



GreenPerform Panel Ultra Efficient RC200B

RC200B LED37/840 PSU W30L120 UE

GreenPerform Panel Ultra Efficient RC200B, 182.3 lm/W, 220 gold

GreenPerform ultra efficient panel RC200B delivers max 180lm/w system efficacy which significantly brings the energy saving and reduces the carbon dioxide emission. By means of its unique light engine design, RC200B provides excellent uniformity too. Both 600x600mm and 300x1200 sizes are provided to cater for most of the office applications.

Product data

General Information		Color rendering index (CRI)	
Number of gear units	1 unit	Color rendering index (CRI)	80
Gear	-	Number of light sources	336
Driver included	Yes	Beam angle of light source	110 degree(s)
Light source engine type	LED	Light source color	220 gold
Service tag	Yes	Optic type	Beam angle 110°
Value ladder	Specification	Luminaire light beam spread	110°
Warranty period	3 years	Effective projected area	0.352 m ²
Light Technical		Operating and Electrical	
Luminous Flux	3,700 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	182.3 lm/W	Inrush current	12.24 A
		Inrush time	200 ms

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Power Consumption	20.3 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	2 meter cable (Eca class) GST18/3 M WIELAND with security lock Cable 0.2 m without plug
Number of products on MCB of 16 A type B	80
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Control interface	-
Maximum dim level	0% (digital)

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White RAL 9003
Mounting device	Frame for recessed mounting
Optical cover finish	Frosted
Overall length	1,195 mm
Overall width	295 mm
Overall height	36 mm
Overall diameter	1,195 mm
Dimensions (Height x Width x Depth)	36 x 295 x 1195 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Optical cover type	Polycarbonate Diffuser
Net Weight (Piece)	2.890 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	12 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +45 °C

UV

UV-C radiation	0 W
UV-C irradiance defined at 0.2m	0 mW/m ²

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(x:0.382,y:0.380)<=3 SDCM
Power consumption tolerance	+/-10%

Product Data

Order product name	RC200B LED37/840 PSU W30L120 UE
Full product name	RC200B LED37/840 PSU W30L120 UE
Full product code	872016954605999
Order code	911401504943
Material Nr. (12NC)	911401504943
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169546059
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169546059

