22	095118151	2007-Feb-16	200708196-A	2015-Mar-11	I477196	2026-May-22	
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TW	2006-Aug-24	095131158	2007-Apr-01	200713165-A	2013-Dec-11	I419100	2026-Aug-24	Yes
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TW	2006-Nov-08	095141391	2008-Jan-01	200801388-A			2026-Nov-08	
TW	2006-Nov-21	095143025	2008-Jan-16	200804917-A	2013-Nov-21	I416217	2026-Nov-21	
TW	2006-Dec-08	095146256	2007-Aug-16	200731580-A	2014-Apr-01	I433588	2026-Dec-08	Yes
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TW	2006-Dec-12	095146499	2007-Oct-01	200735930-A	2014-Jun-21	I442817	2026-Dec-12	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
TW	2007-Jan-29	096103240	2008-Jan-01	200803618-A	2014-Apr-11	I434609	2027-Jan-29	
TW	2007-Apr-27	096115127	2008-Jan-01	200803605-A	2014-Jun-11	I441550	2027-Apr-27	
TW	2007-Aug-06	096128882	2008-Aug-16	200834137A	2014-Sep-01	I451140	2027-Aug-06	
TW	2007-Sep-26	096135772	2008-Jun-01	200823438	2014-Jul-01	I443313	2027-Sep-26	
TW	2007-Oct-03	096137104	2008-Sep-01	200836585-A	2014-Mar-21	I432088	2027-Oct-03	
TW	2007-Oct-03	096137124	2008-Sep-16	200838351-A	2014-May-01	I436682	2027-Oct-03	
TW	2007-Nov-07	096142100	2008-Sep-01	200836586-A	2014-May-21	I439177	2027-Nov-07	
TW	2007-Dec-05	096146364	2008-Oct-16	200841767-A	2014-Oct-01	I455645	2027-Dec-05	
TW	2008-Apr-14	097113528	2009-Feb-16	200908386-A	2014-Mar-01	I429101	2028-Apr-14	Yes
TW	2008-Apr-24	097115122	2009-Mar-16	200913786-A	2014-Oct-01	I455651	2028-Apr-24	
TW	2008-May-26	097119402	2009-Feb-16	200907248-A	2014-Jan-11	I422782	2028-May-26	Yes
TW	2008-Jun-24	097123569	2009-May-01	200920172-A	2014-Nov-01	I459852	2028-Jun-24	
TW	2008-Jun-30	097124610	2009-May-16	200922370-A	2014-Nov-01	I459853	2028-Jun-30	
TW	2008-Sep-24	097136708	2009-Sep-01	200936949-A	2015-Sep-21	I500880	2028-Sep-24	Yes
TW	2008-Nov-27	097146017	2009-Jul-16	200932037-A	2016-Oct-11	I554145	2028-Nov-27	
TW	2009-Apr-06	98111341	2009-Nov-01	200945946	2014-Sep-11	I452938	2029-Apr-06	
TW	2009-Jul-08	098123125	2010-Feb-16	201007075-A	2015-Jul-01	I490429	2029-Jul-08	Yes
TW	2009-Jul-27	098125271			2015-Aug-11	I496408	2029-Jul-27	Yes
TW	2009-Aug-28	98128974	2010-Jun-16	201023685	2015-Nov-11	I508622	2029-Aug-28	
TW	2009-Oct-09	098134414	2010-Jul-16	201028046-A	2015-Oct-01	I503052	2029-Oct-09	Yes
TW	2009-Nov-03	098137257	2010-Jul-16	201026986-A	2016-Mar-01	I524027	2029-Nov-03	Yes
TW	2009-Nov-16	098138871	2010-Jul-01	201024617-A	2016-Jan-01	I515390	2029-Nov-16	Yes
TW	2010-Jan-06	099100197	2010-Aug-16	201030272-A	2016-Jul-21	I542813	2030-Jan-06	
TW	2010-Jan-06	099100196	2010-Aug-16	201030271-A	2016-Jul-21	I542812	2030-Jan-06	
TW	2010-Mar-30	099109679	2011-Jan-16	201102563-A	2016-Mar-01	I524030	2030-Mar-30	Yes
TW	2010-Jun-14	099119319	2011-Apr-01	201111737-A	2016-Jun-11	I537539	2030-Jun-14	Yes
TW	2010-Jul-14	099123193	2011-Apr-01	201112862-A	2016-Jun-11	I538553	2030-Jul-14	Yes
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TW	2010-Jul-21	099124034	2011-May-16	201117637-A	2016-Dec-01	I561108	2030-Jul-21	
TW	2010-Dec-13	099143555	2011-Nov-16	201139926-A			2030-Dec-13	Yes
TW	2011-May-09	100116214	2012-Feb-16	201207300-A	2017-Apr-21	I579500	2031-May-09	Yes
TW	2011-Jun-17	100121302	2012-Feb-16	201208460-A	2017-Mar-21	I576003	2031-Jun-17	Yes
TW	2011-Aug-12	100128798	2012-Jun-16	TW 201225741	2015-Mar-01	I475927	2031-Aug-12	Yes
TW	2011-Dec-20	100147540	2012-Nov-01	201243238-A	2017-Oct-11	I601911	2031-Dec-20	Yes
TW	2012-Jan-12	101101290	2012-Nov-01	201243235-A	2017-Feb-21	I571599	2032-Jan-12	Yes
US	1996-Sep-03	08/707274			1999-Jun-01	5909429	2016-Sep-03	
US	1997-Apr-10	08/833889		US 6175195	2001-Jan-16	6175195	2017-Apr-10	Yes
US	1997-Jul-14	08/892049		US 5847507	1998-Dec-08	5847507	2017-Jul-14	Yes
US	1997-Aug-26	08/920156		US 6016038	2000-Jan-18	6016038	2017-Aug-26	
US	1997-Aug-26	10/990090	2005-Jul-14	US 7453217	2008-Nov-18	7453217	2018-Jun-23	
US	1997-Aug-26	09/944523	2002-Aug-01	US 6624597	2003-Sep-23	6624597	2017-Aug-26	Yes
US	1997-Oct-14	08/943310		US 5947587	1999-Sep-07	5947587	2017-Oct-14	
US	1997-Dec-17	09/425770		US 6150774	2000-Nov-21	6150774	2017-Aug-26	
US	1997-Dec-17	09/669121		US 6806659	2004-Oct-19	6806659	2017-Dec-17	
US	1998-Jan-23	09/012319		US 6250774	2001-Jun-26	6250774	2018-Jan-23	
US	1998-Jun-06	09/095876		US 5959413	1999-Sep-28	5959413	2013-Apr-06	
US	1998-Jul-28	09/493119		US 6796680	2004-Sep-28	6796680	2018-Jul-28	
US	1998-Aug-03	09/128147		US 6013988	2000-Jan-11	6013988	2018-Aug-03	
US	1998-Aug-03	09/128148		US 6094014	2000-Jul-25	6094014	2018-Aug-03	
US	1998-Sep-25	09/509433	1999-Apr-01	US 7645056	2010-Jan-12	7645056	2018-Sep-25	Yes
US	1998-Dec-17	10/951122	2005-Feb-24	US 2005041161				
US	1998-Dec-17	09/213540	2001-Oct-11	US 6720745	2004-Apr-13	6720745	2017-Aug-26	
US	1998-Dec-17	10/045604	2003-Mar-27	US 7764026	2010-Jul-27	7764026	2024-Mar-16	
US	1998-Dec-17	09/213189		US 6459919	2002-Oct-01	6459919	2017-Aug-26	
US	1998-Dec-17	09/213537		US 6292901	2001-Sep-18	6292901	2017-Aug-26	
US	1998-Dec-17	09/215624		US 6528954	2003-Mar-04	6528954	2017-Aug-26	
US	1998-Dec-17	09/213548		US 6166496	2000-Dec-26	6166496	2017-Aug-26	
US	1998-Dec-17	09/213581		US 7038398	2006-May-02	7038398	2017-Aug-26	
US	1998-Dec-17	09/213659		US 6211626	2001-Apr-03	6211626	2017-Aug-26	
US	1998-Dec-18	09/216262		US 6127783	2000-Oct-03	6127783	2018-Dec-18	
US	1999-Mar-26	09/277645		US 6200002	2001-Mar-13	6200002	2019-Mar-26	Yes
US	1999-Jun-15	09/333739	2003-Apr-24	US 7352339	2008-Apr-01	7352339	2017-Dec-25	
US	1999-Jun-29	09/342828		US 6147458	2000-Nov-14	6147458	2019-Jun-29	
US	1999-Sep-03	10/755156	2004-Jul-22	US 7118248	2006-Oct-10	7118248	2020-Feb-28	
US	1999-Sep-03	09/786457		US 6676284	2004-Jan-13	6676284	2019-Sep-03	
US	1999-Sep-15	09/396561		US 6234645	2001-May-22	6234645	2019-Sep-15	
US	1999-Sep-24	09/406284		US 6234648	2001-May-22	6234648	2019-Sep-24	
US	1999-Sep-27	09/406648		US 6157093	2000-Dec-05	6157093	2019-Sep-27	
US	1999-Nov-01	09/431585		US 6201353	2001-Mar-13	6201353	2019-Nov-01	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	1999-Nov-01	09/431584		US 6194839	2001-Feb-27	6194839	2019-Nov-01	
US	1999-Nov-24	09/856806		US 6609813	2003-Aug-26	6609813	2019-Nov-24	
US	1999-Dec-02	09/453420		US 6513949	2003-Feb-04	6513949	2019-Dec-02	
US	2000-Apr-17	09/551029		US 6586882	2003-Jul-01	6586882	2020-Apr-17	Yes
US	2000-Jun-22	09/599791		US 6601982	2003-Aug-05	6601982	2020-Jul-14	Yes
US	2000-Jul-06	09/610717		US 6304464	2001-Oct-16	6304464	2020-Jul-06	
US	2000-Jul-14	09/616214		US 7139617	2006-Nov-21	7139617	2023-Jan-05	
US	2000-Jul-27	09/626905		US 6340868	2002-Jan-22	6340868	2017-Aug-26	
US	2000-Aug-25	09/645939		US 6554451	2003-Apr-29	6554451	2020-Aug-31	
US	2000-Sep-15	09/663050		US 6445139	2002-Sep-03	6445139	2018-Dec-18	
US	2000-Sep-29	11/064069	2006-Jan-26	US 7482565	2009-Jan-27	7482565	2020-Dec-25	
US	2000-Nov-15	09/713185		US 6507158	2003-Jan-14	6507158	2021-Feb-18	
US	2000-Nov-20	09/716819		US 7014336	2006-Mar-21	7014336	2020-Nov-20	
US	2000-Dec-07	09/732197		US 6441558	2002-Aug-27	6441558	2020-Dec-07	
US	2000-Dec-21	09/746034	2002-Jun-27	US 2002080622 A1	2003-Apr-15	6547416	2021-Apr-13	Yes
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US	2001-May-25	09/865895	2002-Nov-28	US 2002176262 A1	2003-Jun-10	6577512	2021-May-25	
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US	2001-Jun-21	09/886958	2002-Mar-28	US 7228190	2007-Jun-05	7228190	2023-Nov-08	
US	2001-Jul-02	09/897329	2003-Jan-02	US 2003001521 A1	2003-Oct-28	6639368	2021-Jul-12	
US	2001-Jul-26	09/917294	2002-Apr-18	US 7031920	2006-Apr-18	7031920	2019-Sep-22	
US	2001-Jul-26	09/915700	2003-Jan-30	US 2003020415 A1	2003-Sep-09	6617795	2021-Jul-26	
US	2001-Jul-27	09/917246	2002-Apr-25	US 6888322	2005-May-03	6888322	2022-May-03	Yes
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US	2001-Aug-15	09/930735	2003-Feb-20	US 2003034742 A1	2004-May-11	6734639	2021-Aug-16	
US	2001-Aug-20	09/933557	2002-Apr-18	US 6561690	2003-May-13	6561690	2021-Aug-20	
US	2001-Aug-31	10/664415	2004-Jun-17	US 7042172	2006-May-09	7042172	2021-Aug-31	Yes
US	2001-Sep-06	09/948209	2002-Apr-25	US 2002048177 A1	2003-Oct-21	6636003	2021-Sep-06	
US	2001-Oct-04	09/971367	2002-May-16	US 6788011	2004-Sep-07	6788011	2017-Aug-26	
US	2001-Oct-05	09/972111	2003-Apr-10	US 2003066945 A1	2003-Jul-22	6596977	2021-Nov-29	
US	2001-Oct-22	10/083329	2003-Apr-24	US 2003076056 A1	2003-Oct-07	6630801	2021-Oct-22	
US	2001-Dec-05	10/012000	2003-Jun-05	US 2003102819 A1	2003-Jul-01	6586890	2021-Dec-05	
US	2001-Dec-19	10/024737		US 6552495	2003-Apr-22	6552495	2021-Dec-19	
US	2001-Dec-21	10/028140	2003-Jun-26	US 2003117591 A1	2005-Aug-23	6932477	2021-Dec-21	
US	2001-Dec-27	10/029831	2003-Jul-03	US 2003122507 A1	2004-Apr-20	6724159	2021-Dec-27	
US	2001-Dec-28	10/037490	2003-Jul-03	US 2003122502 A1	2005-Feb-08	6853150	2021-Dec-28	
US	2002-Feb-19	10/078221	2002-Oct-10	US 7161556	2007-Jan-09	7161556	2022-Oct-28	
US	2002-May-10	10/143549	2002-Dec-26	US 6801003	2004-Oct-05	6801003	2021-Mar-13	
US	2002-May-30	10/158579	2003-Mar-27	US 6777891	2004-Aug-17	6777891	2017-Aug-28	
US	2002-May-30	10/159593	2003-Jan-16	US 7221104	2007-May-22	7221104	2019-May-28	
US	2002-Jun-05	10/163085	2003-Feb-06	US 7233831	2007-Jun-19	7233831	2022-Jun-30	
US	2002-Jun-05	10/163164	2004-Dec-28	US 7231060	2007-Jun-12	7231060	2020-Jun-28	
US	2002-Jun-13	10/171463	2003-Mar-27	US 7242152	2007-Jul-10	7242152	2017-Sep-04	
US	2002-Jun-17	10/174499	2003-Mar-27	US 6975079	2005-Dec-13	6975079	2018-Dec-25	
US	2002-Jun-25	10/179352	2003-Dec-25	US 2003234342 A1	2006-Feb-14	6998594	2022-Aug-03	
US	2002-Jul-18	10/483862		US 6972525	2005-Dec-06	6972525	2022-Jul-30	
US	2002-Jul-18	10/483861	2004-Sep-16	US 6922022	2005-Jul-26	6922022	2022-Jul-18	
US	2002-Sep-17	10/245788	2003-Jul-17	US 2003133292				
US	2002-Sep-17	10/245786	2003-Jul-24	US 6965205	2005-Nov-15	6965205	2017-Aug-26	
US	2002-Sep-25	10/254273	2003-Jan-30	US 6793374	2004-Sep-21	6793374	2019-Sep-16	
US	2002-Sep-26	10/255565	2003-May-29	US 7308296	2007-Dec-11	7308296	2017-Nov-06	
US	2002-Oct-25	10/281414	2003-Mar-13	US 6745506	2004-Jun-08	6745506	2021-Jan-04	Yes
US	2002-Nov-04	10/287221	2003-Apr-10	US 6676282	2004-Jan-13	6676282	2020-Jun-22	Yes
US	2002-Nov-19	10/299870		US 6762562	2004-Jul-13	6762562	2022-Nov-19	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	2002-Nov-19	10/822579		US 6853151	2005-Feb-08	6853151	2022-Nov-19	
US	2002-Nov-19	11/804938		US 7507001	2009-Mar-24	7507001	2023-May-13	
US	2002-Nov-19	11/052328		US 7067992	2006-Jun-27	7067992	2022-Nov-19	
US	2002-Nov-22	10/302315	2003-Apr-10	US 6692136	2004-Feb-17	6692136	2019-Dec-02	
US	2002-Dec-19	10/325635	2004-Mar-18	US 2004052076				
US	2002-Dec-19	10/323445	2003-May-08	US 7071762	2006-Jul-04	7071762	2021-Jan-31	
US	2003-Jan-28	10/352,400	2003-Aug-28	20030161153	2007-Mar-06	7,186,008	2023-Jul-30	Yes
US	2003-Feb-06	10/504139	2005-Apr-28	US 7463070	2008-Dec-09	7463070	2024-Jan-18	
US	2003-Feb-06	10/360594	2004-Aug-19	US 7202613	2007-Apr-10	7202613	2021-May-30	
US	2003-Apr-22	10/420506	2004-Feb-19	US 6969954	2005-Nov-29	6969954	2021-Aug-07	
US	2003-May-09	10/435687	2004-Oct-28	US 7038399	2006-May-02	7038399	2021-Jul-09	
US	2003-May-19	10/440117		US 6989807	2006-Jan-24	6989807	2024-Jun-09	
US	2003-Aug-28	10/650476	2004-May-13	US 7204622	2007-Apr-17	7204622	2024-Jan-09	
US	2003-Oct-03	10/678971	2004-Jul-08	US 7300192	2007-Nov-27	7300192	2022-Dec-20	
US	2003-Oct-09	10/684066		US 6930452	2005-Aug-16	6930452	2023-Oct-09	
US	2003-Oct-30	10/698019	2004-Aug-12	US 7132804	2006-Nov-07	7132804	2019-Jun-28	
US	2003-Nov-04	10/701132	2004-May-13	US 7161311	2007-Jan-09	7161311	2017-Aug-26	
US	2003-Nov-10	10/705643	2004-Jun-03	US 7387405	2008-Jun-17	7387405	2018-Dec-17	
US	2003-Nov-11	10/536260	2006-Jul-06	US 7314289	2008-Jan-01	7314289	2024-May-07	
US	2003-Nov-26	10/723711	2005-May-26	US 7144135	2006-Dec-05	7144135	2024-Aug-09	Yes
US	2003-Dec-02	10/726854		US 7030572	2006-Apr-18	7030572	2024-Mar-19	
US	2003-Dec-08	10/730816	2004-Sep-09	US 7182480	2007-Feb-27	7182480	2024-Mar-15	
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US	2004-Feb-27	10/789062	2004-Oct-28	US 6933685	2005-Aug-23	6933685	2021-Dec-27	
US	2004-Mar-18	10/803540	2004-Dec-23	US 7180252	2007-Feb-20	7180252	2020-Feb-24	
US	2004-Mar-26	10/810481	2004-Sep-16	US 7274160	2007-Sep-25	7274160	2017-Sep-28	
US	2004-Apr-21	10/828933	2005-Jun-02	US 7358929	2008-Apr-15	7358929	2024-Mar-31	
US	2004-Apr-22	10/555677	2006-Oct-19	US 7911151	2011-Mar-22	7911151	2026-Sep-09	
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US	2004-Apr-30	10/555680	2006-Nov-30	US 7511436	2009-Mar-31	7511436	2025-Apr-19	
US	2004-May-05	10/839765	2005-Jun-16	US 7178941	2007-Feb-20	7178941	2024-May-05	
US	2004-May-10	10/842257	2004-Dec-02	US 7253566	2007-Aug-07	7253566	2018-Jun-06	
US	2004-May-14	10/846775	2004-Oct-28	US 7427840	2008-Sep-23	7427840	2019-Sep-21	
US	2004-Jun-04	10/861769		US 7070300	2006-Jul-04	7070300	2024-Jul-20	Yes
US	2004-Jun-10	10/866,357	2005-Jan-13	US2005-0007768	2006-Feb-21	7,001,047	2024-Jun-10	Yes
US	2004-Jul-21	10/897,297	2005-Apr-07	2005/0073849	2006-Jan-17	6,986,593	2024-Aug-04	Yes
US	2004-Jul-21	10/897309	2005-Mar-24	US 7255458	2007-Aug-14	7255458	2024-Jul-21	
US	2004-Jul-21	11/215,538	2006-Mar-16	US2006/005618	2006-Oct-03	7,114,832	2024-Jul-21	Yes
US	2004-Jul-22	10/897990	2005-Mar-24	US 7140752	2006-Nov-28	7140752	2024-Aug-06	
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US	2004-Aug-11	10/916018	2005-Mar-24	US 7135824	2006-Nov-14	7135824	2017-Sep-29	
US	2004-Aug-31	10/930345	2005-Feb-10	US 7255457	2007-Aug-14	7255457	2021-Mar-17	
US	2004-Sep-01	10/570539	2007-Jan-18	US 7635957	2009-Dec-22	7635957	2026-Jul-16	
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US	2004-Sep-07	10/935329	2005-Feb-24	US 7132785	2006-Nov-07	7132785	2023-Nov-07	Yes
US	2004-Sep-21	10/572846	2006-Dec-28	US 7714521	2010-May-11	7714521	2027-Sep-12	
US	2004-Sep-30	10/954334	2005-Mar-03	US 7845823	2010-Dec-07	7845823	2022-Nov-19	
US	2004-Oct-04	10/958168	2006-Jul-13	US 2006152172				
US	2004-Nov-03	10/980024	2005-Mar-24	US 7525254	2009-Apr-28	7525254	2019-Jun-21	
US	2004-Nov-05	10/578650	2007-Apr-12	US 7573729	2009-Aug-11	7573729	2025-Jan-05	
US	2004-Nov-22	11/737805	2007-Aug-16	US 7495671	2009-Feb-24	7495671	2024-Nov-22	
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US	2005-Feb-28	11/069388	2005-Sep-22	US 7652300	2010-Jan-26	7652300	2026-Jan-04	Yes
US	2005-Mar-08	11/076461	2005-Oct-27	US 2005236998				
US	2005-Mar-14	11/079448	2005-Oct-06	US 2005218870 A1	2010-Feb-09	7659673	2026-Dec-21	
US	2005-Mar-14	11/079450	2005-Oct-20	US 2005231133 A1	2007-Aug-14	7256554	2025-Mar-14	
US	2005-Mar-14	11/079928	2005-Oct-06	US 2005218838 A1	2007-Jun-19	7233115	2025-Jul-30	
US	2005-Mar-14	11/079904	2005-Sep-29	US 2005213353 A1	2009-Jul-07	7557521	2025-Sep-23	
US	2005-Mar-14	11/079461	2005-Sep-29	US 7459864	2008-Dec-02	7459864	2025-Mar-14	
US	2005-Mar-14	11/079905	2005-Oct-06	US 2005219872 A1	2008-Apr-15	7358706	2026-Mar-16	
US	2005-Mar-23	10/599860	2007-Aug-23	US 7490953	2009-Feb-17	7490953	2025-Apr-19	
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US	2005-Apr-14	11/106381	2005-Dec-29	US 7161313	2007-Jan-09	7161313	2017-Aug-26	

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	2005-May-02	11/568627	2007-Oct-04	US 2007230159				
US	2005-Jun-03	11/569707	2008-Mar-06	US 8084945	2011-Dec-27	8084945	2027-Sep-30	
US	2005-Jun-23	11/570909	2008-Dec-18	US 2008310152				
US	2005-Jun-28	11/570944	2008-Nov-13	US 7667409	2010-Feb-23	7667409	2026-Oct-20	
US	2005-Jul-06	11/571576	2007-Nov-01	US 7741782	2010-Jun-22	7741782	2026-Jan-30	Yes
US	2005-Jul-08	12/631266	2010-Jul-08	US 8080819	2011-Dec-20	8080819	2025-Jul-08	Yes
US	2005-Jul-08	11/178214	2006-Feb-02	US 7646029	2010-Jan-12	7646029	2026-Dec-25	Yes
US	2005-Jul-14	11/572229	2008-Apr-24	US 7791289	2010-Sep-07	7791289	2027-Dec-31	
US	2005-Aug-02	11/573016	2009-Jan-08	US 7806541	2010-Oct-05	7806541	2027-Mar-15	Yes
US	2005-Aug-02	11/573050	2008-Mar-20	US 7566155	2009-Jul-28	7566155	2026-Jan-20	
US	2005-Aug-02	11/573051	2008-Apr-24	US 7722211	2010-May-25	7722211	2026-May-20	Yes
US	2005-Aug-04	11/197283	2006-Feb-09	US 7329998	2008-Feb-12	7329998	2026-Jul-22	
US	2005-Aug-05	11/198248	2006-Apr-06	US 7482760	2009-Jan-27	7482760	2027-Jul-28	
US	2005-Aug-18	11/575515	2008-Apr-24	US 7482567	2009-Jan-27	7482567	2025-Aug-18	
US	2005-Aug-26	11/212185		US 7317403	2008-Jan-08	7317403	2025-Aug-26	Yes
US	2005-Sep-12	11/575332	2008-Dec-25	US 7670038	2010-Mar-02	7670038	2026-Aug-10	Yes
US	2005-Sep-12	11/225377	2006-Jun-22	US 7542257	2009-Jun-02	7542257	2026-Dec-23	
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US	2005-Nov-24	11/719882	2009-Jul-02	US 2009168415				
US	2005-Nov-25	11/719888	2009-Sep-17	US 8063577	2011-Nov-22	8063577	2028-Jan-18	
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US	2005-Dec-02	11/721512		US 7719209	2010-May-18	7719209	2026-Jan-27	
US	2005-Dec-16	11/303,418	2006-Jul-20	2006/0158887	2009-Jun-09	7,543,941	2025-Dec-16	Yes
US	2005-Dec-20	11/313427	2006-Jul-20	US 7710369	2010-May-04	7710369	2029-Mar-03	
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US	2006-Jan-03	11/325080	2007-Jul-05	US 2007152797 A1	2009-Nov-17	7619370	2028-Jan-06	
US	2006-Jan-05	10/567179		US 9111822	2015-Aug-18	9111822	2029-Nov-29	
US	2006-Jan-18	11/813351	2008-Aug-28	US 7808191	2010-Oct-05	7808191	2027-Dec-26	
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US	2006-Mar-02	11/366364	2006-Sep-14	US 7538499	2009-May-26	7538499	2027-Feb-20	
US	2006-Apr-03	11/887696	2009-Dec-24	US 7911118	2011-Mar-22	7911118	2026-Sep-22	
US	2006-Apr-06	10/583297	2008-Dec-04	US 7893631	2011-Feb-22	7893631	2026-Apr-06	
US	2006-Apr-18	11/379191	2006-Sep-21	US 7352138	2008-Apr-01	7352138	2021-Mar-13	
US	2006-May-08	11/429715	2007-Aug-16	US 7511437	2009-Mar-31	7511437	2027-Jul-10	
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US	2006-May-11	11/914979	2008-Aug-28	US 8410723	2013-Apr-02	8410723	2027-Mar-13	
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US	2006-May-23	11/419995	2006-Nov-23	US 7703951	2010-Apr-27	7703951	2027-May-12	
US	2006-May-23	11/419998	2006-Nov-23	US 2006262545 A1	2010-Aug-03	7766518	2027-Dec-21	
US	2006-Jun-01	60/803,670						Yes
US	2006-Jun-06	11/422589	2006-Dec-07	US 7777427	2010-Aug-17	7777427	2029-Jun-17	
US	2006-Jun-26	11/426338	2006-Nov-02	US 7573210	2009-Aug-11	7573210	2026-Aug-10	
US	2006-Jul-05	11/995347	2008-Sep-11	US 7652237	2010-Jan-26	7652237	2026-Aug-06	
US	2006-Aug-28	11/467713	2006-Dec-21	US 7350936	2008-Apr-01	7350936	2020-Nov-20	
US	2006-Sep-04	11/991743		US 8480259	2013-Jul-09	8480259	2029-Jan-03	Yes
US	2006-Sep-15	11/991,950		US 2011187290	2015-Mar-17	8,981,672		Yes
US	2006-Sep-15	12/088434	2008-Oct-16	US 7806577	2010-Oct-05	7806577	2027-Oct-04	Yes
US	2006-Sep-25	12/088360	2008-Nov-06	US 7802902	2010-Aug-28	7802902	2027-Jun-24	
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US	2006-Oct-11	12/089720	2009-May-21	US 7841733	2010-Nov-30	7841733	2027-Jun-27	Yes
US	2006-Oct-13	11/549593	2008-Sep-18	US 7687753	2010-Mar-30	7687753	2025-Oct-10	
US	2006-Oct-16	12/091108	2008-Oct-09	US 7804260	2010-Sep-28	7804260	2027-Jun-23	Yes
US	2006-Oct-27	11/553512		US 8142051	2012-Mar-27	8142051	2027-Feb-19	Yes
US	2006-Nov-07	12/092716	2008-Nov-13	US 7520636	2009-Apr-21	7520636	2026-Nov-07	
US	2006-Nov-13	12/093463	2008-Oct-16	US 7914173	2011-Mar-29	7914173	2027-Apr-28	
US	2006-Nov-17	11/561031	2007-Apr-19	US 7809448	2010-Oct-05	7809448	2020-Aug-23	
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US	2006-Nov-29	60/861,789						Yes
US	2006-Dec-05	12/097283	2008-Dec-04	US 8111022	2012-Feb-07	8111022	2028-Jul-15	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	2006-Dec-11	12/096613	2008-Dec-04	US 7878688	2011-Feb-01	7878688	2027-Aug-16	
US	2006-Dec-12	12/096926	2008-Dec-11	US 8004211	2011-Aug-23	8004211	2027-Dec-31	Yes
US	2006-Dec-13	12/097927	2009-Jan-01	US 9474134	2016-Oct-18	9474134	2030-Aug-09	
US	2006-Dec-20	11/613442	2007-Apr-19	US 7358681	2008-Apr-15	7358681	2025-Apr-06	
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US	2007-Jan-22	11/625608	2007-May-24	US 7959320	2011-Jun-14	7959320	2020-Nov-20	
US	2007-Jan-22	11/625622	2007-May-24	US 7572028	2009-Aug-11	7572028	2020-Nov-20	
US	2007-Jan-26	12/162372	2009-Jan-22	US 8217587	2012-Jul-10	8217587	2028-Aug-24	
US	2007-Feb-08	11/672664	2007-Jun-28	US 8207821	2012-Jun-26	8207821	2027-May-28	
US	2007-Feb-26	13/540,477	2012-Oct-25	US2012/0268934	2013-Apr-09	8,414,161	2031-May-17	Yes
US	2007-Feb-26	13/970,197			2016-Jul-12	9,388,949	2027-Feb-26	Yes
US	2007-Feb-26	15/083,076			2019-Jan-08	10,174,908	2027-Feb-26	Yes
US	2007-Feb-26	14/563,081			2016-Mar-29	9,297,520	2027-Feb-26	Yes
US	2007-Feb-26	12/690,751	2010-Jul-08	US2010-0172135	2013-May-07	8,434,912	2027-Feb-26	Yes
US	2007-Feb-26	13/422,871	2013-Jul-12	US2012/0176791	2013-Aug-20	8,511,864	2027-Feb-26	Yes
US	2007-Feb-26	11/711,218	2007-Aug-30	US2007-0201225	2010-Mar-09	7,674,018	2027-Feb-26	Yes
US	2007-Feb-26	13/858,713			2014-Dec-09	8,905,597	2027-Mar-21	Yes
US	2007-Feb-28	11/680327	2008-Aug-28	US 2008205068	2009-Dec-15	7631990	2027-Dec-30	Yes
US	2007-Mar-02	12/281165	2009-Jan-22	US 8330391	2012-Dec-11	8330391	2029-Jun-08	
US	2007-Mar-02	12/282845	2009-May-21	US 7980726	2011-Jul-19	7980726	2028-Jan-16	
US	2007-Mar-08	12/282005	2010-Oct-21	US 7866845	2011-Jan-11	7866845	2028-Jan-13	
US	2007-Mar-12	60/894,295						Yes
US	2007-Mar-15	11/686491	2007-Dec-20	US 7550931	2009-Jun-23	7550931	2022-Jan-07	
US	2007-Apr-01	11/695024		US 7667408	2010-Feb-23	7667408	2027-Apr-01	Yes
US	2007-Apr-01	60/909,458						Yes
US	2007-Apr-01	11/695023		US 7288902	2007-Oct-30	7288902	2027-Apr-01	Yes
US	2007-Apr-01	60/909,457						Yes
US	2007-Apr-02	11/695396	2007-Nov-29	US 7654703	2010-Feb-02	7654703	2025-Jan-28	
US	2007-Apr-20	12/298795	2009-Nov-19	US 8076872	2011-Dec-13	8076872	2028-Aug-31	
US	2007-Apr-26	11/740380	2007-Aug-16	US 7598686	2009-Oct-06	7598686	2019-Apr-10	
US	2007-May-01	11/742697	2007-Aug-23	US 7659674	2010-Feb-09	7659674	2017-Aug-26	
US	2007-May-02	12/299655	2009-Jul-16	US 8183784	2012-May-22	8183784	2029-Apr-05	
US	2007-May-14	11/748100	2007-Nov-15	US 7658506	2010-Jan-09	7658506	2028-Feb-01	
US	2007-May-21	60/939,275						Yes
US	2007-May-31	12/302300	2009-Jul-02	US 8143803	2012-Mar-27	8143803	2029-Feb-15	Yes
US	2007-Jun-01	14/164,964	2015-Jul-30	2015-0214779	2017-May-30	9,664,347	2027-Jun-01	Yes
US	2007-Jun-01	13/476,533			2014-Jan-28	8,636,387	2027-Jun-01	Yes
US	2007-Jun-01	11/809,785	2008-Jan-31	20080025031	2011-Mar-01	7,896,529	2028-Aug-10	Yes
US	2007-Jun-01	12/969,361			2012-May-22	8,182,120	2027-Jun-01	Yes
US	2007-Jun-12	11/761478	2007-Oct-11	US 7598681	2009-Oct-06	7598681	2027-Jun-12	
US	2007-Jun-12	11/761491	2007-Oct-11	US 7598684	2009-Oct-06	7598684	2027-Jun-12	
US	2007-Jun-19	12/303760	2010-Sep-16	US 8063750	2011-Nov-22	8063750	2028-Mar-12	
US	2007-Jun-20	12/306020	2009-Sep-17	US 8134461	2012-Mar-13	8134461	2028-Nov-27	
US	2007-Jun-21	12/306008	2009-Nov-12	US 7982414	2011-Jul-19	7982414	2028-Jul-16	
US	2007-Jul-05	12/374320	2009-Sep-17	US 7854539	2010-Dec-21	7854539	2027-Dec-05	
US	2007-Jul-10	11/775551	2008-Jan-17	US 7462997	2008-Dec-09	7462997	2017-Aug-26	
US	2007-Jul-12	11/777008	2008-Jan-17	US 7772787	2010-Aug-10	7772787	2028-Oct-30	
US	2007-Jul-20	11/780574	2008-Jan-17	US 7737643	2010-Jun-15	7737643	2025-Mar-14	
US	2007-Aug-03	11/833358	2008-Feb-21	US 2008043464				
US	2007-Aug-09	11/836568		US 8026673	2011-Sep-27	8026673	2030-Jul-27	
US	2007-Aug-09	11/836550	2008-Jul-10	US 8134303	2012-Mar-13	8134303	2030-Nov-26	
US	2007-Aug-09	11/836560						
US	2007-Aug-16	11/893486	2008-Mar-20	US 7712926	2010-May-11	7712926	2028-Feb-15	
US	2007-Aug-21	11/842612	2008-Feb-28	US 7569807	2009-Aug-04	7569807	2027-Nov-28	
US	2007-Aug-24	60/968002						
US	2007-Aug-24	60/957,753						Yes
US	2007-Sep-03	12/439307	2010-Apr-15	US 2010094439				
US	2007-Sep-18	12/439798	2009-Dec-31	US 8729454	2014-May-20	US 8729454	2028-Dec-09	
US	2007-Sep-20	11/858847	2008-Mar-20	US 7688002	2010-Mar-30	7688002	2027-Nov-28	
US	2007-Sep-20	12/443852	2010-Feb-04	US 8067898	2011-Nov-29	8067898	2028-Aug-30	
US	2007-Sep-20	12/443859	2010-Jul-01	US 8106599	2012-Jan-31	8106599	2028-May-09	
US	2007-Sep-21	60/994,792						Yes
US	2007-Oct-11	12/445320	2010-Apr-15	US 8047696	2011-Nov-01	8047696	2028-Mar-31	
US	2007-Oct-12	12/439791	2010-Mar-04	US 7980747	2011-Jul-19	7980747	2028-Jul-20	Yes
US	2007-Oct-19	11/875196	2008-Apr-24	US 7961113	2011-Jun-14	7961113	2029-Oct-16	
US	2007-Oct-31	11/931684	2008-May-01	US 7731389	2010-Jun-08	7731389	2028-Aug-01	
US	2007-Nov-06	12/513520	2010-Mar-25	US 8013533	2011-Sep-06	8013533	2028-Aug-25	
US	2007-Nov-08	12/514463	2010-Mar-04	US 8217763	2012-Jul-18	8217763	2029-Mar-15	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2007-Nov-09	11/938051		US 7781979	2010-Aug-24	7781979	2029-Feb-17	
US	2007-Nov-27	12/516027	2010-Feb-25	US 8692656	2014-Apr-08	8692656	2030-Dec-23	
US	2007-Nov-27	11/945480		US 7806558	2010-Oct-05	7806558	2028-Dec-31	
US	2007-Dec-04	60/992186						
US	2007-Dec-07	12/517367	2010-Apr-01	US 8412354	2013-Apr-02	8412354	2029-Mar-13	
US	2007-Dec-11	12/001786	2008-Sep-04	US 7868562	2011-Jan-11	7868562	2029-Jan-25	
US	2007-Dec-11	12/001642	2008-Jul-10	US 9069341	2015-Jun-30	9069341	2033-Mar-29	
US	2007-Dec-12	11/955196						
US	2007-Dec-17	12/519187	2010-Mar-11	US 8525444	2013-Sep-03	8525444	2029-Sep-01	Yes
US	2008-Feb-15	61/065,914						Yes
US	2008-Feb-15	12/795,149	2010-Nov-04	US 2010277910	2011-Mar-29	7,914,193	2028-Feb-15	Yes
US	2008-Feb-15	12/032,026	2009-Aug-27	US 2009213589	2010-Aug-03	7,766,536	2028-Mar-06	Yes
US	2008-Feb-15	12/795,178	2010-Nov-04	US 201027791	2011-Apr-05	7,918,598	2028-Feb-15	Yes
US	2008-Mar-10	12/075,184	2009-Sep-10	2009-0225549	2011-Feb-15	7,887,216	2028-Aug-28	Yes
US	2008-Mar-12	13/206,212	2011-Dec-01	US 8188677	2012-May-29	8,188,677	2028-Mar-12	Yes
US	2008-Mar-12	12/047269	2008-Sep-18	US 8174204	2012-May-08	8174204	2030-Jul-07	Yes
US	2008-Mar-12	12/047258		US 8018171	2011-Sep-13	8018171	2028-Mar-12	Yes
US	2008-Mar-12	12/047249		US 7852017	2010-Dec-14	7852017	2028-Mar-12	Yes
US	2008-Mar-31	12/593308	2010-Apr-29	US 8203284	2012-Jun-19	8203284	2029-Jan-06	
US	2008-Apr-04	61/042289						
US	2008-Apr-04	12/593382	2010-May-13	US 8220958	2012-Jul-17	8220958	2029-Feb-16	
US	2008-Apr-11	12/595055	2010-Jun-10	US 8226263	2012-Jul-24	8226263	2028-Oct-01	Yes
US	2008-Apr-21	12/596484	2010-Jun-03	US 8159454	2012-Apr-17	8159454	2028-Dec-05	
US	2008-Apr-23	12/596863	2010-May-13	US 8076953	2011-Dec-13	8076953	2028-Jun-29	
US	2008-Apr-28	12/598098	2010-Jun-03	US 8288957	2012-Oct-16	8288957	2029-May-06	
US	2008-Apr-30	12/113320	2008-Nov-13	US 2008278092				
US	2008-May-01	12/598285	2010-Jun-03	US 8330387	2012-Dec-11	8330387	2029-Jul-03	
US	2008-May-02	12/114500	2008-Nov-20	US 7828465	2010-Nov-09	7828465	2029-Jan-30	
US	2008-May-02	12/975991	2011-Apr-21	US 8408741	2013-Apr-02	8408741	2028-Jul-08	
US	2008-May-05	12/599333	2010-Sep-23	US 7943940	2011-May-17	7943940	2028-May-07	Yes
US	2008-May-06	12/599336	2011-Feb-03	US 2011025230				
US	2008-May-09	12/599351	2010-Dec-02	US 8816611	2014-Aug-26	8816611	2031-Dec-18	
US	2008-May-19	13/683,594	2008-Nov-27	WO 2008/144672	2014-Jul-15	8,777,457	2028-May-19	Yes
US	2008-May-19	14/330,598	2008-Nov-27	WO 2008/144672	2016-Nov-01	9,482,394	2028-May-19	Yes
US	2008-May-19	12/599,500	2008-Nov-27	WO 2008144672	2013-Apr-30	8,430,538	2029-Aug-31	Yes
US	2008-May-26	12/600871	2010-Jul-08	US 8425101	2013-Apr-23	8425101	2030-Mar-05	Yes
US	2008-May-30	12/602206	2010-Jul-08	US 9368071	2016-Jun-14	9368071	2031-Jul-29	
US	2008-Jun-09	12/663522	2010-Jul-01	US 8770787	2014-Jul-08	8770787	2029-Jul-28	
US	2008-Jun-23	12/665126	2010-Jul-29	US 8258713	2012-Sep-04	8258713	2029-Mar-04	
US	2008-Jun-26	12/146512	2009-Oct-08	US 2009251059	2012-Jul-03	8212494	2031-Jan-31	
US	2008-Jun-30	12/666826	2010-Jul-22	US 8242710	2012-Aug-14	8242710	2029-Apr-12	
US	2008-Jul-07	12/168776	2009-Apr-30	US 7988328	2011-Aug-02	7988328	2028-Jul-07	
US	2008-Jul-11	12/171362		US 7766509	2010-Aug-03	7766509	2028-Nov-12	Yes
US	2008-Jul-21	12/669059	2010-Aug-05	US 8159155	2012-Apr-17	8159155	2029-Apr-18	
US	2008-Aug-14	61/088,812						Yes
US	2008-Aug-14	12/673038	2012-May-17	US 8427721	2013-Apr-23	8427721	2030-Jan-24	
US	2008-Aug-23	12/675035			2013-Nov-19	8587217	2029-Feb-21	Yes
US	2008-Aug-28	61/092520						
US	2008-Sep-16	12/679324	2010-Aug-19	US 8319406	2012-Nov-27	8319406	2029-Jan-16	Yes
US	2008-Sep-22	16853962	2020-Aug-06	US-2020-0248895-A1				Yes
US	2008-Sep-22	13/543,439			2014-Nov-04	8,876,328	2028-Sep-22	Yes
US	2008-Sep-22	12/235,116	2009-Apr-02	US2009-0086476	2011-Jun-14	7,959,332	2029-Sep-06	Yes
US	2008-Sep-22	15/646,384			2020-Apr-28	10,634,321	2028-Sep-22	Yes
US	2008-Sep-22	13/965,026			2014-Dec-16	8,911,121	2028-Sep-22	Yes
US	2008-Sep-22	13/934,019			2014-Dec-09	8,905,602	2028-Sep-22	Yes
US	2008-Sep-22	12/235,141						Yes
US	2008-Sep-22	14/569,896			2017-Jul-18	9,709,253	2028-Sep-22	Yes
US	2008-Sep-22	13/109,490	2011-Sep-08	US2011-0216534	2013-Jan-08	8,348,479	2028-Oct-16	Yes
US	2008-Sep-22	13/735,655	2011-Sep-08	US2011-0216534	2014-Jul-29	8,789,978	2028-Sep-22	Yes
US	2008-Sep-22	12/235,146	2009-May-21	US2009-0129086	2013-Jul-23	8,491,166	2029-Aug-17	Yes
US	2008-Sep-22	13/431,439	2012-Jul-26	US2012/0188765	2013-Jan-08	8,348,477	2028-Sep-22	Yes
US	2008-Sep-22	14/563,551			2016-Jul-26	9,400,093	2028-Sep-22	Yes
US	2008-Oct-08	12/681950	2010-Aug-19	US 8390207	2013-Mar-05	8390207	2029-Nov-07	
US	2008-Nov-05	12/265354	2009-Mar-19	US 2009072761				
US	2008-Nov-24	12/744088	2010-Sep-30	US 8378591	2013-Feb-19	8378591	2029-Oct-17	
US	2008-Dec-02	12/746551	2010-Oct-21	US 8368315	2013-Feb-05	8368315	2029-Sep-02	
US	2008-Dec-02	12/746540	2010-Sep-30	US 8400071	2013-Mar-19	8400071	2029-Oct-25	
US	2008-Dec-16	12/747521	2010-Oct-28	US 8523389	2013-Sep-03	8523389	2030-Mar-08	
US	2008-Dec-22	12/808910	2011-Nov-24	US 8820972	2014-Sep-02	8820972	2030-Sep-29	



Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	2008-Dec-29	12/810535	2011-Feb-10	US 8938468	2015-Jan-20	8938468	2030-Oct-06	
US	2008-Dec-30	12/345953	2010-Jun-17	US 8013281	2011-Sep-06	8013281	2020-Dec-20	
US	2008-Dec-31	12/347138	2010-Jul-01	US 8212491	2012-Jul-03	8212491	2030-Aug-22	Yes
US	2009-Jan-13	12/352750		US 8070328	2011-Dec-06	8070328	2029-Dec-22	
US	2009-Jan-30	12/363268	2010-Aug-05	US 2010195333 A1	2012-Aug-21	8246212	2030-Sep-18	
US	2009-Jan-30	12/363663		US 7988327	2011-Aug-02	7988327	2029-Aug-07	
US	2009-Jan-30	12/363286	2010-Aug-05	US 2010195330 A1	2012-Oct-16	8287150	2029-Jan-30	
US	2009-Jan-30	12/363281	2010-Aug-05	US 2010195323 A1	2012-Apr-17	8157414	2030-Jan-18	Yes
US	2009-Feb-16	12/371,891			2012-Jun-26	8,207,687	2030-Dec-05	Yes
US	2009-Feb-16	13/525,997			2014-Jul-15	8,779,691	2029-Jul-30	Yes
US	2009-Mar-13	12/832,523			2013-Apr-30	8,430,529	2030-Feb-26	Yes
US	2009-Mar-13	14/275,576	2014-Nov-13	2014-0334155	2015-Jun-02	9,046,231	2029-Mar-13	Yes
US	2009-Mar-13	13/109,503	2011-Sep-08	US2011/0216532	2012-Nov-06	8,303,142	2029-Mar-13	Yes
US	2009-Mar-13	12/403,575	2010-Sep-16	US2010-0232147	2011-Jun-07	7,954,980	2029-Jun-26	Yes
US	2009-Mar-13	13/868,825			2014-May-13	8,721,120	2030-Jul-08	Yes
US	2009-May-20	12/993284	2011-Mar-17	US 8434913	2013-May-07	8434913	2030-May-14	Yes
US	2009-May-28	12/473739	2010-Sep-16	US 2010231133	2017-Jun-27	9693413	2030-Jun-25	
US	2009-May-29	12/474714		US 8536794	2013-Sep-17	8536794	2027-Apr-01	Yes
US	2009-Jul-10	13/002573	2011-May-12	US 8492179	2013-Jul-23	8492179	2029-Jul-29	Yes
US	2009-Jul-17	13/070,299	2011-Jul-14	US 2011069417	2012-Aug-21	8,247,998	2029-Jul-17	Yes
US	2009-Jul-17	12/504,994	2010-Sep-16	US 2010231135	2011-May-03	7,936,135	2029-Jul-17	Yes
US	2009-Jul-17	13/080,353	2011-Jul-28	US 20110181194	2012-Jan-03	8,089,217	2029-Jul-17	Yes
US	2009-Jul-22	13/055213	2011-Jun-02	US 8493004	2013-Jul-23	8493004	2030-Mar-16	
US	2009-Jul-22	13/055517	2011-May-19	US 8466627	2013-Jun-18	8466627	2030-Mar-07	
US	2009-Aug-13	13/418,896	2011-May-19	US-20110115360	2013-Jun-04	8,454,205	2029-Aug-13	Yes
US	2009-Aug-13	12/945,515	2011-May-19	US-20110115360	2012-Mar-13	8,132,942	2029-Aug-13	Yes
US	2009-Aug-13	16/292,097			2019-Sep-03	10,400,996	2029-Aug-13	Yes
US	2009-Aug-13	13/908,663			2016-Mar-29	9,297,517	2029-Sep-28	Yes
US	2009-Aug-13	12/541,060	2010-Feb-18	US2010-0039810	2010-Dec-21	7,854,536	2029-Aug-13	Yes
US	2009-Aug-13	16/557,928			2021-Apr-13	US 10976027	2029-Aug-13	Yes
US	2009-Aug-13	15/083,074			2019-Mar-05	10,222,030	2029-Aug-13	Yes
US	2009-Aug-14	61/233,829						Yes
US	2009-Sep-02	13/120347	2011-Jul-21	US 8552662	2013-Oct-08	8552662	2029-Sep-02	Yes
US	2009-Sep-04	13/062955	2011-Jul-07	US 8579473	2013-Nov-12	8579473	2030-Jul-11	Yes
US	2009-Oct-07	12/575272	2010-Apr-15	US 8829812	2014-Sep-09	8829812	2029-Oct-07	
US	2009-Oct-07	61/249483						
US	2009-Oct-25	61/254,709						Yes
US	2009-Oct-26	61/279750						Yes
US	2009-Oct-26	61/279750						Yes
US	2009-Oct-26	61/279755						Yes
US	2009-Nov-03	13/126196	2011-Aug-25	US 8414138	2013-Apr-09	8414138	2029-Dec-26	Yes
US	2009-Nov-10	12/615513	2010-Feb-25	US 2010046227	2019-Oct-15	10443797	2029-Nov-10	
US	2009-Nov-12	13/108407	2013-Sep-12	US 8760043	2014-Jun-24	8760043	2029-Nov-12	Yes
US	2009-Nov-12	13/128945	2011-Oct-13	US 8314537	2012-Nov-20	8314537	2029-Nov-12	Yes
US	2009-Nov-27	16046234	2018-Nov-15	JS2018-0332143-A	2018-Nov-27	US10142443	2029-Nov-27	Yes
US	2009-Nov-27	13/133457			2018-Sep-11	10075558	2030-Sep-03	Yes
US	2009-Nov-30	12/627461		US 8096691	2012-Jan-17	8096691	2020-May-30	Yes
US	2009-Nov-30	13/143634	2011-Nov-03	US 8292471	2012-Oct-23	8292471	2029-Nov-30	
US	2009-Dec-11	12/636243	2011-Jun-16	US 2011141728 A1	2013-Aug-13	8506127	2031-Apr-29	Yes
US	2009-Dec-28	13/061154	2011-Jun-23	US 2011148313	2017-Jul-11	9706612	2033-May-29	
US	2009-Dec-30	12/650139		US 8317371	2012-Nov-27	8317371	2029-Dec-30	
US	2010-Jan-04	13/143733	2011-Nov-03	US 8628220	2014-Jan-14	8628220	2030-Sep-24	
US	2010-Jan-05	13/143608	2011-Nov-10	US 8602621	2013-Dec-10	8602621	2030-Jul-23	
US	2010-Jan-20	12/690,794	2010-May-27	US2010-0128489	2011-May-17	7,942,559	2030-Jan-20	Yes
US	2010-Jan-20	12/690,821	2010-Jul-01	US2010-0165625	2011-Aug-09	7,993,036	2027-Feb-26	Yes
US	2010-Jan-27	12/694353	2010-May-27	US 7986103	2011-Jul-26	7986103	2025-Jun-28	
US	2010-Feb-10	12/703334	2010-Oct-14	US 8602601	2013-Dec-10	8602601	2031-Oct-10	Yes
US	2010-Mar-11	61/339907						Yes
US	2010-Mar-15	13/259165	2012-Apr-19	US 2012091902	2017-Mar-07	9591725	2032-Jun-11	Yes
US	2010-Mar-30	13/260752	2012-Feb-02	US 8556456	2013-Oct-15	8556456	2030-Jul-15	Yes
US	2010-Mar-31	13/262873	2012-May-17	US 2012119639	2017-Sep-05	9754776	2034-Mar-22	Yes
US	2010-Apr-01	13/264164	2012-Feb-09	US 8698646	2014-Apr-15	8698646	2030-Oct-05	Yes
US	2010-Apr-21	61/326,552						Yes
US	2010-Apr-23	13/318788	2012-Jun-21	US 9175817	2015-Nov-03	9175817	2030-Apr-23	Yes
US	2010-Apr-27	61/328247						Yes
US	2010-May-05	13/320987	2012-Mar-15	US 8531111	2013-Sep-10	8531111	2030-Sep-18	Yes
US	2010-May-07	12/775484	2011-Jan-06	US 8267549	2012-Sep-18	8267549	2031-Apr-02	
US	2010-May-07	12/775,757			2013-Mar-26	8,405,947	2031-Jul-26	Yes
US	2010-May-07	13/848,610			2014-Mar-18	8,675,332	2030-May-07	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

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US	2010-May-21	12/785383	2011-Apr-28	US 8441202	2013-May-14	US8441202	2030-May-21	Yes
US	2010-May-21	13/321848	2012-Mar-22	US 9360203	2016-Jun-07	9360203	2030-May-21	Yes
US	2010-May-24	14/514,612	2015-Mar-05	US 2015061534	2016-Feb-02	9,253,844	2030-May-24	Yes
US	2010-May-24	15/012,135	2016-May-26	US 2016150604	2018-Jan-09	9,867,243	2030-May-24	Yes
US	2010-May-24	13/676,345	2013-May-23	US 2013127349	2014-Dec-30	8,922,136	2030-Aug-18	Yes
US	2010-May-24	12/785,498	2011-Nov-10	US 2011273098	2013-Feb-12	8,373,363	2030-Jul-13	Yes
US	2010-May-24	13/662,979	2013-Aug-15	US 2013207556	2014-Aug-05	8,796,955	2030-May-24	Yes
US	2010-May-26	13/322704	2012-Jun-28	US 8894238	2014-Nov-25	8894238	2031-Apr-12	Yes
US	2010-Jun-04	13/376294	2012-Nov-01	US 9184497	2015-Nov-10	9184497	2032-Jul-11	Yes
US	2010-Jun-07	12/795,395	2011-Apr-28	US 2011095687	2011-Sep-06	8,013,545	2030-Jun-07	Yes
US	2010-Jun-07	13/776,778	2013-Jun-27	US 2013162166	2013-Sep-10	8,531,137	2030-Jun-07	Yes
US	2010-Jun-07	13/195,655	2012-Jul-26	US 2012187835	2013-Apr-16	8,421,376	2030-Jun-07	Yes
US	2010-Jun-08	12/795816	2010-Sep-23	US 7950825	2011-May-31	7950825	2030-Jun-08	
US	2010-Jun-09	13/378381	2012-Jun-21	US 8633650	2014-Jan-21	8633650	2030-Jun-09	Yes
US	2010-Jun-11	13/379037	2012-May-03	US 8845146	2014-Sep-30	8845146	2030-Jun-11	Yes
US	2010-Jun-14	13/379052	2012-Apr-26	US 8227968	2012-Jul-24	8227968	2030-Jun-14	Yes
US	2010-Jun-15	13/379044	2012-Apr-26	US 8680779	2014-Mar-25	8680779	2030-Nov-19	Yes
US	2010-Jun-16	12/817143	2010-Oct-07	US 8047699	2011-Nov-01	8047699	2030-Jun-16	
US	2010-Jun-16	12/817146	2010-Sep-30	US 8262272	2012-Sep-11	8262272	2030-Jun-16	
US	2010-Jun-16	12/817144	2010-Oct-07	US 8016459	2011-Sep-13	8016459	2030-Jun-16	
US	2010-Jun-22	13/380587	2012-Apr-26	US 9155138	2015-Oct-06	9155138	2030-Jun-22	Yes
US	2010-Jul-08	12/832358	2010-Oct-28	US 7959326	2011-Jun-14	7959326	2028-Nov-12	Yes
US	2010-Jul-09	61/363161						Yes
US	2010-Jul-09	61/363161						Yes
US	2010-Jul-14	13/386479	2012-May-17	US 8939605	2015-Jan-27	8939605	2030-Jul-14	
US	2010-Jul-19	13/386488	2012-Jul-12	US 9468079	2016-Oct-11	9468079	2033-Dec-08	Yes
US	2010-Jul-21	12/840301	2011-Mar-10	US 8246200	2012-Aug-21	8246200	2031-Feb-16	
US	2010-Jul-27	13/386700	2012-May-24	US 8723431	2014-May-13	8723431	2031-Feb-10	Yes
US	2010-Aug-11	12/854200	2011-Mar-03	US 8120279	2012-Feb-21	8120279	2025-Oct-04	
US	2010-Aug-13	12/856,009	2012-Feb-16	US 2012038286	2013-May-07	8,436,549	2031-Mar-10	Yes
US	2010-Aug-18	14/105615	2014-Apr-17	US 9345079	2016-May-17	9345079	2030-Aug-18	Yes
US	2010-Aug-18	13/392543	2012-Jun-21	US 8624513	2014-Jan-07	8624513	2030-Aug-18	Yes
US	2010-Aug-30	13/391557	2012-Jun-14	US 8860314	2014-Oct-14	8860314	2030-Aug-30	Yes
US	2010-Sep-01	13/391646	2012-Jun-14	US 8629622	2014-Jan-14	8629622	2031-Jan-17	Yes
US	2010-Sep-07	13/496275	2012-Jul-05	US 9167652	2015-Oct-20	9167652	2030-Sep-07	Yes
US	2010-Sep-09	61/381,354						Yes
US	2010-Sep-09	13/392886	2012-Jun-21	US 8610374	2013-Dec-17	8610374	2031-Jan-15	Yes
US	2010-Sep-09	13/202468	2012-Jul-05	US 8622577	2014-Jan-07	8622577	2030-Sep-09	Yes
US	2010-Sep-13	13/392637	2012-Jun-21	US 8746936	2014-Jun-10	8746936	2030-Sep-13	Yes
US	2010-Sep-24	12/889760	2011-Jan-20	US 7891844	2011-Feb-22	7891844	2027-Mar-15	Yes
US	2010-Sep-29	13/500101	2012-Aug-02	US 9039252	2015-May-26	9039252	2031-May-05	Yes
US	2010-Oct-08	12/900535	2011-Feb-03	US 8240900	2012-Aug-14	8240900	2025-Sep-19	
US	2010-Oct-26	13/481898	2012-Sep-20	US 8344630	2013-Jan-01	US8344630	2030-Oct-26	Yes
US	2010-Oct-26	12/912613	2011-Oct-06	US 8283875	2012-Oct-09	US8283875	2030-Oct-26	Yes
US	2010-Oct-26	13/706104	2013-Apr-18	US 8547024	2013-Oct-01	US8547024	2030-Oct-26	Yes
US	2010-Oct-26	12/912576	2011-Aug-25	US 8203277	2012-Jun-19	US8203277	2030-Oct-26	Yes
US	2010-Oct-29	13/505767	2012-Sep-06	US 9338860	2016-May-10	9338860	2030-Oct-29	Yes
US	2010-Nov-11	61/412,740						Yes
US	2010-Nov-16	61/414,291						Yes
US	2010-Nov-22	13/513870	2012-Nov-08	US 8668354	2014-Mar-11	8668354	2030-Nov-22	Yes
US	2010-Nov-25	13/093700	2012-Apr-26	US 8686668	2014-Apr-01	8686668	2031-Oct-23	Yes
US	2010-Nov-30	13/512409	2012-Sep-20	US 2012235594	2015-Sep-15	9137865	2031-Apr-30	Yes
US	2010-Dec-10	13/513648						Yes
US	2010-Dec-13	13/519422	2012-Nov-29	US 8827494	2014-Sep-09	8827494	2030-Dec-13	Yes
US	2010-Dec-14	61/423,022						Yes
US	2010-Dec-14	61/423,016						Yes
US	2010-Dec-20	12/973,338			2012-Sep-25	8,272,756	2030-Dec-20	Yes
US	2011-Jan-28	13/015,877			2013-Mar-26	8,403,533	2031-May-13	Yes
US	2011-Feb-28	61/447,173						Yes
US	2011-Feb-28	13/582417	2012-Dec-20	US 8729781	2014-May-20	8729781	2031-Feb-28	Yes
US	2011-Feb-28	14/204557	2014-Jul-10	US 9383081	2016-Jul-05	9383081	2031-Feb-28	Yes
US	2011-Feb-28	13/036,420			2013-Jun-25	8,471,488	2031-Feb-28	Yes
US	2011-Mar-11	13/636165	2013-Jun-06	US 2013141001	2016-Nov-01	9485833	2033-Nov-06	Yes
US	2011-Mar-15	13/048,435			2015-Apr-21	9,010,956	2034-Jan-19	Yes
US	2011-Mar-15	16/538,709			2020-Jan-07	10,527,264	2039-Aug-12	Yes
US	2011-Mar-15	15/470,631			2019-Aug-13	10,378,738	2031-Mar-15	Yes
US	2011-Mar-15	16/735,124			2020-Jun-09	10/677,429	2031-Mar-15	Yes
US	2011-Mar-15	14/690,188			2017-Mar-28	9,605,842	2031-Mar-15	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2011-Mar-25	13/072638	2011-Nov-03	US 8339066	2012-Dec-25	US8339066	2031-Mar-25	Yes
US	2011-Apr-01	61/470597						
US	2011-Apr-01	13/639877	2013-Feb-21	US 9151469	2015-Oct-06	9151469	2031-Jul-31	
US	2011-Apr-06	13/122921	2011-Aug-11	US 8569969	2013-Oct-29	8569969	2032-Jan-13	Yes
US	2011-Apr-13	13/085,917	2012-Jun-14	US 2012147604	2014-Feb-04	8,641,241	2031-Dec-01	Yes
US	2011-Apr-21	13/091,922			2014-Jul-14	8,777,460	2032-Oct-12	Yes
US	2011-Apr-21	15/192,155			2017-Mar-07	9,587,814	2031-Apr-21	Yes
US	2011-Apr-21	13/092,039	2011-Dec-22	JS2011/0310600 A	2016-Jun-28	9,377,173	2032-Sep-15	Yes
US	2011-Apr-21	14/330,728	2014-Oct-30	2014-0321131	2017-Jun-13	9,677,727	2032-Oct-12	Yes
US	2011-Apr-22	13/641982	2013-Feb-07	US 8937434	2015-Jan-20	8937434	2031-Apr-22	Yes
US	2011-Apr-26	13/643570	2013-Feb-14	US 8981637	2015-Mar-17	8981637	2031-Apr-26	Yes
US	2011-Apr-27	13/695800	2013-Feb-28	US 8979337	2015-Mar-17	8979337	2031-Sep-27	Yes
US	2011-May-16	13/108551	2011-Sep-08	US 8434897	2013-May-07	8434897	2028-May-02	
US	2011-May-17	13/109,609	2011-Sep-08	US2011/0216544	2012-Jul-03	8,210,722	2030-Jan-20	Yes
US	2011-Jun-16	13/703717	2013-Oct-24	US 9288866	2016-Mar-15	9288866	2032-Mar-07	Yes
US	2011-Jun-16	15/046,121	2016-Aug-25	US 9609717	2017-Mar-28	9609717	2031-Jun-16	Yes
US	2011-Jun-20	61/498864						Yes
US	2011-Jun-24	13/810787	2013-May-09	US 8858248	2014-Oct-14	8858248	2031-Jun-24	Yes
US	2011-Jun-30	13/806340	2013-Apr-18	US 8845127	2014-Sep-30	8845127	2031-Jun-30	Yes
US	2011-Jul-13	61/507168						Yes
US	2011-Jul-14	13/810924	2013-May-16	US 9151467	2015-Oct-06	9151467	2031-Jul-14	Yes
US	2011-Jul-20	61/509,951						Yes
US	2011-Jul-21	13/188,043			2014-Jan-14	8,629,631	2032-Jul-08	Yes
US	2011-Jul-25	61/511245						Yes
US	2011-Jul-29	13/194699		US 8749173	2014-Jun-10	8749173	2031-Jul-29	Yes
US	2011-Jul-29	14/102809	2015-Jun-11	US 9240725	2016-Jan-19	9240725	2031-Jul-29	Yes
US	2011-Jul-29	13/194808	2012-Feb-02	US 8610364	2013-Dec-17	8610364	2032-Feb-23	Yes
US	2011-Aug-02	61/514,242						Yes
US	2011-Aug-05	13/819884	2013-Jun-20	US 2013159754	2018-Jun-05	9990019	2034-Jun-09	Yes
US	2011-Aug-11	13/816953	2013-Jun-13	US 9057492	2015-Jun-16	9057492	2031-Aug-11	Yes
US	2011-Aug-15	61/523542						Yes
US	2011-Aug-18	13/212537	2011-Dec-15	US 8773042	2014-Jul-08	8773042	2031-Aug-18	Yes
US	2011-Aug-29	13/220,411			2014-Aug-05	8,794,792	2031-Aug-29	Yes
US	2011-Aug-30	61/528,802						Yes
US	2011-Oct-06	61/543861						Yes
US	2011-Oct-14	61/547082						Yes
US	2011-Oct-19	61/548882						Yes
US	2011-Oct-20	61/549360						Yes
US	2011-Nov-04	61/555647						Yes
US	2011-Nov-07	13/290,970	2012-May-17	US 2012120655				Yes
US	2011-Nov-07	13/873,758	2013-Sep-19	US 2013242535	2015-Sep-08	9,127,829	2032-Jan-20	Yes
US	2011-Nov-11	61/558,529						Yes
US	2011-Nov-14	61/531142						Yes
US	2011-Nov-15	13/988140	2013-Sep-12	US 9119260	2015-Aug-25	9119260	2031-Nov-15	Yes
US	2011-Nov-16	13/298002	2012-May-17	US 8547034	2013-Oct-01	8547034	2031-Nov-16	Yes
US	2011-Nov-16	14/012775	2013-Dec-23	US 9155163	2015-Oct-06	9155163	2031-Nov-16	Yes
US	2011-Nov-16	61/560409						Yes
US	2011-Nov-17	61/560970						Yes
US	2011-Nov-22	13/989472	2013-Sep-26	US 9313838	2016-Apr-12	9313838	2031-Nov-22	Yes
US	2011-Nov-25	13/093705	2012-Mar-15	US 8598804	2013-Dec-03	US8598804	2031-Nov-25	Yes
US	2011-Dec-01	13/308552	2012-Jun-07	US 8508156	2013-Aug-13	8508156	2032-Mar-12	Yes
US	2011-Dec-09	13/996778	2013-Oct-10	US 9234635	2016-Jan-12	9234635	2031-Dec-09	Yes
US	2011-Dec-22	13/334118	2012-Apr-19	US 8456089	2013-Jun-04	8456089	2031-Dec-22	Yes
US	2012-Jan-04	13/343104	2012-May-03	US 8362715	2013-Jan-29	8362715	2032-Jan-04	Yes
US	2012-Jan-06	61/583654						Yes
US	2012-Jan-06	61/583707						Yes
US	2012-Jan-11	13/978549	2014-Jan-02	US 9249965	2016-Feb-02	9249965	2032-Jul-09	Yes
US	2012-Jan-13	61/586156						Yes
US	2012-Jan-13	61/586140						Yes
US	2012-Jan-19	61/588,537						Yes
US	2012-Feb-01	61/593378						Yes
US	2012-Feb-01	61/593354						Yes
US	2012-Feb-01	13/983086	2013-Nov-28	US 2013313983	2017-Jan-03	9538596	2032-Feb-01	Yes
US	2012-Feb-02	61/593906						Yes
US	2012-Feb-02	61/593919						Yes
US	2012-Feb-17	61/600,330						Yes
US	2012-Feb-24	61/602710						Yes
US	2012-Feb-28	13/828,670			2015-Sep-22	9,140,430	2032-Aug-18	Yes
US	2012-Feb-28	14/860,524			2016-Nov-15	9,494,283	2032-Feb-28	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2012-Feb-28	14/733,644			2016-Oct-04	9,458,983	2032-Feb-28	Yes
US	2012-Feb-28	13/407,401			2015-Jun-09	9,052,086	2032-Aug-28	Yes
US	2012-Feb-28	14/729,941			2016-Sep-06	9,435,510	2032-Feb-28	Yes
US	2012-Feb-28	15/257,730			2017-Feb-21	9,574,746	2032-Feb-28	Yes
US	2012-Feb-28	16/292,105			2021-May-18	11009214	2032-Jul-30	Yes
US	2012-Feb-28	15/351,056			2018-Jun-26	10,006,606	2032-Apr-11	Yes
US	2012-Feb-28	16/017,521			2019-Mar-05	10,222,027	2033-Mar-14	Yes
US	2012-Mar-09	61/608696						Yes
US	2012-Mar-12	13/417622	2012-Jul-05	US 8816602	2014-Aug-26	8816602	2032-Mar-12	
US	2012-Mar-12	14/004745	2013-Dec-26	US 9313848	2016-Apr-12	9313848	2032-Mar-12	Yes
US	2012-Mar-16	14/006988	2014-Jan-09	US 9377186	2016-Jun-28	9377186	2032-Mar-16	Yes
US	2012-Mar-19	61/612562						Yes
US	2012-Mar-20	61/613121						Yes
US	2012-Mar-22	14/007402	2014-Jan-30	US 2014029247	2017-Mar-07	9587815	2032-Aug-27	Yes
US	2012-Mar-23	14/007718	2014-Jan-16	US 2014015436	2016-Oct-25	9480116	2032-Mar-23	Yes
US	2012-Mar-27	14/008580	2014-Jan-23	US 9301354	2016-Mar-29	9301354	2032-Mar-27	Yes
US	2012-Mar-27	61/615927						Yes
US	2012-Mar-27	13/431569		US 8482220	2013-Jul-09	8482220	2028-Mar-12	Yes
US	2012-Mar-29	61/617108						Yes
US	2012-Apr-02	61/619,018						Yes
US	2012-Apr-02	14/042751	2015-Apr-02	US 2015092419	2020-May-12	US 10648623	2035-Feb-03	
US	2012-Apr-03	14/009865	2014-Jan-23	US 2014021857				Yes
US	2012-Apr-05	61/620495						Yes
US	2012-Apr-06	61/621046						Yes
US	2012-Apr-17	14/114930	2014-Mar-20	US 2014077247	2017-Sep-05	9755117	2032-Apr-17	Yes
US	2012-May-03	61/641949						Yes
US	2012-May-03	13/463,107			2014-Sep-30	8,845,144	2033-Jan-02	Yes
US	2012-May-04	14/556,949			2017-Aug-01	9,719,672	2032-Sep-05	Yes
US	2012-May-04	13/464,077			2014-Dec-02	8,899,786	2032-Sep-05	Yes
US	2012-May-08	61/643976						Yes
US	2012-May-11	61/645780						Yes
US	2012-May-14	14/117047	2018-Feb-01	US-2018-0035503-A	2019-May-21	US 10299331	2033-May-25	Yes
US	2012-Jun-01	14/126527	2014-May-01	US 9249962	2016-Feb-02	9249962	2032-Jun-01	Yes
US	2012-Jun-05	13/488580		US 8581504	2013-Nov-12	8581504	2028-Dec-31	Yes
US	2012-Jun-05	61/655548						Yes
US	2012-Jun-25	13/531661	2012-Oct-18	US 8491154	2013-Jul-23	8491154	2032-Jun-25	Yes
US	2012-Jun-27	61/664885						Yes
US	2012-Jul-05	14/131923	2014-Jun-19	US 2014168833	2018-Jun-12	9997909	2032-Jul-10	Yes
US	2012-Jul-12	61/670682						Yes
US	2012-Jul-16	61/671940						Yes
US	2012-Jul-20	13/554,956			2015-Aug-18	9,109,774	2033-Feb-27	Yes
US	2012-Jul-20	14/828,362			2017-Mar-28	9,605,830	2032-Aug-25	Yes
US	2012-Jul-24	14/234519	2014-Jun-26	US 8957604	2015-Feb-17	8957604	2032-Jul-24	Yes
US	2012-Aug-01	13/563,789			2016-Feb-23	9,270,143	2034-Jul-19	Yes
US	2012-Aug-02	14/237913	2014-Jul-24	US 9357600	2016-May-31	9357600	2032-Dec-18	Yes
US	2012-Aug-30	13/599,104			2015-Mar-31	8,994,296	2033-Mar-28	Yes
US	2012-Aug-30	14/357626	2014-Sep-25	US 9301347	2016-Mar-29	9301347	2032-Aug-30	Yes
US	2012-Aug-31	61/695809						Yes
US	2012-Sep-12	61/699,965						Yes
US	2012-Sep-26	61/705655						Yes
US	2012-Oct-05	14/346808	2014-Aug-21	US 2014232299	2018-Jul-24	10034340	2033-Apr-21	Yes
US	2012-Oct-12	14/350443	2014-Sep-11	US 2014252992	2017-Jun-06	9674904	2032-Oct-12	Yes
US	2012-Oct-15	13/651777	2013-Feb-14	US 8672519	2014-Mar-18	8672519	2032-Oct-15	
US	2012-Oct-17	14/352934	2014-Sep-18	US 9101013	2015-Aug-04	9101013	2032-Oct-17	Yes
US	2012-Oct-19	14/358278	2014-Oct-23	US 9332603	2016-May-03	9332603	2032-Oct-19	Yes
US	2012-Oct-19	14/352034	2014-Sep-11	US 8946978	2015-Feb-03	8946978	2032-Oct-19	Yes
US	2012-Oct-29	14/356184	2014-Oct-23	US 9253831	2016-Feb-02	9253831	2032-Oct-29	Yes
US	2012-Nov-07	61/723,587						Yes
US	2012-Nov-09	13/673879		US 8912734	2014-Dec-16	8912734	2032-Nov-09	Yes
US	2012-Nov-15	61/726624						Yes
US	2012-Nov-16	14/359249	2014-Oct-30	US 2014321115	2017-Jan-24	9551466	2032-Nov-16	Yes
US	2012-Dec-11	14/365133		US 9380658	2016-Jun-28	9380658	2032-Dec-11	Yes
US	2012-Dec-26	13/726793	2013-May-09	US 8807765	2014-Aug-19	8807765	2032-Dec-26	
US	2013-Jan-02	14/370607	2014-Dec-25	US 8975820	2015-Mar-10	8975820	2033-Jan-02	Yes
US	2013-Jan-02	14/350829	2014-Nov-13	US 9072142	2015-Jun-30	9072142	2033-Jan-02	Yes
US	2013-Jan-02	14/370564	2014-Nov-06	US 9380659	2016-Jun-28	9380659	2033-Jan-02	Yes
US	2013-Jan-10	14/371867	2015-Jan-01	US 9279547	2016-Mar-08	9279547	2033-Jan-10	Yes
US	2013-Jan-15	14/375245	2015-Jan-22	US 9198250	2015-Nov-24	9198250	2033-Jan-15	Yes
US	2013-Jan-18	14/375180	2015-Jan-01	US 2015002040	2017-Aug-22	9743467	2033-Jan-18	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2013-Jan-22	15/463,667			2019-Jan-29	10,190,754	2032-May-26	Yes
US	2013-Jan-22	13/746,835			2017-Mar-21	9,599,315	2033-Aug-14	Yes
US	2013-Jan-22	13/746,649			2015-Jun-23	9,062,866	2033-May-24	Yes
US	2013-Jan-22	13/746,817			2015-Aug-18	9,109,783	2033-Jun-30	Yes
US	2013-Jan-25	14/372846	2014-Dec-04	US 9326344	2016-Apr-26	9326344	2033-Jan-25	Yes
US	2013-Jan-25	14/375225	2015-Jan-22	US 2015221007	2017-Jan-10	9544966	2033-Jan-25	Yes
US	2013-Feb-04	13/757919	2014-Jul-10	US 9429279	2016-Aug-30	9429279	2029-Apr-13	
US	2013-Feb-08	14/376253	2015-Jan-29	US 9282605	2016-Mar-08	9282605	2033-Feb-08	Yes
US	2013-Feb-22	14/377197			2016-Dec-20	9526133	2033-Apr-07	Yes
US	2013-Feb-22	14/384047	2015-Mar-12	US 2015069925	2017-May-16	9655176	2033-Jun-05	Yes
US	2013-Mar-06	13/786585	2013-Jul-18	US 9060398	2015-Jun-16	9060398	2025-Jun-03	
US	2013-Mar-07	14/388437		US 9210750	2015-Dec-08	9210750	2033-Mar-07	Yes
US	2013-Mar-07	13/788,827			2015-Aug-18	9,110,216	2033-Jul-26	Yes
US	2013-Mar-07	14/815,288			2018-Aug-07	10,042,113	2033-Jun-09	Yes
US	2013-Mar-07	16/056,299			2019-Nov-12	10,473,850		Yes
US	2013-Mar-08	14/385776		US 9326340	2016-Apr-26	9326340	2033-Mar-08	Yes
US	2013-Mar-11	14/385781	2015-Jan-29	US 2015029713	2018-Aug-21	10054272	2035-Apr-16	Yes
US	2013-Mar-12	14/603,834			2019-Jun-04	10,309,632	2033-May-18	Yes
US	2013-Mar-12	13/795,631			2015-Nov-17	9,188,318	2033-May-18	Yes
US	2013-Mar-12	16/430,066						Yes
US	2013-Mar-15	13/833587		US 9184666	2015-Nov-10	9184666	2033-Mar-15	Yes
US	2013-Mar-20	14/387260		US 9445465	2016-Sep-13	9445465	2033-Jun-09	Yes
US	2013-Mar-22	13/849,140			2014-Aug-05	8,794,803	2031-May-13	Yes
US	2013-Apr-01	16/011,097			2019-May-28	10,302,287	2033-Apr-01	Yes
US	2013-Apr-01	14/607,751			2016-Nov-15	9,494,306	2033-Apr-01	Yes
US	2013-Apr-01	16/422,681			2020-May-26	10/663,151	2033-Apr-01	Yes
US	2013-Apr-01	15/267,961			2018-Jun-19	10,001,265	2033-Apr-01	Yes
US	2013-Apr-01	13/854,290			2015-Feb-24	8,960,971	2033-Sep-12	Yes
US	2013-Apr-02	14/390664	2015-Feb-05	US 2015035452	2017-Jan-03	9538592	2033-Aug-15	Yes
US	2013-Apr-04	14/390439			2018-Oct-02	US10090442	2033-Apr-04	Yes
US	2013-Apr-05	61/809,167						Yes
US	2013-Apr-16	14/395532			2016-Oct-25	9476580	2033-May-05	Yes
US	2013-Apr-26	14/394763			2018-May-22	9980334	2033-Apr-26	Yes
US	2013-May-22	14/403631	2015-Jun-11	US 2015159813	2017-May-09	9644798	2033-Sep-25	Yes
US	2013-Jun-10	61/833,139						Yes
US	2013-Jun-13	13/917194		US 8963449	2015-Feb-24	8963449	2033-Jun-13	Yes
US	2013-Jun-17	14/409143		US 9450481	2016-Sep-20	9450481	2033-Jun-17	Yes
US	2013-Jul-03	13/934761	2014-Dec-18	US 9119268	2015-Aug-25	9119268	2033-Jul-03	Yes
US	2013-Jul-10	14/413013		US 9383069	2016-Jul-05	9383069	2033-Aug-04	Yes
US	2013-Jul-12	14415436			2017-Mar-21	9603216	2033-Jul-12	Yes
US	2013-Aug-19	61/867326						Yes
US	2013-Aug-26	14/010087	2013-Dec-26	US 9000680	2015-Apr-07	9000680	2033-Aug-26	Yes
US	2013-Aug-27	15/901,625			2019-Oct-15	10,443,829	2033-Aug-27	Yes
US	2013-Aug-27	15/186,122			2018-Mar-13	9,915,417	2033-Aug-27	Yes
US	2013-Aug-27	16/588,665			2020-Oct-06	US 10794579	2033-Aug-27	Yes
US	2013-Aug-27	14/011,446			2016-Jun-21	9,374,869	2034-Aug-20	Yes
US	2013-Sep-17	14/428648			2018-Feb-13	9890942	2034-Jan-17	Yes
US	2013-Sep-24	14/428652		US 9351357	2016-May-24	9351357	2033-Sep-24	Yes
US	2013-Oct-10	14/050478	2014-Feb-06	US 8979319	2015-Mar-17	8979319	2033-Oct-10	Yes
US	2013-Oct-15	61/891,284						Yes
US	2013-Nov-20	14/085,509			2015-Dec-01	9,200,765	2034-Feb-01	Yes
US	2013-Dec-02	14/651733		US 9351367	2016-May-24	9351367	2033-Dec-02	Yes
US	2013-Dec-05	14/649244			2018-Jun-26	10006608	2034-Apr-02	Yes
US	2014-Jan-15	14/155642	2014-May-08	US 8823274	2014-Sep-02	8823274	2034-Jan-15	Yes
US	2014-Feb-28	61/946178						Yes
US	2014-Mar-05	14/772571	2016-Feb-04	US 2016033099	2017-Nov-21	9822940	2034-Aug-12	Yes
US	2014-Mar-12	14/779816			2017-May-16	9651730	2034-Mar-12	Yes
US	2014-Apr-01	14/740,964	2015-Oct-01	2015-0276195	2018-Jun-26	10,006,618	2034-Nov-16	Yes
US	2014-Apr-01	14/879,695			2018-Jun-19	10,001,270	2034-Dec-06	Yes
US	2014-Apr-01	14/740,975			2016-Nov-15	9,494,307	2034-Apr-06	Yes
US	2014-Apr-01	14/242,381	2014-Oct-09	2014-0301092	2015-Jun-30	9,068,722	2034-Apr-01	Yes
US	2014-Apr-01	14/242,552			2017-Apr-18	9,625,109	2034-Nov-15	Yes
US	2014-Apr-01	14/804,062			2019-Sep-10	10,408,436	2037-Sep-05	Yes
US	2014-Apr-01	14/242,535	2015-Apr-16	2015-0103536	2015-Jul-21	9,086,198	2034-Apr-01	Yes
US	2014-Apr-01	15/265,427	2017-Jan-12	2017-0009965	2018-Oct-30	10,113,723	2034-Jun-17	Yes
US	2014-Apr-01	15/488,609			2019-Jan-08	10,174,916	2034-Apr-01	Yes
US	2014-Apr-01	14/242,396			2015-Jun-23	9,062,837	2034-Apr-01	Yes
US	2014-Apr-01	16/008,503	2015-Oct-01	2015-0276195	2020-Jun-16	10/684,003	2034-Apr-22	Yes
US	2014-Apr-01	16/170,769	2017-Jan-12	2017-0009965	2020-Jun-16	10/683,994	2034-Apr-01	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2014-Apr-02	14/782483	2016-Mar-10	US 2016073474	2017-Nov-07	9814123	2034-Jun-07	Yes
US	2014-May-12	14/274931			2017-May-23	9660547	2032-Jun-23	Yes
US	2014-Jun-02	62/006,479						Yes
US	2014-Jun-04	14/895183			2016-Nov-01	9485828	2034-Jun-04	Yes
US	2014-Jul-14	14/749,263			2016-Aug-02	9,404,628	2031-Apr-21	Yes
US	2014-Jul-14	15/620,104			2018-Nov-27	10,139,062	2032-Oct-12	Yes
US	2014-Jul-14	16/680,231			2021-Jul-13	US 11060677	2034-Jul-24	Yes
US	2014-Jul-14	17/372,193	2021-Nov-04	US-2021-0341113-A1				Yes
US	2014-Jul-14	16/200,237			2019-Nov-12	10,473,280	2032-Oct-12	Yes
US	2014-Jul-23	14/902750	2016-Jun-16	US 2016174308	2017-Aug-22	9743466	2034-Jul-23	Yes
US	2014-Aug-19	14/906404			2017-Feb-07	9565744	2034-Aug-19	Yes
US	2014-Aug-27	14/907994	2016-Jun-16	US 2016174329	2019-Jun-04	US 10314135	2034-Aug-27	Yes
US	2014-Oct-01	62/058138						Yes
US	2014-Oct-14	15/029722	2016-Aug-11	US 2016234902	2017-May-09	9648689	2034-Oct-14	Yes
US	2014-Oct-24	15/034562	2017-Jul-06	US-2017-0196053-A	2018-Feb-13	9894722	2034-Oct-24	Yes
US	2014-Oct-28	15/505,875	2017-Aug-24	US 20170245336	2018-Nov-13	10,129,943	2034-Oct-28	Yes
US	2014-Nov-12	15/038131	2016-Sep-29	US 2016286621	2018-Jun-26	10009975	2034-Nov-12	Yes
US	2014-Dec-23	14/785932	2016-Oct-27	US 2016312965	2019-Dec-03	10495269	2034-Dec-23	Yes
US	2015-Jan-14	14/596617	2015-Jun-18	US 2015173146	2019-Jul-16	US 10356857	2035-Aug-22	Yes
US	2015-Jan-23	14/604065		US 9433051	2016-Aug-30	9433051	2035-Jan-23	Yes
US	2015-Jan-27	15/118668	2017-Feb-16	US 2017048934	2017-Sep-26	9775200	2035-Jan-27	Yes
US	2015-Feb-03	15116519	2016-Dec-08	US 2016356473	2017-Oct-17	9791139	2035-Feb-03	Yes
US	2015-Feb-16	15/122248	2016-Dec-22	US 2016374179	2017-Sep-19	9769906	2035-Feb-16	Yes
US	2015-Feb-23	15117565	2016-Dec-15	US 2016366745	2019-Jun-25	US 10334686	2035-Feb-23	Yes
US	2015-Mar-13	15/124415	2017-Jan-19	US 2017016584	2019-Mar-12	US 10228097	2035-Mar-13	Yes
US	2015-Apr-01	14/676,449	2015-Jul-23	US 9426866	2016-Aug-23	9426866	2035-Apr-01	Yes
US	2015-Apr-29	16/259,977			2020-Jun-09	10/677,426	2035-Apr-29	Yes
US	2015-Apr-29	14/699,915			2017-Dec-05	9,835,314	2036-Jan-22	Yes
US	2015-Apr-29	15/820,126			2019-Jan-29	10,190,752	2035-Apr-29	Yes
US	2015-May-01	14/702,555			2017-Oct-31	9,803,836	2036-Jan-07	Yes
US	2015-May-28	14/724,339			2017-May-16	9,651,238	2035-May-28	Yes
US	2015-May-28	15/595,550			2018-Feb-13	9,890,943	2035-May-28	Yes
US	2015-Jun-01	16587281	2020-Jan-23	US-2020-0025362-A	2020-Oct-27	US10816184	2035-Jun-01	Yes
US	2015-Jun-01	15/323443	2017-May-18	2017-0138580 A1	2019-Oct-29	10458639	2035-Jun-01	Yes
US	2015-Jun-08	15/320067	2017-Jun-08	2017-0164438 A1	2019-Mar-05	US 10225898	2035-Jun-08	Yes
US	2015-Jun-11	14/736,996			2017-Aug-15	9,732,947	2033-Jan-22	Yes
US	2015-Jun-19	15/322218	2017-May-18	2017-0142811 A1	2018-May-22	9980353	2035-Jun-19	Yes
US	2015-Jun-24	15/322667	2017-May-18	2017-0141619 A1	2018-Nov-27	US10141792	2036-Jan-04	Yes
US	2015-Jul-16	15/327219	2017-May-25	2017-0146220 A1	2019-Jan-22	10184642	2035-Jul-16	Yes
US	2015-Jul-20	16/551,487			2020-Jan-28	10,544,924		Yes
US	2015-Aug-25	14/835045			2017-Aug-29	9746171	2030-May-21	Yes
US	2015-Sep-25	15/516923	2017-Oct-26	US-2017-0311425-A	2018-Sep-25	10085329	2035-Sep-25	Yes
US	2015-Sep-30	15/515590	2018-Dec-06	US20080347771A1	2019-Nov-19	10480733	2035-Dec-02	Yes
US	2015-Nov-03	15/522722	2017-Nov-02	US-2017-0318633-A	2019-Jan-01	10172211	2035-Nov-03	Yes
US	2015-Nov-23	14/948445	2016-Mar-17	US 2016077599	2019-Apr-23	US 10271408	2036-Apr-30	Yes
US	2016-Jan-04	14/987369	2016-Apr-28	US 2016116120	2019-Jun-25	US 10330297	2036-Jan-04	Yes
US	2016-Jan-04	16426659	2019-Sep-12	US-2019-0277483-A1				Yes
US	2016-Jan-04	16426794	2019-Sep-12	US-2019-0277484-A1				Yes
US	2016-Feb-19	62/297,424						Yes
US	2016-Apr-05	15/091322	2016-Jul-28	US 2016219665	2017-Nov-14	9820348	2036-Apr-05	Yes
US	2016-Apr-07	15/092966	2016-Oct-13	US 2016301247	2019-Nov-05	10468910	2037-Sep-25	Yes
US	2016-Apr-22	15/136367	2016-Oct-27	US 2016316536	2017-Nov-28	9832830	2036-Apr-22	Yes
US	2016-May-24	62/340,971						Yes
US	2016-Jul-27	62/367,507						Yes
US	2016-Aug-24	15246159	2017-Mar-02	US 2017059095	2021-Nov-16	US11175000	2036-Aug-24	Yes
US	2016-Aug-24	17501458						Yes
US	2016-Oct-21	15/299782	2017-Feb-09	US 2017038054	2019-Feb-26	US 10215393	2036-Oct-27	Yes
US	2016-Oct-21	16/260696	2019-May-23	US-2019-0154247-A	2020-May-26	US 10663158	2036-Oct-21	Yes
US	2016-Nov-22	15/778528	2018-Dec-13	US 20180359826A1	2019-Mar-12	US 10231297	2036-Nov-22	Yes
US	2017-Jan-06	15/399997	2017-Apr-27	2017-0118827-A1	2017-Dec-26	9854651	2037-Jan-06	Yes
US	2017-Feb-16	16/601,334			2020-Jul-28	10/726,794	2037-Feb-16	Yes
US	2017-Feb-16	15/696,808			2019-May-14	10,292,233	2037-Feb-16	Yes
US	2017-Feb-16	17/314,092	2021-Aug-26	US-2021-0262636-A1				Yes
US	2017-Feb-16	15/727,833			2018-Oct-30	10,117,300	2037-Feb-16	Yes
US	2017-Feb-16	16/840,982			2021-Aug-31	US 11105476	2037-Feb-16	Yes
US	2017-Feb-16	15/892,192			2018-Dec-25	10,163,405	2037-Feb-16	Yes
US	2017-Feb-16	16/412,215			2020-Mar-24	10,602,584	2037-Feb-16	Yes
US	2017-Feb-16	16/014,394			2019-May-21	10,299,336	2037-Feb-16	Yes
US	2017-Feb-16	15/685,358			2018-Feb-13	9,892,693	2037-Feb-16	Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement  
List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2017-Feb-16	16/108,741			2019-Dec-10	10,506,682	2037-Feb-16	Yes
US	2017-Feb-16	16/403,065			2020-Feb-25	10,575,380	2037-Feb-16	Yes
US	2017-Feb-16	16935554	2020-Nov-05	US-2020-0349896-A1				Yes
US	2017-Feb-16	15/435,141			2017-Nov-14	9,820,350	2037-Feb-16	Yes
US	2017-Feb-16	15/811,062			2019-May-21	10,299,335	2037-Feb-16	Yes
US	2017-Feb-16	16/195,452			2019-Oct-29	10,460,675	2037-Feb-16	Yes
US	2017-Feb-16	16/797,512			2021-Jan-26	US 10904970	2037-Feb-16	Yes
US	2017-Feb-16	16/821,381			2021-May-11	US 11002424	2037-Feb-16	Yes
US	2017-Feb-16	16/398,682			2020-Apr-07	10,616,969	2037-Feb-16	Yes
US	2017-Mar-29	16/105,288			2019-Jul-16	10,356,860	2037-Mar-29	Yes
US	2017-Mar-29	16/430,097			2020-Jul-21	US 10721803	2037-Mar-29	Yes
US	2017-Mar-29	15/472,873			2018-Aug-21	10,057,948	2037-Mar-29	Yes
US	2017-Mar-29	16926915	2020-Oct-29	US-2020-03448599-A1				Yes
US	2017-May-03	62/500,743						Yes
US	2017-Jul-27	15/661,930			2019-Jan-08	10,174,917	2037-Jul-27	Yes
US	2017-Jul-27	16/241,836			2020-Aug-04	10731829	2037-Jul-27	Yes
US	2017-Dec-09	16890788	2020-Sep-17	US-2020-0296811-A1				Yes
US	2017-Dec-09	16/708,016	2020-Apr-16	US 20200120775A1	2020-Jun-09	10/681,785	2037-Dec-09	Yes
US	2017-Dec-18	16/336139	2019-Oct-17	16336139	2020-Jun-02	US 10670194	2037-Dec-18	Yes
US	2018-Apr-27	16/574,518			2021-Jun-22	US 11041595	2038-Apr-27	Yes
US	2018-Apr-27	15/964,880			2019-Sep-24	10,422,494	2038-Apr-27	Yes
US	2018-May-23	15/987,362			2019-Dec-10	10,502,397	2038-Jun-03	Yes
US	2018-May-23	16/708,118			2020-Nov-17	10837625	2038-May-23	Yes
US	2019-Mar-01	16/290,414			2019-Dec-10	10,502,404	2039-Mar-01	Yes
US	2019-Mar-01	16/911627	2020-Oct-15	US 2020326062	2021-Aug-10	11,085,621	2039-Mar-01	Yes
US	2019-Mar-01	16/707,892			2020-Jul-21	10/718,501	2039-Mar-01	Yes
US		17/371423						Yes

LEGEND

CTY	Country Code as used by WIPO
App. No.	Number of the patent application at the respective patent office
Fil. Date	Filing Date
Pub. No.	Publication Number
Pub. Date	Publication Date
Grant No.	Grant Number
Grant Date	Grant Date
Expiry Date	Estimated Expiry Date*
Additional Patent	Rights marked "Yes" are Additional Patents under the Enabled Licensing Program

\* In case the estimated expiry date deviates from the actual expiry date, the latter prevails.

NOTES:

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