



RC199V LED36/840 PSU W60L60 OC UE

GreenPerform ultra efficient panel RC199B, 170 lm/W, 840 neutral white, Fixed Output

GreenPerform ultra efficient panel is a direct lit panel with up to 170lm/w system efficacy (PSU driver) in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Interact system option and Dali interface are available for wide option for system connection. Its lower UGR offers better visual comfort as well.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Light Technical	
Luminous Flux	3,900 lm
Luminous Efficacy (rated) (Nom)	170 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Number of light sources	96
Light source color	840 neutral white

Optic type	Beam angle 100°
Optical cover type	PS
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	36 A
Inrush time	210 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
Connection	-

Datasheet, 2024, September 6 data subject to change

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Ambient temperature range -20 to +45 °C Controls and Dimming Dimmable Fixed Control interface Fixed Output Mechanical and Housing Housing Material Optic material Polystyrene Optical cover material Housing Color White RAL 9003 Mounting device - Optical cover finish Overall length Overall width Overall height Overall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IRO2 [0.2 J standard] Protection class IEC Safety class II	Number of products on MCB of 16 A type B 16		
Ambient temperature range -20 to +45 °C Controls and Dimming Dimmable Fixed Control interface Fixed Output Mechanical and Housing Housing Material Optic material Polystyrene Optical cover material Housing Color White RAL 9003 Mounting device - Optical cover finish Overall length Overall width 595 mm Overall height 35 mm Overall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code Mech. impact protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IRO2 [0.2 J standard] Protection class IEC Safety class II	Temperature		
Dimmable Control interface Fixed Output Mechanical and Housing Housing Material Optic material Optical cover material Housing Color Mounting device Optical cover finish Overall length Overall width Overall height Overall diameter Dimensions (Height x Width x Depth) Ingress protection code Mech. impact protection code Fixed Fi	Ambient temperature range	-20 to +45 °C	
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Mechanical and Housing Housing Material Aluminum extruded Optic material Polystyrene Optical cover material Polystyrene Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II		Final	
Mechanical and Housing Housing Material Aluminum extruded Optic material Polystyrene Optical cover material Polystyrene Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II			
Housing Material Aluminum extruded Optic material Polystyrene Optical cover material Polystyrene Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall diameter 595 mm Overall diameter 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Control interface	Fixed Output	
Optic material Polystyrene Optical cover material Polystyrene Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Mechanical and Housing		
Optical cover material Polystyrene Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Housing Material	Aluminum extruded	
Housing Color White RAL 9003 Mounting device - Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Optic material	Polystyrene	
Mounting device Optical cover finish Diamond Overall length 595 mm Overall width 595 mm Overall diameter 595 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II	Optical cover material	Polystyrene	
Optical cover finish Overall length Overall width Overall width Overall height Overall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II	Housing Color	White RAL 9003	
Overall length 595 mm Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Mounting device	-	
Overall width 595 mm Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Optical cover finish	Diamond	
Overall height 35 mm Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected; Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Overall length	595 mm	
Overall diameter 595 mm Dimensions (Height x Width x Depth) 35 x 595 x 595 mm Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II	Overall width	595 mm	
Approval and Application Ingress protection code	Overall height	35 mm	
Approval and Application Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Overall diameter	595 mm	
Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II	Dimensions (Height x Width x Depth)	35 x 595 x 595 mm	
Ingress protection code IP20/40 [Finger-protected;Wire-protected] Mech. impact protection code IK02 [0.2 J standard] Protection class IEC Safety class II			
Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II	Approval and Application		
Protection class IEC Safety class II	Ingress protection code	IP20/40 [Finger-protected;Wire-protected]	
,	Mech. impact protection code	IK02 [0.2 J standard]	
Glow-wire test Temperature 650 °C, duration 30 s	Protection class IEC	Safety class II	
	Glow-wire test	Temperature 650 °C, duration 30 s	

Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
EU RoHS compliant	Yes
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	0% (digital)
Suitable for random switching	Not applicable
Product Data	
Order product name	RC199V LED36/840 PSU W60L60 OC UE
Full product name	RC199V LED36/840 PSU W60L60 OC UE
Order code	911401546744
Material Nr. (12NC)	911401546744
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.600 kg
Numerator - Packs per outer box	4

Dimensional drawing



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