



Philips CoreLine panel: easy installation, excellent illumination

CoreLine Panel G6

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/W and 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

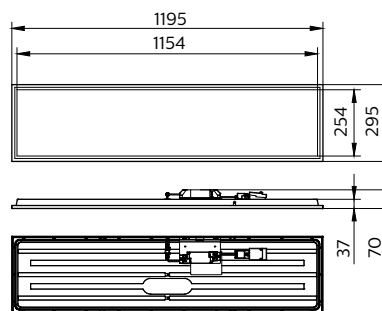
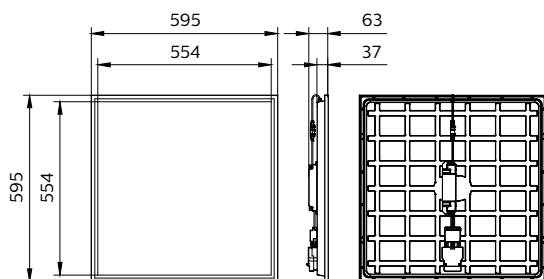
- Offices
- Healthcare
- Municipal buildings
- Education

Versions



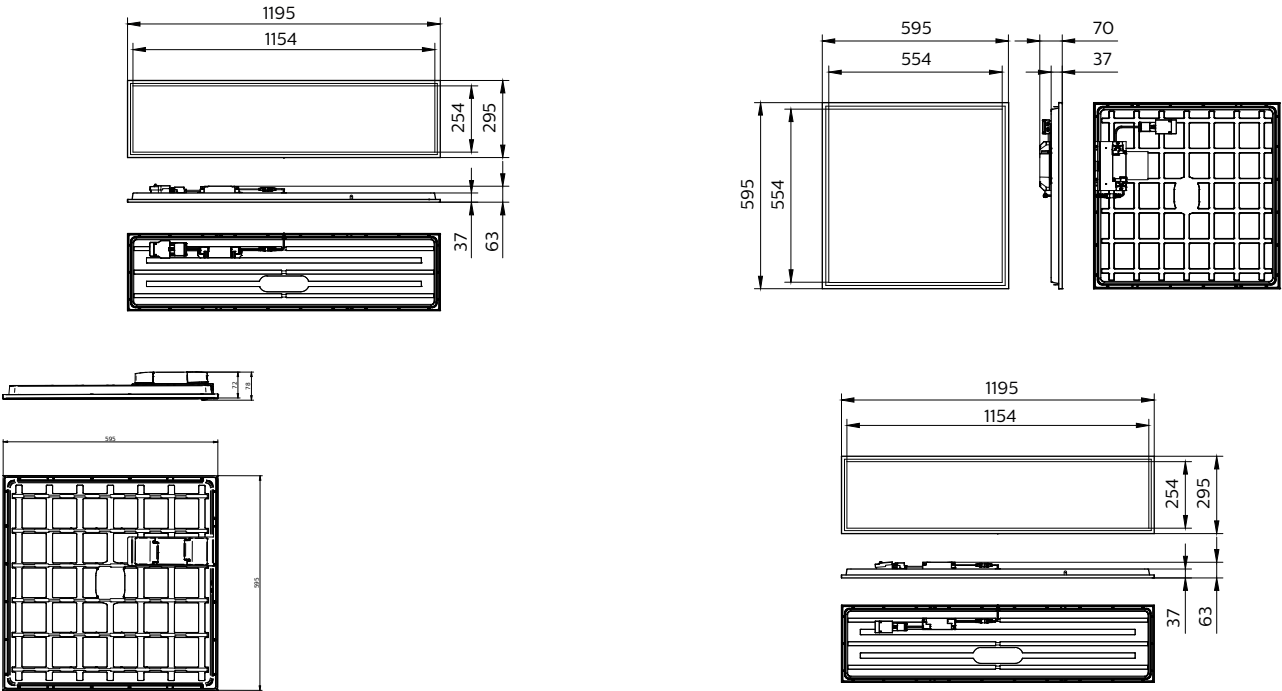
CoreLine panel G6 W30L120 RTP

Dimensional drawing



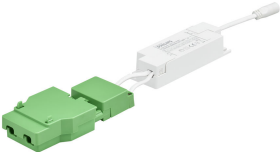



CoreLine Panel G6

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 WIA back side DPP

CoreLine Panel G6

Product details

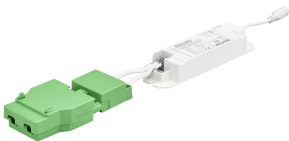
CoreLine panel G6 PSU W30L120
back side DPP



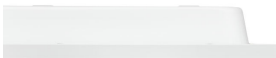
CoreLine panel G6 PSD W30L120
back side DPP



CoreLine panel G6 PSD driver
open DPP



CoreLine panel G6 side angle DPP



CoreLine panel G6 WIA driver DPP



CoreLine panel G6 PSU driver
open DPP



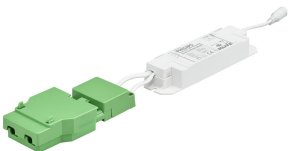
CoreLine panel G6 PSD W60L60
back side DPP



CoreLine panel G6 W60L60 OC
Optical window DPP



CoreLine panel G6 PSD driver DPP



CoreLine Panel G6

General Information	
Driver included	Yes
Number of gear units	Unit
Light Technical	
Beam angle of light source	90 degree(s)
Correlated Colour Temperature	4000 K
Colour rendering index (CRI)	>80
Optic type	Beam angle 90°
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	-10 to +35 °C
Mechanical and Housing	
Housing Colour	White RAL 9003
Approval and Application	
CE mark	CE mark
Protection class IEC	Safety class II
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Mech. impact protection code	IK02
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Luminous flux tolerance	-10% / +10%

General Information

Order Code	Full Product Name	Embedded control	Product family code
75006799	RC132V G6 36S/840 WIA W30L120 OC	-	-
73514999	RC132V G6 36S/840 PSU W30L120 OC	-	-
73517099	RC132V G6 36S/840 PSD W30L120 OC	-	-
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	Interact SNS210 sensor	RC132V
75002999	RC132V G6 43S/840 WIA W60L60 OC	-	-
73515699	RC132V G6 36S/840 PSD W60L60 OC	-	-

Light Technical

		Luminous efficacy	
Order Code	Full Product Name	(rated) (nom.)	Luminous Flux
75006799	RC132V G6 36S/840 WIA W30L120 OC	138 lm/W	3,600 lm
73514999	RC132V G6 36S/840 PSU W30L120 OC	138 lm/W	3,600 lm
73517099	RC132V G6 36S/840 PSD W30L120 OC	138 lm/W	3,600 lm

		Luminous efficacy	
Order Code	Full Product Name	(rated) (nom.)	Luminous Flux
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	132 lm/W	4,300 lm
75002999	RC132V G6 43S/840 WIA W60L60 OC	139 lm/W	4,300 lm
73515699	RC132V G6 36S/840 PSD W60L60 OC	138 lm/W	3,600 lm

Operating and Electrical

CoreLine Panel G6

Order Code	Full Product Name	Power Consumption
75006799	RC132V G6 36S/840 WIA W30L120 OC	26 W
73514999	RC132V G6 36S/840 PSU W30L120 OC	26 W
73517099	RC132V G6 36S/840 PSD W30L120 OC	26 W

Order Code	Full Product Name	Power Consumption
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	32 W
75002999	RC132V G6 43S/840 WIA W60L60 OC	31 W
73515699	RC132V G6 36S/840 PSD W60L60 OC	26 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
75006799	RC132V G6 36S/840 WIA W30L120 OC	Yes
73514999	RC132V G6 36S/840 PSU W30L120 OC	No
73517099	RC132V G6 36S/840 PSD W30L120 OC	Yes

Order Code	Full Product Name	Dimmable
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	No
75002999	RC132V G6 43S/840 WIA W60L60 OC	Yes
73515699	RC132V G6 36S/840 PSD W60L60 OC	Yes

Approval and Application

Order Code	Full Product Name	Ingress protection code
75006799	RC132V G6 36S/840 WIA W30L120 OC	IP20/44
73514999	RC132V G6 36S/840 PSU W30L120 OC	IP20/44
73517099	RC132V G6 36S/840 PSD W30L120 OC	IP20/44

Order Code	Full Product Name	Ingress protection code
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	IP20
75002999	RC132V G6 43S/840 WIA W60L60 OC	IP20/44
73515699	RC132V G6 36S/840 PSD W60L60 OC	IP20/44

Application Conditions

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
75006799	RC132V G6 36S/840 WIA W30L120 OC	1%	Not applicable
73514999	RC132V G6 36S/840 PSU W30L120 OC	Not applicable	Not applicable
73517099	RC132V G6 36S/840 PSD W30L120 OC	1%	Not applicable

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	Not applicable	No
75002999	RC132V G6 43S/840 WIA W60L60 OC	1%	Not applicable
73515699	RC132V G6 36S/840 PSD W60L60 OC	1%	Not applicable

