PHILIPS

Lighting



Trusted performance. Every day.

Ledinaire panel gen5

The Philips Ledinaire panel Gen5 (RC065B/RC066B) range features a selection of popular off-the-shelf LED luminaires that offer Philips high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm, 620 x 620 mm, 300 x 1200 mm, and 600 x 1200 Ledinaire LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of Ledinaire panels lighting is also available with accessories for easy installation on different types of ceilings—just what you need.

Benefits

- No risks, trusted performance
- Good quality, easy to use
- No confusion, easy product selection
- Innovative All-in multicolor and basic lighting control versions
- Broad range

Features

- 3400 lm/ 3600 lm / 4100 lm: L80 at 50K hrs, L70 75K hrs and 3-year warranty
- IP20/IP40
- Connectors: white quick connectors and flywire
- Sizes: 60 x 60 mm / 62 x 62 mm / 30 x 120 mm / 60 x 120 mm
- Color rendering: CRI 80 at SDCM <5
- 3000K / 3500K / 4000K / 6500K
- PSU / PSD
- Efficacy: 120Lm/W
- All-in: 3000K, 3500K, and 4000K in one luminaire

Ledinaire panel gen5

Application

- Offices
- Healthcare
- Education
- Municipal buildings
- Retail

Versions

Ledinaire Panel PSD All-in
830_835_840 W60L60 OC



Ledinaire panel G5 60x120



Ledinaire Panel PSU All-in
830_835_840 W60L60 OC



Ledinaire Panel All-in PSU 60x60



Ledinaire Panel G5 All in W30L120 RTP

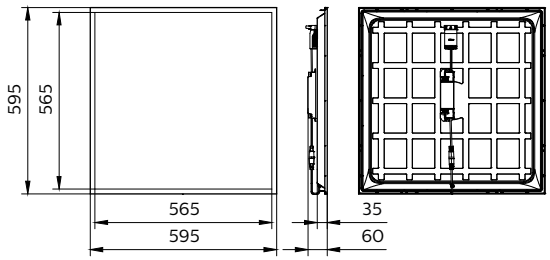


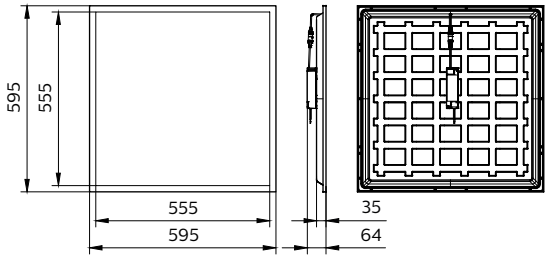
Ledinaire Panel PSU All-in
830_835_840 W62L62

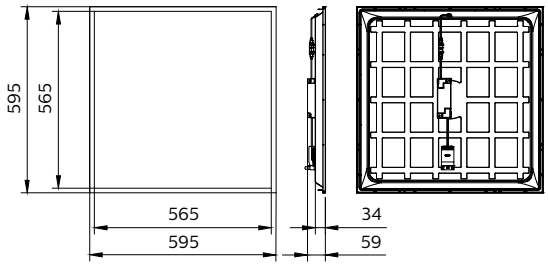


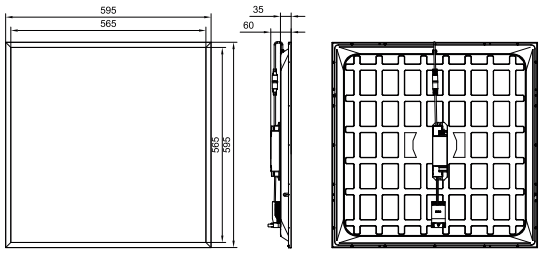
Ledinaire panel gen5

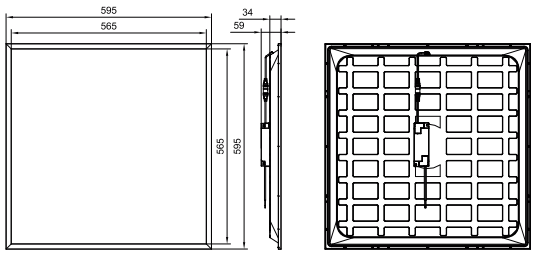
Dimensional drawing

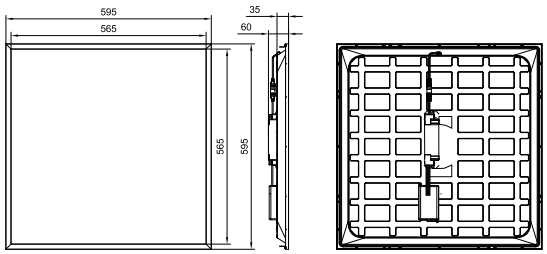


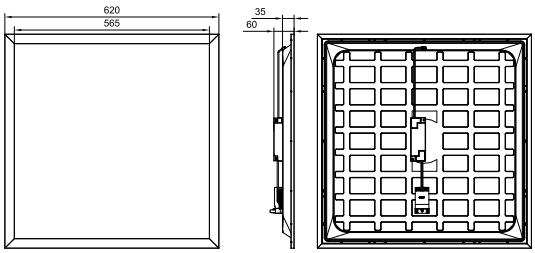


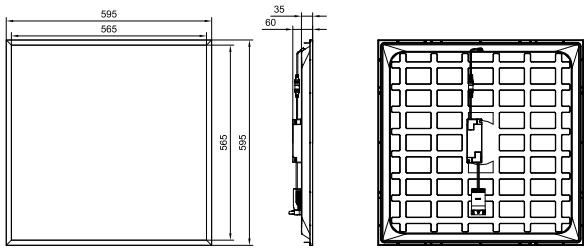




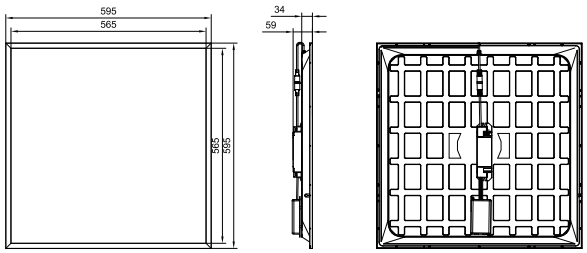


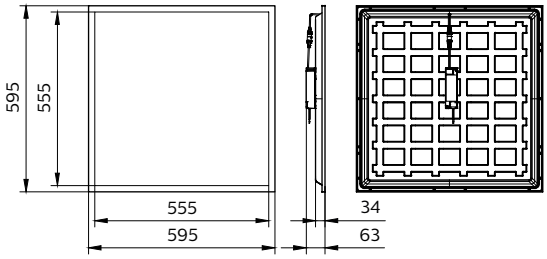


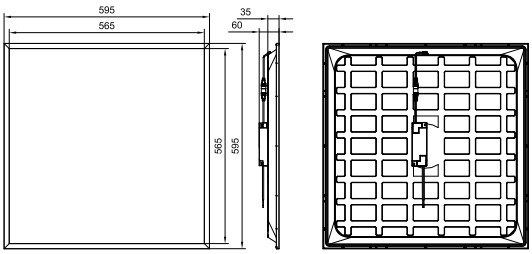


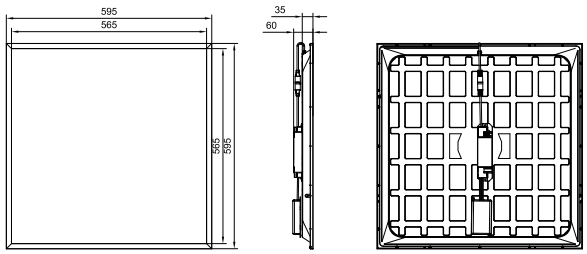


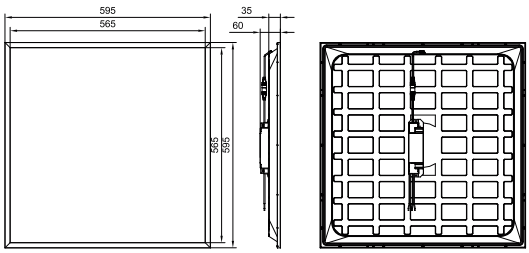
Dimensional drawing

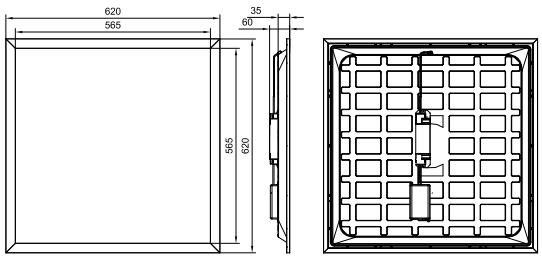


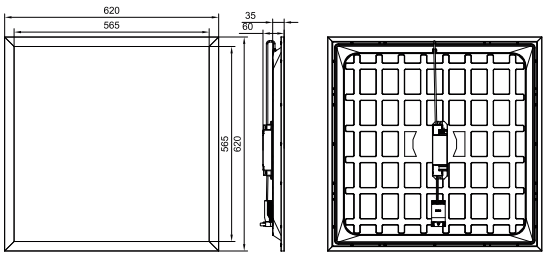


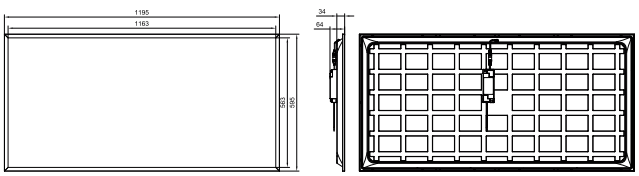






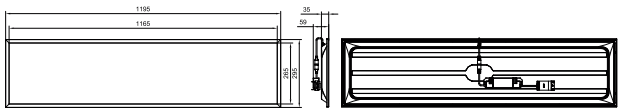






Ledinaire panel gen5

Dimensional drawing



Product details



Ledinaire Panel RC066B Square backside



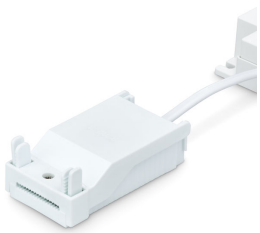
Ledinaire Panel G5 RC066B-frontside-straight



Ledinaire Panel G5 All in CCT Switch 3000K



Ledinaire Panel G5 Back housing PSU Flywire (CFW)



White Quick connector-closed



Panel flywires CFW + backside panel



Ledinaire Panel G5 All in CCT Switch PSU ON OFF Driver Open connector

Product details



Ledinaire Panel G5 PSD DALI Driver Open connector



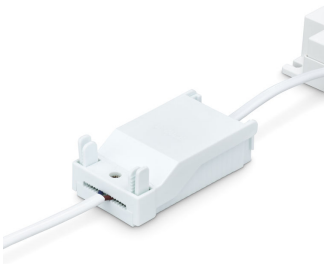
Ledinaire Panel G5 All in CCT Switch PSD ON OFF Driver Closed connector



Ledinaire Panel G5 PSD DALI Driver Closed connector



Ledinaire panel G5 frame and optical area 60x120

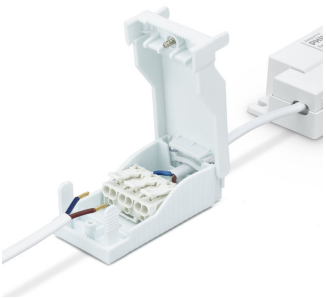


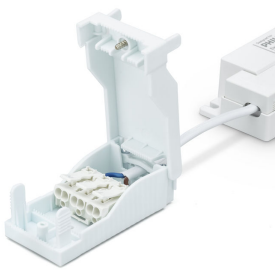
White Quick connector+wire-closed



Ledinaire Panel Gen 5-RC065B W60L120-backside

White Quick connector +wire-open





White Quick connector-open



Ledinaire Panel G5 All in CCT Switch PSD ON OFF Driver Open connector

Ledinaire Panel RC065B G5 30x120 Packaging

Product details



Panel flywires CFW



Ledinaire Panel G5 Back housing PSU Connector



Ledinaire Panel RC065B Square backside



Ledinaire Panel Gen 5-RC065B_RC066B Square-backside-PSU driver and connector



Ledinaire Panel Gen 5-RC065B_RC066B Square-backside



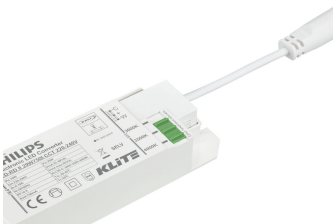
Ledinaire Panel RC065B G5 PSU 30x120 Backside



Ledinaire Panel G5 All in CCT Switch PSU ON OFF Driver Closed connector



Ledinaire Panel G5 All in CCT Switch 3500K



Ledinaire Panel G5 All in CCT Switch 4000K



Ledinaire Panel Gen 5-RC065B W60L120-backside-PSU driver and Flywire

Ledinaire panel gen5

Product details



Ledinaire Panel Gen 5-RC065B_RC066B Square-backside-PSU driver and connector



Ledinaire panel G5 frame and optical area 62x62

General Information	
Driver included	Yes
Number of gear units	1 unit
Light Technical	
Luminous Efficacy (rated) (Nom)	120 lm/W
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Ingress protection code	IP20/40
Emergency Operation	
Central Emergency	No
Approval and Application	
Ambient temperature range	-10 to +35 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%

Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)
911401844387	RC065B G5 34_36S/830_40 PSD 60x60 NOC SC	All-in, Multi Color Temperature	120 degree(s)	3000 K	80
911401877485	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	All-in, Multi Color Temperature	90 degree(s)	3000 K	>80
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	-	120 degree(s)	4000 K	>80
911401876685	RC066B 34S/840 PSU W62L62 OC	-	90 degree(s)	4000 K	>80
911401876785	RC066B 34S/840 PSD W62L62 OC	-	90 degree(s)	4000 K	>80
911401877285	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	All-in, Multi Color Temperature	90 degree(s)	3000 K	>80
911401877385	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	All-in, Multi Color Temperature	120 degree(s)	3000 K	>80
911401873685	RC065B G5 34S/840 PSU W60L60 OC CFW 2	-	90 degree(s)	4000 K	>80
911401873885	RC065B G5 34S/840 PSU W60L60 NOC CFW 2	-	120 degree(s)	4000 K	>80
911401874085	RC065B G5 34S/840 PSU W60L60 NOC CFW 2CL	-	120 degree(s)	4000 K	>80
911401874185	RC065B G5 34S/840 PSU W60L60 OC CFW 2 CL	-	90 degree(s)	4000 K	>80
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	-	90 degree(s)	4000 K	>80
911401875285	RC065B G5 34S/840 PSU W60L60 OC SC	-	90 degree(s)	4000 K	>80
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	-	90 degree(s)	6500 K	>80
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	-	120 degree(s)	4000 K	>80

Order Code	Full Product Name	All-in Type	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)
911401875585	RC065B G5 34S/840 PSU W60L60 NOC SC	-	120 degree(s)	4000 K	>80
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	-	120 degree(s)	6500 K	>80
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	-	90 degree(s)	4000 K	>80
911401875885	RC065B G5 34S/840 PSD W60L60 OC SC	-	90 degree(s)	4000 K	>80
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	-	120 degree(s)	4000 K	>80
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	-	90 degree(s)	4000 K	>80
911401876185	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	-	120 degree(s)	4000 K	>80
911401876285	RC065B G5 41S/840 PSU W60L60 OC CFW CL	-	90 degree(s)	4000 K	>80
911401876385	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	-	120 degree(s)	4000 K	>80
911401876485	RC065B G5 34S/840 PSU W60L60 OC CFW CL	-	90 degree(s)	4000 K	>80
911401877085	RC065B G5 34S/840 PSU W60L60 OC 6PK SC	-	90 degree(s)	4000 K	>80
911401877585	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	All-in, Multi Color Temperature	90 degree(s)	3000 K	>80
911401877185	RC066B 34_36S/830_40 PSU W62L62 OC	All-in, Multi Color Temperature	90 degree(s)	3000 K	>80

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Optic type
911401844387	RC065B G5 34_36S/830_40 PSD 60x60 NOC SC	3,400 lm	Beam angle 120°
911401877485	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	3,400 lm	Beam angle 90°
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	6,000 lm	Beam angle 120°
911401876685	RC066B 34S/840 PSU W62L62 OC	3,400 lm	Beam angle 90°
911401876785	RC066B 34S/840 PSD W62L62 OC	3,400 lm	Beam angle 90°
911401877285	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	3,400 lm	Beam angle 90°
911401877385	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	3,400 lm	Beam angle 120°
911401873685	RC065B G5 34S/840 PSU W60L60 OC CFW 2	3,400 lm	Beam angle 90°
911401873885	RC065B G5 34S/840 PSU W60L60 NOC CFW 2	3,400 lm	Beam angle 120°
911401874085	RC065B G5 34S/840 PSU W60L60 NOC CFW 2CL	3,400 lm	Beam angle 120°

Order Code	Full Product Name	Luminous Flux	Optic type
911401874185	RC065B G5 34S/840 PSU W60L60 OC CFW 2 CL	3,400 lm	Beam angle 90°
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	3,400 lm	Beam angle 90°
911401875285	RC065B G5 34S/840 PSU W60L60 OC SC	3,400 lm	Beam angle 90°
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	3,400 lm	Beam angle 90°
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	3,400 lm	Beam angle 120°
911401875585	RC065B G5 34S/840 PSU W60L60 NOC SC	3,400 lm	Beam angle 120°
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	3,400 lm	Beam angle 120°
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	3,400 lm	Beam angle 90°
911401875885	RC065B G5 34S/840 PSD W60L60 OC SC	3,400 lm	Beam angle 90°

Ledinaire panel gen5

Order Code	Full Product Name	Luminous Flux	Optic type
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	4,100 lm	Beam angle 120°
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	4,100 lm	Beam angle 90°
911401876185	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	4,100 lm	Beam angle 120°
911401876285	RC065B G5 41S/840 PSU W60L60 OC CFW CL	4,100 lm	Beam angle 90°
911401876385	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	3,400 lm	Beam angle 120°

Order Code	Full Product Name	Luminous Flux	Optic type
911401876485	RC065B G5 34S/840 PSU W60L60 OC CFW CL	3,400 lm	Beam angle 90°
911401877085	RC065B G5 34S/840 PSU W60L60 OC 6PK SC	3,400 lm	Beam angle 90°
911401877585	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	3,400 lm	Beam angle 90°
911401877185	RC066B 34_36S/830_40 PSU W62L62 OC	3,400 lm	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401844387	RC065B G5 34_36S/830_40 PSD 60x60 NOC SC	28 W
911401877485	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	28 W
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	50 W
911401876685	RC066B 34S/840 PSU W62L62 OC	28 W
911401876785	RC066B 34S/840 PSD W62L62 OC	28 W
911401877285	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	28 W
911401877385	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	28 W
911401873685	RC065B G5 34S/840 PSU W60L60 OC CFW 2	28 W
911401873885	RC065B G5 34S/840 PSU W60L60 NOC CFW 2	28 W
911401874085	RC065B G5 34S/840 PSU W60L60 NOC CFW 2CL	28 W
911401874185	RC065B G5 34S/840 PSU W60L60 OC CFW 2 CL	28 W
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	28 W
911401875285	RC065B G5 34S/840 PSU W60L60 OC SC	28 W
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	28 W

Order Code	Full Product Name	Power Consumption
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	28 W
911401875585	RC065B G5 34S/840 PSU W60L60 NOC SC	28 W
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	28 W
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	28 W
911401875885	RC065B G5 34S/840 PSD W60L60 OC SC	28 W
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	34 W
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	34 W
911401876185	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	34 W
911401876285	RC065B G5 41S/840 PSU W60L60 OC CFW CL	34 W
911401876385	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	28 W
911401876485	RC065B G5 34S/840 PSU W60L60 OC CFW CL	28 W
911401877085	RC065B G5 34S/840 PSU W60L60 OC 6PK SC	28 W
911401877585	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	28 W
911401877185	RC066B 34_36S/830_40 PSU W62L62 OC	28 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401844387	RC065B G5 34_36S/830_40 PSD 60x60 NOC SC	Yes	1%
911401877485	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	Yes	1%
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	No	Not applicable
911401876685	RC066B 34S/840 PSU W62L62 OC	No	Not applicable
911401876785	RC066B 34S/840 PSD W62L62 OC	Yes	1%
911401877285	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	No	Not applicable
911401877385	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	No	Not applicable
911401873685	RC065B G5 34S/840 PSU W60L60 OC CFW 2	No	Not applicable
911401873885	RC065B G5 34S/840 PSU W60L60 NOC CFW 2	No	Not applicable
911401874085	RC065B G5 34S/840 PSU W60L60 NOC CFW 2CL	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401874185	RC065B G5 34S/840 PSU W60L60 OC CFW 2 CL	No	Not applicable
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	No	Not applicable
911401875285	RC065B G5 34S/840 PSU W60L60 OC SC	No	Not applicable
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	No	Not applicable
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	No	Not applicable
911401875585	RC065B G5 34S/840 PSU W60L60 NOC SC	No	Not applicable
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	No	Not applicable
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	Yes	1%
911401875885	RC065B G5 34S/840 PSD W60L60 OC SC	Yes	1%

Order Code	Full Product Name	Dimmable	Maximum dim level
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	No	Not applicable
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	No	Not applicable
911401876185	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	No	Not applicable
911401876285	RC065B G5 41S/840 PSU W60L60 OC CFW CL	No	Not applicable
911401876385	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	No	Not applicable
911401876485	RC065B G5 34S/840 PSU W60L60 OC CFW CL	No	Not applicable
911401877085	RC065B G5 34S/840 PSU W60L60 OC 6PK SC	No	Not applicable
911401877585	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	No	Not applicable
911401877185	RC066B 34_36S/830_40 PSU W62L62 OC	No	Not applicable

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401844387	RC065B G5 34_36S/830_40 PSD 60x60 NOC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
911401877485	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	(0.38, 0.38) SDCM ≤5
911401876685	RC066B 34S/840 PSU W62L62 OC	(0.38, 0.38) SDCM ≤5
911401876785	RC066B 34S/840 PSD W62L62 OC	(0.38, 0.38) SDCM ≤5
911401877285	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
911401877385	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
911401873685	RC065B G5 34S/840 PSU W60L60 OC CFW 2	(0.38, 0.38) SDCM ≤5
911401873885	RC065B G5 34S/840 PSU W60L60 NOC CFW 2	(0.38, 0.38) SDCM ≤5
911401874085	RC065B G5 34S/840 PSU W60L60 NOC CFW 2CL	(0.38, 0.38) SDCM ≤5
911401874185	RC065B G5 34S/840 PSU W60L60 OC CFW 2 CL	(0.38, 0.38) SDCM ≤5
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
911401875285	RC065B G5 34S/840 PSU W60L60 OC SC	(0.38, 0.38) SDCM ≤5
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	(0.31, 0.33) SDCM ≤5
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5
911401875585	RC065B G5 34S/840 PSU W60L60 NOC SC	(0.38, 0.38) SDCM ≤5
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	(0.31, 0.33) SDCM ≤5
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
911401875885	RC065B G5 34S/840 PSD W60L60 OC SC	(0.38, 0.38) SDCM ≤5
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
911401876185	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	(0.38, 0.38) SDCM ≤5
911401876285	RC065B G5 41S/840 PSU W60L60 OC CFW CL	(0.38, 0.38) SDCM ≤5
911401876385	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	(0.38, 0.38) SDCM ≤5
911401876485	RC065B G5 34S/840 PSU W60L60 OC CFW CL	(0.38, 0.38) SDCM ≤5
911401877085	RC065B G5 34S/840 PSU W60L60 OC 6PK SC	(0.38, 0.38) SDCM ≤5
911401877585	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
911401877185	RC066B 34_36S/830_40 PSU W62L62 OC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5

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