



# 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

# CoreLine Panel gen6

## 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 G5 SIA with Sensor  
front side



CoreLine panel G6 W60L60 IP65



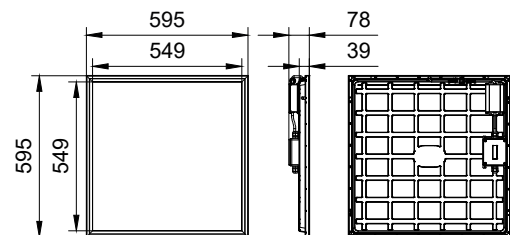
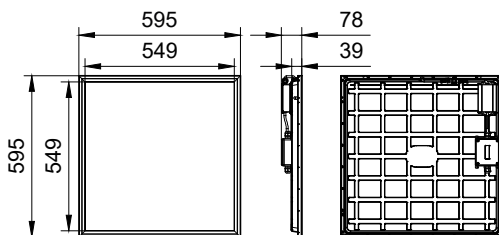
Philips CoreLine panel G6 All in  
MultiLumen W60L60



Philips CoreLine panel G6 All in  
W60L60

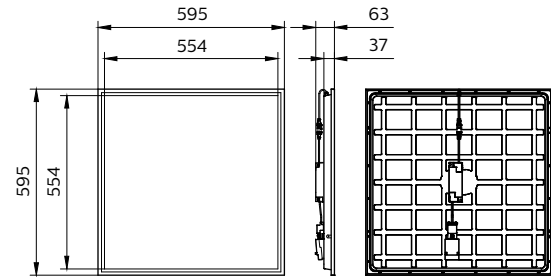
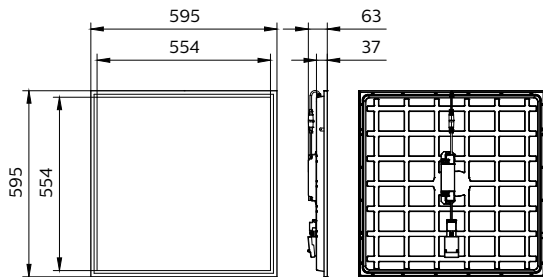
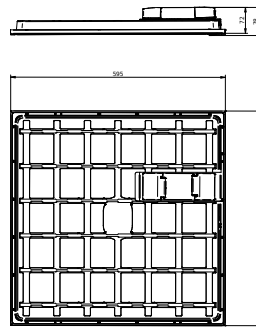
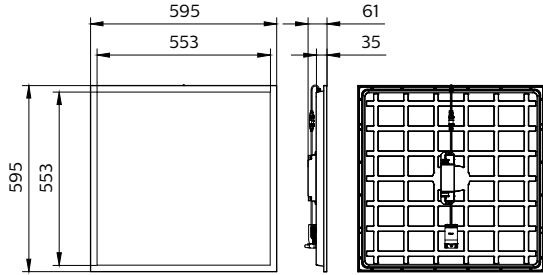
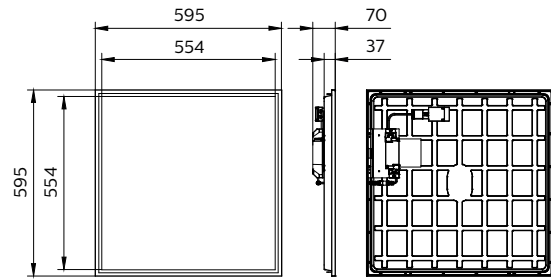
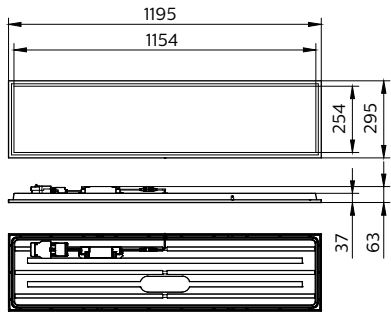
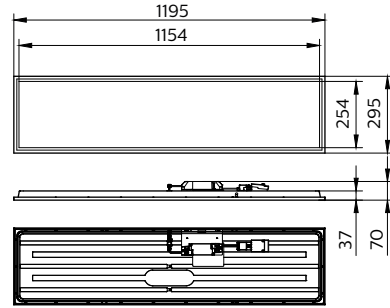
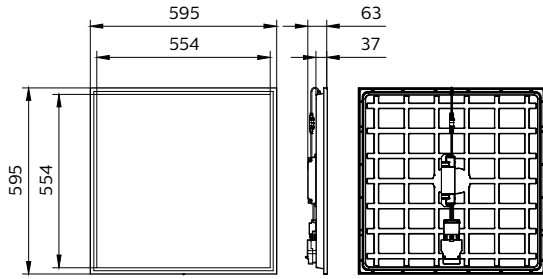


## Dimensional drawing



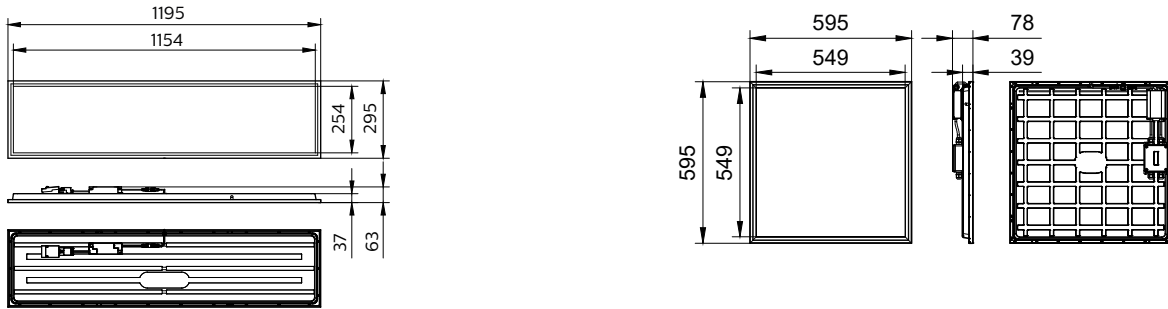
# CoreLine Panel gen6

## Dimensional drawing

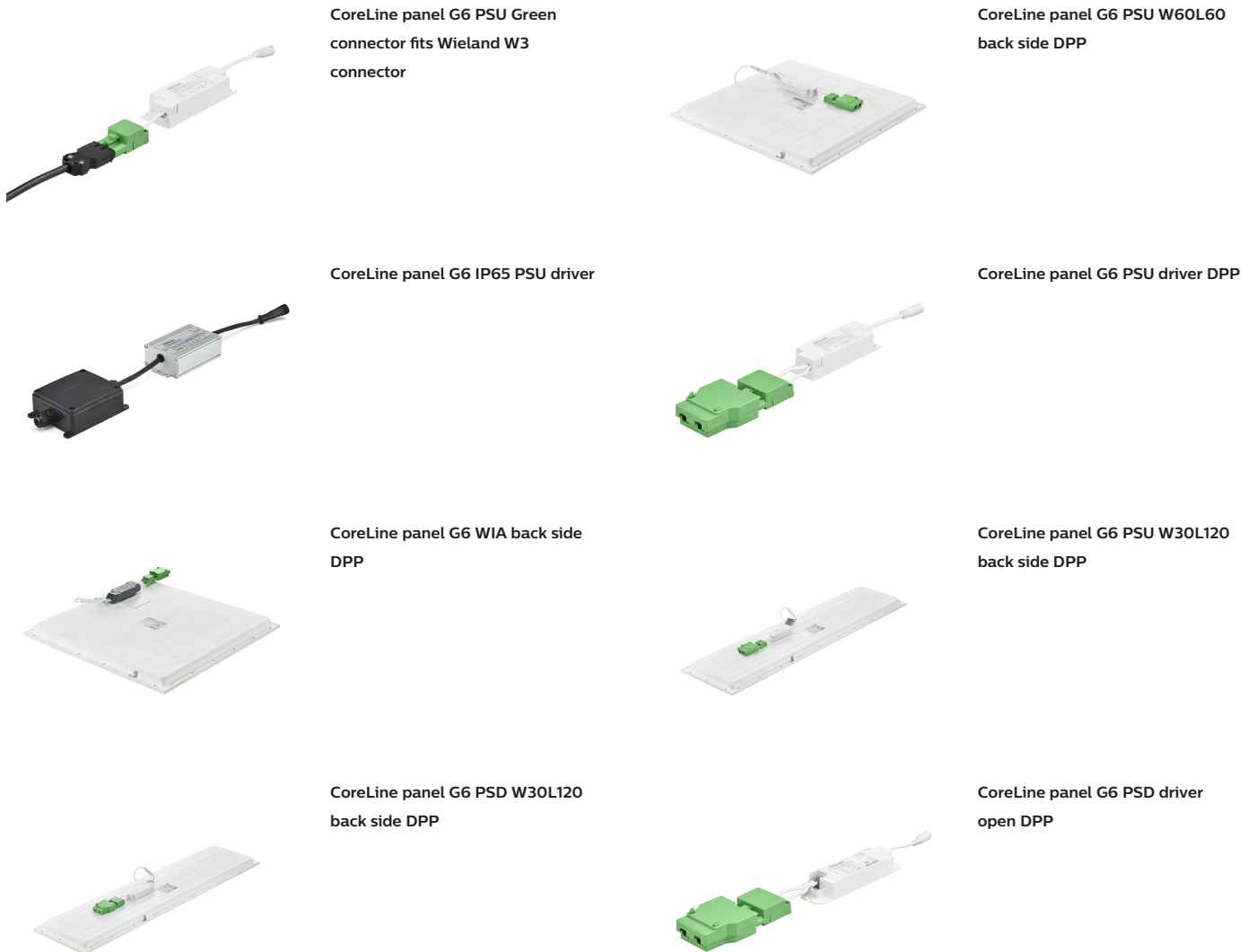


# CoreLine Panel gen6

## Dimensional drawing



## Product details



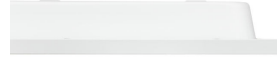
# CoreLine Panel gen6

## Product details

CoreLine panel G6 IP65 PSD driver



CoreLine panel G6 side angle DPP



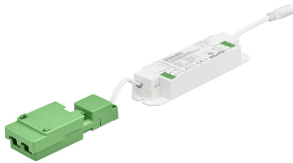
CoreLine panel G6 WIA driver DPP



CoreLine panel G6 All in driver open DPP



CoreLine panel G6 All in driver DPP



CoreLine panel G6 PSU driver open DPP



CoreLine panel G6 PSD W60L60 back side DPP



CoreLine panel G6 IP65 PSD back side



CoreLine panel G6 W60L60 OC Optical window DPP



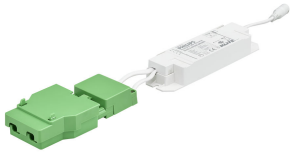
CoreLine panel G6 IP65 PSU back side



# CoreLine Panel gen6

## Product details

CoreLine panel G6 PSD driver DPP



General Information	
Driver included	Yes
Number of gear units	Unit
Service Tag	Yes
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Mechanical and Housing	
Housing Colour	White
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)	1
Stroboscopic effect	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Luminous flux tolerance	-10% / +10%

## Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Beam angle of light source	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	-	90 degree(s)	4000 K	>80
75006799	RC132V G6 36S/840 WIA W30L120 OC	-	90 degree(s)	4000 K	>80
73514999	RC132V G6 36S/840 PSU W30L120 OC	-	90 degree(s)	4000 K	>80
73517099	RC132V G6 36S/840 PSD W30L120 OC	-	90 degree(s)	4000 K	>80
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	-	120 degree(s)	4000 K	>90
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	-	90 degree(s)	4000 K	>90
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	-	90 degree(s)	4000 K	>90
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	-	90 degree(s)	4000 K	>80
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	-	90 degree(s)	4000 K	>80
75002999	RC132V G6 43S/840 WIA W60L60 OC	-	90 degree(s)	4000 K	>80
73515699	RC132V G6 36S/840 PSD W60L60 OC	-	90 degree(s)	4000 K	>80
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	All-in, Multi Lumen	90 degree(s)	4000 K	>80
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	All-in, Multi Lumen	90 degree(s)	3000 K	>80

## Light Technical (2/2)

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type	Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	132 lm/W	4,300 lm	Beam angle 90°	75006799	RC132V G6 36S/840 WIA W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°

## CoreLine Panel gen6

Order Code	Full Product Name	Luminous	Luminous	Optic type
		efficacy (rated) (nom.)	Flux	
73514999	RC132V G6 36S/840 PSU W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°
73517099	RC132V G6 36S/840 PSD W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	111 lm/W	5,000 lm	Beam angle 120°
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	107 lm/W	4,800 lm	Beam angle 90°
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	107 lm/W	4,800 lm	Beam angle 90°
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	160 lm/W	3,600 lm	Beam angle 90°

Order Code	Full Product Name	Luminous	Luminous	Optic type
		efficacy (rated) (nom.)	Flux	
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	153 lm/W	3,600 lm	Beam angle 90°
75002999	RC132V G6 43S/840 WIA W60L60 OC	139 lm/W	4,300 lm	Beam angle 90°
73515699	RC132V G6 36S/840 PSD W60L60 OC	138 lm/W	3,600 lm	Beam angle 90°
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	141 lm/W	3,100 lm	Beam angle 90°
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	141 lm/W	2,900 lm	Beam angle 90°

### Operating and Electrical

Order Code	Full Product Name	Power	Suitable for
		Consumption	random switching
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	32 W	No
75006799	RC132V G6 36S/840 WIA W30L120 OC	26 W	Not applicable
73514999	RC132V G6 36S/840 PSU W30L120 OC	26 W	Not applicable
73517099	RC132V G6 36S/840 PSD W30L120 OC	26 W	Not applicable
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	45 W	Not applicable
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	45 W	Not applicable
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	45 W	Not applicable

Order Code	Full Product Name	Power	Suitable for
		Consumption	random switching
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	22.5 W	Not applicable
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	23.5 W	Not applicable
75002999	RC132V G6 43S/840 WIA W60L60 OC	31 W	Not applicable
73515699	RC132V G6 36S/840 PSD W60L60 OC	26 W	Not applicable
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	31 W	Not applicable
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	31 W	Not applicable

### Controls and Dimming

Order Code	Full Product Name	Dimmable	Embedded	Maximum
			control	dim level
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	Yes	Interact SNS210 sensor	Not applicable
75006799	RC132V G6 36S/840 WIA W30L120 OC	Yes	-	1%
73514999	RC132V G6 36S/840 PSU W30L120 OC	No	-	Not applicable
73517099	RC132V G6 36S/840 PSD W30L120 OC	Yes	-	1%
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	No	-	Not applicable

Order Code	Full Product Name	Dimmable	Embedded	Maximum
			control	dim level
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	No	-	Not applicable
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	Yes	-	1%
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	No	-	Not applicable
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	Yes	-	1%
75002999	RC132V G6 43S/840 WIA W60L60 OC	Yes	-	1%
73515699	RC132V G6 36S/840 PSD W60L60 OC	Yes	-	1%

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Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	No	-	Not applicable

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	No	-	Not applicable

### Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	IK02	IP20
75006799	RC132V G6 36S/840 WIA W30L120 OC	IK02	IP20/44
73514999	RC132V G6 36S/840 PSU W30L120 OC	IK02	IP20/44
73517099	RC132V G6 36S/840 PSD W30L120 OC	IK02	IP20/44
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	IK03	IP65
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	IK03	IP65
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	IK03	IP65

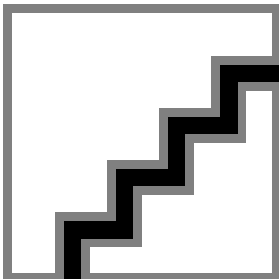
Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	IK02	IP20/44
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	IK02	IP20/44
75002999	RC132V G6 43S/840 WIA W60L60 OC	IK02	IP20/44
73515699	RC132V G6 36S/840 PSD W60L60 OC	IK02	IP20/44
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	IK02	IP20/40
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	IK02	IP20/44

### Product Data

Order Code	Full Product Name	Product family code
58859200	RC132V G6 43S/840 SIA W60L60 OC IA4	RC132V
75006799	RC132V G6 36S/840 WIA W30L120 OC	-
73514999	RC132V G6 36S/840 PSU W30L120 OC	-
73517099	RC132V G6 36S/840 PSD W30L120 OC	-
73523199	RC132V G6 50S/940 PSU W60L60 NOC IP65	-
73561399	RC132V G6 48S/940 PSU W60L60 OC IP65	-
73562099	RC132V G6 48S/940 PSD W60L60 OC IP65	-

Order Code	Full Product Name	Product family code
74982599	RC132V G6 36S/UE840 PSU W60L60 OC	-
74983299	RC132V G6 36S/UE840 PSD W60L60 OC	-
75002999	RC132V G6 43S/840 WIA W60L60 OC	-
73515699	RC132V G6 36S/840 PSD W60L60 OC	-
75509399	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	-
73518799	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	-

### Polar Wide Diagrams



Polar Normal (separate) - RC132VI - 910505102802



## CoreLine Panel gen6

