



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



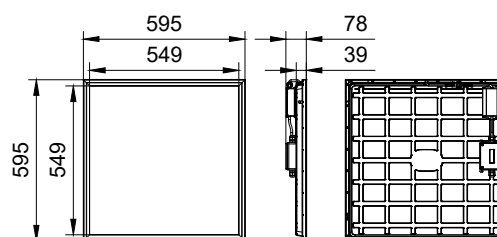
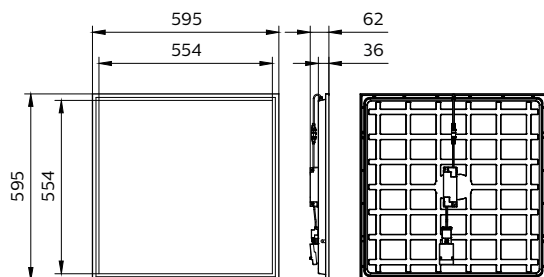
CoreLine panel G6 W60L60 RTP



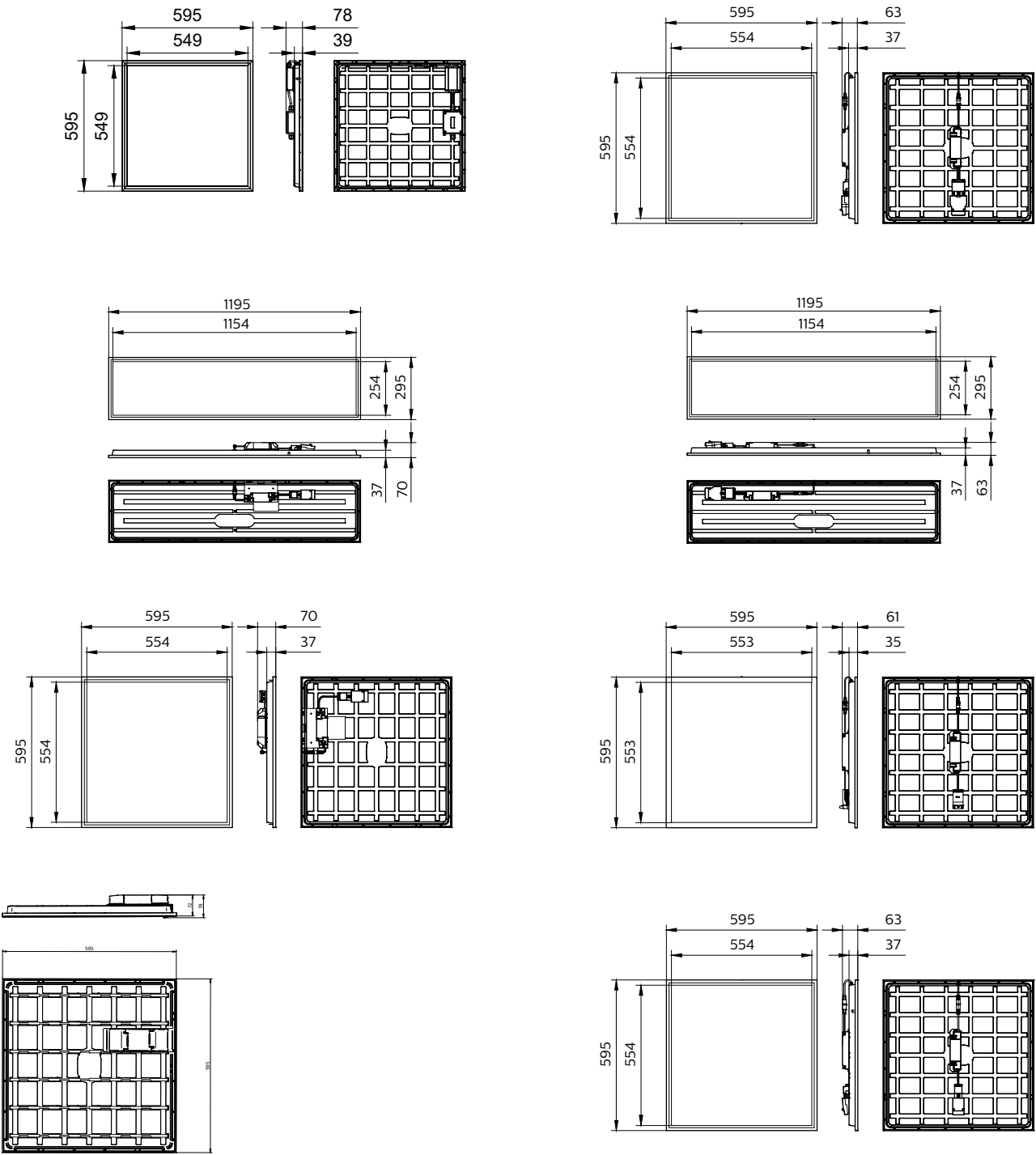
Philips CoreLine panel G6 All in
MultiLumen W60L60



Dimensional drawing

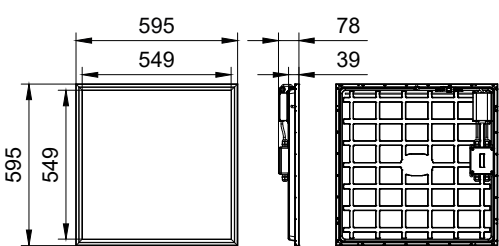
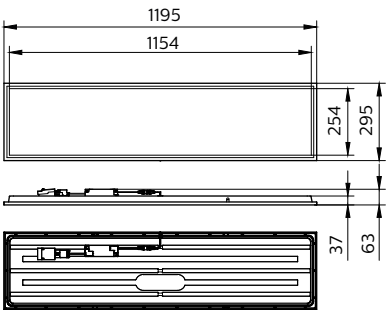
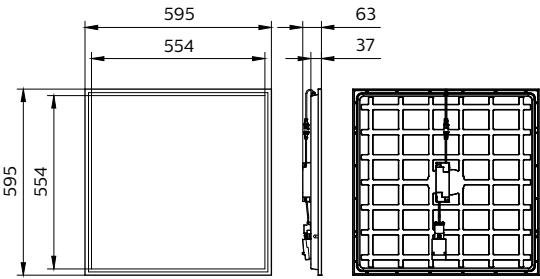
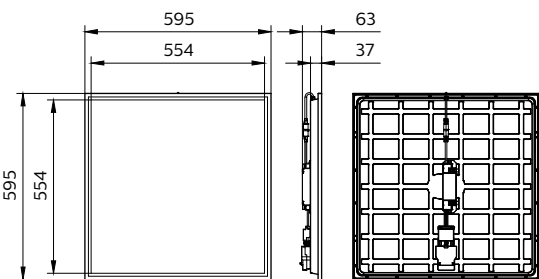


Dimensional drawing



CoreLine Panel gen6

Dimensional drawing



Product details



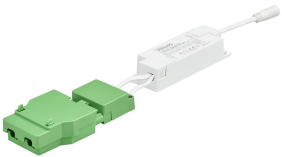
CoreLine panel G6 PSU Green
connector fits Wieland W3
connector



CoreLine panel G6 PSU W60L60
back side DPP



CoreLine panel G6 IP65 PSU driver



CoreLine panel G6 PSU driver DPP

CoreLine Panel gen6

Product details



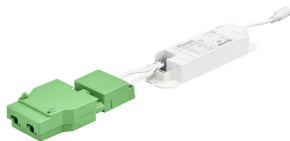
CoreLine panel G6 WIA back side
DPP



CoreLine panel G6 PSU W30L120
back side DPP



CoreLine panel G6 PSD W30L120
back side DPP



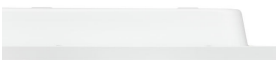
CoreLine panel G6 PSD driver
open DPP



CoreLine panel G6 PSD All in
W60L60 back side DPP



CoreLine panel G6 IP65 PSD driver



CoreLine panel G6 side angle DPP



CoreLine panel G6 WIA driver DPP



CoreLine panel G6 NOC Optical
window DPP

CoreLine Panel gen6

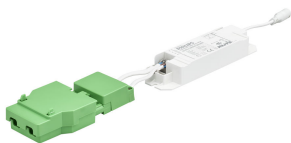
Product details



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



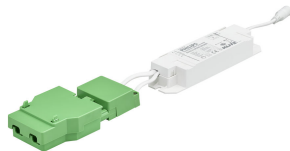
CoreLine panel G6 IP65 PSD back
side



CoreLine panel G6 W60L60 OC
Optical window DPP



CoreLine panel G6 IP65 PSU back
side



CoreLine panel G6 PSD driver DPP

CoreLine Panel gen6

General Information	
Driver included	Yes
Number of gear units	Unit
Service Tag	Yes
Operating and Electrical	
Protection class IEC	Safety class II
Mechanical and Housing	
Explosion hazard class	-
Emergency Operation	
Central Emergency	No
Approval and Application	
CE mark	Yes
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM)	1
Stroboscopic effect	0.4
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 Colour Temperature (Nom)	Colour rendering index (CRI)
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	-	90 degree(s)	4000 K	>80
911401802887	RC132V G6 36S/840 WIA W30L120 OC	-	90 degree(s)	4000 K	>80
911401890785	RC132V G6 36S/840 PSU W30L120 OC	-	90 degree(s)	4000 K	>80
911401891085	RC132V G6 36S/840 PSD W30L120 OC	-	90 degree(s)	4000 K	>80
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	-	120 degree(s)	4000 K	>90
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	-	90 degree(s)	4000 K	>90
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	-	90 degree(s)	4000 K	>90
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	-	90 degree(s)	4000 K	>80
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	-	90 degree(s)	4000 K	>80
911401802487	RC132V G6 43S/840 WIA W60L60 OC	-	90 degree(s)	4000 K	>80
911401807687	RC132V G6 34S/830 PSU W60L60 OC	-	90 degree(s)	3000 K	>80
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	-	120 degree(s)	4000 K	>80
911401890885	RC132V G6 36S/840 PSD W60L60 OC	-	90 degree(s)	4000 K	>80
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	All-in, Multi Lumen	90 degree(s)	4000 K	>80
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	All-in, Multi Lumen	90 degree(s)	3000 K	>80
911401891285	RC132V G6 29_36_43S/830_40 PSD 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
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	132 lm/W	4,300 lm	Beam angle 90°
911401802887	RC132V G6 36S/840 WIA W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°
911401890785	RC132V G6 36S/840 PSU W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Optic type
911401891085	RC132V G6 36S/840 PSD W30L120 OC	138 lm/W	3,600 lm	Beam angle 90°
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	111 lm/W	5,000 lm	Beam angle 120°
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	107 lm/W	4,800 lm	Beam angle 90°

CoreLine Panel gen6

Order Code	Full Product Name	Luminous efficacy (rated)	Luminous	Optic type
		(nom.)	Flux	
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	107 lm/W	4,800 lm	Beam angle 90°
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	160 lm/W	3,600 lm	Beam angle 90°
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	153 lm/W	3,600 lm	Beam angle 90°
911401802487	RC132V G6 43S/840 WIA W60L60 OC	139 lm/W	4,300 lm	Beam angle 90°
911401807687	RC132V G6 34S/830 PSU W60L60 OC	131 lm/W	3,400 lm	Beam angle 90°

Order Code	Full Product Name	Luminous efficacy (rated)	Luminous	Optic type
		(nom.)	Flux	
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	138 lm/W	3,600 lm	Beam angle 120°
911401890885	RC132V G6 36S/840 PSD W60L60 OC	138 lm/W	3,600 lm	Beam angle 90°
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	141 lm/W	3,100 lm	Beam angle 90°
911401891185	RC132V G6 29_36_43S/ 830_40 PSU W60L60 OC	141 lm/W	2,900 lm	Beam angle 90°
911401891285	RC132V G6 29_36_43S/ 830_40 PSD W60L60 OC	141 lm/W	2,900 lm	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	Suitable for random switching
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	220-240 V	50 to 60 Hz	32 W	No
911401802887	RC132V G6 36S/840 WIA W30L120 OC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401890785	RC132V G6 36S/840 PSU W30L120 OC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401891085	RC132V G6 36S/840 PSD W30L120 OC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	220 to 240 V	50 or 60 Hz	45 W	Not applicable
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	220 to 240 V	50 or 60 Hz	45 W	Not applicable
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	220 to 240 V	50 or 60 Hz	45 W	Not applicable
911401800187	RC132V G6 36S/ UE840 PSU W60L60 OC	220 to 240 V	50 or 60 Hz	22.5 W	Not applicable
911401800287	RC132V G6 36S/ UE840 PSD W60L60 OC	220 to 240 V	50 or 60 Hz	23.5 W	Not applicable

Order Code	Full Product Name	Input Voltage	Line Frequency	Power Consumption	Suitable for random switching
911401802487	RC132V G6 43S/840 WIA W60L60 OC	220 to 240 V	50 or 60 Hz	31 W	Not applicable
911401807687	RC132V G6 34S/830 PSU W60L60 OC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401890885	RC132V G6 36S/840 PSD W60L60 OC	220 to 240 V	50 or 60 Hz	26 W	Not applicable
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	220 to 240 V	50 or 60 Hz	31 W	Not applicable
911401891185	RC132V G6 29_36_43S/ 830_40 PSU W60L60 OC	220 to 240 V	50 or 60 Hz	31 W	Not applicable
911401891285	RC132V G6 29_36_43S/ 830_40 PSD W60L60 OC	220 to 240 V	50 or 60 Hz	31 W	Not applicable

Controls and Dimming

CoreLine Panel gen6

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	Yes	Interact SNS210 sensor	Not applicable
911401802887	RC132V G6 36S/840 WIA W30L120 OC	Yes	-	1%
911401890785	RC132V G6 36S/840 PSU W30L120 OC	No	-	Not applicable
911401891085	RC132V G6 36S/840 PSD W30L120 OC	Yes	-	1%
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	No	-	Not applicable
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	No	-	Not applicable
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	Yes	-	1%
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	No	-	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Mech. impact protection code	Ingress protection code
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	White RAL 9003	IK02	IP20
911401802887	RC132V G6 36S/840 WIA W30L120 OC	White	IK02	IP20/44
911401890785	RC132V G6 36S/840 PSU W30L120 OC	White	IK02	IP20/44
911401891085	RC132V G6 36S/840 PSD W30L120 OC	White	IK02	IP20/44
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	White	IK03	IP65
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	White	IK03	IP65
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	White	IK03	IP65
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	White	IK02	IP20/44

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Flammability mark
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	0°C to 35°C	-
911401802887	RC132V G6 36S/840 WIA W30L120 OC	-10 to +35 °C	For mounting on normally flammable surfaces

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	Yes	-	1%
911401802487	RC132V G6 43S/840 WIA W60L60 OC	Yes	-	1%
911401807687	RC132V G6 34S/830 PSU W60L60 OC	No	-	Not applicable
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	No	-	Not applicable
911401890885	RC132V G6 36S/840 PSD W60L60 OC	Yes	-	1%
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	No	-	Not applicable
911401891185	RC132V G6 29_36_43S/ 830_40 PSU W60L60 OC	No	-	Not applicable
911401891285	RC132V G6 29_36_43S/ 830_40 PSD W60L60 OC	Yes	-	1%

Order Code	Full Product Name	Housing Colour	Mech. impact protection code	Ingress protection code
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	White	IK02	IP20/44
911401802487	RC132V G6 43S/840 WIA W60L60 OC	White	IK02	IP20/44
911401807687	RC132V G6 34S/830 PSU W60L60 OC	White	IK02	IP20/44
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	White	IK03	IP20/44
911401890885	RC132V G6 36S/840 PSD W60L60 OC	White	IK02	IP20/44
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	White	IK02	IP20/40
911401891185	RC132V G6 29_36_43S/ 830_40 PSU W60L60 OC	White	IK02	IP20/44
911401891285	RC132V G6 29_36_43S/ 830_40 PSD W60L60 OC	White	IK02	IP20/44

Order Code	Full Product Name	Ambient temperature range	Flammability mark
911401890785	RC132V G6 36S/840 PSU W30L120 OC	-10 to +35 °C	For mounting on normally flammable surfaces

CoreLine Panel gen6

Order Code	Full Product Name	Ambient temperature range	Flammability mark
911401891085	RC132V G6 36S/840 PSD W30L120 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	-10 to +35 °C	For mounting on normally flammable surfaces
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	-10 to +35 °C	For mounting on normally flammable surfaces
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	-10 to +35 °C	For mounting on normally flammable surfaces
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401802487	RC132V G6 43S/840 WIA W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces

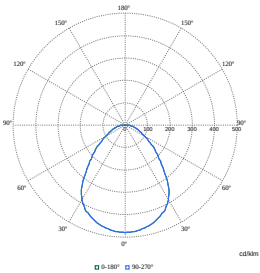
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911401807687	RC132V G6 34S/830 PSU W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	-10 to +35 °C	For mounting on normally flammable surfaces
911401890885	RC132V G6 36S/840 PSD W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	-10 to +35 °C	For mounting on normally flammable surfaces
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	-10 to +35 °C	For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)

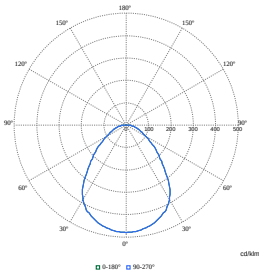
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910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	(0.38, 0.38) SDCM ≤3
911401802887	RC132V G6 36S/840 WIA W30L120 OC	(0.38, 0.38) SDCM ≤3
911401890785	RC132V G6 36S/840 PSU W30L120 OC	(0.38, 0.38) SDCM ≤3
911401891085	RC132V G6 36S/840 PSD W30L120 OC	(0.38, 0.38) SDCM ≤3
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	(0.38, 0.38) SDCM ≤3
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	(0.38, 0.38) SDCM ≤3
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	(0.38, 0.38) SDCM ≤3
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	(0.38, 0.38) SDCM ≤3

Order Code	Full Product Name	Initial chromaticity
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	(0.38, 0.38) SDCM ≤3
911401802487	RC132V G6 43S/840 WIA W60L60 OC	(0.38, 0.38) SDCM ≤3
911401807687	RC132V G6 34S/830 PSU W60L60 OC	(0.43, 0.40) SDCM ≤3
911401890285	RC132V G6 36S/840 PSU W60L60 NOC	(0.38, 0.38) SDCM ≤3
911401890885	RC132V G6 36S/840 PSD W60L60 OC	(0.38, 0.38) SDCM ≤3
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	(0.38, 0.38) SDCM ≤3
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	(0.38, 0.38) SDCM ≤3
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	(0.38, 0.38) SDCM ≤3

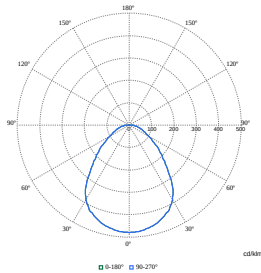
Polar Wide Diagrams



Polar Normal (separate) - RC132VI - 910505102802

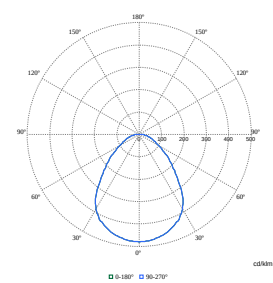
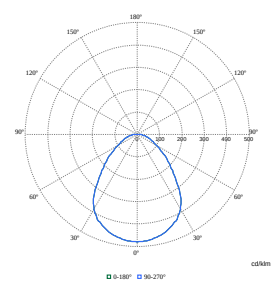
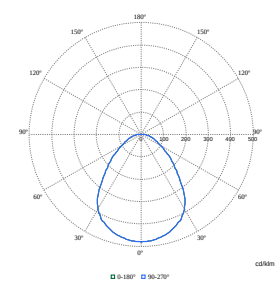


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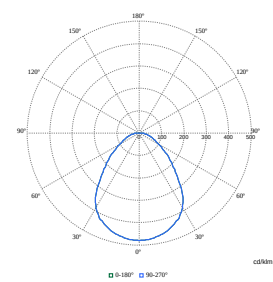
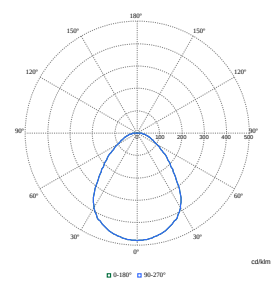
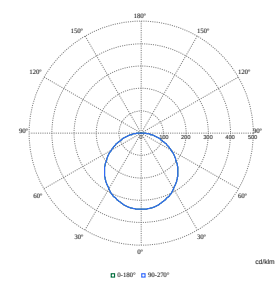
Polar Wide Diagrams



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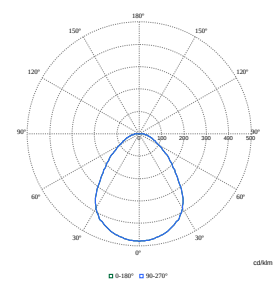
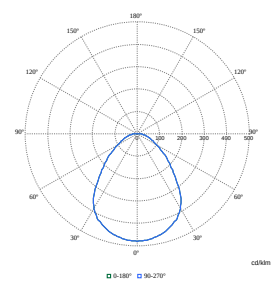
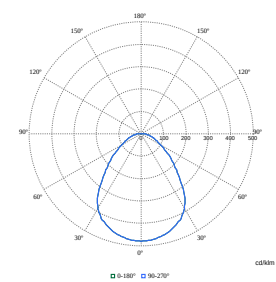
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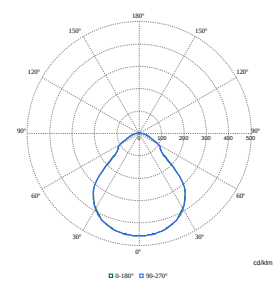
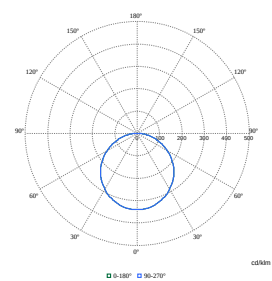
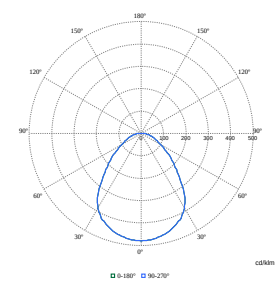
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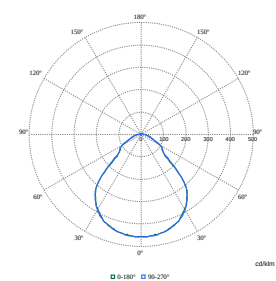


Polar Normal (separate) - null - 911401818787

Polar Normal (separate) - null - 911401891685

Polar Normal (separate) - null - 911401891785

Polar Wide Diagrams



Polar Normal (separate) - null - 911401891885

