



PowerBalance gen2 – sustainable performance

PowerBalance gen2

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability provided the investment pays back. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance gen2 is Philips' most energy-efficient office-norm-compliant LED luminaire. It more than halves energy costs compared to a T5 solution, and the light source has a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market. The gen2 architecture enables a range of highly versatile modular and semi-modular luminaires. These luminaires can be easily mounted in ceilings with exposed T-bar and concealed T-bar, as well as plaster ceilings and bandraaster-type ceilings. PowerBalance is also available in a surface-mounted version.

Benefits

- Extremely efficient office-norm-compliant LED luminaire
- Good-quality lighting solution for direct replacement of T5 luminaires in most indoor applications
- Significantly reduces operational costs, resulting in an attractive payback time

Features

- Variety of mounting options
- Advanced LED technology
- Available in different shapes and sizes
- Office-norm-compliant

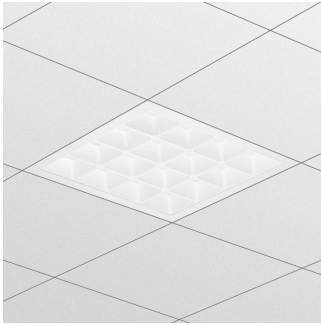
Application

- Offices
- Other indoor applications

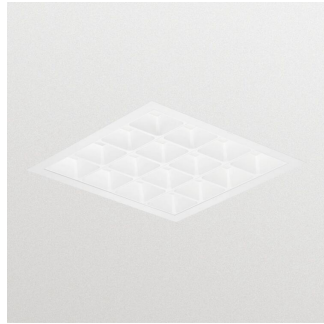
Warnings and Safety

- The product is IP20 and, as such, is not protected against water ingress. Therefore we strongly recommend that the environment in which the luminaire is to be installed should be suitably checked
- If the advice above is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void

Versions

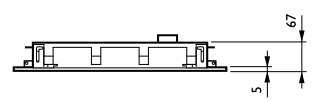
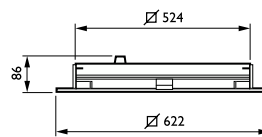
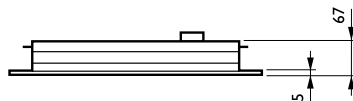
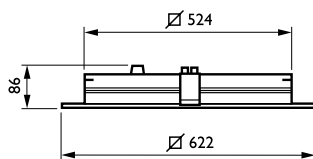
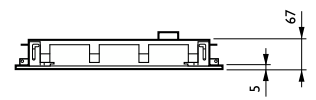
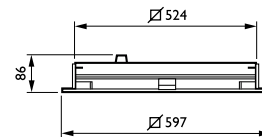
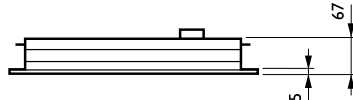
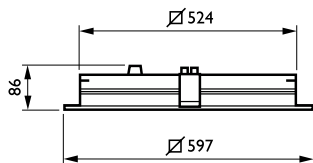


IPPR RC460Bi 0025

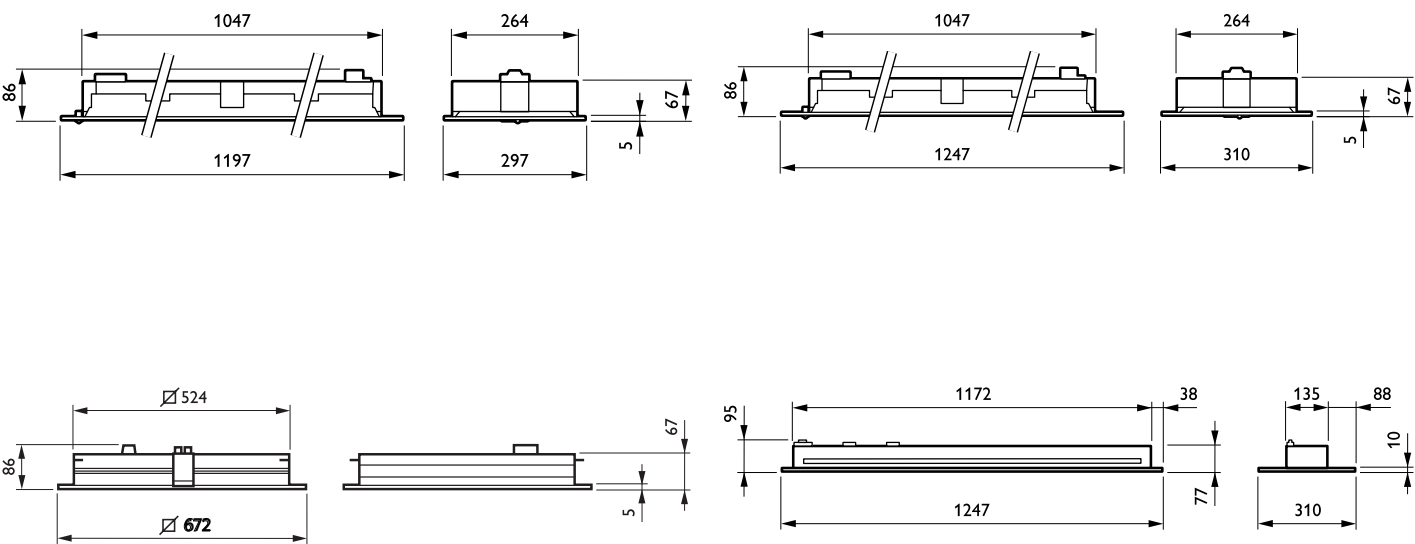


IPPR_RC460Bi_0043-Product photo

Dimensional drawing



Dimensional drawing



Product details



IPDP_RC460Bi_0153-Detail photo



IPDP_RC460Bi_0039-Detail photo

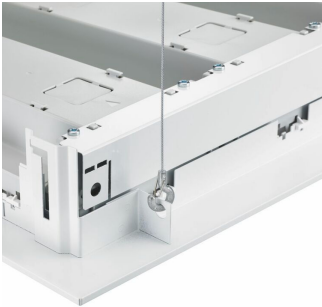


IPDP_RC460Bi_0041-Detail photo



IPDP_RC460Bi_0043-Detail photo

Product details



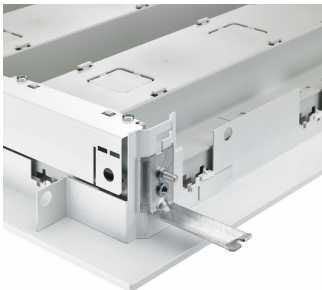
IPDP_RC460Bi_0045-Detail photo



IPDP_RC460Bi_0047-Detail photo



IPDP_RC460Bi_0049-Detail photo



IPDP_RC460Bi_0051-Detail photo



IPDP_RC460Bi_0053-Detail photo



IPDP_RC460Bi_0054-Detail photo



IPDP_RC460Bi_0055-Detail photo



IPDP_RC460Bi_0073-Detail photo

Product details

IPDP_RC460Bi_0081-Detail photo



IPDP_RC460Bi_0103-Detail photo



General Information

CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Gear	-
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Beam angle of light source	120 degree(s)
Optic type	Wide beam office compliant
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	+10 to +40 °C
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Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class I
Mech. impact protection code	IK02
Ingress protection code	IP20/40

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Application Conditions

Maximum dim level	1%
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General Information (1/2)

Order Code	Full Product Name	Glow-wire test	Lamp family code	Embedded control	Product family code
96471900	RC461B LED34S/940 PSD W60L60 CPC W	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96477100	RC463B LED34S/940 PSD W62L62 CPC W	Temperature 650 °C, duration 30 s	LED34S	-	RC463B
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96457300	RC463B LED28S/940 PSD W62L62 VPC W	Temperature 650 °C, duration 30 s	LED28S	-	RC463B
96465800	RC463B LED34S/940 PSD W62L62 VPC W	Temperature 650 °C, duration 30 s	LED34S	-	RC463B
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	Temperature 650 °C, duration 30 s	LED40S	-	RC463B
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC468B
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC468B
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	Temperature 650 °C, duration 30 s	-	-	RC463B
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	Temperature 650 °C, duration 30 s	-	-	RC468B
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	Temperature 650 °C, duration 30 s	-	-	RC463B
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	Temperature 650 °C, duration 30 s	-	-	RC468B
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96455900	RC461B LED40S/940 PSD W60L60 VPC W	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	Temperature 850 °C, duration 30 s	LED40S	-	RC461B
96462700	RC461B LED34S/940 PSD W60L60 VPC W	Temperature 650 °C, duration 30 s	LED34S	-	RC461B

Order Code	Full Product Name	Glow-wire test	Lamp family code	Embedded control	Product family code
96467200	RC461B LED40S/930 PSD W60L60 VPC W	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC461B
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC461B
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	Temperature 650 °C, duration 30 s	-	-	RC461B
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC461B
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	Temperature 650 °C, duration 30 s	-	-	RC461B
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	Temperature 650 °C, duration 30 s	-	-	RC461B
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	Temperature 650 °C, duration 30 s	-	-	RC461B
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	Temperature 650 °C, duration 30 s	-	Upgradable sensor slot with SNS210 sensor	RC461B
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	Temperature 650 °C, duration 30 s	LED40S	-	RC463B
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	Temperature 650 °C, duration 30 s	-	-	RC463B
96438200	RC461B LED34S/940 PSD W30L120 VPC W	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96444300	RC461B LED40S/940 PSD W30L120 VPC W	Temperature 650 °C, duration 30 s	LED40S	-	RC461B
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	Temperature 650 °C, duration 30 s	LED34S	-	RC461B
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC461B

Order Code	Full Product Name	Glow-wire test	Lamp family code	Embedded control	Product family code
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	Temperature 650 °C, duration 30 s	-	-	RC461B
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	Temperature 650 °C, duration 30 s	-	-	RC461B
97990400	RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	Temperature 650 °C, duration 30 s	-	-	RC461B
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	Temperature 650 °C, duration 30 s	-	-	RC461B
97996600	RC461B LED28S/BU840 PSD W30L120 PCVPIPSC	Temperature 650 °C, duration 30 s	-	-	RC461B

General Information (2/2)

Order Code	Full Product Name	Service tag	Order Code	Full Product Name	Service tag
96471900	RC461B LED34S/940 PSD W60L60 CPC W	Yes	96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	Yes
96477100	RC463B LED34S/940 PSD W62L62 CPC W	Yes	00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	Yes
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	Yes	97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	-
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	Yes	97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	-
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	Yes	98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	-
96457300	RC463B LED28S/940 PSD W62L62 VPC W	Yes	98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	-
96465800	RC463B LED34S/940 PSD W62L62 VPC W	Yes	98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	-
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	Yes	98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	-
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	Yes	10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	-
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	Yes	96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	Yes
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	Yes	96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	Yes
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	-	97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	-
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	-	97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	-
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	-	97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	-
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	-	97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	-
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	-	96438200	RC461B LED34S/940 PSD W30L120 VPC W	Yes
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	-	96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	Yes
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	-	96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	Yes
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	-	96444300	RC461B LED40S/940 PSD W30L120 VPC W	Yes
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	Yes	96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	Yes
96455900	RC461B LED40S/940 PSD W60L60 VPC W	Yes	97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	-
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	Yes	97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	-
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	Yes	97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	-
96462700	RC461B LED34S/940 PSD W60L60 VPC W	Yes	97990400	RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	-
96467200	RC461B LED40S/930 PSD W60L60 VPC W	Yes	97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	-
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	Yes	97996600	RC461B LED28S/BU840 PSD W30L120 PCVPIPSC	-
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	Yes			

Light Technical (1/2)

Order Code	Full Product Name	Correlated Color	Optical cover type	Color rendering index	Luminous Efficacy
		Temperature (Nom)		(CRI)	(rated) (Nom)
96471900	RC461B LED34S/940 PSD W60L60 CPC W	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96477100	RC463B LED34S/940 PSD W62L62 CPC W	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	3000 K	-	≥90	133 lm/W
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	3000 K	-	≥90	136 lm/W
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96457300	RC463B LED28S/940 PSD W62L62 VPC W	4000 K	Polycarbonate bowl/cover	≥90	147 lm/W
96465800	RC463B LED34S/940 PSD W62L62 VPC W	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	4000 K	-	≥90	147 lm/W
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	4000 K	-	≥90	139 lm/W
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	3000 K	-	≥90	137 lm/W
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W

Order Code	Full Product Name	Correlated Color	Optical cover type	Color rendering index	Luminous Efficacy
		Temperature (Nom)		(CRI)	(rated) (Nom)
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
98004700	RC463B LED28S/ BU840 PSD W62L62 VPC PIP	4000 K	-	≥80	122 lm/W
98005400	RC468B LED28S/ BU840 PSD W67L67 VPC PIP	4000 K	-	≥80	122 lm/W
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	Tunable white 2700-6500 K	-	≥90	130 lm/W
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	Tunable white 2700-6500 K	-	≥90	130 lm/W
98012200	RC463B LED40S/ BU840 PSD W62L62 CPC W	4000 K	-	≥80	119 lm/W
98013900	RC468B LED40S/ BU840 PSD W67L67 VPC W	4000 K	-	≥80	119 lm/W
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96455900	RC461B LED40S/940 PSD W60L60 VPC W	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96462700	RC461B LED34S/940	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
	PSD W60L60 VPC W				
96467200	RC461B LED40S/930 PSD W60L60 VPC W	3000 K	Polycarbonate bowl/cover	≥90	136 lm/W
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	3000 K	Polycarbonate bowl/cover	≥90	133 lm/W
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	3000 K	-	≥90	136 lm/W
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	Tunable white 2700-6500 K	-	≥90	130 lm/W
98002300	RC461B LED28S/ BU840 PSD W60L60 VPC PIP	4000 K	-	≥80	122 lm/W
98003000	RC461B LED28S/ BU840 PSD W60L60 VPC PIPSC	4000 K	-	≥80	122 lm/W
98010800	RC461B LED40S/ BU840 PSD W60L60 PCV W	4000 K	-	≥80	119 lm/W
98011500	RC461B LED40S/ BU840 PSD	4000 K	-	≥80	119 lm/W

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Optical cover type	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
	W60L60 PCV W SC				
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	4000 K	-	≥90	143 lm/W
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
97991100	RC463B LED28S/ BU840 PSD W31L125 VPC PIP	4000 K	-	≥80	122 lm/W
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
97997300	RC463B LED28S/ BU840 PSD W31L125 CPC PIP	4000 K	-	≥80	122 lm/W
96438200	RC461B LED34S/940 PSD W30L120 VPC W	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	3000 K	Polycarbonate bowl/cover	≥90	133 lm/W
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	4000 K	Polycarbonate bowl/cover	≥90	143 lm/W
96444300	RC461B LED40S/940 PSD W30L120 VPC W	4000 K	Polycarbonate bowl/cover	≥90	128 lm/W

PowerBalance gen2

Order Code	Full Product Name	Correlated Color	Optical cover type	Color rendering index	Luminous Efficacy (rated)
		Temperature (Nom)		(CRI)	(Nom)
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	4000 K	Polycarbonate bowl/cover	≥90	139 lm/W
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	Tunable white 2700-6500 K	-	≥90	130 lm/W
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	Tunable white 2700-6500 K	-	≥90	130 lm/W
97989800	RC461B LED28S/BU840 PSD	4000 K	-	≥80	122 lm/W

Order Code	Full Product Name	Correlated Color	Optical cover type	Color rendering index	Luminous Efficacy (rated)
		Temperature (Nom)		(CRI)	(Nom)
	W30L120 VPC PIP				
97990400	RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	4000 K	-	≥80	122 lm/W
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	4000 K	-	≥80	122 lm/W
97996600	RC461B LED28S/BU840 PSD W30L120 PCVPIPSC	4000 K	-	≥80	122 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Number of	
			light sources	
96471900	RC461B LED34S/940 PSD W60L60 CPC W	3,400 lm	1	
96477100	RC463B LED34S/940 PSD W62L62 CPC W	3,400 lm	1	
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	3,400 lm	-	
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	4,000 lm	-	
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	3,400 lm	1	
96457300	RC463B LED28S/940 PSD W62L62 VPC W	2,800 lm	1	
96465800	RC463B LED34S/940 PSD W62L62 VPC W	3,400 lm	1	
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	4,000 lm	1	
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	2,800 lm	-	
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	3,400 lm	-	
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	2,800 lm	-	
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	7,700 lm	-	
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	7,700 lm	-	
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	2,800 lm	-	
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	2,800 lm	-	
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	7,700 lm	-	
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	7,700 lm	-	
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	4,000 lm	-	
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	4,000 lm	-	
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	3,400 lm	1	
96455900	RC461B LED40S/940 PSD W60L60 VPC W	4,000 lm	1	
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	4,000 lm	1	

Order Code	Full Product Name	Luminous Flux	Number of	
			light sources	
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	4,000 lm	1	
96462700	RC461B LED34S/940 PSD W60L60 VPC W	3,400 lm	1	
96467200	RC461B LED40S/930 PSD W60L60 VPC W	4,000 lm	1	
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	4,000 lm	1	
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	3,400 lm	1	
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	3,400 lm	1	
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	4,000 lm	-	
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	7,700 lm	-	
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	7,700 lm	-	
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	2,800 lm	-	
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	2,800 lm	-	
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	4,000 lm	-	
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	4,000 lm	-	
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	7,700 lm	-	
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	4,000 lm	1	

PowerBalance gen2

Order Code	Full Product Name	Luminous Flux	Number of light sources
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	4,000 lm	-
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	7,700 lm	-
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	2,800 lm	-
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	7,700 lm	-
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	2,800 lm	-
96438200	RC461B LED34S/940 PSD W30L120 VPC W	3,400 lm	1
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	3,400 lm	1
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	4,000 lm	1

Order Code	Full Product Name	Luminous Flux	Number of light sources
96444300	RC461B LED40S/940 PSD W30L120 VPC W	4,000 lm	1
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	3,400 lm	1
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	7,700 lm	-
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	7,700 lm	-
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	2,800 lm	-
97990400	RC461B LED28S/BU840 PSD W30L120 VPC PIPSC	2,800 lm	-
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	2,800 lm	-
97996600	RC461B LED28S/BU840 PSD W30L120 PCV PIPSC	2,800 lm	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
96471900	RC461B LED34S/940 PSD W60L60 CPC W	24 W
96477100	RC463B LED34S/940 PSD W62L62 CPC W	24 W
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	25.5 W
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	29.5 W
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	24 W
96457300	RC463B LED28S/940 PSD W62L62 VPC W	19 W
96465800	RC463B LED34S/940 PSD W62L62 VPC W	24 W
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	28 W
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	19 W
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	24 W
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	20.5 W
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	64 W
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	64 W
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	23 W
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	23 W
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	64 W
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	64 W
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	33.5 W
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	33.5 W
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	24 W
96455900	RC461B LED40S/940 PSD W60L60 VPC W	28 W
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	28 W
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	28 W
96462700	RC461B LED34S/940 PSD W60L60 VPC W	24 W
96467200	RC461B LED40S/930 PSD W60L60 VPC W	29.5 W
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	28 W
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	25.5 W

Order Code	Full Product Name	Power Consumption
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	24 W
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	29.5 W
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	64 W
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	64 W
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	23 W
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	23 W
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	33.5 W
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	33.5 W
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	64 W
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	28 W
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	28 W
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	64 W
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	23 W
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	64 W
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	23 W
96438200	RC461B LED34S/940 PSD W30L120 VPC W	24 W
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	25.5 W
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	28 W
96444300	RC461B LED40S/940 PSD W30L120 VPC W	28 W
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	24 W
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	64 W
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	64 W
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	23 W
97990400	RC461B LED28S/BU840 PSD W30L120 VPC PIPSC	23 W
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	23 W
97996600	RC461B LED28S/BU840 PSD W30L120 PCV PIPSC	23 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
96471900	RC461B LED34S/940 PSD W60L60 CPC W	Yes
96477100	RC463B LED34S/940 PSD W62L62 CPC W	Yes
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	Yes
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	Yes
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	Yes
96457300	RC463B LED28S/940 PSD W62L62 VPC W	Yes
96465800	RC463B LED34S/940 PSD W62L62 VPC W	Yes
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	Yes
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	Yes
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	Yes
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	Yes
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	Yes
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	Yes
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	Yes
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	Yes
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	Yes
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	Yes
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	Yes
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	Yes
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	Yes
96455900	RC461B LED40S/940 PSD W60L60 VPC W	Yes
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	Yes
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	Yes
96462700	RC461B LED34S/940 PSD W60L60 VPC W	Yes
96467200	RC461B LED40S/930 PSD W60L60 VPC W	Yes
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	Yes
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	No

Order Code	Full Product Name	Dimmable
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	Yes
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	Yes
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	Yes
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	Yes
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	Yes
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	Yes
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	Yes
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	Yes
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	Yes
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	Yes
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	Yes
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	Yes
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	Yes
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	Yes
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	Yes
96438200	RC461B LED34S/940 PSD W30L120 VPC W	Yes
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	Yes
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	Yes
96444300	RC461B LED40S/940 PSD W30L120 VPC W	Yes
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	Yes
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	Yes
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	Yes
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	Yes
97990400	RC461B LED28S/BU840 PSD W30L120 VPC PIPSC	Yes
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	Yes
97996600	RC461B LED28S/BU840 PSD W30L120 PCV PIPSC	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
96471900	RC461B LED34S/940 PSD W60L60 CPC W	(0.38, 0.38) SDCM <3
96477100	RC463B LED34S/940 PSD W62L62 CPC W	(0.38, 0.38) SDCM <3
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	(0.38, 0.38) SDCM <3
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	(0.38, 0.38) SDCM <3
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	(0.38, 0.38) SDCM <3
96457300	RC463B LED28S/940 PSD W62L62 VPC W	(0.38, 0.38) SDCM <3
96465800	RC463B LED34S/940 PSD W62L62 VPC W	(0.38, 0.38) SDCM <3
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	(0.38, 0.38) SDCM <3
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	(0.38, 0.38) SDCM <3
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	(0.38, 0.38) SDCM <3
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	(0.38, 0.38) SDCM <3
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	(0.38, 0.38) SDCM <3
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	(0.38, 0.38) SDCM <3
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	(0.38, 0.38) SDCM <3
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	(0.38, 0.38) SDCM <3
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	(0.38, 0.38) SDCM <3
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	(0.38, 0.38) SDCM <3
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	(0.38, 0.38) SDCM <3
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	(0.38, 0.38) SDCM <3
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	(0.38, 0.38) SDCM <3
96455900	RC461B LED40S/940 PSD W60L60 VPC W	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	(0.38, 0.38) SDCM <3
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	(0.38, 0.38) SDCM <3
96462700	RC461B LED34S/940 PSD W60L60 VPC W	(0.38, 0.38) SDCM <3
96467200	RC461B LED40S/930 PSD W60L60 VPC W	(0.38, 0.38) SDCM <3
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	(0.38, 0.38) SDCM <3
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	(0.38, 0.38) SDCM <3
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	(0.38, 0.38) SDCM <3
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	(0.38, 0.38) SDCM <3
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	(0.38, 0.38) SDCM <3
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	(0.38, 0.38) SDCM <3
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	(0.38, 0.38) SDCM <3
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	(0.38, 0.38) SDCM <3
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	(0.38, 0.38) SDCM <3
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	(0.38, 0.38) SDCM <3
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	Tunable, SDCM <3
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	(0.38, 0.38) SDCM <3
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	(0.38, 0.38) SDCM <3
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	(0.38, 0.38) SDCM <3
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	(0.38, 0.38) SDCM <3
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	(0.38, 0.38) SDCM <3
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
96438200	RC461B LED34S/940 PSD W30L120 VPC W	(0.38, 0.38) SDCM <3
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	(0.38, 0.38) SDCM <3
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	(0.38, 0.38) SDCM <3
96444300	RC461B LED40S/940 PSD W30L120 VPC W	(0.38, 0.38) SDCM <3
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	(0.38, 0.38) SDCM <3
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	(0.38, 0.38) SDCM <3
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	(0.38, 0.38) SDCM <3
97990400	RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	(0.38, 0.38) SDCM <3
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	(0.38, 0.38) SDCM <3
97996600	RC461B LED28S/BU840 PSD W30L120 PCVPIPSC	(0.38, 0.38) SDCM <3

Application Conditions

Order Code	Full Product Name	Suitable for random switching
96471900	RC461B LED34S/940 PSD W60L60 CPC W	No
96477100	RC463B LED34S/940 PSD W62L62 CPC W	No
96677500	RC463B LED34S/930 PSD W62L62 CPC PIP	No
96678200	RC463B LED40S/930 PSD W62L62 CPC PIP	No
96483200	RC461B LED34S/940 PSD W60L60 PCV PIP	No
96457300	RC463B LED28S/940 PSD W62L62 VPC W	No
96465800	RC463B LED34S/940 PSD W62L62 VPC W	No
96484900	RC463B LED40S/940 PSD W62L62 VPC PIP	No
96604100	RC463B LED28S/940 PSD W62L62 VPC PIP	No
96605800	RC463B LED34S/940 PSD W62L62 VPC PIP	No
96676800	RC463B LED28S/930 PSD W62L62 VPC PIP	No
98000900	RC463B LED80S/TW9 DIA W62L62 VPC PIP	No
98001600	RC468B LED80S/TW9 DIA W67L67 VPC PIP	No
98004700	RC463B LED28S/BU840 PSD W62L62 VPC PIP	No
98005400	RC468B LED28S/BU840 PSD W67L67 VPC PIP	No
98008500	RC463B LED80S/TW9 DIA W62L62 CPC W	No
98009200	RC468B LED80S/TW9 DIA W67L67 VPC W	No
98012200	RC463B LED40S/BU840 PSD W62L62 CPC W	No
98013900	RC468B LED40S/BU840 PSD W67L67 VPC W	No
96451100	RC461B LED34S/940 PSD W60L60 VPC PIP	No
96455900	RC461B LED40S/940 PSD W60L60 VPC W	No
96456600	RC461B LED40S/940 PSD W60L60 VPC PIP	No
96458000	RC461B LED40S/940 PSD W60L60 VPC ELD3 P	No
96462700	RC461B LED34S/940 PSD W60L60 VPC W	No
96467200	RC461B LED40S/930 PSD W60L60 VPC W	No
96472600	RC461B LED40S/940 PSD W60L60 VPC W AIR	No
96475700	RC461B LED34S/930 PSU W60L60 VPC PIP	No
96476400	RC461B LED34S/940 PSD W60L60 VPC W SC	No
00567900	RC461B LED40S/930 PSD W60L60 VPC PIP	Yes (relates to presence/ movement

Order Code	Full Product Name	Suitable for random switching
		detection and daylight harvesting)
97998000	RC461B LED80S/TW9 DIA W60L60 VPC PIP	No
97999700	RC461B LED80S/TW9 DIA W60L60 VPC PIP SC	No
98002300	RC461B LED28S/BU840 PSD W60L60 VPC PIP	No
98003000	RC461B LED28S/BU840 PSD W60L60 VPC PIPSC	No
98010800	RC461B LED40S/BU840 PSD W60L60 PCV W	No
98011500	RC461B LED40S/BU840 PSD W60L60 PCV W SC	No
10048000	RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	Yes
96442900	RC463B LED40S/940 PSD W31L125 CPC PIP	No
96611900	RC463B LED40S/940 PSD W31L125 VPC PIP	No
97988100	RC463B LED80S/TW9 DIA W31L125 VPC PIP	No
97991100	RC463B LED28S/BU840 PSD W31L125 VPC PIP	No
97994200	RC463B LED80S/TW9 DIA W31L125 CPC PIP	No
97997300	RC463B LED28S/BU840 PSD W31L125 CPC PIP	No
96438200	RC461B LED34S/940 PSD W30L120 VPC W	No
96440500	RC461B LED34S/930 PSD W30L120 VPC PIP	No
96441200	RC461B LED40S/940 PSD W30L120 VPC PIP	No
96444300	RC461B LED40S/940 PSD W30L120 VPC W	No
96447400	RC461B LED34S/940 PSD W30L120 VPC PIP	No
97986700	RC461B LED80S/TW9 DIA W30L120 VPC PIP	No
97987400	RC461B LED80S/TW9 DIA W30L120 VPC PIP SC	No
97989800	RC461B LED28S/BU840 PSD W30L120 VPC PIP	No
97990400	RC461B LED28S/BU840 PSD W30L120 VPCPIPSC	No
97995900	RC461B LED28S/BU840 PSD W30L120 PCV PIP	No
97996600	RC461B LED28S/BU840 PSD W30L120 PCVPIPSC	No

