



Slim and reliable

GreenPerform Panel RC160V is an edge lit slim panel with high efficacy in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Its lower UGR offers better visual comfort as well. In addition, RC160V offers easy connection to control system to bring better energy saving.

Benefits

- High lm/w provides better energy saving
- Dali and Interact interfaces available for easy internet connection
- Lower UGR offer for WELL building certificate
- Multiple mountings to cater for various applications

Applications

- Open plan office
- Public indoor area
- Meeting/training room

Features

- System efficiency: max 130lm/W
- CRI 80 and 90 available with SDCM 4
- UGR19 / 16 available for certain types
- IP54 front/IP20 back available for certain types

Versions

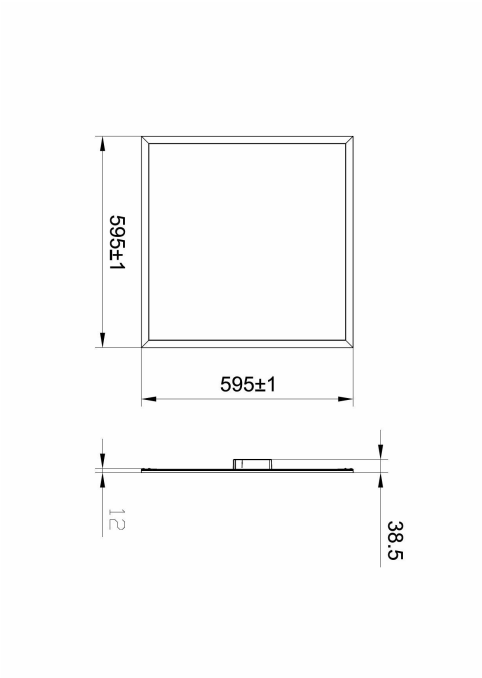


GreenPerform panel

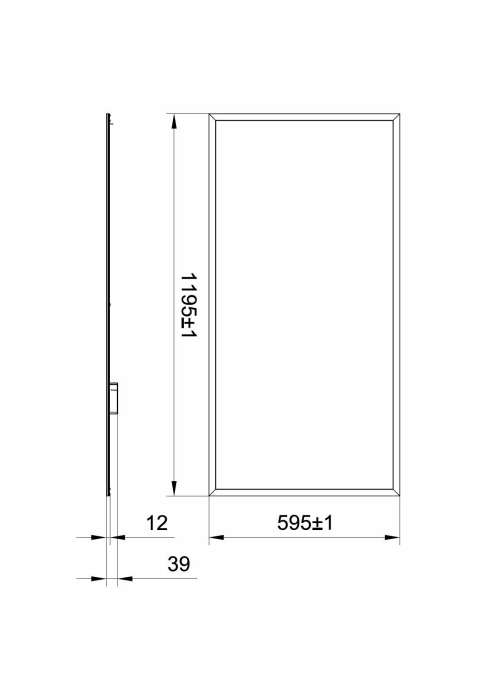


GreenPerform panel

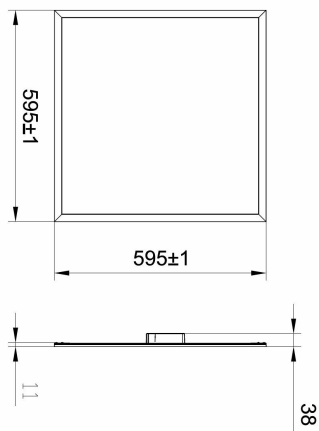
Dimensional drawing



RC160V LED37/830 W60L60 PSU OC



RC160V LED60/840 W60L120 PSU



RC160V LED37/8TW W60L60

General Information

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

Light Technical

Number of light sources	240
Optic type	Beam angle 100°

Operating and Electrical

Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Maximum dim level	0% (digital)
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Mechanical and Housing

Housing Color	White RAL 9003
Optical cover type	PS

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Ambient temperature range	-20 to +40 °C

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401532047	RC160V LED60/840 W60L120 PSU	6,310 lm	4000 K	137 lm/W	≥80
911401509832	RC160V LED37/830 W60L60 PSU	3,700 lm	3000 K	122 lm/W	80
911401531347	RC160V LED37/830 W60L60 PSU	3,810 lm	3000 K	126 lm/W	≥90
911401532247	RC160V LED37/830 W60L60 PSU OC	3,810 lm	3000 K	126 lm/W	≥80
911401533147	RC160V LED27/830 W60L60 PSU 16	2,790 lm	3000 K	123 lm/W	≥80
911401558047	RC160V LED37/8TW W60L60	3,970 lm	Tunable white 2700-5000 K	132 lm/W	≥80

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
911401532047	RC160V LED60/840 W60L120 PSU	220 to 240 V	46 W
911401509832	RC160V LED37/830 W60L60 PSU	200 to 240 V	30 W
911401531347	RC160V LED37/830 W60L60 PSU	220 to 240 V	30 W
911401532247	RC160V LED37/830 W60L60 PSU OC	220 to 240 V	30 W
911401533147	RC160V LED27/830 W60L60 PSU 16	220 to 240 V	22.6 W
911401558047	RC160V LED37/8TW W60L60	220 to 240 V	30 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401532047	RC160V LED60/840 W60L120 PSU	Fixed
911401509832	RC160V LED37/830 W60L60 PSU	Fixed
911401531347	RC160V LED37/830 W60L60 PSU	Fixed
911401532247	RC160V LED37/830 W60L60 PSU OC	Fixed
911401533147	RC160V LED27/830 W60L60 PSU 16	Fixed
911401558047	RC160V LED37/8TW W60L60	DALI

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code	Mech. impact protection code
911401532047	RC160V LED60/840 W60L120 PSU	IP54/20	IK02
911401509832	RC160V LED37/830 W60L60 PSU	IP20	IK03
911401531347	RC160V LED37/830 W60L60 PSU	IP54/20	IK02
911401532247	RC160V LED37/830 W60L60 PSU OC	IP54/20	IK02
911401533147	RC160V LED27/830 W60L60 PSU 16	IP54/20	IK02
911401558047	RC160V LED37/8TW W60L60	IP54/20	IK02

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance
911401532047	RC160V LED60/840 W60L120 PSU	-10% / +10%
911401509832	RC160V LED37/830 W60L60 PSU	+/-10%
911401531347	RC160V LED37/830 W60L60 PSU	-10% / +10%
911401532247	RC160V LED37/830 W60L60 PSU OC	-10% / +10%
911401533147	RC160V LED27/830 W60L60 PSU 16	-10% / +10%
911401558047	RC160V LED37/8TW W60L60	-10% / +10%