
PHILIPS
LED lamps
LED
Energy savings
that inspire
2020 Q4 Edition



Transforming **LED lighting**

The world-wide transformation to energy-efficient LED technologies continues at a rapid pace. Philips remains on the cutting edge with exciting, meaningful LED solutions that can help transform your environment and reinforce brand identity, while reducing lighting-related energy costs and minimizing environmental impact.

Our lighting expertise

As the world's largest lighting company, and a trusted lighting brand for over 125 years, we listen and respond to our customers; and focus our research investments into building meaningful LED innovations that can help to save money, beautify spaces and inspire action. Our expertise extends throughout the entire LED process thus ensuring efficient and reliable performance.

Inherent product quality

By employing the latest advances in optics, electrical LED packages, lamp shape and heat management methods, we can produce high-quality, long-lasting LED solutions for you. Additionally, all our products are subject to rigorous internal production standards as well as third-party testing and certification. In this manner, we can provide you with high-quality and consistently-performing products that meet or exceed the latest environmental, safety and regulatory standards and codes, and allow you to make confident, informed decisions.

Creating value for you

As a simple, convenient replacement of other lighting technologies, our LED retrofit lamps are installed quickly and without complexity so you can immediately enjoy a beautifully lit space in a sustainable manner. Energy, maintenance and relamping savings add up to quick payback times, and in the long term, reduce your total cost of ownership. With Philips LED solutions, your future is brighter than ever.

The right light

Philips **MasterClass** and **CorePro** product families

Philips MasterClass and CorePro tiers are designed to help professional lighting customers more quickly and easily identify the right product to fit any project or budget. For projects that require the quality, efficiency and value of Philips LED, the portfolio is organized into two categories: MasterClass and CorePro.





Philips MasterClass

For every project where exceptional, high-quality lighting is required. The MasterClass line of LEDs meets or exceeds applicable industry energy efficiency requirements, featuring improved lifespan over traditional incandescent bulbs and warranties with broad product ranges.

MasterClass can provide the following:

- Up to 80% energy savings[1]
- Expanded product breadth, including additional beam angles and shapes, when compared to incandescent bulbs
- Lifetime of up to 70,000 hours and up to 7-year limited warranty[2]
- High color rendering index (CRI) 90+
- Superior polycarbonate material

Philips CorePro

For every job requiring efficiency, value and uncompromising quality, these LED lamps are perfect for basic lighting needs across a wide range of applications. The CorePro line of LEDs meet industry efficiency standards and minimize maintenance costs for quick payback.

CorePro can provide the following:

- Up to 80% energy savings[1]
- More choices with our expanded portfolio
- Lower maintenance costs[1]
- Lifetime of 15,000+ hours[3]
- Color rendering index (CRI) 80+

1. When compared to traditional incandescent bulbs.
2. Visit www.signify.com/warranties for details.
3. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

Contents



4 LED **tubes**

InstantFit T8 (Type A/C) **6**
MainsFit T8 (Type B) **8**
FlexFit (Type A/B) **9**
InstantFit T5 HE (Type A) **10**
InstantFit T5 HO (Type B) **10**
UniversalFit T8 (Type A) **11**
MasterConnect T8 **12**
Smart accessories **13**



14 PLED **lamps**

CorePro PLED **15**
MasterClass PLED **17**



16 LED **spots**

MasterClass PAR **17**
MasterClass MR16 **20**
MasterClass AR111 **21**
CorePro PAR **22**
CorePro GU10 & MR16 **23**



24 LED **bulbs**

MasterClass A-shape **24**
CorePro A-shape **26**
MasterClass R20, BR30 & BR40 **28**
CorePro R20, BR30 & BR40 **29**



30 LED **candles & deco**

MasterClass A15 & G16.5 **32**
CorePro A15 & G16.5 **33**
MasterClass candles **34**
CorePro candles **35**
MasterClass globes **36**
CorePro globes **37**
MasterClass decorative **38**
MasterClass UFO **39**
MasterClass specialty **42**



42 HID **replacements**

MasterClass street and area **43**
MasterClass high bays **44**
CorePro high bays **45**
MasterClass Corn Cobs **46**
CorePro Corn Cobs **47**
CorePro Wall Packs **48**



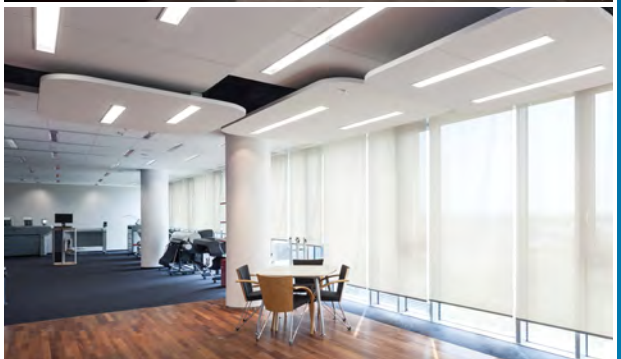












Energy savings **that inspire**

LED tubes

Philip InstantFit lamps provide hassle-free installation with simple lamp-for-lamp replacements and have best-in-class performance with the widest range of ballast compatibility on the market. Our InstantFit LED lamps deliver what we promise, with at least 40% energy savings1, flicker-free performance, and the life you expect with over 15,000 lamp/ballast combinations. Looking for a Type C system? Our InstantFit Type A lamps can be paired with our dedicated TLED drivers to create Type C TLED systems.



Visit **philips.com/instantfit** for the latest LED lamp compatibility chart

MasterClass LED linear

MasterClass offers ultra-efficiency in the widest variety of lamp types to replace fluorescent lamp types for every application. Many lamps have an extended lifetime, backed by a limited warranty[3] of up to 7 years, providing savings, quality and performance that you can count on.

CorePro LED linear

CorePro LED tubes offer a more affordable solution with a 50,000-hour lifetime and a 5-year limited warranty.[2] The glass housing fits most applications. CorePro LED tubes offer a simple retrofit replacement and low energy consumption with instant savings. They are perfect for standard applications that demand a quality, cost effective solution.

1. Savings based on comparison to F32T8 electronic instant start systems.
2. Visit www.signify.com/warranties for details.






1 Llíria/Bétera
1 Llíria/Bétera
1 Llíria/Bétera
5 Ayora
1 Llíria/Bétera

InstantFit LED T8 (Type A/C)





Ordering, electrical and technical data (Subject to change without notice)

G13

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
MasterClass InstantFit - T8 2FT													
541813	9290019869A	7T8/MAS/24-830/IF10/P/DIM 10/1	7	G13	82	3000	70,000	1050	Plastic	A, C	P604TTJI	10	2380
541821	9290019870A	7T8/MAS/24-835/IF10/P/DIM 10/1	7	G13	82	3500	70,000	1050	Plastic	A, C	PTFG2KIH	10	2380
541839	9290019871A	7T8/MAS/24-840/IF11/P/DIM 10/1	7	G13	82	4000	70,000	1150	Plastic	A, C	PNFV1220	10	2380
541847	9290019872A	7T8/MAS/24-850/IF11/P/DIM 10/1	7	G13	82	5000	70,000	1150	Plastic	A, C	PSUTWB5O	10	2380
MasterClass InstantFit - T8 3FT													
539858	9290019675A	8.5T8/MAS/36-830/IF13/P/DIM 10/1	8.5	G13	82	3000	70,000	1300	Plastic	A, C	PT8ANY27	10	1530
539866	9290019679A	8.5T8/MAS/36-835/IF13/P/DIM 10/1	8.5	G13	82	3500	70,000	1300	Plastic	A, C	P3WOXMJG	10	1530
539874	9290019676A	8.5T8/MAS/36-840/IF14/P/DIM 10/1	8.5	G13	82	4000	70,000	1300	Plastic	A, C	PNZ6ODAV	10	1530
539882	9290019677A	8.5T8/MAS/36-850/IF14/P/DIM 10/1	8.5	G13	82	5000	70,000	1400	Plastic	A, C	PUDMU6QC	10	1530
MasterClass InstantFit - T8 4FT													
469569	9290011239C	10T8/48-3000 IF 10/1 TAA/NAFTA	10	G13	82	3000	50,000	1500	Plastic	A, C	PE1J4CJW	10	600
469577	9290011240C	10T8/48-3500 IF 10/1 TAA/NAFTA	10	G13	82	3500	50,000	1500	Plastic	A, C	PCY5A5J7	10	600
469585	9290011241C	10T8/48-4000 IF 10/1 TAA/NAFTA	10	G13	82	4000	50,000	1600	Plastic	A, C	PES681F4	10	600
469593	9290011242C	10T8/48-5000 IF 10/1 TAA/NAFTA	10	G13	82	5000	50,000	1600	Plastic	A, C	P1CQAFXR	10	600
473974	9290020158A	9.5T8/MAS/48-830/IF15/P/DIM 10/1	9.5	G13	82	3000	70,000	1500	Plastic	A, C	Not DLC	10	1190
473982	9290020159A	9.5T8/MAS/48-835/IF15/P/DIM 10/1	9.5	G13	82	3500	70,000	1500	Plastic	A, C	PMW2ALYU	10	1190
473990	9290020160A	9.5T8/MAS/48-840/IF16/P/DIM 10/1	9.5	G13	82	4000	70,000	1600	Plastic	A, C	PFZXHWLZ	10	1190
474007	9290020161A	9.5T8/MAS/48-850/IF16/P/DIM 10/1	9.5	G13	82	5000	70,000	1600	Plastic	A, C	PH285W4L	10	1190
CorePro InstantFit - T8 4FT													
553214	9290022527A	10T8/COR/48-830/IF15/G/DIM 10/1	10	G13	80	3000	50,000	1500	Glass	A, C	PQF8SUD6	10	600
553222	9290022528A	10T8/COR/48-835/IF15/G/DIM 10/1	10	G13	80	3500	50,000	1500	Glass	A, C	PVEGD8IP	10	600
553230	9290019917A	10T8/COR/48-840/IF16/G/DIM 10/1	10	G13	80	4000	50,000	1600	Glass	A, C	PMMN0O6E	10	600
553248	9290019918A	10T8/COR/48-850/IF16/G/DIM 10/1	10	G13	80	5000	50,000	1600	Glass	A, C	P6YC6AM6	10	600
CorePro - T8 4FT													
542084	9290019606	16T8/LED/48-840/IF18/G 25/1	16	G13	82	4000	36,000	1800	Glass	A	Not DLC	25	900
542092	9290019607	16T8/LED/48-850/IF18/G 25/1	16	G13	82	5000	36,000	1800	Glass	A	Not DLC	25	900
MasterClass InstantFit - T8 4FT													
468652	9290013033	14T8/48-3000 IF 10/1 ROT	14	G13	82	3000	50,000	2000	Plastic	A, C	P1Z3VUZP	10	1120
468660	9290013034	14T8/48-3500 IF 10/1 ROT	14	G13	82	3500	50,000	2000	Plastic	A, C	PMRXKRUT	10	1120
468678	9290013035	14T8/48-4000 IF 10/1 ROT	14	G13	82	4000	50,000	2100	Plastic	A, C	P2R73QWZ	10	1120
468686	9290013036	14T8/48-5000 IF 10/1 ROT	14	G13	82	5000	50,000	2100	Plastic	A, C	PQ2TMYAQ	10	1120
469601	9290011585C	14T8/48-3000 IF 10/1 DIM TAA/NAFTA	14	G13	82	3000	50,000	2100	Plastic	A, C	P1GG4T6Q	10	600
469619	9290011586C	14T8/48-3500 IF 10/1 DIM TAA/NAFTA	14	G13	82	3500	50,000	2100	Plastic	A, C	P5R4PGPD	10	600
469627	9290011587C	14T8/48-4000 IF 10/1 DIM TAA/NAFTA	14	G13	82	4000	50,000	2100	Plastic	A, C	PFWPMJNV	10	600
469635	9290011588C	14T8/48-5000 IF 10/1 DIM TAA/NAFTA	14	G13	82	5000	50,000	2100	Plastic	A, C	P9RG41WJ	10	600
473926	9290013976B	13T8/MAS/48-830/IF20/P/DIM 10/1	13	G13	82	3000	70,000	2000	Plastic	A, C	P4N0XYLX	10	1190
473934	9290013977B	13T8/MAS/48-835/IF20/P/DIM 10/1	13	G13	82	3500	70,000	2000	Plastic	A, C	PNKEQNTE	10	1190
473942	9290013978B	13T8/MAS/48-840/IF21/P/DIM 10/1	13	G13	82	4000	70,000	2100	Plastic	A, C	PPS0M8AQ	10	1190
473958	9290013979B	13T8/MAS/48-850/IF21/P/DIM 10/1	13	G13	82	5000	70,000	2100	Plastic	A, C	PY4PF7KV	10	1190

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

= End-cap rotates = Product made under guidelines set out in the Trade Agreements Act







Ordering, electrical and technical data (Subject to change without notice)

G13 FA8

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro InstantFit - T8 4FT													
470096	9290013430B	14T8/PRO/48-830/IF20/G/DIM 10/1	14	G13	82	3000	50,000	2000	Glass	A, C	PUHWMP7I	10	650
470104	9290013431B	14T8/PRO/48-835/IF20/G/DIM 10/1	14	G13	82	3500	50,000	2000	Glass	A, C	PD9P382I	10	650
470112	9290013432B	14T8/PRO/48-840/IF21/G/DIM 10/1	14	G13	82	4000	50,000	2100	Glass	A, C	PK33B4AL	10	650
470120	9290013433B	14T8/PRO/48-850/IF21/G/DIM 10/1	14	G13	82	5000	50,000	2100	Glass	A, C	PEQWC6CZ	10	650
MasterClass InstantFit - T8 4FT													
533372	9002016304A	15.5T8/MAS/48-835/IF24/P/DIM 25/1	15.5	G13	82	3500	70,000	2400	Plastic	A, C	P51ZCP75	25	1400
545194	9002016404A	15.5T8/MAS/48-840/IF25/P/DIM 25/1	15.5	G13	82	4000	70,000	2500	Plastic	A, C	PCYKVJSI	25	1400
545200	9002016504A	15.5T8/MAS/48-850/IF25/P/DIM 25/1	15.5	G13	82	5000	70,000	2500	Plastic	A, C	P0HK0Y9Y	25	1400
MasterClass InstantFit - T8 8FT													
469247	9290013078	35T8/96-3500 IF FA8 10/1	35	FA8	82	3500	50,000	4000	Plastic	A	Not DLC	10	300
469254	9290013146	35T8/96-4000 IF FA8 10/1	35	FA8	82	4000	50,000	4200	Plastic	A	Not DLC	10	300
CorePro InstantFit - T8 8FT													
533000	9290018971	30T8/PER/96-830/IF42/P/FA8 10/1	30	FA8	80	3000	50,000	4200	Glass	A, C	PV5I8TZI	10	400
533018	9290018972	30T8/PER/96-835/IF42/P/FA8 10/1	30	FA8	80	3500	50,000	4200	Glass	A, C	PZKP0TXO	10	400
533026	9290018973	30T8/PER/96-840/IF42/P/FA8 10/1	30	FA8	80	4000	50,000	4200	Glass	A, C	P73Q3PKC	10	400
533034	9290018974	30T8/PER/96-850/IF42/P/FA8 10/1	30	FA8	80	5000	50,000	4200	Glass	A, C	PRG5ZZ3R	10	400
MasterClass InstantFit - U-Bend													
541854	9290019874A	13T8-6U/MAS/24-830/IF20/P/DIM 10/1	13	G13	82	3000	70,000	2000	Plastic	A, C	P67SZONC	10	400
541862	9290019875A	13T8-6U/MAS/24-835/IF20/P/DIM 10/1	13	G13	82	3500	70,000	2000	Plastic	A, C	PQ9KE4CE	10	400
541870	9290019876A	13T8-6U/MAS/24-840/IF21/P/DIM 10/1	13	G13	82	4000	70,000	2100	Plastic	A, C	PZX062O5	10	400
541888	9290019877A	13T8-6U/MAS/24-850/IF21/P/DIM 10/1	13	G13	82	5000	70,000	2100	Plastic	A, C	PA88I3S4	10	400

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



MainsFit LED T8 (Type B)

Philips MainsFit (UL Type-B) LED T8 lamps use a double-ended design which significantly simplifies installation, saving time and costs over single-ended versions.
This ballast bypass product replaces T5, T8 or T12 lamps in fixtures containing shunted or non-shunted (UL Type B) lamp holders for over 40% energy savings.



Ordering, electrical and technical data (Subject to change without notice)

G13 FA8 R17d

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[2] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[4]	Case Qty	Pallet Qty
	MasterClass (Plastic) MainsFit - T8 4FT														
NEW!	557355	9290023251	10.5T8/MAS/48-835/MF16/P 10/1	120-277	10.5	G13	82	3500	70,000	1650	Plastic	B	P7ADB1B8	10	900
NEW!	557363	9290023252	10.5T8/MAS/48-840/MF16/P 10/1	120-277	10.5	G13	82	4000	70,000	1650	Plastic	B	PAWQXZLG	10	900
NEW!	557371	9290023253	10.5T8/MAS/48-850/MF16/P 10/1	120-277	10.5	G13	82	5000	70,000	1650	Plastic	B	PNSQUHUR	10	900
NEW!	557389	9290023254	14.5T8/MAS/48-830/MF20/P 10/1	120-277	14.5	G13	82	3000	70,000	2000	Plastic	B	PKC3F284	10	900
NEW!	557397	9290023255	14.5T8/MAS/48-835/MF20/P 10/1	120-277	14.5	G13	82	3500	70,000	2000	Plastic	B	PVMNRRGB	10	900
NEW!	557405	9290023256	14.5T8/MAS/48-840/MF21/P 10/1	120-277	14.5	G13	82	4000	70,000	2100	Plastic	B	PHHILPJB	10	900
NEW!	557413	9290023257	14.5T8/MAS/48-850/MF21/P 10/1	120-277	14.5	G13	82	5000	70,000	2100	Plastic	B	P7NU9OQ8	10	900
NEW!	561720	9290024424	16.9T8/MAS/48-835/MF25/P 10/1	120-277	16.9	G13	82	3500	70000	2500	Plastic	B	PCEVR8V0	10	900
NEW!	561712	9290024395	16.9T8/MAS/48-840/MF25/P 10/1	120-277	16.9	G13	82	4000	70000	2500	Plastic	B	PCQY4G1R	10	900
NEW!	561738	9290024425	16.9T8/MAS/48-850/MF25/P 10/1	120-277	16.9	G13	82	5000	70000	2500	Plastic	B	PF18Z6UF	10	900
	CorePro MainsFit - T8 2FT														
	535450	9290019338	8.5T8PRO/24-830/BB11/G 10/1 FB	120-277	8.5	G13	82	3000	50,000	1100	Glass	B	PSB5JDM7	10	900
	535468	9290019339	8.5T8PRO/24-835/BB11/G 10/1 FB	120-277	8.5	G13	82	3500	50,000	1100	Glass	B	PKG7DURA	10	900
	535476	9290019340	8.5T8PRO/24-840/BB11/G 10/1 FB	120-277	8.5	G13	82	4000	50,000	1150	Glass	B	PRGU80IY	10	900
	535484	9290019341	8.5T8PRO/24-850/BB11/G 10/1 FB	120-277	8.5	G13	82	5000	50,000	1150	Glass	B	PEQHT1DN	10	900
	CorePro MainsFit - T8 3FT														
	535492	9290019342	11.5T8PRO/36-830/BB13/G 10/1 FB	120-277	11.5	G13	82	3000	50,000	1300	Glass	B	PEKX8MHK	10	540
	535500	9290019343	11.5T8PRO/36-835/BB13/G 10/1 FB	120-277	11.5	G13	82	3500	50,000	1300	Glass	B	P51PGWYW	10	540
	535518	9290019344	11.5T8PRO/36-840/BB14/G 10/1 FB	120-277	11.5	G13	82	4000	50,000	1400	Glass	B	PDESZ0HQ	10	540
	535526	9290019345	11.5T8PRO/36-850/BB14/G 10/1 FB	120-277	11.5	G13	82	5000	50,000	1400	Glass	B	P6A2TN9L	10	540
	CorePro MainsFit - T8 4FT														
NEW!	471748	9290023948	15T8/COR/48-830/MF20/G 10/1	120-277	15.0	G13	80	3000	50000	2000	Glass	B	P1U561WN	10	650
NEW!	471755	9290023949	15T8/COR/48-835/MF20/G 10/1	120-277	15.0	G13	80	3500	50000	2000	Glass	B	PNKCHHNE	10	650
NEW!	471763	9290023950	15T8/COR/48-840/MF21/G 10/1	120-277	15.0	G13	80	4000	50000	2100	Glass	B	PQVJXWZS	10	650
NEW!	471771	9290023951	15T8/COR/48-850/MF21/G 10/1	120-277	15.0	G13	80	5000	50000	2100	Glass	B	PELH1ON7	10	650
NEW!	477315	9290023944	12.5T8/COR/48-830/MF17/G 10/1	120-277	12.5	G13	80	3000	50000	1700	Glass	B	PK9WBRJY	10	650
NEW!	477323	9290023945	12.5T8/COR/48-835/MF17/G 10/1	120-277	12.5	G13	80	3500	50000	1700	Glass	B	PGUWLHPQ	10	650
NEW!	477331	9290023946	12.5T8/COR/48-840/MF18/G 10/1	120-277	12.5	G13	80	4000	50000	1800	Glass	B	PHTWEL3Z	10	650
NEW!	477349	9290023947	12.5T8/COR/48-850/MF18/G 10/1	120-277	12.5	G13	80	5000	50000	1800	Glass	B	PQHGJFDD	10	650
	557421	9290023259	9.9T8/COR/48-835/MF16/G 10/1	120-277	10	G13	80	3500	50000	1650	Glass	B	P87LFQLH	10	780
	557439	9290023260	9.9T8/COR/48-840/MF16/G 10/1	120-277	10	G13	80	4000	50000	1650	Glass	B	PVODK2CO	10	780
	557447	9290023261	9.9T8/COR/48-850/MF16/G 10/1	120-277	10	G13	80	5000	50000	1650	Glass	B	P6QUAM20	10	780
	CorePro MainsFit - T8 8FT														
	545269	9290020140	34T8/COR/96-840/MF42/G/FA8 10/1	120-277	34	FA8	82	4000	50,000	4200	Glass	B	P2RHO524	10	450
	545277	9290020141	34T8/COR/96-850/MF42/G/FA8 10/1	120-277	34	FA8	82	5000	50,000	4200	Glass	B	PE2GMBO6	10	450
	545285	9290020142	44T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	44	R17d	82	4000	50,000	5400	Glass	B	No Category	10	450
	545293	9290020143	44T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	44	R17d	82	5000	50,000	5400	Glass	B	No Category	10	450
	CorePro MainsFit - T8 UBEND														
	535534	9290019346	15.5T8-6U PRO/24-830/BB20/G 10/1 FB	120-277	15.5	G13	82	3000	50,000	2000	Glass	B	PAL67OJK	10	250
	535542	9290019347	15.5T8-6U PRO/24-835/BB20/G 10/1 FB	120-277	15.5	G13	82	3500	50,000	2000	Glass	B	PVKJRY18	10	250
	535559	9290019348	15.5T8-6U PRO/24-840/BB21/G 10/1 FB	120-277	15.5	G13	82	4000	50,000	2100	Glass	B	PUAR19X3	10	250
	535567	9290019349	15.5T8-6U PRO/24-850/BB21/G 10/1 FB	120-277	15.5	G13	82	5000	50,000	2100	Glass	B	PMKCEPRN	10	250

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

CorePro FlexFit LED T8 (Type A/B)



Ordering, electrical and technical data (Subject to change without notice)

G13

	Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
	CorePro FlexFit - T8 (Type A & B)													
NEW!	560193	9290024022	12.5T8/COR/48-835/FF18/G 25/1	12.5	G13	80	3500	50000	1800	Glass	A+B	PNPPUDXB	10	400
NEW!	600189	9290023173	12.5T8/COR/48-840/FF18/G/25/1	12.5	G13	80	4000	50000	1825	Glass	A+B	PD745LMC	10	400
NEW!	600197	9290023174	12.5T8/COR/48-850/FF18/G/25/1	12.5	G13	80	5000	50000	1825	Glass	A+B	PMAB652F	10	400

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



Ordering, electrical and technical data (Subject to change without notice)

G5

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
MasterClass InstantFit - T5 4FT													
467126	9290012837	24T5 LED/HO/46-3000 IF 10/1	24	G5	82	3000	50,000	3300	Plastic	A	PD9ZB669	10	2000
467134	9290012838	24T5 LED/HO/46-3500 IF 10/1	24	G5	82	3500	50,000	3300	Plastic	A	PR7H998W	10	2000
467142	9290012839	24T5 LED/HO/46-4000 IF 10/1	24	G5	82	4000	50,000	3500	Plastic	A	PUFNVUMP	10	2000
467159	9290012840	24T5 LED/HO/46-5000 IF 10/1	24	G5	82	5000	50,000	3500	Plastic	A	PJHYX3QV	10	2000

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



CorePro InstantFit LED T5 (Type A)



Ordering, electrical and technical data (Subject to change without notice)

G5

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro InstantFit - T5 2FT													
476416	9290018231	8T5HE/22-830/IF10/G/DIM 10/1	8	G5	82	3000	50,000	1000	Glass	A	No Category	10	1560
476424	9290018232	8T5HE/22-835/IF10/G/DIM 10/1	8	G5	82	3500	50,000	1000	Glass	A	No Category	10	1560
476432	9290018233	8T5HE/22-840/IF10/G/DIM 10/1	8	G5	82	4000	50,000	1050	Glass	A	No Category	10	1560
476440	9290018234	8T5HE/22-850/IF10/G/DIM 10/1	8	G5	82	5000	50,000	1050	Glass	A	No Category	10	1560
CorePro InstantFit - T5 3FT													
476457	9290018235	11T5HE/34-830/IF14/G/DIM 10/1	11	G5	82	3000	50,000	1400	Glass	A	No Category	10	910
476465	9290018236	11T5HE/34-835/IF14/G/DIM 10/1	11	G5	82	3500	50,000	1400	Glass	A	No Category	10	910
476473	9290018237	11T5HE/34-840/IF15/G/DIM 10/1	11	G5	82	4000	50,000	1500	Glass	A	No Category	10	910
476481	9290018238	11T5HE/34-850/IF15/G/DIM 10/1	11	G5	82	5000	50,000	1500	Glass	A	No Category	10	910
CorePro InstantFit - T5 4FT													
476499	9290018239	14T5HE/46-830/IF20/G/DIM 10/1	14	G5	82	3000	50,000	2000	Glass	A	PI0H91X1	10	780
476507	9290018240	14T5HE/46-835/IF20/G/DIM 10/1	14	G5	82	3500	50,000	2000	Glass	A	PX50DKZF	10	780
476515	9290018241	14T5HE/46-840/IF21/G/DIM 10/1	14	G5	82	4000	50,000	2100	Glass	A	P2RN9SKT	10	780
476523	9290018242	14T5HE/46-850/IF21/G/DIM 10/1	14	G5	82	5000	50,000	2100	Glass	A	PLAEVGFO	10	780

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

CorePro MainsFit LED T5HO (Type B)



Ordering, electrical and technical data (Subject to change without notice)

G5

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro MainsFit - T5 HO 4FT														
542050	9290019925	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	G5	82	3500	50,000	3300	Glass	B	P9GYNK8G	25	1200
542068	9290019926	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	G5	82	4000	50,000	3500	Glass	B	PBQ7UFSX	25	1200
542076	9290019927	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	G5	82	5000	50,000	3500	Glass	B	PHK6IM4L	25	1200

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

CorePro UniversalFit T8 (Type A)

Philips UniversalFit TLEDs operate on both magnetic and electronic ballasts.
Our unique and innovative design has been engineered to deliver the same energy savings, lifetime and performance as our popular InstantFit TLEDs while operating per the latest UL 1993 standard on either a magnetic or Instant-start (electronic) ballast. Innovation designed to make your life easier.

- Long LED lifetime: 36,000-hour rated life[2]
- UL Type A – works on both magentic and electronic ballasts
- No mercury allowing for non-hazardous waste disposal
- Minimal color shift and stable flux output throughout lifetime
- No harmful UV radiation
- Energy savings of up to 60%[3]
- SImple plug-and-play installation – No need to change a ballast

CorePro UniversalFit T8



Ordering, electrical and technical data (Subject to change without notice)

G13

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro 4-pin PL-C - Type A (ballast compatible)													
539972	9290019659	16T8/LED/48-840/UF18/G 10/1	16	G13	82	4000	36,000	1800	Glass	A	Not DLC	10	650
539980	9290019660	16T8/LED/48-850/UF18/G 10/1	16	G13	82	5000	36,000	1800	Glass	A	Not DLC	10	650

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.
3. Savings based on comparison to F32T8 electronic instant start system.



MasterConnect LED linear

Philips MasterConnect InstantFit T8 lamps bring truly wireless technology to LED lamps.
These lamp work with Signify's Interact Pro system (www.interact-lighting.com) and together with a gateway and optional switches and sensors seamlessly bring lighting into the Internet-of-Things (IoT) age. The MasterConnect InstantFit T8 lamps are one of a plethora of light sources that can connect to the Interact Pro system, making it most versatile, wireless system in the world.

MasterConnect InstantFit T8



interact ready.

Ordering, electrical and technical data (Subject to change without notice)

G13

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
MasterConnect InstantFit - T8 2FT													
537217	9290013980	15T8/24-830/IF20-6U/MAScon IA 10/1	15	G13	82	3000	50,000	2000	Plastic	A	PXVYFKJS	10	400
537225	9290013981	15T8/24-835/IF20-6U/MAScon IA 10/1	15	G13	82	3500	50,000	2000	Plastic	A	P20SCHT6	10	400
537233	9290013982	15T8/24-840/IF21-6U/MAScon IA 10/1	15	G13	82	4000	50,000	2100	Plastic	A	PUUHHK3D	10	400
537241	9290013983	15T8/24-850/IF21-6U/MAScon IA 10/1	15	G13	82	5000	50,000	2100	Plastic	A	PX12GNDC	10	400
MasterConnect InstantFit - T8 4FT													
537175	9290012811	14T8/48-830/IF20/MAScon IA 10/1	14	G13	82	3000	50,000	2000	Plastic	A	P2A4MPHB	10	1120
537183	9290012812	14T8/48-835/IF20/MAScon IA 10/1	14	G13	82	3500	50,000	2000	Plastic	A	PK1M1F71	10	1120
537191	9290012813	14T8/48-840/IF21/MAScon IA 10/1	14	G13	82	4000	50,000	2100	Plastic	A	PHZWCRZQ	10	1120
537209	9290012814	14T8/48-850/IF21/MAScon IA 10/1	14	G13	82	5000	50,000	2100	Plastic	A	PNSZ3HS6	10	1120
MasterConnect InstantFit - T8 UBEND													
537217	9290013980	15T8/24-830/IF20-6U/MAScon IA 10/1	15	G13	82	3000	50,000	2000	Plastic	A	PXVYFKJS	10	400
537225	9290013981	15T8/24-835/IF20-6U/MAScon IA 10/1	15	G13	82	3500	50,000	2000	Plastic	A	P20SCHT6	10	400
537233	9290013982	15T8/24-840/IF21-6U/MAScon IA 10/1	15	G13	82	4000	50,000	2100	Plastic	A	PUUHHK3D	10	400
537241	9290013983	15T8/24-850/IF21-6U/MAScon IA 10/1	15	G13	82	5000	50,000	2100	Plastic	A	PX12GNDC	10	400

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



Smart accessories

All smart accessories work with the Interact Pro system.
Visit www.interact-lighting.com for details.



A



B



C



D

Ordering, electrical and technical data (Subject to change without notice)

interact

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty	Legend
CorePro 4-pin PL-C - Type A (ballast compatible)														
455436	9137003644	UID8451/10 - On/Off/Dim Switch 2 button	0	N/A	N/A	N/A	N/A	N/A	Plastic	N/A	N/A	10	TBC	A
476184	9290018190	Wireless Occupancy Sensor IA 10/1	0	N/A	N/A	N/A	N/A	N/A	Plastic	N/A	N/A	10	2600	B
476192	9290018191	Wireless Multi Sensor IA 10/1	0	N/A	N/A	N/A	N/A	N/A	Plastic	N/A	N/A	10	2600	C
476333	9137010377	LCN1840/05 - Gateway NA	0	N/A	N/A	N/A	N/A	N/A	Plastic	N/A	N/A	10	TBC	D

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



PLED lamps

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With both vertical and horizontal options and a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps. The horizontal version includes a rotatable end cap to ensure the light is correctly aimed.



Visit **philips.com/ledlamps** for the latest LED lamp data and literature

CorePro PLED

Downlighting in general areas represents a major lighting cost for many buildings.
CorePro pinned-based lamps are retrofit LED lamps that deliver incredible energy savings over a 50,000 hour lifetime and requires less maintenance and servicing. You can easily upgrade your existing fixtures and lower your downlighting costs with energy efficient LED lamps.

- Long LED lifetime: 50,000 hour rated life[1]
- Made of shatter-resistant plastic instead of glass
- No mercury allowing for non-hazardous waste disposal
- Minimal color shift and stable flux output throughout lifetime
- Instant on
- No harmful UV radiation
- Energy savings of up to 60%[3]
- Simple lamp-for-lamp replacement

CorePro 2-pin PL-C & PL-S



Ordering, electrical and technical data (Subject to change without notice)

GX23

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro 2-pin PL-C - Type A (ballast compatible)													
532333	9290018847	5PL-C/LED/13H/835/IF5/P/2P 20/1	5	GX23	82	3500	50,000	580	Plastic	A	No Category	20	4760
532341	9290018848	5PL-C/LED/13H/840/IF5/P/2P 20/1	5	GX23	82	4000	50,000	580	Plastic	A	No Category	20	4760
532374	9290018851	5PL-C/LED/13V/835/IF5/P/2P 20/1	5	GX23	82	3500	50,000	580	Plastic	A	No Category	20	3600
532382	9290018852	5PL-C/LED/13V/840/IF5/P/2P 20/1	5	GX23	82	4000	50,000	580	Plastic	A	No Category	20	3600
CorePro 2-pin PL-S - Type A (ballast compatible)													
529511	9290018628	5PL-S/LED/13H/827/IF5/P/2P 20/1	5	GX23	82	2700	50,000	580	Plastic	A	No Category	20	7920
529560	9290018629	5PL-S/LED/13H/830/IF5/P/2P 20/1	5	GX23	82	3000	50,000	580	Plastic	A	No Category	20	7920
529578	9290018630	5PL-S/LED/13H/835/IF5/P/2P 20/1	5	GX23	82	3500	50,000	580	Plastic	A	No Category	20	7920
529586	9290018631	5PL-S/LED/13H/840/IF5/P/2P 20/1	5	GX23	82	4000	50,000	580	Plastic	A	No Category	20	7920

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.
3. Savings based on comparison to F32T8 electronic instant start system.

CorePro PLED

CorePro 4-pin PL-C & PL-C/T



Ordering, electrical and technical data (Subject to change without notice)

G24

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
CorePro 4-pin PL-C - Type A (ballast compatible)													
532408	9290018854	5.5PL-C/LED/13H/830/IF5.5/P/4P 20/1	5.5	G24q	82	3000	50,000	550	Plastic	A	No Category	20	4760
532416	9290018855	5.5PL-C/LED/13H/835/IF5.5/P/4P 20/1	5.5	G24q	82	3500	50,000	580	Plastic	A	No Category	20	4760
532424	9290018856	5.5PL-C/LED/13H/840/IF5.5/P/4P 20/1	5.5	G24q	82	4000	50,000	580	Plastic	A	No Category	20	4760
532432	9290018857	5.5PL-C/LED/13V/827/IF5.5/P/4P 20/1	5.5	G24q	82	2700	50,000	550	Plastic	A	No Category	20	3600
532457	9290018859	5.5PL-C/LED/13V/835/IF5.5/P/4P 20/1	5.5	G24q	82	3500	50,000	580	Plastic	A	No Category	20	3600
532465	9290018860	5.5PL-C/LED/13V/840/IF5.5/P/4P 20/1	5.5	G24q	82	4000	50,000	580	Plastic	A	No Category	20	3600
CorePro 4-pin PL-C/T - Type A (ballast compatible)													
458364	9290013880	8.5PL-C/T LED/26H-2700 IF 4P 10/1	8.5	G24q	82	2700	50,000	900	Plastic	A	P227UKPG	10	4140
458372	9290013881	8.5PL-C/T LED/26H-3000 IF 4P 10/1	8.5	G24q	82	3000	50,000	900	Plastic	A	PYHS75V7	10	4140
458380	9290013882	8.5PL-C/T LED/26H-3500 IF 4P 10/1	8.5	G24q	82	3500	50,000	900	Plastic	A	P1956NU5	10	4140
458398	9290013883	8.5PL-C/T LED/26H-4000 IF 4P 10/1	8.5	G24q	82	4000	50,000	950	Plastic	A	PUK7J4AA	10	4140
458406	9290011811	10.5PL-C/T LED/26V-2700 IF 4P 10/1	10.5	G24q	82	2700	50,000	1200	Plastic	A	PW2GPMX6	10	2960
458414	9290011812	10.5PL-C/T LED/26V-3000 IF 4P 10/1	10.5	G24q	82	3000	50,000	1200	Plastic	A	PGPTBMF9	10	2960
458422	9290011813	10.5PL-C/T LED/26V-3500 IF 4P 10/1	10.5	G24q	82	3500	50,000	1200	Plastic	A	PZ1KKRNR	10	2960
458430	9290011814	10.5PL-C/T LED/26V-4000 IF 4P 10/1	10.5	G24q	82	4000	50,000	1300	Plastic	A	PV2HQGZW	10	2960
476069	9290018197	12PLC/T LED/32H/827/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	2700	50,000	1300	Plastic	A	PIADVYIP	10	4140
476077	9290018198	12PLC/T LED/32H/830/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	3000	50,000	1350	Plastic	A	PO8NB9Q1	10	4140
476085	9290018199	12PLC/T LED/32H/835/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	3500	50,000	1400	Plastic	A	PZHF15J0	10	4140
476093	9290018200	12PLC/T LED/32H/840/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	4000	50,000	1450	Plastic	A	PT5IC4ON	10	4140
476101	9290018201	12PLC/T LED/32V/827/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	2700	50,000	1350	Plastic	A	PUS3MZTV	10	4140
476119	9290018202	12PLC/T LED/32V/830/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	3000	50,000	1400	Plastic	A	PEIZQ8AS	10	4140
476127	9290018203	12PLC/T LED/32V/835/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	3500	50,000	1450	Plastic	A	PJG8ADHK	10	4140
476135	9290018204	12PLC/T LED/32V/840/IF/4P/DIM 1PK 10/1	12	G24/Gx24	82	4000	50,000	1500	Plastic	A	PFKH6AQA	10	4140

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

MasterClass PLED

The new generation of energy-saving LED PL-L tube lighting. Philips CorePro LED PL-L is the ideal solution for downlights and luminaires in a wide range of general lighting applications. It integrates an LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

- Reduced operational cost thanks to lower energy consumption than conventional PL-L lamps
- Lower maintenance cost thanks to 2–3 times longer lifetime than conventional lamps

MasterClass PL-L



Ordering, electrical and technical data (Subject to change without notice)

2G11

Product Number	Model Number	Description	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	UL type	DLC ID (Type A)[2]	Case Qty	Pallet Qty
MasterClass 4-pin PL-L - Type A (ballast compatible)													
532895	9290018935	16.5PL-L/PER/22/830/IF22/P 4P 10/1	16.5	2G11	82	3000	50,000	2200	Plastic	A	P31FZ6G6	10	1200
532903	9290018936	16.5PL-L/PER/22/835/IF22/P 4P 10/1	16.5	2G11	82	3500	50,000	2200	Plastic	A	PAVW5BH3	10	1200
532911	9290018937	16.5PL-L/PER/22/840/IF23/P 4P 10/1	16.5	2G11	82	4000	50,000	2300	Plastic	A	PIWSEV1M	10	1200

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.



LED **spots**

MasterClass LED spots

Color match your mood

Now you can match the true color spectrum of halogens to make spaces bright, vivid and refreshing. Perfect color saturation (CRI97) and an enhanced red spectrum make for a warmer, richer light and vivid reds, creating a truly comfortable ambience.

Dim to the exact light level

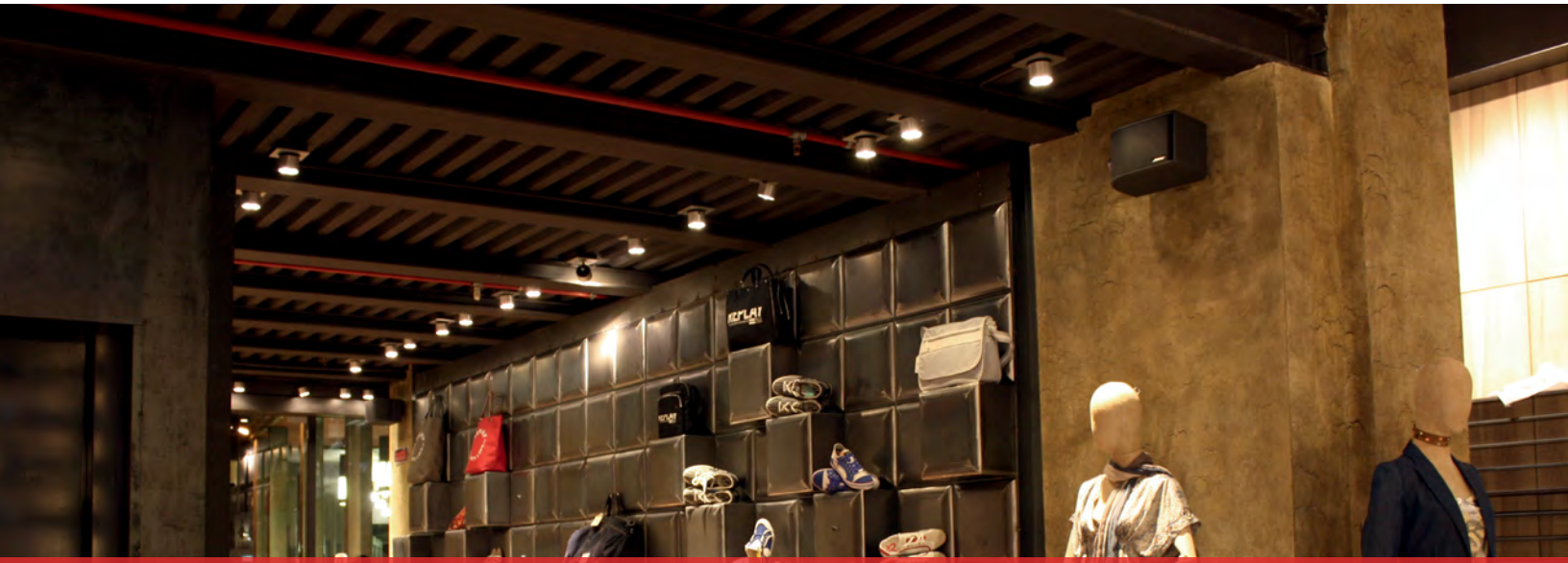
You get deep dimming (to below 5%) for the exact light level you need and improved dimmer compatibility. Smooth and Constant light for exceptionally comfortable viewing.

Hassle-free replacement

These are hassle-free, 1-for-1 retrofits that make re-lamping and renovation easy. Lifetime is 40,000 hours[2] with low lumen depreciation, which makes the ExpertColor range an excellent choice for professional "long-life" applications.

Product features:

- Single optic lamps deliver greater visual comfort and increase merchandise "pop"
- Emit virtually no UV/IR light in the beam
- Uniform beam distribution
- 90+ CRI
- 40,000 hours[1]
- Contains no mercury



Visit **philips.com/ledlamps** for the latest LED lamp data and literature

Create beautiful experiences **with light**

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Visit www.signify.com/warranties for details.

MasterClass ExpertColor

Create a perfect ambience for any environment

A perfect combination

Single optic technology that combines a contemporary look and color quality of traditional halogens while using a fraction of the energy.

Product features:

- Optimized look and feel of product
- Easy to replace/retro-fit – "Perfect fit" in most current halogen fixtures
- 40,000 hours
- 5-year limited component warranty depending upon operating hours[2]

MasterClass ExpertColor PAR



E26

Ordering, electrical and technical data

(Subject to change without notice)

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
MasterClass ExpertColor - PAR20														
535260	9290019218	8.5PAR20/PER/927/F25/DIM/EC/120V 6/1FB	120	8.5	E26	95	2700	25,000	22.8	2450	600	40	6	2244
535278	9290019219	8.5PAR20/PER/930/F25/DIM/EC/120V 6/1FB	120	8.5	E26	95	3000	25,000	22.8	2550	610	40	6	2244
535300	9290019222	8.5PAR20/PER/930/F40/DIM/EC/120V 6/1FB	120	8.5	E26	95	3000	25,000	22.8	1100	610	40	6	2244
MasterClass ExpertColor - PAR30L														
47095-4	9290013409	12PAR30L/EC/F25/927/DIM/120V 6/1	120	12	E26	95	2700	40,000	36.5	4200	800	25	6	768
47096-2	9290013410	12PAR30L/EC/F40/927/DIM/120V 6/1	120	12	E26	95	2700	40,000	36.5	1800	800	40	6	768
47103-7	9290012856	12PAR30L/EC RETAIL/S10/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	10,000	880	10	6	768
47104-5	9290012857	12PAR30L/EC RETAIL/F25/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	4500	880	25	6	768
47105-2	9290012858	12PAR30L/EC RETAIL/F40/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	2000	880	40	6	768
47097-0	9290013411	12PAR30L/EC/F25/940/DIM/120V 6/1	120	12	E26	95	4000	40,000	36.5	4800	900	25	6	768
47098-8	9290013412	12PAR30L/EC/F40/940/DIM/120V 6/1	120	12	E26	95	4000	40,000	36.5	2100	900	40	6	768
MasterClass ExpertColor - PAR30S														
47089-8	9290013402	12PAR30S/EC/S10/927/DIM/120V 6/1	120	12	E26	95	2700	40,000	36.5	9500	800	10	6	960
47090-6	9290013403	12PAR30S/EC/F25/927/DIM/120V 6/1	120	12	E26	95	2700	40,000	36.5	4200	800	25	6	960
47092-2	9290013406	12PAR30S/EC/F25/927/DIM/120V B 6/1	120	12	E26	95	2700	40,000	36.5	4200	800	25	6	960
47091-4	9290013404	12PAR30S/EC/F40/927/DIM/120V 6/1	120	12	E26	95	2700	40,000	36.5	1800	800	40	6	960
47106-0	9290012859	12PAR30S/EC RETAIL/S10/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	10,000	880	10	6	960
47107-8	9290012860	12PAR30S/EC RETAIL/F25/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	4500	880	25	6	960
47109-4	9290012862	12PAR30S/EC RETAIL/F25/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	4500	880	25	6	960
47108-6	9290012861	12PAR30S/EC RETAIL/F40/930/DIM 6/1	120	12	E26	95	3000	40,000	36.5	2000	880	40	6	960
47093-0	9290013407	12PAR30S/EC/F25/940/DIM/120V 6/1	120	12	E26	95	4000	40,000	36.5	4800	900	25	6	960
47094-8	9290013408	12PAR30S/EC/F40/940/DIM/120V 6/1	120	12	E26	95	4000	40,000	36.5	2100	900	40	6	960
MasterClass ExpertColor - PAR38														
47082-3	9290013394	17PAR38/EC/S8/927/DIM/120V 10/1	120	17	E26	95	2700	40,000	36.5	21,000	1100	8	6	420
47083-1	9290013395	17PAR38/EC/F25/927/DIM/120V 6/1	120	17	E26	95	2700	40,000	36.5	5800	1100	25	6	420
47086-4	9290013398	17PAR38/EC/F25/927/DIM/120V B 6/1	120	17	E26	95	2700	40,000	36.5	5800	1100	25	6	420
47084-9	9290013396	17PAR38/EC/F40/927/DIM/120V 6/1	120	17	E26	95	2700	40,000	36.5	2600	1100	40	6	420
47099-6	9290012852	17PAR38/EC RETAIL/S8/930/DIM 6/1	120	17	E26	95	3000	40,000	36.5	22,000	1200	8	6	420
47100-3	9290012853	17PAR38/EC RETAIL/F25/930/DIM 6/1	120	17	E26	95	3000	40,000	36.5	6000	1200	25	6	420
47102-9	9290012855	17PAR38/EC RETAIL/F25/930/DIM 6/1	120	17	E26	95	3000	40,000	36.5	6000	1200	25	6	420
47101-1	9290012854	17PAR38/EC RETAIL/F40/930/DIM 6/1	120	17	E26	95	3000	40,000	36.5	2700	1200	40	6	420
47179-7	9290013698	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	120	17	E26	90	4000	40,000	36.5	25,000	1300	8	6	420
47087-2	9290013400	17PAR38/EC/F25/940/DIM/120V 6/1	120	17	E26	95	4000	40,000	36.5	6500	1250	25	6	420
47088-0	9290013401	17PAR38/EC/F40/940/DIM/120V 6/1	120	17	E26	95	4000	40,000	36.5	3000	1250	40	6	420

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

MasterClass party bulbs PAR



Ordering, electrical and technical data

(Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
	MasterClass ExpertColor - PAR20													
W E	46907-2	929001306513	13.5PAR38/BLUE/FLOOD/ND ULW 1/4	120	13	E26	90	Blue	10,000	n/a	90	n/a	6	448
W E	46909-8	929001306713	13.5PAR38/GREEN/FLOOD/ND ULW 1/4	120	13	E26	90	Green	10,000	n/a	90	n/a	6	448
W E	46908-0	929001306613	13.5PAR38/YELLOW/FLOOD/ND ULW 1/4	120	13	E26	90	Yellow	10,000	n/a	90	n/a	6	448
W E	46910-6	929001306813	13.5PAR38/RED/FLOOD/ND ULW 1/4	120	13	E26	90	Red	10,000	n/a	90	n/a	6	448

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location **E** = Suitable for enclosed fixtures

Title 20 PAR



Ordering, electrical and technical data

(Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
	Title 20 - PAR30L dimmable bulbs														
	546969	9290020454	9.4PAR30L/COR/930/F25/DIM/120V T20 6/1FB	120	9.4	75	E26	90	3000	25,000	2910	850	25	6	768
	546977	9290020455	9.4PAR30L/COR/930/F40/DIM/120V T20 6/1FB	120	9.4	75	E26	90	3000	25,000	1315	850	40	6	768
	Title 20 - PAR30S dimmable bulbs														
	546985	9290020456	9.4PAR30S/COR/930/F25/DIM/120V T20 6/1FB	120	9.4	75	E26	90	3000	25,000	2910	850	25	6	960
	546993	9290020457	9.4PAR30S/COR/930/F40/DIM/120V T20 6/1FB	120	9.4	75	E26	90	3000	25,000	1315	850	40	6	960
	Title 20 - PAR38 dimmable bulbs														
	546929	9290020450	14PAR38/COR/927/F25/DIM/120V T20 6/1FB	120	14	120	E26	90	2700	25,000	5382	1300	25	6	384
	546937	9290020451	14PAR38/COR/927/F40/DIM/120V T20 6/1FB	120	14	120	E26	90	2700	25,000	2231	1300	40	6	384
	546945	9290020452	14PAR38/COR/930/F25/DIM/120V T20 6/1FB	120	14	120	E26	90	3000	25,000	5382	1300	25	6	384
	546950	9290020453	14PAR38/COR/930/F40/DIM/120V T20 6/1FB	120	14	120	E26	90	3000	25,000	2231	1300	40	6	384
	551887	9290022382	10PAR38/COR/930/F25/DIM/120V T20 6/1FB	120	10	90	E26	90	3000	25,000	3698	900	25	6	288
	551895	9290022383	10PAR38/COR/930/F40/DIM/120V T20 6/1FB	120	10	90	E26	90	3000	25,000	1533	900	40	6	288

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

= Not regulated by Title 20



MasterClass TrueForce

Brighter, high performance lighting with contemporary aesthetic design

Philips LED TrueForce PAR high lumen lamps are the perfect transition from CDM lamps to LED.

Product features:

- Unique single-optic lens design for accent lighting, reduces glare to improve shopper experience
- 25,000-hour rated average life for ENERGY STAR® qualified lamps[1]
- Select lamps available in black finish
- 3-year limited warranty depending upon operating hours[2]
- Type B – Ballast bypass lamps

MasterClass TrueForce PAR



Ordering, electrical and technical data

(Subject to change without notice)

E26

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[3] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
MasterClass TrueForce - PAR30L														
534644	9290019170	25.5PAR30L/PER/830/S15/ND/120-277V 6/1FB	120-277	25.5	E26	80	3000	25,000	22.8	16,000	2500	15	6	768
534651	9290019171	25.5PAR30L/PER/830/F25/ND/120-277V 6/1FB	120-277	25.5	E26	80	3000	25,000	22.8	11,500	2500	25	6	768
534669	9290019172	25.5PAR30L/PER/930/S15/ND/120-277V 6/1FB	120-277	25.5	E26	90	3000	25,000	22.8	13,500	2150	15	6	768
534677	9290019173	25.5PAR30L/PER/930/F25/ND/120-277V 6/1FB	120-277	25.5	E26	90	3000	25,000	22.8	10,000	2150	25	6	768
MasterClass TrueForce - PAR30S														
534685	9290019174	23PAR30s/PER/930/S15/ND/120V 6/1FB	120	23	E26	90	3000	25,000	22.8	12,000	1900	15	6	960
534693	9290019175	23PAR30s/PER/930/F25/ND/120V 6/1FB	120	23	E26	90	3000	25,000	22.8	9,000	1900	25	6	960
MasterClass TrueForce - PAR38														
534602	9290019168	33PAR38/PER/830/S15/DIM/120V 6/1FB	120	33	E26	80	3000	25,000	22.8	35,000	3000	15	6	420
534610	9290019169	33PAR38/PER/830/F25/DIM/120V 6/1FB	120	33	E26	80	3000	25,000	22.8	10,000	3000	25	6	420
534628	9290019196	33PAR38/PER/830/S15/DIM/120V B 6/1FB	120	33	E26	80	3000	25,000	22.8	35,000	3000	15	6	420
534636	9290019197	33PAR38/PER/830/F25/DIM/120V B 6/1FB	120	33	E26	80	3000	25,000	22.8	10,000	3000	25	6	420

1. Early initial qualification for Energy Star allows for directional lamp life claims of 25,000 hours (L70) with 3,000 hour actual test data,LM80 data and in-situ temperature measurements. As the lamps pass ENERGY STAR® requirements, manufacturers may increase the lifetime of a product as dictated by Energy Star guidelines.
2. Visit www.signify.com/warranties for details.
3. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

MasterClass LED MR16

The MR16 spot truly enhances the presentation of silver jewelry, adding sparkle to the items on display.

Product features:

- Clearly defined beam spread
- Compatible with most commonly available halogen transformers
- Long lifetime
- Exclusively suited for electronic transformers
- Deep dimming down to 5%

MasterClass MR16



Ordering, electrical and technical data

(Subject to change without notice)

GU5.3

Product Number	Model Number	Description	Volts (V)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty	MOL (in)
MasterClass ExpertColor - MR16														
47013-8	9290018725	7.8MR16/PER/927/S10/Dim/EC/12V 10/1FB	12	GU5.3	95	2700	40,000	36.5	5215	465	10	10	6840	1.99
47016-1	9290018728	7.8MR16/PER/927/F25/Dim/EC/12V 10/1FB	12	GU5.3	95	2700	40,000	36.5	2330	465	25	10	6840	1.99
47019-5	9290018731	7.8MR16/PER/927/F35/Dim/EC/12V 10/1FB	12	GU5.3	95	2700	40,000	36.5	1315	465	35	10	6840	1.99
47014-6	9290018726	7.8MR16/PER/930/S10/Dim/EC/12V 10/1FB	12	GU5.3	95	2700	40,000	36.5	5215	480	10	10	6840	1.99
47017-9	9290018729	7.8MR16/PER/930/F25/Dim/EC/12V 10/1FB	12	GU5.3	95	3000	40,000	36.5	2330	480	25	10	6840	1.99
47020-3	9290018732	7.8MR16/PER/930/F35/Dim/EC/12V 10/1FB	12	GU5.3	95	3000	40,000	36.5	1315	480	35	10	6840	1.99
47015-3	9290018727	7.8MR16/PER/940/S10/Dim/EC/12V 10/1FB	12	GU5.3	95	4000	40,000	36.5	5215	490	10	10	6840	1.99
47018-7	9290018730	7.8MR16/PER/940/F25/Dim/EC/12V 10/1FB	12	GU5.3	95	4000	40,000	36.5	2330	490	25	10	6840	1.99
47021-1	9290018733	7.8MR16/PER/940/F35/Dim/EC/12V 10/1FB	12	GU5.3	95	4000	40,000	36.5	1315	490	35	10	6840	1.99
MasterClass Warm Glow - MR16														
45453-8	9290011278	6.5MR16/F25/2700-2200 DIM 12V 10/1	12	GU5.3	80	2700-2200	25,000	22.8	1750	410	25	10	6110	1.99
45454-6	9290011279	6.5MR16/F35/2700-2200 DIM 12V 10/1	12	GU5.3	80	2700-2200	25,000	22.8	900	410	35	10	6110	1.99

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

Title 20 MR16



Ordering, electrical and technical data

(Subject to change without notice)

GU5.3

Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
Title 20 - MR16 dimmable bulbs														
479139	9290018543	6.5MR16/LED/F25/927/D/EC/12V T20 10/1FB	12	6.5	42	GU5.3	90	2700	25,000	1960	485	25	10	6840
479147	9290018544	6.5MR16/LED/F25/930/D/EC/12V T20 10/1FB	12	6.5	42	GU5.3	90	3000	25,000	1960	485	25	10	6840
479162	9290018545	6.5MR16/LED/F35/927/D/EC/12V T20 10/1FB	12	6.5	42	GU5.3	90	2700	25,000	1110	485	35	10	6840
479170	9290018546	6.5MR16/LED/F35/930/D/EC/12V T20 10/1FB	12	6.5	42	GU5.3	90	3000	25,000	1110	485	35	10	6840

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

= Not regulated by Title 20

MasterClass LED AR111

With an elegant new design, MasterClass LED AR111 creates a brilliant visual effect for retail and hospitality applications like shops, showrooms and galleries.
The high quality light brings out the true colors in merchandise, including reds. With excellent rendering of 90+ CRI and R9>50, colors stay vibrant and natural, enhancing the appeal of everything on display.

Product features:

- Dimmable
- High quality of light
- Unique lens design

MasterClass AR111



GX53



Ordering, electrical and technical data

(Subject to change without notice)

Product Number	Model Number	Description	Volts (V)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
MasterClass - AR111													
552448	929002238404	12AR111/LED/927/S8/DIM/EC 12V 6/1FB	12	G53	90	2700	40,000	36.5	8000	650	8	6	858
552406	929002238504	12AR111/LED/930/S8/DIM/EC 12V 6/1FB	12	G53	90	3000	40,000	36.5	8000	680	8	6	858
552414	929002239004	16AR111/LED/927/F25/DIM/EC 12V 6/1FB	12	G53	90	2700	40,000	36.5	3500	900	25	6	858
552422	929002239104	16AR111/LED/930/F25/DIM/EC 12V 6/1FB	12	G53	90	3000	40,000	36.5	3500	900	25	6	858
552430	929002239304	16AR111/LED/927/F40/DIM/EC 12V 6/1FB	12	G53	90	2700	40,000	36.5	1400	900	40	6	858
552372	929002239604	20AR111/LED/930/F15 DIM 12V 6/1FB	12	G53	90	3000	25,000	22.8	8000	1200	15	6	858
552380	929002239804	20AR111/LED/927/F25 DIM 12V 6/1FB	12	G53	90	2700	25,000	22.8	4000	1150	25	6	858
552398	929002239904	20AR111/LED/930/F25 DIM 12V 6/1FB	12	G53	90	3000	25,000	22.8	4000	1200	25	6	858

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).



CorePro LED PAR

Everything you value in LED PARs with a classic glass design for a familiar look

Thanks to a single optic beam, the latest LED spots provide a clean beam that's free from shadows with beam angles from 15° and 40° to suit every general lighting application. CorePro LED spots are a perfect fit for spot lighting and deliver halogen-like light. The PARs feature a glass housing and a beautifully crafted lens, matching the look and feel of a halogen lamp, while providing all of the LED benefits. Those who experience the light will be delighted by the uniform beam, natural color and absence of flicker or stroboscopic effects throughout the full dimming range.

Product features:

- Emit virtually no UV/IR light in the beam
- CRI 80
- 3-year limited warranty[2]
- Contains no mercury

CorePro Glass PAR (1 of 2)



E26

Ordering, electrical and technical data

(Subject to change without notice)

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
CorePro Glass - PAR20														
47111-0	9290013165	7PAR20/LED/F25/830/E26/GL/DIM 120V 6/1	120	7	E26	80	3000	25,000	22.8	1500	500	25	6	2244
47114-4	9290013169	7PAR20/LED/F40/830/E26/GL/DIM 120V 6/1	120	7	E26	80	3000	25,000	22.8	1000	500	40	6	2244
47112-8	9290013167	7PAR20/LED/F25/840/E26/GL/DIM 120V 6/1	120	7	E26	80	4000	25,000	22.8	1500	500	25	6	2244
47115-1	9290013170	7PAR20/LED/F40/840/E26/GL/DIM 120V 6/1	120	7	E26	80	4000	25,000	22.8	1000	500	40	6	2244
47110-2	9290013172	7PAR20/LED/827-822/F25/GL/DIM 1PK 6/1	120	7	E26	80	2700 - 2200	25,000	22.8	1500	500	25	6	2244
47113-6	9290013173	7PAR20/LED/827-822/F40/GL/DIM 1PK 6/1	120	7	E26	80	2700 - 2200	25,000	22.8	800	500	40	6	2244
CorePro Glass - PAR30L														
52970-1	9290013215	10PAR30L/LED/827/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	2700	25,000	22.8	3300	800	25	6	768
52971-9	9290013216	10PAR30L/LED/830/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	3000	25,000	22.8	3300	850	25	6	768
52972-7	9290013218	10PAR30L/LED/840/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	4000	25,000	22.8	3300	850	25	6	768
52973-5	9290013220	10PAR30L/LED/827/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	2700	25,000	22.8	1600	800	40	6	768
52974-3	9290013221	10PAR30L/LED/830/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	3000	25,000	22.8	1600	850	40	6	768
52975-0	9290013223	10PAR30L/LED/840/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	4000	25,000	22.8	1600	850	40	6	768
CorePro Glass - PAR30S														
52976-8	9290013204	10PAR30S/LED/827/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	2700	25,000	22.8	3300	800	25	6	1056
52977-6	9290013205	10PAR30S/LED/830/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	3000	25,000	22.8	3300	850	25	6	1056
52978-4	9290013207	10PAR30S/LED/840/F25/DIM/ULW/120V 6/1FB	120	10	E26	80	4000	25,000	22.8	3300	850	25	6	1056
52979-2	9290013209	10PAR30S/LED/827/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	2700	25,000	22.8	1600	800	40	6	1056
52980-0	9290013210	10PAR30S/LED/830/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	3000	25,000	22.8	1600	850	40	6	1056
52981-8	9290013212	10PAR30S/LED/840/F40/DIM/ULW/120V 6/1FB	120	10	E26	80	4000	25,000	22.8	1600	850	40	6	1056

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Visit www.signify.com/warranties for details.

CorePro LED PAR, GU10 & MR16

CorePro Glass PAR (2 of 2)



Ordering, electrical and technical data

(Subject to change without notice)

E26

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
CorePro Glass - PAR38														
52950-3	9290013183	14PAR38/LED/827/F25/DIM/ULW/120V 6/1FB	120	14	E26	80	2700	25,000	22.8	5700	1150	25	6	384
52952-9	9290013184	14PAR38/LED/830/F25/DIM/ULW/120V FB 6/1	120	14	E26	80	3000	25,000	22.8	6000	1200	25	6	384
52953-7	9290013186	14PAR38/LED/840/F25/DIM/ULW/120V 6/1FB	120	14	E26	80	4000	25,000	22.8	6000	1200	25	6	384
52954-5	9290013187	14PAR38/LED/850/F25/DIM/ULW/120V 6/1FB	120	14	E26	80	5000	25,000	22.8	6000	1200	25	6	384
52955-2	9290013188	14PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	120	14	E26	80	2700	25,000	22.8	2450	1150	40	6	384
52959-4	9290013189	14PAR38/LED/830/F40/DIM/ULW/120V 6/1FB	120	14	E26	80	3000	25,000	22.8	2500	1200	40	6	384
52960-2	9290013191	14PAR38/LED/840/F40/DIM/ULW/120V 6/1FB	120	14	E26	80	4000	25,000	22.8	2500	1200	40	6	384
52961-0	9290013192	14PAR38/LED/850/F40/DIM/ULW/120V 6/1FB	120	14	E26	80	5000	25,000	22.8	2500	1200	40	6	384
52962-8	9290013194	12PAR38/LED/827/F25/DIM/ULW/120V 6/1FB	120	12	E26	80	2700	25,000	22.8	4100	850	25	6	384
52963-6	9290013195	12PAR38/LED/830/F25/DIM/ULW/120V 6/1FB	120	12	E26	80	3000	25,000	22.8	4100	900	25	6	384
47469-2	9290013196	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	120	12	E26	80	3500	25,000	22.8	4000	900	25	6	384
52964-4	9290013197	12PAR38/LED/840/F25/DIM/ULW/120V 6/1FB	120	12	E26	80	4000	25,000	22.8	4100	900	25	6	384
52966-9	9290013199	12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	120	12	E26	80	2700	25,000	22.8	1800	850	40	6	384
52967-7	9290013200	12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB	120	12	E26	80	3000	25,000	22.8	1900	900	40	6	384
52968-5	9290013202	12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB	120	12	E26	80	4000	25,000	22.8	1900	900	40	6	384

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

CorePro Glass GU10 & MR16



Ordering, electrical and technical data

(Subject to change without notice)

GU10 GU5.3

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Life (yrs)	MBCP	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty
CorePro Glass - GU10														
47156-5	9290013582	4.5GU10/LED/822-27/F35/CLA/GL/DIM 10/1	120	4.5	GU10	80	2700-2200	25,000	22.8	700	380	35	10	5700
46814-0	9290013006	4.5GU10/LED/F35/830/DIM 10/1	120	4.5	GU10	80	3000	25,000	22.8	750	400	35	10	5700
45765-5	9290011565	5GU10/LED/827-22/F35/DIM 120V 10/1	120	5	GU10	80	2700	25,000	22.8	700	400	35	10	4560
CorePro - MR16														
53311-7	9290018807	7.3MR16/LED/827/F25/DIM 12V 10/1FB	12	7.3	GU5.3	82	2700	25,000	22.8	2400	515	25	10	8160
53314-1	9290018810	7.3MR16/LED/827/F35/DIM 12V 10/1FB	12	7.3	GU5.3	82	2700	25,000	22.8	1350	515	40	10	8160
53312-5	9290018808	7.3MR16/LED/830/F25/DIM 12V 10/1FB	12	7.3	GU5.3	82	3000	25,000	22.8	2500	515	10	10	8160
53315-8	9290018811	7.3MR16/LED/830/F35/DIM 12V 10/1FB	12	7.3	GU5.3	82	3000	25,000	22.8	1350	515	25	10	8160
53351-3	9290018813	8.5MR16/LED/827/F25/DIM 12V 10/1FB	12	8	GU5.3	–	2700	25,000	22.8	2900	621	40	10	8160
53318-2	9290018816	8.5MR16/LED/827/F35/DIM 12V 10/1FB	12	8	GU5.3	–	2700	25,000	22.8	1500	621	25	10	8160
53317-4	9290018814	8.5MR16/LED/830/F25/DIM 12V 10/1FB	12	8	GU5.3	–	3000	25,000	22.8	2900	621	25	10	8160
53319-0	9290018817	8.5MR16/LED/830/F35/DIM 12V 10/1FB	12	8	GU5.3	–	3000	25,000	22.8	1500	621	25	10	8160
53352-1	9290018815	8.5MR16/LED/840/F25/DIM 12V 10/1FB	12	7.3	GU5.3	–	4000	25,000	22.8	2900	621	25	10	8160
53333-1	9290018818	8.5MR16/LED/840/F35/DIM 12V 10/1FB	12	8	GU5.3	–	4000	25,000	22.8	1500	621	40	10	8160

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

LED bulbs

MasterClass A-shape LED bulbs

The MasterClass range of LED bulbs delivers smooth dimming down to 10% or less in a variety of color temperatures ideal for a variety of applications

The more you dim, the warmer the light

Not all LEDs dim the same. Look for Philips LED bulbs with a warm glow dimming effect. They dim just like traditional incandescents by getting warmer in tone as the light dims. Other LED bulbs simply get less bright, without the cozy glow.

Product features:

- High performance dimming
- Longest lifetime[1]
- Superior light quality[1]
- Maximum energy savings[1]

MasterClass A-shape (1 of 2)



A B C D E F G

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[2] (hrs)	Lumens (lm)	Material	Finish	Legend
	A19 - 40W lamp equivalent dimming												
W ■ E ■	549485	929001969504	5A19/PER/927-922/CL/G/E26/WGX 1FB T20	120	5	E26	90	2700-2200	15,000	450	Glass	Clear	A
W ■ E ■	557595	929002327803	5A19/PER/927-22/FR/G/WGX 4/2FB T20	120	5	E26	90	2700-2200	15,000	450	Glass	Frosted	B
D ■ E ■	479428	929001940704	5A19/PER/927-22/P/E26/WG 6/1FB T20	120	5	E26	90	2700-2200	15,000	450	Plastic	Frosted	C
	A19 - 60W lamp equivalent dimming												
W ■ E ■	549493	929001969604	8A19/PER/927-922/CL/G/E26/WGX 1FB T20	120	8	E26	90	2700-2200	15,000	800	Glass	Clear	D
W ■ E ■	557587	929002327703	8.5A19/PER/927-22/FR/G/WGX 4/2FB T20	120	8.5	E26	90	2700-2200	15,000	800	Glass	Frosted	E
D ■ E ■	479444	929001940904	8.8A19/PER/927-22/P/E26/WG 6/1FB T20	120	8.8	E26	90	2700-2200	15,000	800	Plastic	Frosted	C
	A21 - 75W equivalent lamps dimming												
D ■ E ■	479469	929001941104	12.2A21/PER/927-22/P/E26/WG 6/1FB T20	120	12.2	E26	90	2700-2200	15,000	1100	Plastic	Frosted	F
D ■ E ■	561000	929002285404	12.2A19/PER/927-22/P/E26/WG 6/1FB T20	120	12.2	E26	90	2700-2200	15,000	1100	Plastic	Frosted	G
	A21 - 100W equivalent lamps dimming												
D ■ E ■	479485	929001941304	16A21/PER/927-22/P/E26/WG 6/1FB T20	120	16	E26	90	2700-2200	25,000	1600	Plastic	Frosted	F
D ■ E ■	561027	929002285504	16A19/PER/927-22/P/E26/WG 6/1FB T20	120	16	E26	90	2200-2700	15,000	1600	Plastic	Frosted	G
	A21 - 150W equivalent lamps dimming												
D ■ ■	558221	929002343003	29A21/PER/827-22/P/E26/WG/HO 4/1FB	120	29	E26	80	2700-2200	15,000	2610	Plastic	Frosted	F

1. When compared to CorePro version of the same lamp type.
2. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location **W** = Wet location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20

MasterClass A-shape LED bulbs

Philips MasterClass A-Shape lamps provide a wide variety of features to meet the needs of any application.

From practical innovative solutions like 3-Way Switching, SceneSwitch and Dusk to Dawn to the party bulbs that add colorful light for a festive touch to your facility. These LED lamps brighten up your facility and provide high quality performance with energy saving benefits.

MasterClass A-shape (2 of 2)



1 2 3

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	3-way switching lamps											
D ■ Ⓔ ■	556928	929002285003	14A21/LED/927/P/E26/3WAY ND 4/1FB T20	120	5/8/14	90	2700	25,000	450/800/1600	Plastic	Frosted	1
D ■ Ⓔ	472548	929001356004	23A21/LED/827/E26d/3WAY/ND 120V FB 1PK	120	8/16/23	80	2700	15,000	620/1600/2150	Plastic	Frosted	1
D ■ Ⓔ ■	556936	929002285103	18.5A21/LED/927/P/E26/3WAY ND 4/1FB T20	120	6/13/18.5	90	2700	15,000	620/1600/2150	Plastic	Frosted	1
	SceneSwitch lamps											
D Ⓔ	464965	929001261304	9.5A19/LED/827-25-22/ND SSWG 120V 6/1	120	9/4/2	80	2700-2500-2200	15,000	800-320-80	Plastic	Frosted	2
D Ⓔ	464883	929001261343	9A19/PER/827-25-22/FR/ND/SSWG 4/1BC	120	9/4/2	80	2700-2500-2200	15000	800-320-80	Plastic	Frosted	2
D Ⓔ	464973	929001261404	9.5A19/LED/850/ND SSDL 120V 6/1	120	9/3/1	80	5000	15,000	800-320-80	Plastic	Frosted	2
D ■ Ⓔ	464957	929001263204	9.5A19/LED/827-50-22/ND SSCC 120V	120	9.5	80	2700-2500-2200	15,000	800-800-80	Plastic	Frosted	2
	Dusk to Dawn lamps											
D ■ Ⓔ	466581	929001261504	8A19/LED/827/ND D2D 120V 6/1	120	8	80	2700	25,000	800	Plastic	Frosted	3
D ■ Ⓔ ■	557728	929002333603	8.8A19/AMB/927/ND D2D 4/1FB T20	120	8.8	90	2700	15,000	800	Plastic	Frosted	3
	A19 party bulbs (images below)											
D	463208	929001998303	8A19/LED/PURPLE/P/ND 120V 6/1BC	120	8	N/A	N/A	10,000	60	Plastic	Purple	A
D	463240	929001998005	8A19/LED/BLUE/P/ND 120V 4/1FB	120	8	N/A	N/A	10,000	60	Plastic	Blue	B
D	463281	929001997905	8A19/LED/GREEN/P/ND 120V 4/1FB	120	8	N/A	N/A	10,000	60	Plastic	Green	C
D	463257	929001998105	8A19/LED/YELLOW/P/ND 120V 4/1FB	120	8	N/A	N/A	10,000	60	Plastic	Yellow	D
D	463232	929001998203	8A19/LED/ORANGE/P/ND 120V 6/1BC	120	8	N/A	N/A	10,000	60	Plastic	Orange	E
D	463273	929001997805	8A19/LED/RED/P/ND 120V 4/1FB	120	8	N/A	N/A	10,000	60	Plastic	Red	F
W	538256	929001937503	4A19/LED/PURPLE/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Purple	G
W	538231	929001937303	4A19/LED/BLUE/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Blue	H
W	538249	929001937403	4A19/LED/GREEN/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Green	I
W	538223	929001937203	4A19/LED/YELLOW/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Yellow	J
W	538215	929001937103	4A19/LED/ORANGE/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Orange	K
W	538207	929001937003	4A19/LED/RED/G/E26/ND 6/1BC	120	4	N/A	N/A	10,000	40	Glass	Red	L

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location **W** = Wet location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20



A B C D E F

Plastic & Glass



G H I J K L

CorePro LED A-shape bulbs

The affordable LED bulb solution

CorePro LED bulbs are compatible with existing fixtures and are designed for retrofit replacement of incandescent bulbs. They deliver energy savings and minimize maintenance cost. The CorePro LED bulbs are perfect for basic lighting needs. It provides the dependable performance you expect from LED at an affordable price.

CorePro LED A-shape (1 of 2)



A B C D E F G H

Ordering, electrical and technical data (Subject to change without notice)

GU24 E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	A19 - 40W lamp equivalent non-dimming												
D	559229	929002311104	5A19/LED/827/FR/P/ND 4/2FB	120	5	E26	80	2700	11,000	450	Plastic	Frosted	B
D ■	554501	929002227003	5A19/LED/927/P/E26/ND 4/4FB T20	120	5	E26	90	2700	11,000	450	Plastic	Frosted	C
D ■	559518	929002311204	5A19/LED/850/FR/P/ND 4/2FB	120	5	E26	80	5000	11000	450	Plastic	Frosted	B
D ■	554519	929002227103	5A19/LED/950/P/E26/ND 4/4FB T20	120	5	E26	90	5000	11,000	450	Plastic	Frosted	C
	A19 - 40W lamp equivalent dimming												
W	556795	929001950933	4.5A19/VIN/820/E26/CL/GL/DIM 4/FBH T20	120	4.5	E26	80	2000	15,000	350	Glass	Amber	D
D ■ Ⓔ ■	550400	929002035704	5A19/PER/927/P/E26/DIM 6/1FB T20	120	5	E26	90	2700	15,000	450	Plastic	Frosted	E
D ■ Ⓔ ■	550418	929002035804	5A19/PER/930/P/E26/DIM 6/1FB T20	120	5	E26	90	3000	15,000	450	Plastic	Frosted	E
D ■ Ⓔ ■	547042	929002035904	5A19/PER/940/P/E26/DIM 6/1FB T20	120	5	E26	90	4000	15,000	450	Plastic	Frosted	E
D ■ Ⓔ ■	549220	929002207804	5A19/PER/950/CL/G/E26/DIM 1FB T20	120	5	E26	90	5000	15,000	450	Glass	Clear	F
D ■ Ⓔ ■	550426	929002036004	5A19/PER/950/P/E26/DIM 6/1FB T20	120	5	E26	90	5000	15,000	450	Plastic	Frosted	C
	A19 - 60W lamp equivalent non-dimming												
D	559252	929002311304	8.5A19/LED/827/FR/P/ND 4/2FB	120	8.5	E26	80	2700	11,000	800	Plastic	Frosted	B
D ■	554428	929002227204	8.8A19/LED/927/P/E26/ND 6/1FB T20	120	8.8	E26	90	2700	11,000	800	Plastic	Frosted	C
D	559351	929002311404	8.5A19/LED/850/FR/P/ND 4/2FB	120	8.5	E26	80	5000	11000	800	Plastic	Frosted	B
D ■	554444	929002227304	8.8A19/LED/950/P/E26/ND 6/1FB T20	120	8.8	E26	90	5000	11,000	800	Plastic	Frosted	C
	A19 - 60W lamp equivalent dimming												
D ■ Ⓔ ■	550434	929002036104	8.8A19/PER/927/P/E26/DIM 6/1FB T20	120	8.8	E26	90	2700	15,000	800	Plastic	Frosted	C
D ■ Ⓔ ■	550442	929002036204	8.8A19/PER/930/P/E26/DIM 6/1FB T20	120	8.8	E26	90	3000	15,000	800	Plastic	Frosted	C
D ■ Ⓔ ■	557660	929002327504	8.8A19/PER/930/P/GU24/DIM 6/1FB T20	120	8.8	GU24	90	3000	15,000	800	Plastic	Frosted	G
D ■ Ⓔ ■	545897	929002032304	8.8A19/PER/940/P/E26/DIM 6/1FB T20	120	8.8	E26	90	4000	15,000	800	Plastic	Frosted	E
W ■ ■	549238	929002207904	8.8A19/PER/950/CL/G/E26/DIM 1FB T20	120	5	E26	90	5000	15,000	800	Glass	Clear	H
D ■ Ⓔ ■	550459	929002036304	8.8A19/PER/950/P/E26/DIM 6/1FB T20	120	8.8	E26	90	5000	15,000	800	Plastic	Frosted	C

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location **W** = Wet location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20

CorePro LED A-shape bulbs

CorePro LED A-shape (2 of 2)



Ordering, electrical and technical data (Subject to change without notice)

GU24 E26 E39

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	A19 - 75W lamp equivalent non-dimming												
D	559492	929002311504	10A19/LED/827/FR/P/E26/ND 4/2FB	120	10	E26	80	2700	11000	1000	Plastic	Frosted	A
D ■	554543	929002227433	12.2A21/LED/927/P/E26/ND 4/2FB T20	120	12.2	E26	90	2700	11,000	1100	Plastic	Frosted	B
D	463000	929002311603	10A19/LED/850/FR/P/ND 4/2FB	120	10	E26	80	5000	11,000	1000	Plastic	Frosted	C
D ■	554568	929002227533	12.2A21/LED/950/P/E26/ND 4/2FB T20	120	12.2	E26	90	5000	11,000	1100	Plastic	Frosted	B
	A21 - 75W equivalent lamps dimming												
D ■ Ⓔ ■	561035	929002385204	12.2A19/PER/927/P/E26/DIM 6/1FB T20	120	12.2	E26	90	2700	15,000	1100	Plastic	Frosted	D
D ■ Ⓔ ■	561043	929002385304	12.2A19/PER/930/P/E26/DIM 6/1FB T20	120	12.2	E26	90	3000	15,000	1100	Plastic	Frosted	D
D ■ Ⓔ ■	561050	929002385404	12.2A19/PER/940/P/E26/DIM 6/1FB T20	120	12.2	E26	90	4000	15,000	1100	Plastic	Frosted	D
D ■ Ⓔ ■	560994	929002285204	12.2A19/PER/950/P/E26/DIM 6/1FB T20	120	12.2	E26	90	5000	15,000	1100	Plastic	Frosted	D
	A19/A21 - 100W equivalent lamps non-dimming												
D	559500	929002311704	13.5A19/LED/827/FR/P/ND 4/2FB	120	14	E26	80	2700	11000	1500	Plastic	Frosted	E
D ■	554469	929002227604	16.6A21/LED/927/P/E26/ND 6/1FB T20	120	16.6	E26	90	2700	11,000	1500	Plastic	Frosted	B
D	559419	929002311804	13.5A19/LED/850/FR/P/ND 4/2FB	120	13.5	E26	80	5000	11000	1500	Plastic	Frosted	E
D ■	554485	929002227704	16.6A21/LED/950/P/E26/ND 6/1FB T20	120	16.6	E26	90	5000	11,000	1500	Plastic	Frosted	B
	A21 - 100W equivalent lamps dimming												
D ■ Ⓔ ■	561068	929002385504	16A19/PER/927/P/E26/DIM 6/1FB T20	120	16	E26	90	2700	15,000	1600	Plastic	Frosted	D
D ■ Ⓔ ■	557678	929002327604	16A21/PER/930/P/GU24/DIM 6/1FB T20	120	16	GU24	90	3000	15,000	1600	Plastic	Frosted	F
D ■ Ⓔ ■	561076	929002385604	16A19/PER/930/P/E26/DIM 6/1FB T20	120	16	E26	90	3000	15,000	1600	Plastic	Frosted	D
D ■ Ⓔ ■	561456	929002385704	16A19/PER/940/P/E26/DIM 6/1FB T20	120	16	E26	90	4000	15,000	1600	Plastic	Frosted	D
D ■ Ⓔ ■	561019	929002285304	16A19/PER/950/P/E26/DIM 6/1FB T20	120	16	E26	90	5000	15,000	1600	Plastic	Frosted	D
	A21 - 150W equivalent lamps dimming												
D ■	558239	929002343103	29A21/PER/850/P/E26/DIM/HO 4/1FB	120	29	E26	80	5000	15,000	2610	Plastic	Frosted	B
	Large A lamps - 160W-200W-300W equivalent												
Ⓔ	479287	929001854715	20A30/LED/865/P/E26/ND 4/1FB	120	20	E26	80	6500	25,000	2300	Plastic	Frosted	G
Ⓔ	479295	929001854815	24A35/LED/865/P/E26E39/ND 4/1FB	120	24	E26/E39	80	6500	25,000	3000	Plastic	Frosted	H
Ⓔ	479303	929001854915	42A40/LED/865/P/E26E39/ND 4/1FB	120	42	E26/E39	80	6500	25,000	5000	Plastic	Frosted	I

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20

MasterClass LED reflectors

Philips LED reflectors are an ideal choice for recessed and general lighting applications which can be integrated seamlessly in recessed downlight luminaires. Suitable for retail, office and residential spaces.

Product features:

- Reduces maintenance cost by reducing re-lamp frequency
- High lumen reflector options are great for high ceilings
- Contains no mercury

MasterClass LED R20, BR30 & BR40 bulbs



Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Legend
	R20 lamps										
D ■ E ■	456979	929002008904	5R20/PER/927-22/P/E26/WG 6/1FB T20	120	5	E26	90	2700-2200	15,000	450	A
	BR30 lamps										
D ■ E ■	457044	929001870334	7.2BR30/PER/922-27/P/E26/WG 6/1FB T20	120	7.2	E26	90	2700-2200	15,000	650	B
D ■ E ■	558023	929002351403	15BR30/PER/927-22/E26/WG/HO 4/1FB T20	120	15	E26	90	2700-2200	15,000	1400	B
	BR40 lamps										
D ■ E ■	457010	929002009104	8.8BR40/PER/927-22/P/E26/WG 6/1FB T20	120	8.8	E26	90	2700-2200	15,000	800	C
D ■ E ■	558049	929002351203	20BR40/PER/927-22/E26/WG/HO 4/1FB T20	120	20	E26	90	2700-2200	15,000	2175	D

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant



CorePro LED reflectors

Philips LED CorePro reflectors are an affordable choice for recessed and general lighting applications.

Product features:

- Reduces maintenance cost by reducing re-lamp frequency
- High lumen reflector options are great for high ceilings
- Contains no mercury

CorePro LED R20, BR30 & BR40 bulbs



A B C D E F

E26

Ordering, electrical and technical data (Subject to change without notice)

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Legend
	R20 lamps dimming										
D ■ Ⓔ ■	553883	929002092204	5R20/PER/927/P/E26/DIM 6/1FB T20	120	5	E26	90	2700	15,000	450	A
D ■ Ⓔ ■	547406	929002035304	5R20/PER/930/P/E26/DIM 6/1FB T20	120	5	E26	90	3000	15,000	450	A
D ■ Ⓔ ■	547414	929002035404	5R20/PER/940/P/E26/DIM 6/1FB T20	120	5	E26	90	4000	15,000	450	A
D ■ Ⓔ ■	548123	929002204063	5R20/PER/950/P/E26/DIM 6/1FB T20	120	5	E26	90	5000	15,000	450	A
	BR30 lamps non-dimming										
D ■	541010	929001947903	9BR30/LED/827/FR/P/ND 6/1FB	120	9	E26	80	2700	11,000	650	B
	BR30 lamps dimming										
D ■ Ⓔ ■	553891	929002092304	7.2BR30/PER/927/P/E26/DIM 6/1FB T20	120	7.2	E26	90	2700	15,000	650	C
D ■ Ⓔ ■	545905	929002032104	7.2BR30/PER/930/P/E26/DIM 6/1FB T20	120	7.2	E26	90	3000	15,000	650	C
D ■ Ⓔ ■	545913	929002032204	7.2BR30/PER/940/P/E26/DIM 6/1FB T20	120	7.2	E26	90	4000	15,000	650	C
D ■ Ⓔ ■	548107	929002204163	7.2BR30/PER/950/P/E26/DIM 6/1FB T20	120	7.2	E26	90	5000	15,000	650	C
D ■ Ⓔ ■	558031	929002351303	15BR30/PER/950/E26/DIM/HO 4/1FB T20	120	15	E26	90	5000	15,000	1400	D
	BR40 lamps dimming										
D ■ Ⓔ ■	553909	929002092404	8.8BR40/PER/927/P/E26/DIM 6/1FB T20	120	8.8	E26	90	2700	15,000	800	E
D ■ Ⓔ ■	547422	929002035504	8.8BR40/PER/930/P/E26/DIM 6/1FB T20	120	8.8	E26	90	3000	15,000	800	E
D ■ Ⓔ ■	547430	929002035604	8.8BR40/PER/940/P/E26/DIM 6/1FB T20	120	8.8	E26	90	4000	15,000	800	E
D ■ Ⓔ ■	548115	929002204263	8.8BR40/PER/950/P/E26/DIM 6/1FB T20	120	8.8	E26	90	5000	15,000	800	E
D ■ Ⓔ ■	558056	929002351503	20BR40/PER/950/E26/DIM/HO 4/1FB T20	120	20	E26	90	5000	15,000	2175	F

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location Ⓔ = Suitable for enclosed fixtures ■ = ENERGY STAR® qualified ■ = Title 20 compliant

LED **candles & decorative**

MasterClass LED dimmable candles and decorative lamps

Philips LED dimmable candles and decorative lamps incorporate a revolutionary new shaped prism that allows the optics to radiate brilliant, clear and sparkling white LED light. The improved light quality provides consistent color from every angle – even when dimmed in the most intimate of light levels.

Product features:

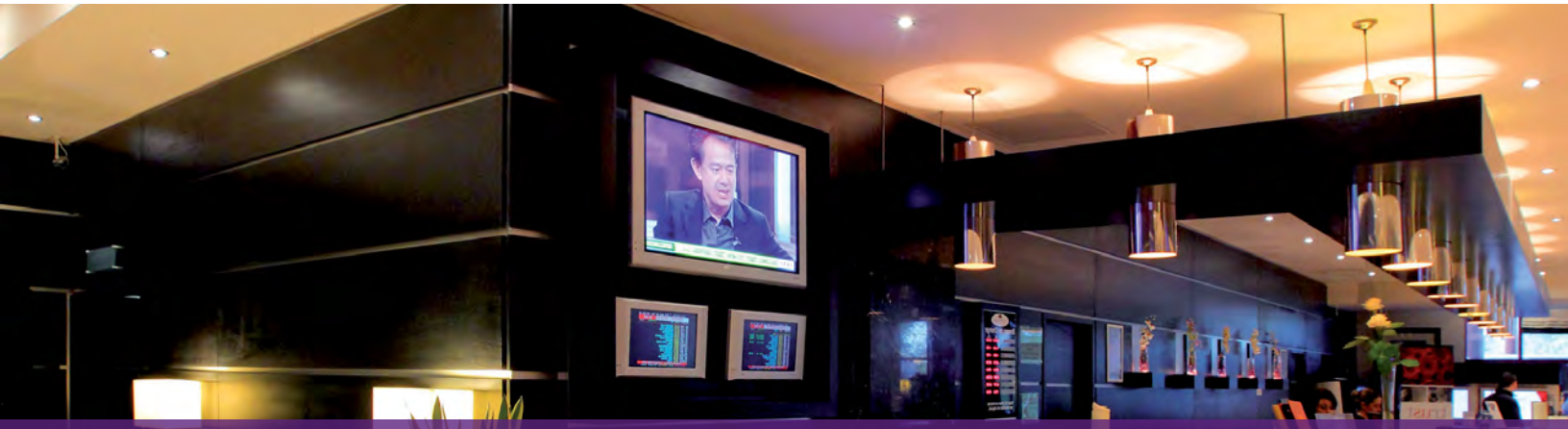
- Lowers maintenance costs by reducing re-lamp frequency
- Contains no mercury
- Up to 90 CRI options available

CorePro LED decorative

CorePro LED candles and decorative lamps are ideal for locations that need the little bit of sparkle.

Product features:

- Huge energy savings when compared to incandescent



Visit **philips.com/ledlamps** for the latest LED lamp data and literature









MasterClass LED

MasterClass LED A15 lamps



A



B

Ordering, electrical and technical data (Subject to change without notice)

E12 E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	A15 - 40W equivalent lamps dimming												
W ■	549378	929002208104	3.8A15/PER/927-922/CL/G/E12/WGX1FB T20	120	3.8	E12	90	2700-2200	15,000	350	Glass	Clear	A
W ■	549386	929002208304	3.8A15/PER/927-922/CL/G/E26/WGX1FB T20	120	3.8	E26	90	2700-2200	15,000	350	Glass	Clear	B
	A15 - 60W equivalent lamps dimming												
W ■	549394	929002208404	5.5A15/PER/927-922/CL/G/E12/WGX1FB T20	120	5.5	E12	90	2700-2200	15,000	500	Glass	Clear	A
W ■	549402	929002208604	5.5A15/PER/927-922/CL/G/E26/WGX1FB T20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	B

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = Title 20 compliant

MasterClass LED G16.5 lamps



A



B



C



D



E

Ordering, electrical and technical data (Subject to change without notice)

E12 E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	G16.5 - 25W equivalent lamps dimming												
W ■ ■	549253	929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	120	2.7	E26	90	2700-2200	15,000	250	Glass	Clear	A
W ■ ■	549261	929002204904	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	120	2.7	E12	90	2700-2200	15,000	250	Glass	Clear	B
	G16.5 - 40W equivalent lamps dimming												
W ■ ■	549287	929002205104	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	120	3.8	E12	90	2700-2200	15,000	350	Glass	Clear	C
W ■ ■	549279	929002205004	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	120	3.8	E26	90	2700-2200	15,000	350	Glass	Clear	D
W ■ ■	549311	929002205404	3.8G16.5/PER/927-922/FR/G/E26/WGX 1FBT20	120	3.8	E26	90	2700-2200	15,000	350	Glass	Frosted	E
	G16.5 - 60W equivalent lamps dimming												
W ■ ■	549303	929002205304	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	120	5.5	E12	90	2700-2200	15,000	500	Glass	Clear	C
W ■ ■	549295	929002205204	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	D

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = ENERGY STAR® qualified ■ = Title 20 compliant

CorePro LED

CorePro LED A15 lamps



A B C

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	A15 - 25W equivalent lamps non-dimming												
W	556555	929002260203	3.3A15/VIN/820/E26/CL/GL/DIM 4/FBHT20	120	3.3	E26	90	2200	15,000	200	Glass	Amber	A
W	543165	929002001103	3A15/MOD/840/E26/CL/GL/DIM 4/1BC	120	3	E26	90	4000	15,000	100	Glass	Smokey	B
	A15 - 40W equivalent lamps dimming												
W	548305	929002209004	5A15/PER/950/CL/G/E26/DIM 1FB T20	120	5	E26	90	5000	15,000	450	Glass	Clear	C
	A15 - 60W equivalent lamps dimming												
W	548313	929002209304	8A15/PER/950/CL/G/E26/DIM 1FB T20	120	8	E26	90	5000	15,000	800	Glass	Clear	C

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20

CorePro LED G16.5 lamps



A B

Ordering, electrical and technical data (Subject to change without notice)

E12

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	A15 - 25W equivalent lamps non-dimming												
W	537597	929001951353	4.5G16.5/VIN/820/E12/CL/GL/DIM 4/BC T20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	A
W	556829	929001951333	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	A
W	543157	929002001403	3G16.5/MOD/840/E12/CL/GL/DIM 4/BC	120	3	E12	80	4000	15,000	100	Glass	Smokey	B

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = Not regulated by Title 20

MasterClass LED candles

Philips LED dimmable candles and decorative lamps incorporate a revolutionary new shaped prism that allows the optics to radiate brilliant, clear and sparkling white LED light. The light quality provides consistent color from every angle – even when dimmed in the most intimate of light levels.

Product features:

- Lowers maintenance costs by reducing re-lamp frequency
- Contains no mercury
- Up to 90 CRI options available

MasterClass LED decorative



Ordering, electrical and technical data (Subject to change without notice)

E12 E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	Candles 25W equivalent lamps dimming												
W ■ ■	549329	929002204404	2B11/PER/927-922/CL/G/E12/WGX1FB T20	120	2	E12	90	2700-2200	15,000	180	Glass	Clear	A
W ■ ■	549246	929002204304	2BA11/PER/927-922/CL/G/E12/WGX 1FB T20	120	2	E12	90	2700-2200	15,000	180	Glass	Clear	B
	Candles 40W equivalent lamps dimming												
W ■ ■	549568	929001969404	3.3B11/PER/927-922/CL/G/E12/WGX 1FB T20	120	3.3	E12	90	2700-2200	15,000	300	Glass	Clear	A
W ■ ■	549584	929002047204	3.3B11/PER/927-922/CL/G/E26/WGX1FB T20	120	3.3	E26	90	2700-2200	15,000	300	Glass	Clear	C
W ■ ■	549543	929001969204	3.3BA11/PER/927-922/CL/G/E12/WGX 1FB T20	120	3.3	E12	90	2700-2200	15,000	300	Glass	Clear	B
W ■ ■	549550	929001969304	3.3BA11/PER/927-922/CL/G/E26/WGX 1FB T20	120	3.3	E26	90	2700-2200	15,000	300	Glass	Clear	D
	Candles 60W equivalent lamps dimming												
W ■ ■	549337	929002204504	5.5B11/PER/927-922/CL/G/E12/WGX 1FB T20	120	5.5	E12	90	2700-2200	15,000	500	Glass	Clear	G
W ■ ■	549345	929002204604	5.5B11/PER/927-922/CL/G/E26/WGX 1FB T20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	E
W ■ ■	550250	929002051304	5.5BA11/PER/927-922/CL/G/E12/WGX 1FB T20	120	5.5	E12	90	2700-2200	15,000	500	Glass	Clear	B
W ■ ■	549576	929001970104	5.5BA11/PER/927-922/CL/G/E26/WGX 1FB T20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	D
W ■ ■	547959	929002091503	5.5F15/PER/927-922/CL/G/E26/WGX 1BC	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	F
	Candles 75W equivalent lamps dimming												
W ■	557462	929002295604	6.6BA11/PER/927-922/CL/G/E26/WGX T20	120	6.6	E26	90	2700-2200	15,000	600	Glass	Clear	H
W ■	557470	929002295704	6.6BA11/PER/927-922/CL/G/E12/WGX T20	120	6.6	E12	90	2700-2200	15,000	600	Glass	Clear	I

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = ENERGY STAR® qualified ■ = Title 20 compliant

CorePro LED candles

CorePro LED candles and decorative lamps are ideal for locations that need the little bit of sparkle.

Product features:

- Huge energy savings when compared to incandescent

CorePro LED decorative



A B C D E F G H I J K L

Ordering, electrical and technical data (Subject to change without notice)

E12 E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	Candles 15W equivalent lamps dimming												
W	543173	929002001203	3BA11/MOD/840/E12/CL/GL/DIM 8/1BC	120	3	E12	80	4000	15,000	100	Glass	Smokey	B
	Candles 40W equivalent lamps dimming												
W	537621	929001951453	4.5B11/VIN/820/E12/CL/GL/DIM 8/1BC T20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	C
W	556852	929001951433	4.5B11/VIN/820/E12/CL/GL/DIM FBH T20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	C
W	537613	929001951153	4.5BA11/VIN/820/E12/CL/GL/DIM 4/1BC T20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	D
W	556845	929001951133	4.5BA11/VIN/820/E12/CL/GL/DIM 4/FBHT20	120	4.5	E12	80	2000	15,000	300	Glass	Amber	D
W	549147	929002205904	3.3B11/PER/950/CL/G/E12/DIM 1FBT20	120	3.3	E12	90	5000	15,000	300	Glass	Clear	E
W	549154	929002206004	3.3B11/PER/950/CL/G/E26/DIM 1FBT20	120	3.3	E26	90	5000	15,000	300	Glass	Clear	F
W	549121	929002205704	3.3BA11/PER/950/CL/G/E12/DIM 1FB T20	120	3.3	E12	90	5000	15,000	300	Glass	Clear	G
W	549139	929002205804	3.3BA11/PER/950/CL/G/E26/DIM 1FB T20	120	3.3	E26	90	5000	15,000	300	Glass	Clear	H
	Candles 60W equivalent lamps dimming												
W	549410	929002206304	5.5B11/PER/950/CL/G/E12/DIM 1FBT20	120	5.5	E12	90	5000	15,000	500	Glass	Clear	I
W	549428	929002206404	5.5B11/PER/950/CL/G/E26/DIM 1FBT20	120	5.5	E26	90	5000	15,000	500	Glass	Clear	J
W	549162	929002206104	5.5BA11/PER/950/CL/G/E12/DIM 1FB T20	120	5.5	E12	90	5000	15,000	500	Glass	Clear	K
W	549170	929002206204	5.5BA11/PER/950/CL/G/E26/DIM 1FB T20	120	5.5	E26	90	5000	15,000	500	Glass	Clear	L

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location = ENERGY STAR® qualified = Title 20 compliant = Not regulated by Title 20

MasterClass LED globes

Philips LED G25 globes are designed to radiate a brilliant light. Filament models offers a light quality that provides consistency in color from any angle. Perfect for vanities, pendant and other decorative locations.

Product features:

- Lowers maintenance costs by reducing re-lamp frequency
- Contains no mercury
- Up to 90 CRI options available

MasterClass LED G25 globes


A


B


C

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	25W equivalent lamps dimming												
W ■ ■	549352	929002204704	2.7G25/PER/927-922/CL/G/E26/WGX1FB T20	120	2.7	E26	90	2700-2200	15,000	250	Glass	Clear	A
W ■ ■	549360	929002208004	2.7G25/PER/927-922/FR/G/E26/WGX1FB T20	120	2.7	E26	90	2700-2200	15,000	250	Glass	Frosted	B
	40W equivalent lamps dimming												
W ■ ■	549501	929001969704	3.8G25/PER/927-922/CL/G/E26/WGX1FB T20	120	3.8	E26	90	2700-2200	15,000	350	Glass	Clear	A
W ■ ■	549527	929001969904	3.8G25/PER/927-922/FR/G/E26/WGX1FB T20	120	3.8	E26	90	2700-2200	15,000	350	Glass	Frosted	B
	60W equivalent lamps dimming												
W ■ ■	549519	929001969804	5.5G25/PER/927-922/CL/G/E26/WGX1FB T20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Clear	C
W ■ ■	549535	929001970004	5.5G25/PER/927-922/FR/G/E26/WGX1FB T20	120	5.5	E26	90	2700-2200	15,000	500	Glass	Frosted	B

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = ENERGY STAR® qualified ■ = Title 20 compliant





CorePro LED globes

CorePro LED decorative lamps are ideal for locations that need the little bit of sparkle.

Product features:

- Huge energy savings when compared to incandescent

CorePro LED G25 globes



A B C D E

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	25W equivalent lamps dimming												
W	543124	929002000803	4G25/MOD/840/E26/CL/GL/DIM 4/1BC	120	4	E26	80	4000	15,000	150	Glass	Smokey	A
	40W equivalent lamps dimming												
W	537589	929001951253	4.5G25/VIN/820/E26/CL/GL/DIM 4/1BC T20	120	4.5	E26	80	2000	15,000	300	Glass	Amber	B
W	556811	929001951233	4.5G25/VIN/820/E26/CL/GL/DIM 4/FBH T20	120	4.5	E26	80	2000	15,000	300	Glass	Amber	B
W	549188	929002206704	3.8G25/PER/950/CL/G/E26/DIM 1FBT20	120	3.8	E26	90	5000	15,000	350	Glass	Clear	D
W	549204	929002206904	3.8G25/PER/950/FR/G/E26/DIM 1FBT20	120	3.8	E26	90	5000	15,000	350	Glass	Frosted	C
	60W equivalent lamps dimming												
W	549196	929002206804	5.5G25/PER/950/CL/G/E26/DIM 1FBT20	120	5.5	E26	90	5000	15,000	500	Glass	Clear	E
W	549212	929002207004	5.5G25/PER/950/FR/G/E26/DIM 1FBT20	120	5.5	E26	90	5000	15,000	500	Glass	Frosted	C

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location = ENERGY STAR® qualified = Title 20 compliant = Not regulated by Title 20





MasterClass LED designer decorative lamps

Philips designer decorative LED lamps transform your facility with a perfect blend of warm white light or a modern, cool lighting experience. With very long lifetime, up to 90% energy savings, this lamp as a fixture approach, will also evenly distribute light with trendy and stylish charm for a welcoming space.

Product features:

- Long lifetime that reduces the need for replacement
- Easy replacement of classic conventional lamp with the added value of a fixture
- Perfect fit and high quality finishing
- Increased energy savings when compared to traditional incandescent lamps

MasterClass LED designer decorative lamps



Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	Designer decorative lamps												
W ■ ■	556530	929002296003	8ST19/PER/927-922/CL/G/E26/WGX PF T20	120	8	E26	90	2700-2200	15,000	800	Glass	Clear	A
W ■ ■	556548	929002296103	8.8ST19/PER/950/CL/G/E26/DIM 1PF T20	120	8.8	E26	90	5000	15000	800	Glass	Clear	A
W ■	556803	929001951033	5ST19/VIN/820/E26/CL/GL/DIM 4/1FBH T20	120	5	E26	80	2000	15000	350	Glass	Amber	B
W ■	556837	929001951533	4.5T10/VIN/820/E26/CL/GL/DIM 4/FBH T20	120	4.5	E26	80	2000	15000	300	Glass	Amber	C
W ■	536284	929001936503	7.5T20/VIN/820/CL/G/DIM 2/1CT	120	7.5	E26	80	2000	15000	400	Glass	Amber	D
W ■	536276	929001936403	7.5A50/VIN/820/CL/G/DIM 2/1CT	120	7.5	E26	80	2000	15000	400	Glass	Amber	E
W ■	536268	929001936303	7.5G63/VIN/820/CL/G/DIM 2/1CT	120	7.5	E26	80	2000	15000	400	Glass	Amber	F
W ■	543140	929002001003	4ST19/MOD/840/E26/CL/GL/DIM 4/1BC	120	4	E26	80	4000	15000	150	Glass	Smokey	G
W ■	543132	929002000903	4T10/MOD/840/E26/CL/GL/DIM 4/1BC	120	4	E26	80	4000	15000	150	Glass	Smokey	H
W ■	536318	929001936803	7.5T20/modern/840/CL/G/DIM 2/1CT	120	7.5	E26	80	4000	15000	250	Glass	Smokey	I
W ■	536300	929001936703	7.5A50/modern/840/CL/G/DIM 2/1CT	120	7.5	E26	80	4000	15000	250	Glass	Smokey	J
W ■	536292	929001936603	7.5G63/modern/840/CL/G/DIM 2/1CT	120	7.5	E26	80	4000	15000	250	Glass	Smokey	K

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

W = Wet location ■ = ENERGY STAR® qualified ■ = Title 20 compliant ■ = Not regulated by Title 20

MasterClass LED UFO lamps

Philips LED UFO decorative lamps are perfect for those applications where you need light with a fixture approach. Great in property management, new residential construction, hospitality and more. Ideal for closets, garages, attics, storage spaces or any area that requires a highly efficient and modern aesthetic with low ceilings.

Product features:

- Lowers maintenance costs by reducing re-lamp frequency
- Contains no mercury
- Rugged plastic design
- Less glare through increased surface space

MasterClass LED UFO lamps



A



B

Ordering, electrical and technical data (Subject to change without notice)

E26

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Material	Finish	Legend
	UFO - 75W lamp equivalent non-dimming												
D	561654	929002010503	16UFO/LED/830/FR/P/ND 4/1FB	110-240	16	E26	80	3000	15,000	1150	Plastic	Frosted	A
D	561639	929002441103	16UFO/LED/850/FR/P/ND 4/1FB	110-240	16	E26	80	5000	15,000	1200	Plastic	Frosted	A
D	545110	929002010605	16UFO/LED/865/FR/P/ND 6/1FB	110-240	16	E26	80	6500	15,000	1200	Plastic	Frosted	A
	UFO - 125W lamp equivalent non-dimming												
D	561662	929002010703	26UFO/LED/830/FR/P/ND 4/1FB	110-240	26	E26	80	3000	15,000	1950	Plastic	Frosted	B
D	561647	929002441203	26UFO/LED/850/FR/P/ND 4/1FB	110-240	26	E26	80	5000	15,000	2050	Plastic	Frosted	B
D	545137	929002010805	26UFO/LED/865/FR/P/ND 6/1FB	110-240	26	E26	80	6500	15,000	2050	Plastic	Frosted	B

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location

Note: Can not be sold in T20 regulated areas.





MasterClass LED specialty lamps

MasterClass LED specialties deliver a high quality light to make themselves a true replacement of halogen specialty lamps and are a smart alternative to standard incandescent. Their unique lamp design provides form factors to fit standard applications. Lamps in this portfolio fit a variety of applications from task lighting in hotel and restaurants, landscape lighting and ideal for decorative and ambient applications and more. LED Specialty products deliver huge energy savings and minimize maintenance costs, without any compromise on light quality.

Product features:

- Long lifetime that reduces the need for replacement
- Easy replacement of classic conventional lamps
- Perfect fit and high quality finishing
- Increased energy savings when compared to traditional incandescent replaced by halogen

MasterClass LED specialty lamps



Ordering, electrical and technical data (Subject to change without notice)

E12 G4 G8 G9

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Bulb	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Dimming	Legend
	Specialty lamps													
D E ■	477166	929001844003	1T3/LED/830/G4/ND/12V 6/1BC	12	1	10	T3	G4	80	3000	15,000	100	N	A
D E ■	477174	929001844203	2T3/LED/830/G4/ND 12V 6/1BC	12	2	20	T3	G4	80	3000	15,000	200	N	B
D E ■	477240	929001844425	2T3/PER/830/ND/GY6.35/12V 6/1BC	12	2	20	T3	GY6.35	80	3000	15,000	200	N	C
D E ■	477208	929001840625	2.2T3/PER/830/ND/G8/120V 6/1	120	2.2	20	T4	G8	80	3000	15,000	200	N	D
D E ■	465138	929001266825	3T3/PER/830/ND/G9/120V 6/1BC	120	3	25	T3	G9	80	3000	15,000	250	N	E
D E ■	534263	929001840835	3.6T3/PER/830/ND/G9/120V 6/1BC	120	3.6	40	T3	G9	80	3000	15,000	370	N	F
D E ■	463448	929001236903	1.2T5/SPC/830/ND/12V/BC/2PK 6/2	12	1.2	7	T5	Wedge	80	3000	15,000	120	N	G
D E ■	475418	929002389636	2T5/LED/830/ND/12V 6/2BC	12	2	18	T5	Wedge	80	3000	15,000	200	N	H
D ■	471946	929001357525	7.5R7S/PER/830/ND/120V 4/1BC	120	7.5	100	T3	Double end R7	80	3000	15,000	800	N	I
D ■	471952	929001373325	14R7S/PER/830/ND/120V 4/1BC	120	14	200	T3	Double end R7	80	3000	15,000	1500	N	J
D ■	462977	929001224603	BC0.5C7/LED/827/E12/ND 120V 2pk	120	0.5	7	C7	E12	80	2700	15,000	30	N	K

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

D = Damp location **E** = Suitable for enclosed fixtures ■ = Title 20 compliant







HID **replacement**

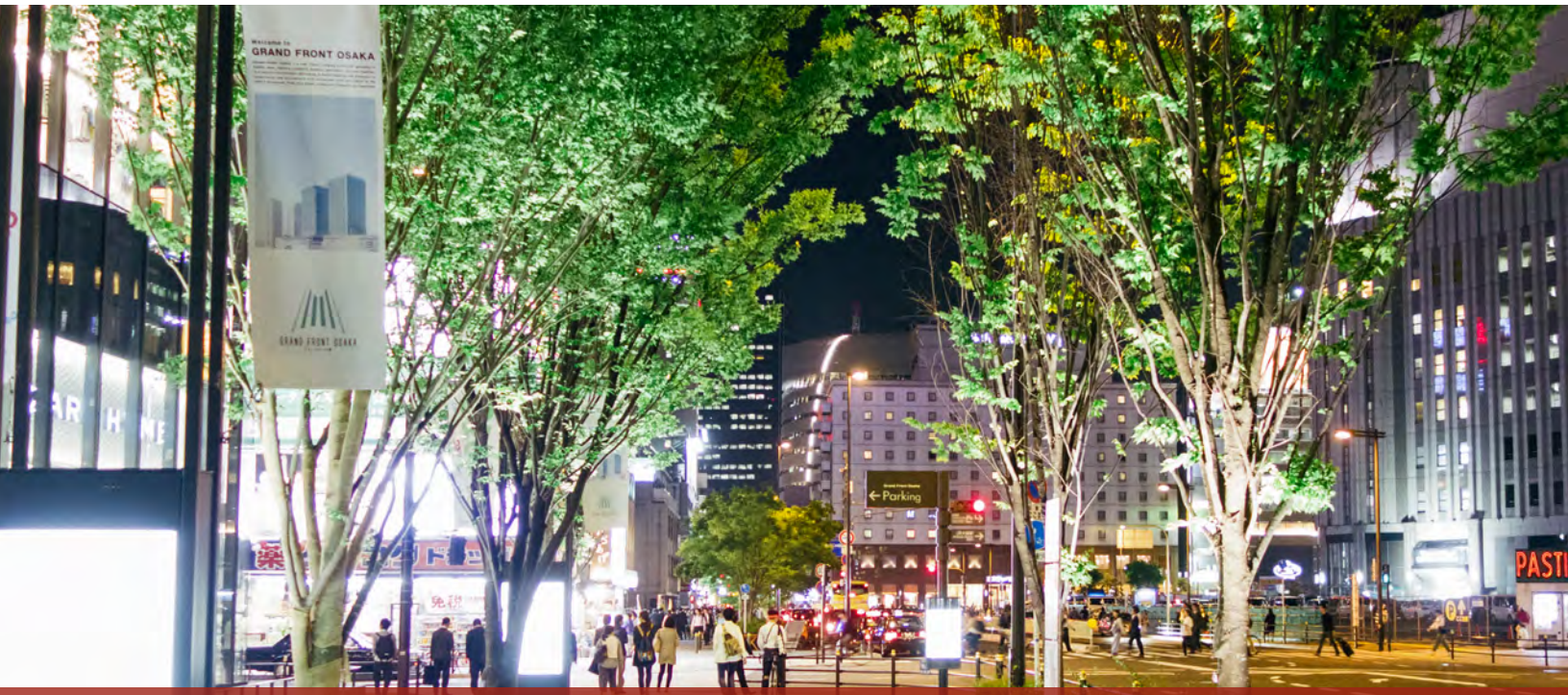
MasterClass and **CorePro**

Good things come in small packages

Offering the light output and dependability of HID with all the benefits of LED: Energy savings, longer life, improved lumen and color maintenance, instant on and superior surge protection.

Product features:

- Hassle-free installation for safer and faster adoption – no need to replace existing fixture
- Sustainability – low energy consumption
- Enhance comfort, safety and productivity
- Low heat dissipation – provide a cooler environment and reduce air-conditioning cost



Visit **philips.com/ledlamps** for the latest LED lamp data and literature

Upgrade your HID lighting to LED and benefit from **instant savings and low initial costs**

MasterClass TrueForce street and area

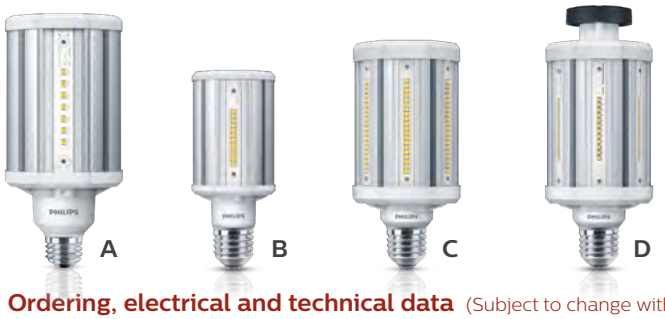
Now there is a cost-effective alternative that makes it easy to upgrade urban lighting to LED

Philips TrueForce ensures a perfect fit with existing modern and traditional luminaires. It's the simplest way to upgrade to LED while keeping your initial investment low.

Product features:

- Energy savings up to 75% when compared to traditional HID lamps
- Reliable lifetime up to 50,000 hours[1]
- Right lamp size and lighting distribution for direct retrofit with a peace of mind
- Direct LED replacement solution without changing the fixture
- Optically efficient, emits light towards usage direction
- Pleasant white light with CRI 70

MasterClass street and area



Ordering, electrical and technical data (Subject to change without notice)

E26 E39

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Beam Angle	DLC ID (Type A)[2]	Case Qty	Legend
MasterClass Street and Area - Type B													
47357-9	9290013962	26ED23.5/LED/730/ND 120-277V G2 4/1	120-277	26	E26	70	3000	50,000	3000	360	No Category	4	A
47358-7	9290013963	26ED23.5/LED/740/ND 120-277V G2 4/1	120-277	26	E26	70	4000	50,000	3000	360	No Category	4	A
47359-5	9290013964	26ED23.5/LED/727/ND 120-277V G2 4/1	120-277	26	E26	70	2700	50,000	2800	360	No Category	4	A
47605-1	9290018185	38ED28/LED/740/ND 120-277V G2 CT 4/1	120-277	38	E39	70	4000	50,000	5000	360	POUM7BRO	4	B
47604-4	9290018184	38ED28/LED/730/ND 120-277V G2 CT 4/1	120-277	38	E39	70	3000	50,000	5000	360	P16M93DF	4	B
47355-3	9290013960	38ED28/LED/727/ND 120-277V G2 CT 4/1	120-277	38	E26	70	2700	50,000	5000	360	PBQHDCLT	4	B
47361-1	9290013966	35ED23.5/LED/740/ND 120-277V G2 4/1	120-277	35	E39	70	4000	50,000	5000	360	KKLAFS	4	C
47360-3	9290013965	35ED23.5/LED/730/ND 120-277V G2 4/1	120-277	35	E39	70	3000	50,000	5000	360	KKLAFS	4	C
47362-9	9290013967	35ED23.5/LED/727/ND 120-277V G2 4/1	120-277	35	E39	70	2700	50,000	4800	360	KKLAFS	4	C
47364-5	9290013969	55ED28/LED/740/ND 120-277V G2 4/1	120-277	55	E39	70	4000	50,000	8000	360	P9AHPGGS	4	D
47363-7	9290013968	55ED28/LED/730/ND 120-277V G2 4/1	120-277	55	E39	70	3000	50,000	8000	360	PXM6WWPQ	4	D
47365-2	9290013970	55ED28/LED/727/ND 120-277V G2 4/1	120-277	55	E39	70	2700	50,000	8000	360	PVO6NVR7	4	D

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

MasterClass TrueForce high bay

Ideal for HPI/SON/HPL LED replacement in High Bay application

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in High Bay application. The solution gives you the LED benefits of energy efficiency and long-lifetime, plus they come with a low initial investment. With unique lamp design and compatibility, you have the choice of plug and play (Type A) or ballast bypass (Type B) lamps covering 250W to 400W HID replacements. Multiple beam angle options and high color rendering enhance the lighting distribution while creating a comfortable, safe and high productivity environment.

Product features:

- UL-Type B lamps are enclosed rated.
- Instant upgrade and easy to install — less time consuming and safer working at height
- Great payback (<2 years) and extended energy savings of 65% vs. existing conventional systems
- Low initial investment
- Available in either Plug-and-play (Type A) or ballast bypass (Type B)
- All missing DLC ID available upon launch

MasterClass LED high bay



UL-Type A



UL-Type B

Ordering, electrical and technical data (Subject to change without notice)

EX39

Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Beam Angle	DLC ID (Type A)[2]	Case Qty	Pallet Qty
MasterClass High Bay - Type A (ballast compatible)														
46560-9	9290012648	165HB/LED/740/ND NB DL 2/1	Ballast Based	165	400	EX39	70	4000	50,000	20,000	60	No DLC	2	64
46562-5	9290012650	165HB/LED/740/ND WB DL 2/1	Ballast Based	165	400	EX39	70	4000	50,000	20,000	120	No DLC	2	64
46565-8	9290012653	165HB/LED/840/ND NB UDL 2/1	Ballast Based	165	400	EX39	80	4000	50,000	19,000	60	No DLC	2	64
46567-4	9290012655	165HB/LED/840/ND WB UDL 2/1	Ballast Based	165	400	EX39	80	4000	50,000	19,000	120	No DLC	2	64
MasterClass High Bay HB - Type B (ballast bypass)														
Ⓔ 55723-1	9290022826	145HB/LED/840/ND NB DL BB 4/1	120-277	145	250	EX39	80	4000	50000	20,000	60	PWO9KPC0	4	48
Ⓔ 55726-4	9290022828	145HB/LED/840/ND WB UDL BB 4/1	120-277	145	250	EX39	80	4000	50000	20,000	120	PXXPFOBO	4	48
Ⓔ 55725-6	9290022829	145HB/LED/850/ND NB DL BB 4/1	120-277	145	250	EX39	80	5000	50000	20,000	60	PXXPFOBO	4	48
Ⓔ 55728-0	9290022831	145HB/LED/850/ND WB UDL BB 4/1	120-277	145	250	EX39	80	5000	50000	20,000	120	P5STHB25	4	48
Ⓔ 55729-8	9290022832	165HB/LED/840/ND NB DL BB 4/1	120-277	165	400	EX39	80	4000	50000	25,000	60	PQI2GZU1	4	48
Ⓔ 55731-4	9290022834	165HB/LED/840/ND WB UDL BB 4/1	120-277	165	400	EX39	80	4000	50000	25,000	120	P6KY4BMN	4	48
Ⓔ 55732-2	9290022835	165HB/LED/850/ND NB DL BB 4/1	120-277	165	400	EX39	80	5000	50000	25,000	60	PGN3YO87	4	48
Ⓔ 55734-8	9290022837	165HB/LED/850/ND WB UDL BB 4/1	120-277	165	400	EX39	80	5000	50000	25,000	120	PO7VGBJZ	4	48

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

Ⓔ = Suitable for enclosed fixtures

CorePro high bay

CorePro high bay type B



Ordering, electrical and technical data (Subject to change without notice)

E26 EX39

Product Number	Model Number	Description	Volts (V)	Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	Beam Angle	Case Qty	Pallet Qty	Legend
MasterClass Street and Area - Type B													
54191-2	929001989604	25HB/LED/830/ND FB 6/1	120	25	E26	80	3000	25,000	2650	200	6	264	A
54192-0	929001989704	38HB/LED/830/ND FB 6/1	120	38	E26	80	3000	25,000	3500	200	6	144	B
54193-8	929001989804	45HB/LED/830/ND FB 6/1	120	45	E26	80	3000	25,000	4500	200	6	108	C
54195-0	929001990004	25HB/LED/850/ND FB 6/1	120	25	E26	80	5000	25,000	2800	200	6	264	A
54196-0	929001990104	38HB/LED/850/ND FB 6/1	120	38	E26	80	5000	25,000	3800	200	6	144	B
54197-8	929001990204	45HB/LED/850/ND FB 6/1	120	45	E26	80	5000	25,000	4800	200	6	108	C
54306-6	929001999104	25HB/LED/840/ND FB 6/1	120	25	E26	80	4000	25,000	2800	200	6	264	A
54307-4	929001999204	38HB/LED/840/ND FB 6/1	120	38	E26	80	4000	25,000	3800	200	6	144	B
54308-2	929001999304	45HB/LED/840/ND FB 6/1	120	45	E26	80	4000	25,000	4800	200	6	108	C
54229-0	929001990304	65HB/LED/850/ND FB 4/1	120-277	65	EX39	80	5000	25,000	7000	240	4	192	D
54231-6	929001990504	75HB/LED/850/ND FB 4/1	120-277	75	EX39	80	5000	25,000	8500	240	4	192	D
54230-8	929001993004	65HB/LED/840/ND FB 4/1	120-277	65	EX39	80	4000	25,000	7000	240	4	192	D
54232-4	929001993104	75HB/LED/840/ND FB 4/1	120-277	75	EX39	80	4000	25,000	8500	240	4	192	D

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).





MasterClass TrueForce Corn Cob lamps

The "perfect fit" with uncompromising efficacy & color quality

Philips MasterClass High Lumen Corn Cob lamps offer market leading HID replacements in a new, smaller size. Each lamp is specifically designed to meet the **ANSI** profiles of the traditional lamps they are replacing, delivering the ideal LED upgrade solution.

Product benefits:

- Up to 70% energy savings[1]
- Delivers up to 400W replacements
- Long life lowers maintenance costs by reducing re-lamp frequency
- UL Type B lamps allow installer to bypass the ballast and reduce maintenance costs
- Sized to fit within industry standard ANSI measurements
- Includes additional safety cable for secure installation

Product features:

- Suitable for both enclosed and open fixtures
- Operational temperature range of -20°C to 55°C
- CRI 80 lamps enable both indoor and outdoor applications where color quality matters
- UL damp rated (UL1993 + UL1598C)
- Active Cooling thermal system
- Built in 8KV surge protection
- Available in both 4000K and 5000K color temperatures (CCT)
- 5-year limited warranty[2]

1. LED system watts of 35 compared to 130 of a C100S54/ALTO.
2. Visit signify.com/warranties for details.

MasterClass TrueForce Corn Cob lamps



A B C

Ordering, electrical and technical data (Subject to change without notice)

EX39

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	DLC ID (Type A)[2]	Case Qty	Pallet Qty	Legend
	CorePro Corn Cob lamps														
D E	559849	929002397304	80CC/LED/840/ND EX39 G2 BB 3/1	120-277	80	250	EX39	80	4000	50000	12000	PQUK9KNG	3	510	A
D E	559856	929002397404	80CC/LED/850/ND EX39 G2 BB 3/1	120-277	80	250	EX39	80	5000	50000	12000	PL1E7B7T	3	510	A
D E	559864	929002397504	115CC/LED/840/ND EX39 G2 BB 3/1	120-277	115	320	EX39	80	4000	50000	18000	P1Y57QHX	3	510	B
D E	559872	929002397604	115CC/LED/850/ND EX39 G2 BB 3/1	120-277	115	320	EX39	80	5000	50000	18000	P2DSB5MY	3	384	B
D E	559880	929002397704	150CC/LED/840/ND EX39 G2 BB 3/1	120-277	150	400	EX39	80	4000	50000	24000	PSM9Q4F2	3	384	C
D E	559898	929002397804	150CC/LED/850/ND EX39 G2 BB 3/1	120-277	150	400	EX39	80	5000	50000	24000	PG629QXJ	3	384	C

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

D = Damp location **E** = Suitable for enclosed fixtures

CorePro Corn Cob lamps

Maximize energy savings at an affordable price

Philips CorePro LED Corn Cob high lumen lamps replace conventional metal halide & high pressure sodium lamps, making it hassle-free to retrofit and maximize efficiency. These omni-directional ballast-bypass lamps offer an ideal & affordable way to upgrade existing HID fixtures to the latest LED technology.

Product features:

- Up to 70% energy savings[1]
- Long life lowers maintenance costs by reducing re-lamp frequency
- Type B lamps allow installer to bypass the ballast and reduce maintenance costs
- Offered in both mogul based and medium based options
- Suitable for both enclosed and open fixtures
- Mogul based lamps are DLC rated
- UL damp rated (UL1993 + UL1598C)
- All are Type B - Ballast bypass
- Built-in surge protection[2]
- Passive cooling
- Available in 3 color temperatures (CCT): 2700K, 3000K or 4000K
- Universal burn for 27W, 36W, 54W & 63W. Base up/base down operation for 100W/120W.
- 5-year limited warranty depending upon operating hours[3]

CorePro Corn Cob lamps



1. LED system watts of 35 compared to 130 of a C100S54/ALTO.
2. 4kV surge protection for 63W and below, 6kV surge protection for 100W, 120W.
3. Visit signify.com/warranties for details.

Ordering, electrical and technical data (Subject to change without notice)

E26 EX39

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	DLC ID (Type A)[2]	Legend
	CorePro Corn Cob lamps												
D E	559633	929002395204	18CC/LED/830/ND E26 G2 BB 6/1	120-277	18	50	E26	80	3000	50000	2300	No Category	A
D E	559641	929002395304	18CC/LED/840/ND E26 G2 BB 6/1	120-277	18	50	E26	80	4000	50000	2400	No Category	A
D E	559658	929002395404	18CC/LED/850/ND E26 G2 BB 6/1	120-277	18	50	E26	80	5000	50000	2500	No Category	A
D E	559666	929002395504	27CC/LED/830/ND E26 G2 BB 6/1	120-277	27	70	E26	80	3000	50000	3500	No Category	B
D E	559674	929002395604	27CC/LED/840/ND E26 G2 BB 6/1	120-277	27	70	E26	80	4000	50000	3700	No Category	B
D E	559682	929002395704	27CC/LED/850/ND E26 G2 BB 6/1	120-277	27	70	E26	80	5000	50000	3800	No Category	B
D E	559690	929002395804	36CC/LED/830/ND E26 G2 BB 6/1	120-277	36	100	E26	80	3000	50000	5000	No Category	C
D E	559724	929002396104	36CC/LED/830/ND EX39 G2 BB 6/1	120-277	36	100	EX39	80	3000	50000	5000	PLIC6G1IGCEL	C
D E	559708	929002395904	36CC/LED/840/ND E26 G2 BB 6/1	120-277	36	100	E26	80	4000	50000	5200	No Category	C
D E	559732	929002396204	36CC/LED/840/ND EX39 G2 BB 6/1	120-277	36	100	EX39	80	4000	50000	5200	PLYOMFKAHJRR	C
D E	559716	929002396004	36CC/LED/850/ND E26 G2 BB 6/1	120-277	36	100	E26	80	5000	50000	5400	No Category	C
D E	559740	929002396304	36CC/LED/850/ND EX39 G2 BB 6/1	120-277	36	100	EX39	80	5000	50000	5400	PL6P3JOF9RV8	C
D E	559757	929002396404	45CC/LED/830/ND EX39 G2 BB 6/1	120-277	45	150	EX39	80	3000	50000	6200	PLVTV3KUSF8I	F
D E	559765	929002396504	45CC/LED/840/ND EX39 G2 BB 6/1	120-277	45	150	EX39	80	4000	50000	6500	PLOLK3G2A4RT	D
D E	559773	929002396604	45CC/LED/850/ND EX39 G2 BB 6/1	120-277	45	150	EX39	80	5000	50000	6700	PLCSCBE5FQYY	D
D E	559781	929002396704	54CC/LED/830/ND EX39 G2 BB 6/1	120-277	54	150	EX39	80	3000	50000	7500	PLUBCG4KD6HX	E
D E	559799	929002396804	54CC/LED/840/ND EX39 G2 BB 6/1	120-277	54	150	EX39	80	4000	50000	7800	PLQQDHYERYIK	E
D E	559807	929002396904	54CC/LED/850/ND EX39 G2 BB 6/1	120-277	54	150	EX39	80	5000	50000	8000	PL0WQE0EUETN	E
D E	559815	929002397004	63CC/LED/830/ND EX39 G2 BB 6/1	120-277	63	175	EX39	80	3000	50000	8600	PLGURTP6CBD7	F
D E	559823	929002397104	63CC/LED/840/ND EX39 G2 BB 6/1	120-277	63	175	EX39	80	4000	50000	9000	PL4SHHFFO3O3	F
D E	559831	929002397204	63CC/LED/850/ND EX39 G2 BB 6/1	120-277	63	175	EX39	80	5000	50000	9200	PLNVP9A4RRM9	F

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

D = Damp location **E** = Suitable for enclosed fixtures

CorePro Wall Pack lamps

Ideal and easy upgrade from Wall packs to LED lamps with optimal light distribution

Our new, Philips CorePro LED Wall Pack lamps replace conventional metal halide and high pressure sodium lamps, making it hassle-free to retrofit and maximize efficiency.

Flat panel design with directional LED array delivers more dedicated light distribution and intensity versus general Corn Cob lamps. Rotatable screw base allows adjustable orientation, ensuring light output to be directed exactly where it is needed. Designed to fit fixtures in most relevant applications, these ballast-bypass lamps offer an ideal and affordable way to upgrade existing HID fixtures to the latest LED technology.

Product benefits:

- Passive Cooling lamps eliminate fan noise and reduces moving parts which require additional maintenance over time
- Up to 70% energy savings[1]
- UL Type B solution allows installer to bypass the ballast and reduce maintenance costs

Product features:

- Offered in both mogul-based and medium-based options
- Wide ambient temperature operating range from -30°C to 55°C
- Mogul-based lamps are DLC rated
- UL damp rated (UL1993 + UL1598C)
- Built in surge protection
- Available in 3000K, 4000K and 5000K color temps (CCT)
- Flat panel design
- Suitable for both enclosed and open fixtures
- 5-year limited warranty[2]

1. Depending upon operating hours.
2. Visit signify.com/warranties for details.

CorePro Wall Pack lamps



A B C

Ordering, electrical and technical data (Subject to change without notice)

EX39

	Product Number	Model Number	Description	Volts (V)	Watts (W)	Repl. Watts (W)	Base	CRI (min)	CCT (K)	Life[1] (hrs)	Lumens (lm)	DLC ID (Type A)[2]	Case Qty	Pallet Qty	Legend
	CorePro Corn Cob lamps														
D E	559906	929002397904	20WP/LED/830/ND E26 G2 BB 6/1	100-277	20	70-100	E26	80	3000	50,000	2800	No Category	6	510	A
D E	559914	929002398004	20WP/LED/840/ND E26 G2 BB 6/1	100-277	20	70-100	E26	80	4000	50,000	2900	No Category	6	510	A
D E	559922	929002398104	20WP/LED/850/ND E26 G2 BB 6/1	100-277	20	70-100	E26	80	5000	50,000	3000	No Category	6	510	A
D E	559930	929002398204	40WP/LED/840/ND EX39 G2 BB 6/1	100-277	40	100-175	EX39	80	4000	50,000	5800	PL9BSOOTPUAT	6	384	B
D E	559948	929002398304	40WP/LED/850/ND EX39 G2 BB 6/1	100-277	40	100-175	EX39	80	5000	50,000	6000	PLM8Z3C8U989	6	384	B
D E	559962	929002398404	60WP/LED/840/ND EX39 G2 BB 6/1	100-277	60	175-250	EX39	80	4000	50,000	8700	PLWWVPLLKCQR	6	384	C
D E	559954	929002398504	60WP/LED/850/ND EX39 G2 BB 6/1	100-277	60	175-250	EX39	80	5000	50,000	9000	PLRH34S8B0P0	6	384	C

1. Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).
2. Lamp may also be DLC certified as a Type C system. Search DLC by model number QPL for more information.

D = Damp location **E** = Suitable for enclosed fixtures







LED lamps



© 2020 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

PLt-1443BR 12/20 philips.com/LEDlamps

Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.