



RC160V

RC160V LED29/840 W30L120 PSD 16 CAU

RC160V, 133 lm/W, 840 neutral white, DALI

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		Operating and Electrical	
Number of gear units	1 unit	Input Voltage	200 to 240 V
Gear	-	Line Frequency	50 to 60 Hz
Driver included	Yes	Inrush current	230 A
Light source engine type	LED	Inrush time	25 ms
Value ladder	Performance	Power Consumption	22 W
Warranty period	3 years	Power Factor (Fraction)	0.9
Connection		-	
Number of products on MCB of 16 A type B		30	
Suitable for random switching		Not applicable	
Protection class IEC		Safety class II	
Light Technical		Controls and Dimming	
Luminous Flux	2,900 lm	Dimmable	DALI
Correlated Color Temperature (Nom)	4000 K	Control interface	DALI
Luminous Efficacy (rated) (Nom)	133 lm/W	Maximum dim level	Programmable
Color rendering index (CRI)	80	Mechanical and Housing	
Number of light sources	288	Housing Material	Aluminum extruded
Light source color	840 neutral white	Reflector material	-
Optic type	Beam angle 100°		
Luminaire light beam spread	100°		
Unified glare rating CEN	16		

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Optic material	Polycarbonate
Optical cover material	Polystyrene
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Diamond
Overall length	1,195 mm
Overall width	295 mm
Overall height	38.5 mm
Overall diameter	1,195 mm
Dimensions (Height x Width x Depth)	39 x 295 x 1195 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	2.300 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 LED29/840 W30L120 PSD 16 CAU
Full product name	RC160V LED29/840 W30L120 PSD 16 CAU
Order code	911401532432
Material Nr. (12NC)	911401532432
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

