



Install smarter, finish sooner Choose long-lasting reliability and performance

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 colour temperatures in a single luminaire. This simplifies product selection, enables you to adapt to customer preferences on site, and reduces the number of product codes required in 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

Applications

- Offices
- Healthcare
- Municipal buildings
- Education

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

Versions



CoreLine panel G5 SIA with
Sensor front side



CoreLine panel G6 W30L120
RTP



CoreLine panel G6 W60L60
IP65



CoreLine Panel G6 W60xL120
RTP



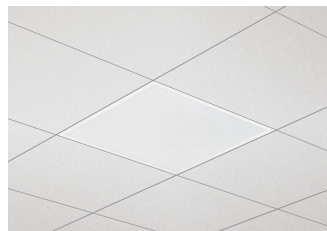
CoreLine panel G6 W60L60
RTP



Philips CoreLine panel G6 All
in MultiLumen W60L60

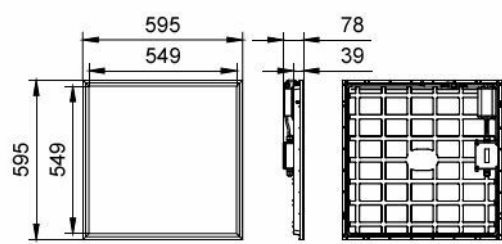


Philips CoreLine panel G6 All
in W60L60

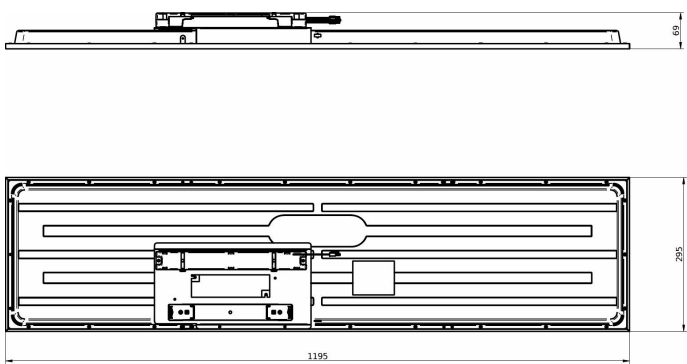


CoreLine Panel G6 Concealed
Celing version 599x599

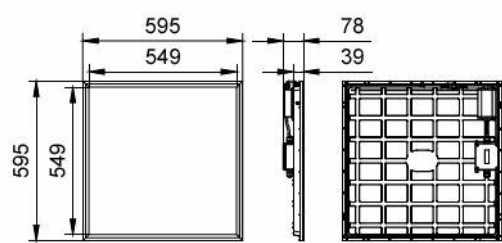
Dimensional drawing



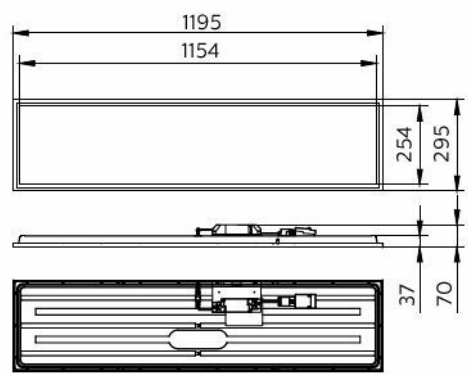
RC132V G6 50S/940 PSU W60L60 NOC IP65



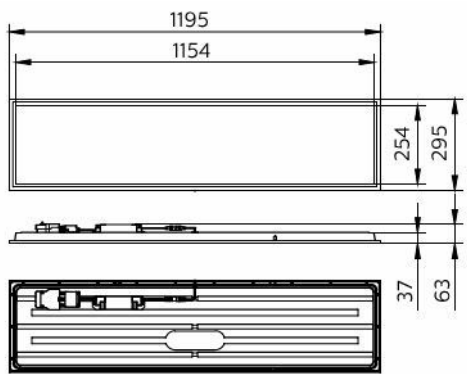
RC132V G6 36S/840 PSU W30L120 OC ELB3



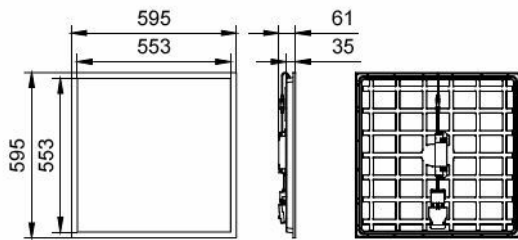
RC132V G6 48S/940 PSU W60L60 OC IP65



RC132V G6 36S/840 WIA W30L120 OC

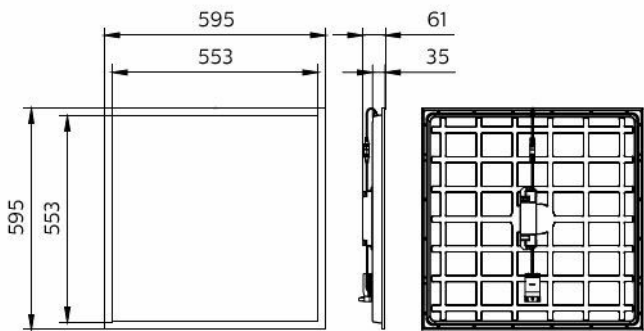


RC132V G6 36S/840 PSD W30L120 OC



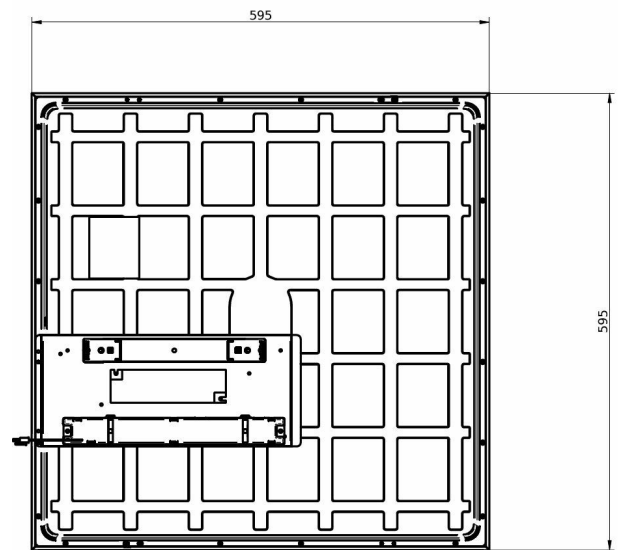
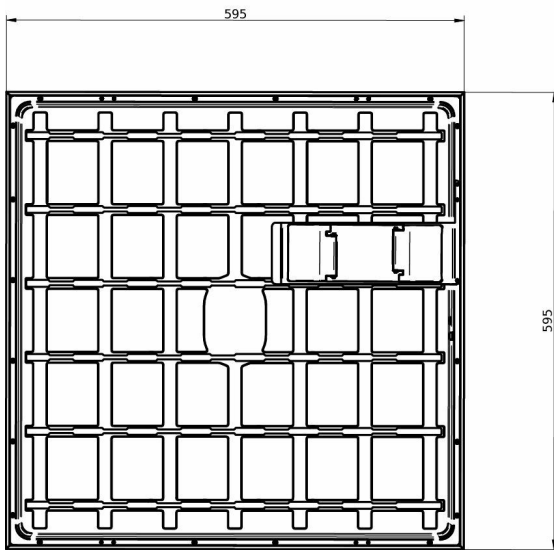
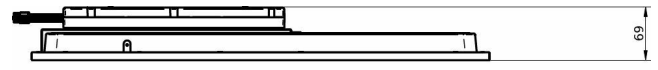
RC132V G6 31_43S/840 PSU ELR IK03 60x60

RC132V G6 43S/840 WIA W60L60 OC



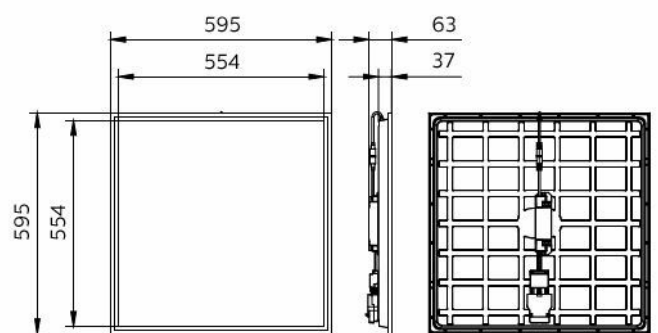
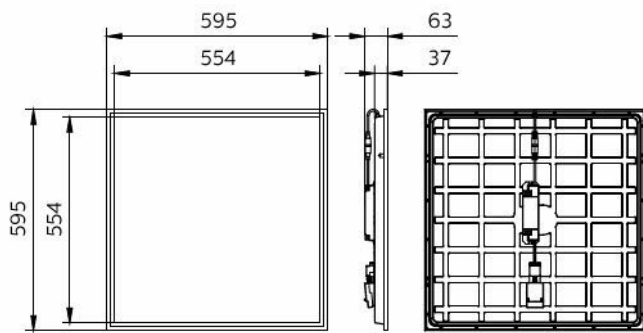
RC132V G6 31_36_43S/840 PSU W60L60OCUKI

RC132V G6 36S/UE840 PSD 599x599SQ OC CPC



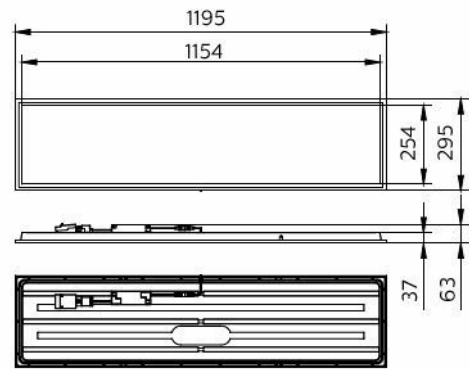
RC132V G6 43S/840 SIA W60L60 OC IA4

RC132V G6 36S/840 PSU W60L60 OC ELB3



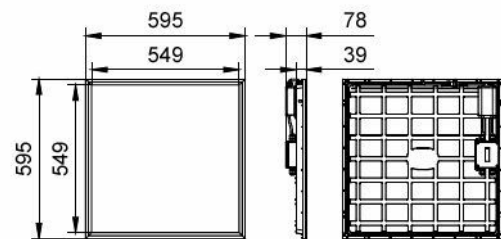
RC132V G6 29_36_43S/830_40 PSU W60L60 OC

RC132V G6 29_36_43S/830_40 PSD W60L60 OC



RC132V G6 36S/840 PSU W30L120 OC

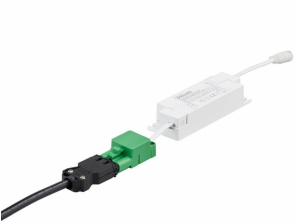
RC132V G6 36S/UE840 PSU W60L60 OC



RC132V G6 48S/940 PSD W60L60 OC IP65

RC132V 60S/840 PSU W60L120 OC

Product details



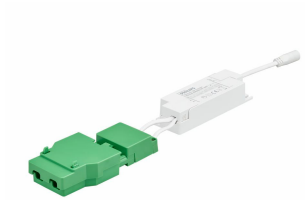
CoreLine panel G6 PSU Green connector fits Wieland W3 connector



CoreLine panel G6 PSU W60L60 back side DPP



CoreLine panel G6 IP65 PSU driver



CoreLine panel G6 PSU driver DPP



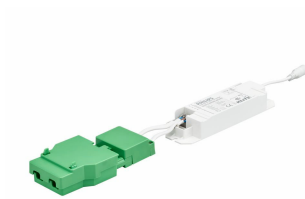
CoreLine panel G6 WIA back side DPP



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 Concealed Celing version 599x599 detail frontside



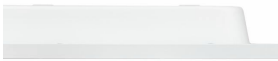
CoreLine panel G6 PSD All in W60L60 back side DPP



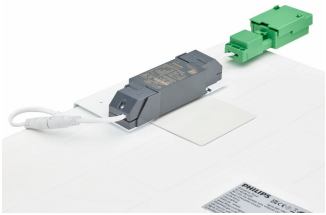
CoreLine Panel RC132V IK03 ELR Optic



CoreLine panel G6 IP65 PSD driver



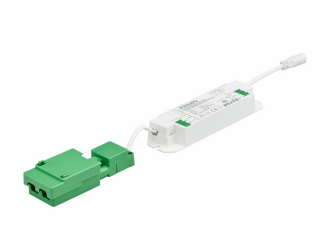
CoreLine panel G6 side angle
DPP



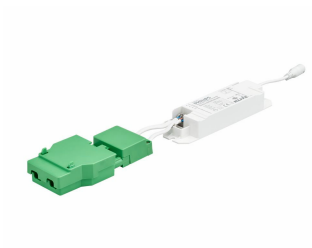
CoreLine panel G6 WIA driver
DPP



CoreLine panel G6 All in
driver open DPP



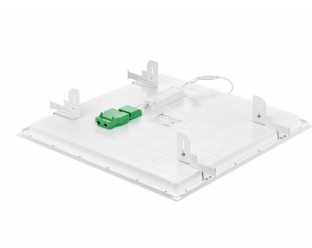
CoreLine panel G6 All in
driver DPP



CoreLine panel G6 PSU driver
open DPP



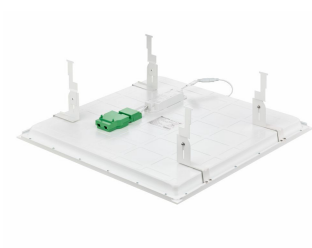
CoreLine panel G6 PSD
W60L60 back side DPP



CoreLine Panel G6 Concealed
Celing version 599x599
backside closed brackets



CoreLine Panel G6 Concealed
Celing version 599x599 detail
backside



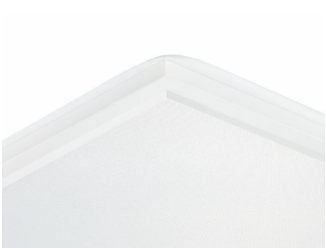
CoreLine Panel G6 Concealed
Celing version 599x599
backside open brackets



CoreLine panel G6 IP65 PSD
back side



CoreLine Panel RC132V IK03
ELR Backplate



CoreLine panel G6 W60L60
OC Optical window DPP



CoreLine panel G6 IP65 PSU
back side



CoreLine panel G6 PSD driver
DPP

General Information

Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Operating and Electrical

Protection class IEC	Safety class II
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Mechanical and Housing

Explosion hazard class	-
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Emergency Operation

Power consumption during Central DC emergency mode	2 W
Rated duration of the emergency lighting (when fully charged)	3 h
Central Emergency	No
Type of emergency lighting battery	Lithium

Approval and Application

CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Initial Performance (IEC Compliant)

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

Product Data

Product family code	RC132V [CORELINE PANEL]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Colour rendering index (CRI)	Beam angle of light source	Optic type	All-in Type
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	4,300 lm	4000 K	135 lm/W	>80	90 degree(s)	Beam angle 90°	-
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	3,600 lm	4000 K	133 lm/W	>80	90 degree(s)	Beam angle 90°	All-in, Multi Color Temperature
911401802887	RC132V G6 36S/840 WIA W30L120 OC	3,600 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401890785	RC132V G6 36S/840 PSU W30L120 OC	3,600 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401891085	RC132V G6 36S/840 PSD W30L120 OC	3,600 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	5,000 lm	4000 K	110 lm/W	>90	120 degree(s)	Beam angle 120°	-
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	4,800 lm	4000 K	105 lm/W	>90	90 degree(s)	Beam angle 90°	-
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	4,800 lm	4000 K	105 lm/W	>90	90 degree(s)	Beam angle 90°	-
911401888287	RC132V 60S/840 PSU W60L120 OC	6,000 lm	4000 K	140 lm/W	>80	-	Beam angle 90°	-
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	3,600 lm	4000 K	133 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	3,600 lm	4000 K	160 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	3,600 lm	4000 K	153 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401802487	RC132V G6 43S/840 WIA W60L60 OC	4,300 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	3,100 lm 3,600 lm 4,300 lm	4000 K	140 lm/W	>80	-	Beam angle 90°	All-in, Multi Lumen
911401890885	RC132V G6 36S/840 PSD W60L60 OC	3,600 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	-
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	3,100 lm 3,600 lm 4,300 lm	4000 K	140 lm/W	>80	90 degree(s)	Beam angle 90°	All-in, Multi Lumen
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	2,900 lm 3,100 lm 3,350 lm 3,600 lm 4,000 lm 4,300 lm	3000 K 3500 K 4000 K	140 lm/W 130 lm/W	>80	90 degree(s)	Beam angle 90°	All-in, Multi Lumen All-in, Multi Color Temperature
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	2,900 lm 3,100 lm 3,350 lm 3,600 lm 4,000 lm 4,300 lm	3000 K 3500 K 4000 K	140 lm/W 130 lm/W	>80	90 degree(s)	Beam angle 90°	All-in, Multi Lumen All-in, Multi Color Temperature
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	3,600 lm	4000 K	153 lm/W	>80	-	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
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	220-240 V	50 to 60 Hz	27 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
911401888287	RC132V 60S/840 PSU W60L120 OC	220 to 240 V	50 or 60 Hz	43 W	Not applicable
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	220-240 V	50 to 60 Hz	27 W	No
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
911401802487	RC132V G6 43S/840 WIA W60L60 OC	220 to 240 V	50 or 60 Hz	31 W	Not applicable
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	220 to 240 V	50 or 60 Hz	31 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 22 W	Not applicable
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	220 to 240 V	50 or 60 Hz	31 W 22 W	Not applicable
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	220 to 240 V	50 or 60 Hz	31 W 22 W	Not applicable
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	220 to 240 V	50 or 60 Hz	23.5 W	Not applicable

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level	Embedded control
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	Yes	10%	Interact SC200 sensor
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	No	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%	-
911401888287	RC132V 60S/840 PSU W60L120 OC	No	Not applicable	-
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	No	Not applicable	-
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	No	Not applicable	-
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	Yes	1%	-
911401802487	RC132V G6 43S/840 WIA W60L60 OC	Yes	1%	-
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	No	-	-
911401890885	RC132V G6 36S/840 PSD W60L60 OC	Yes	1%	-

Order Code	Full Product Name	Dimmable	Maximum dim level	Embedded control
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%	-
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	Yes	1%	-

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Ingress protection code	Mech. impact protection code
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	White	IP20	IK02
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	White	IP20/44	IK03
911401802887	RC132V G6 36S/840 WIA W30L120 OC	White	IP20/44	IK02
911401890785	RC132V G6 36S/840 PSU W30L120 OC	White	IP20/44	IK02
911401891085	RC132V G6 36S/840 PSD W30L120 OC	White	IP20/44	IK02
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	White	IP65	IK03
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	White	IP65	IK03
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	White	IP65	IK03
911401888287	RC132V 60S/840 PSU W60L120 OC	White	IP20 (IP44 front)	IK03
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	White	IP20/44	IK03
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	White	IP20/44	IK02
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	White	IP20/44	IK02
911401802487	RC132V G6 43S/840 WIA W60L60 OC	White	IP20/44	IK02
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	White RAL 9003	IP20/40	IK03
911401890885	RC132V G6 36S/840 PSD W60L60 OC	White	IP20/44	IK02
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	White	IP20/40	IK02
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	White	IP20/44	IK02
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	White	IP20/44	IK02
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	White	IP20 (front IP40)	IK02

Emergency Operation

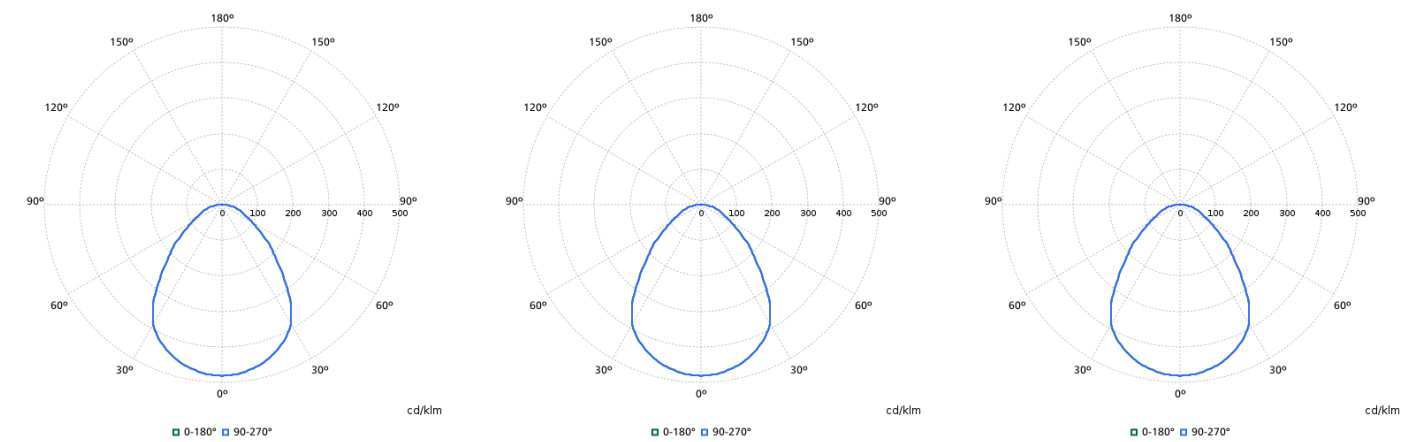
Order Code	Full Product Name	Emergency flux	Emergency lighting
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	-	-
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	250 lm	Emergency lighting 3-hours duration basic version
911401802887	RC132V G6 36S/840 WIA W30L120 OC	-	-
911401890785	RC132V G6 36S/840 PSU W30L120 OC	-	-
911401891085	RC132V G6 36S/840 PSD W30L120 OC	-	-
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	-	-
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	-	-
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	-	-
911401888287	RC132V 60S/840 PSU W60L120 OC	380 lm	Emergency lighting ready (through compatible battery kit accessory)
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	250 lm	Emergency lighting 3-hours duration basic version
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	-	-

Order Code	Full Product Name	Emergency flux	Emergency lighting
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	-	-
911401802487	RC132V G6 43S/840 WIA W60L60 OC	-	-
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	380 lm	Emergency lighting ready (through compatible battery kit accessory)
911401890885	RC132V G6 36S/840 PSD W60L60 OC	-	-
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	-	-
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	-	-
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	-	-
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	-	-

Approval and Application

Order Code	Full Product Name	Glow-wire test	Flammability mark	Ambient temperature range
910505102802	RC132V G6 43S/840 SIA W60L60 OC IA4	Temperature 650 °C, duration 30 s	-	0°C to 35°C
910505102819	RC132V G6 36S/840 PSU W30L120 OC ELB3	Temperature 850 °C, duration 30 s	-	0°C to 35°C
911401802887	RC132V G6 36S/840 WIA W30L120 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401890785	RC132V G6 36S/840 PSU W30L120 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891085	RC132V G6 36S/840 PSD W30L120 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891685	RC132V G6 50S/940 PSU W60L60 NOC IP65	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891785	RC132V G6 48S/940 PSU W60L60 OC IP65	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891885	RC132V G6 48S/940 PSD W60L60 OC IP65	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401888287	RC132V 60S/840 PSU W60L120 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
910505102816	RC132V G6 36S/840 PSU W60L60 OC ELB3	Temperature 850 °C, duration 30 s	-	0°C to 35°C
911401800187	RC132V G6 36S/UE840 PSU W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401800287	RC132V G6 36S/UE840 PSD W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401802487	RC132V G6 43S/840 WIA W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401830488	RC132V G6 31_43S/840 PSU ELR IK03 60x60	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401890885	RC132V G6 36S/840 PSD W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401818787	RC132V G6 31_36_43S/840 PSU W60L60OCUKI	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891185	RC132V G6 29_36_43S/830_40 PSU W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401891285	RC132V G6 29_36_43S/830_40 PSD W60L60 OC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C
911401888487	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC	Temperature 650 °C, duration 30 s	For mounting on normally flammable surfaces	-10 to +35 °C

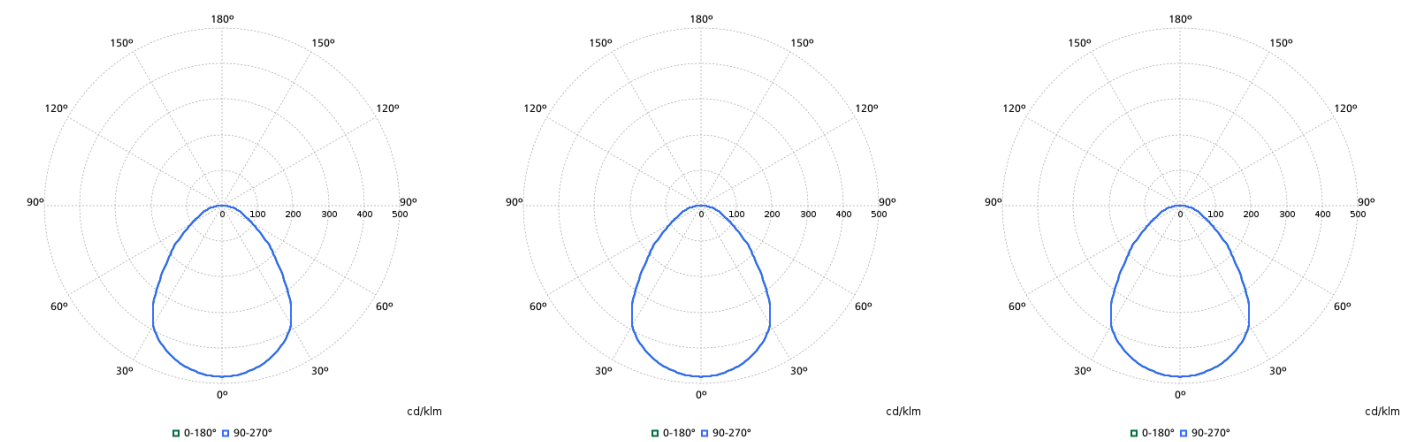
Polar normal diagrams



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RC132VI - 910505102802

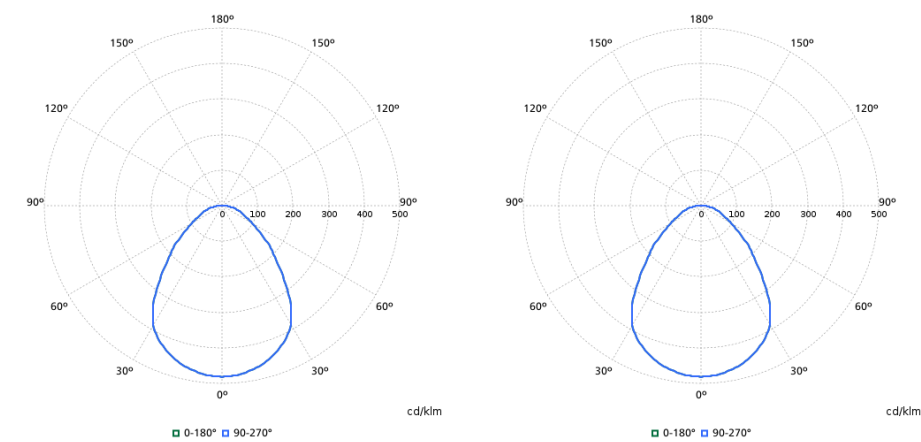
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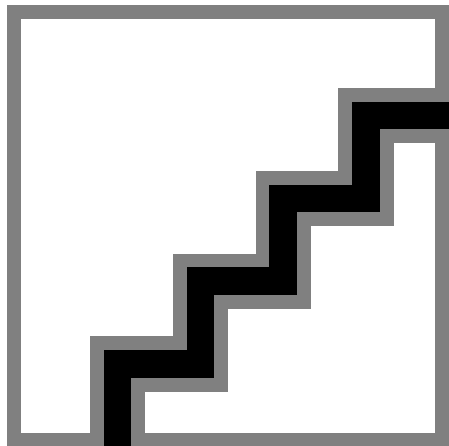
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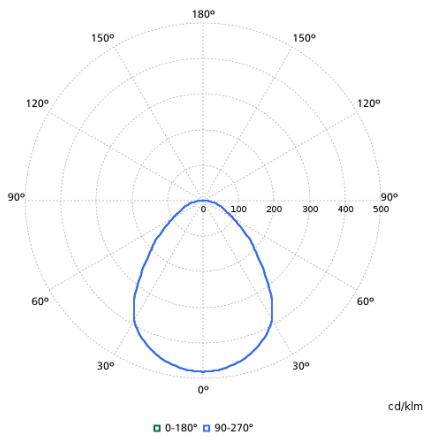


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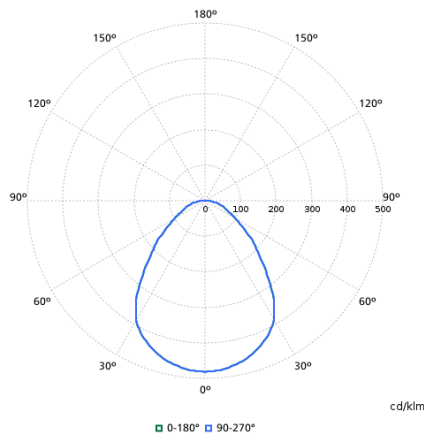
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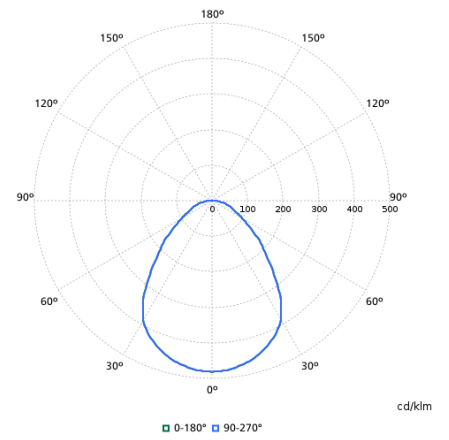
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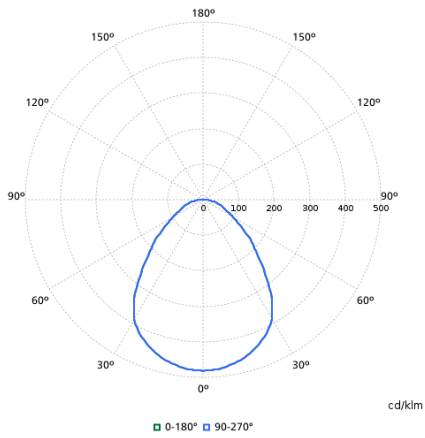
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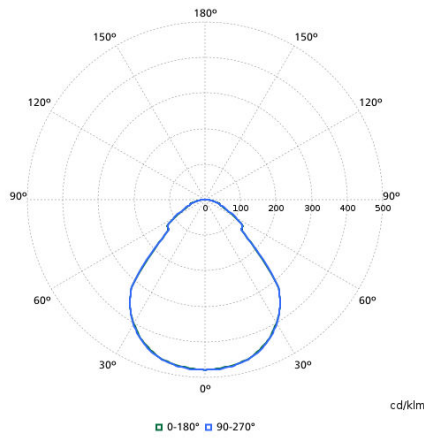
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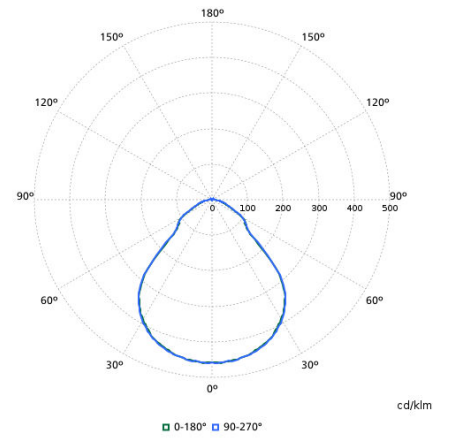
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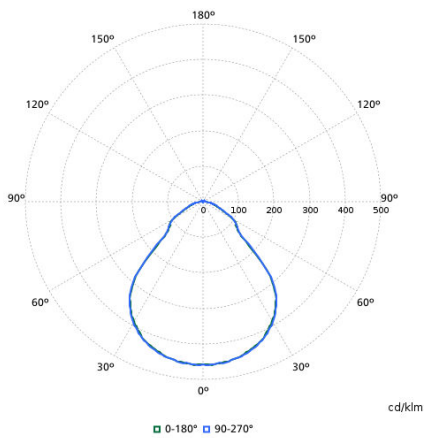
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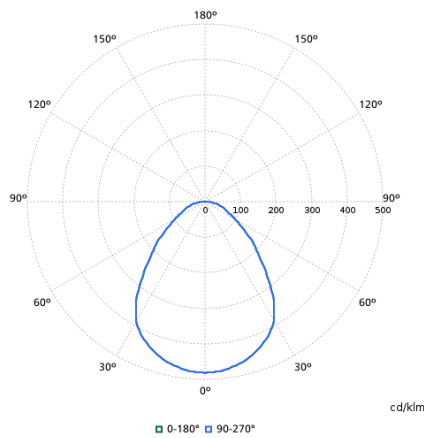
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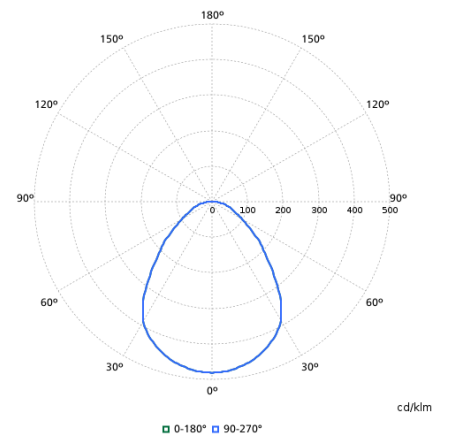
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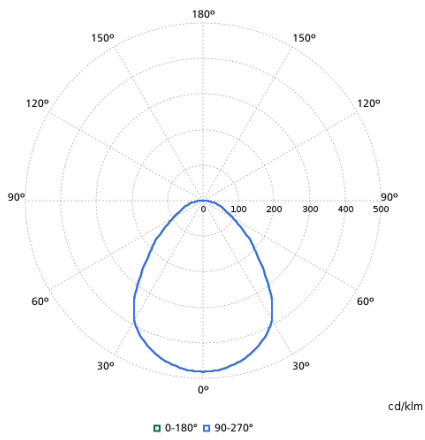
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