Slim and reliable

RC160V

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

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

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

Specifications

Ingress protection	IP20IP54 front/IP20 back		**Installation**	Recessed

RC160V

Versions

GreenPerform panel

Dimensional drawing
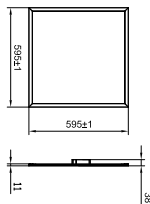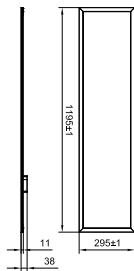
RC160V

General Information

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

Light Technical

Color rendering index (CRI)	80
Luminous Efficacy (rated) (Nom)	130 lm/W
Luminous Flux	3,900 lm
Optic type	Beam angle 100°

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	30 W
Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	Fixed
Maximum dim level	0% (digital)

Mechanical and Housing

Optical cover type	PS
Housing Color	White RAL 9003
Mech. impact protection code	IK03
Ingress protection code	IP20

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Number of light sources
911401510232	RC160V LED39/840 W30L120 PSU	4000 K	288
911401510332	RC160V LED39/865 W30L120 PSU	6500 K	288
911401509932	RC160V LED39/840 W60L60 PSU	4000 K	240

www.lighting.philips.com

2024, August 14 – data subject to change