RC160V

RC160V LED60/840 W60L120 PSU 54

RC160V, 131 lm/W, 840 neutral white, Fixed Output

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.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	3 years

Light Technical	
Luminous Flux	6,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131 lm/W
Color rendering index (CRI)	80
Number of light sources	384
Light source color	840 neutral white
Optic type	Beam angle 100°
Luminaire light beam spread	100°
Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	380 A
Inrush time	38 ms
Power Consumption	46 W
Power Factor (Fraction)	0.9
Connection	-
Number of products on MCB of 16 A type B	14
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming	
Dimmable	Fixed
Control interface	Fixed Output
Maximum dim level	0% (digital)

Mechanical and Housing	
Housing Material	Aluminum extruded
Reflector material	-

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Optic material	Polystyrene
Optical cover material	Polystyrene
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Diamond
Overall length	1,195 mm
Overall width	595 mm
Overall height	39 mm
Overall diameter	1,195 mm
Dimensions (Height x Width x Depth)	39 x 595 x 1195 mm
Ingress protection code	IP54/20 [Dust accumulation protected, splash-proof/finger protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	PS
Net Weight (Piece)	4.400 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

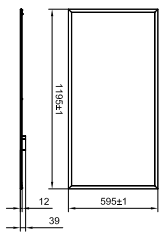
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Order product name	RC160V LED60/840 W60L120 PSU 54
Full product name	RC160V LED60/840 W60L120 PSU 54
Full product code	872016954973999
Order code	911401513232
Material Nr. (12NC)	911401513232
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169549739
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169549739

Dimensional drawing



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