

Lighting

PHILIPS

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
- \cdot 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
- \cdot CRI 80 and 90 available with SDCM 4
- \cdot UGR19 / 16 available for certain types
- \cdot IP54 front/IP20 back available for certain types

Application

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

Specifications

Ingress protection IP20IP54 front/IP20 back

Installation

Recessed

RC160V

Versions







GreenPerform panel

GreenPerform panel

GreenPerform panel

Dimensional drawing







RC160V

General Information					
Driver included	Yes				
Gear	-				
Number of gear units	1 unit				
Service tag	Yes				
Light Technical					
Correlated Color Temperature (Nom)	4000 K				
Color rendering index (CRI)	80				
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				
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	ІКОЗ				
Ingress protection code	IP20				
Approval and Application					
Ambient temperature range	-20 to +40 °C				
CE mark	Yes				
ENEC mark	-				
Flammability mark	-				
Glow-wire test	Temperature 650				
	°C, duration 30 s				
Initial Performance (IEC Compliant)					
Luminous flux tolerance	+/-10%				

Light Technical

		Luminous Efficacy		Number of light
Order Code	Full Product Name	(rated) (Nom)	Luminous Flux	sources
911401529432	RC160V LED39/840 W30L120 PSU	130 lm/W	3,900 lm	288
	OC CAU			
911401529732	RC160V LED60/840 W60L120 PSU	131 lm/W	6,000 lm	384
	OC CAU			
911401529132	RC160V LED39/840 W60L60 PSU	130 lm/W	3,900 lm	240
	OC CAU			

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401529432	RC160V LED39/840 W30L120 PSU OC CAU	30 W	911401529132	RC160V LED39/840 W60L60 PSU OC CAU	30 W
911401529732	RC160V LED60/840 W60L120 PSU OC CAU	46 W			

RC160V



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