Philips CoreLine panel: easy installation, excellent illumination

CoreLine Panel gen6

Philips CoreLine panel Gen6 delivers on the CoreLine promise of innovation, easy installation, and excellent illumination. Designed as a direct replacement for functional luminaires in general lighting applications, this LED panel light's innovative All-in feature offers a choice of three lumen packages and three-color temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Installing the CoreLine RC132V LED panel is quick and easy, using the product's quick connector or flywire. The CoreLine range includes Interact Ready luminaires with integrated wireless communications, ready to be used with Interact gateways, sensors, and software.

Benefits
· Low-risk, reliable products
· Work faster with these easy-to-install products
· No confusion with easy product selection
· Stay relevant by joining IoT / connected lighting systems
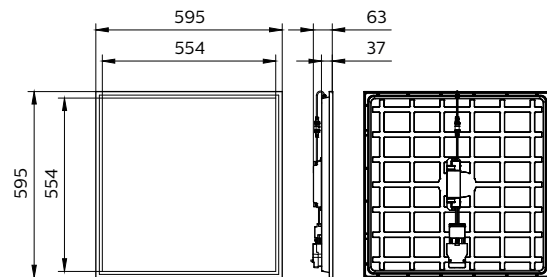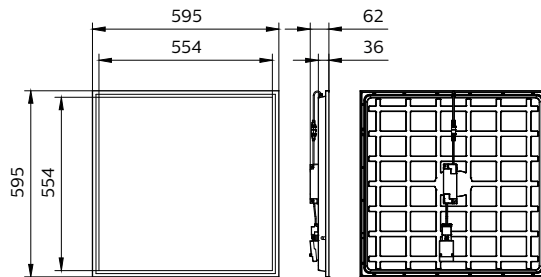
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Features
· L90@50K hrs/ L80@100K hrs with 5-year warranty
· Quick connector (green/white, Flywire, WAGO, and Schuko)
· High lumen office-compliant and non-office compliant versions
· CRI 80/CRI 90 at SDCM <3
· CRI 80 4000 K 140 lm/Wand 3000 K > 130 lm/W, CRI 90 >115 lm/W
· UltraEfficient 4000 K >160 lm/W
· All-in: multiple lumen packages and color temperatures in one luminaire

Application
· Offices
· Healthcare
· Municipal buildings
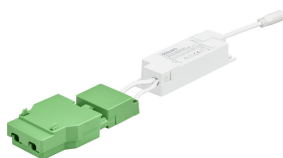· Education

Dimensional drawing

Product details

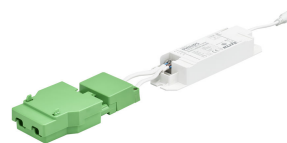**CoreLine panel G6 PSU Green connector fits Wieland W3 connector**

CoreLine panel G6 PSU W60L60 back side DPP
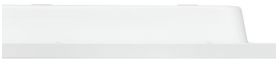

CoreLine panel G6 PSU driver DPP

CoreLine panel G6 PSD driver open DPP

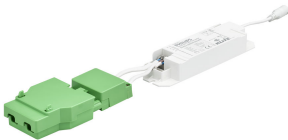# CoreLine Panel gen6

Product details

CoreLine panel G6 side angle DPP
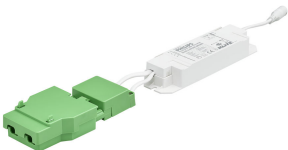
CoreLine panel G6 NOC Optical window DPP

CoreLine panel G6 PSU driver open DPP

CoreLine panel G6 PSD W60L60 back side DPP

CoreLine panel G6 PSD driver DPP

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General Information

Driver included	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Luminous Flux	3,600 lm

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
Ingress protection code	IP20/44

Emergency Operation

Central Emergency	No

Approval and Application

Ambient temperature range	–10 to +35 °C
CE mark	Yes
ENEC mark	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
Stroboscopic effect visibility measure (SVM)	0.4

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM ≤3
Luminous flux tolerance	–10% / +10%

Light Technical

Order Code	Full Product Name	Beam angle of light source	Luminous Efficacy (rated) (Nom)	Optic type
911401800087	RC132V G6 36S/UE840 PSU W60L60 NOC	120 degree(s)	160 lm/W	Beam angle 120°
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	90 degree(s)	153 lm/W	Beam angle 90°
911401890885	RC132V G6 36S/840 PSD W60L60 OC	90 degree(s)	138 lm/W	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401800087	RC132V G6 36S/UE840 PSU W60L60 NOC	22.5 W
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	23.5 W

Order Code	Full Product Name	Power Consumption
911401890885	RC132V G6 36S/840 PSD W60L60 OC	26 W

Controls and Dimming

CoreLine Panel gen6

Order Code	Full Product Name	Dimmable	Maximum dim level
911401800087	RC132V G6 36S/UE840 PSU W60L60 NOC	No	Not applicable
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	Yes	1%

Order Code	Full Product Name	Dimmable	Maximum dim level
911401890885	RC132V G6 36S/840 PSD W60L60 OC	Yes	1%

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
911401800087	RC132V G6 36S/UE840 PSU W60L60 NOC	IK03
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	IK02

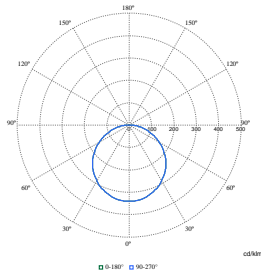| Order Code	Full Product Name	Mech. impact protection code
911401890885	RC132V G6 36S/840 PSD W60L60 OC	IK02

Polar Wide Diagrams
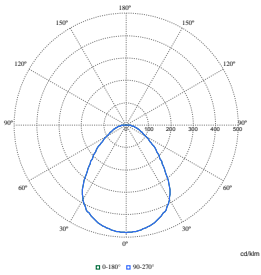
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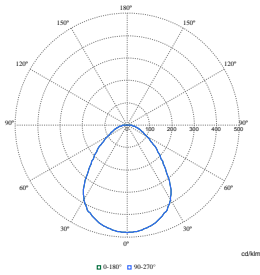
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Polar Normal (separate) – null – 911401800087

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2024, August 7 – data subject to change