



# GreenPerform ultra efficient panel RC199B

## RC199V LED50/940 PSD W60L120 OC UE

GreenPerform ultra efficient panel RC199B, 148 lm/W, 940 neutral white, DALI

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		Light source color	
Number of gear units	1 unit	Light source color	940 neutral white
Gear	-	Optic type	Beam angle 100°
Driver included	Yes	Unified glare rating CEN	19
Light source engine type	LED	Operating and Electrical	
Warranty period	3 years	Input Voltage	200 to 240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	5,000 lm	Inrush current	39 A
Correlated Color Temperature (Nom)	4000 K	Inrush time	210 ms
Luminous Efficacy (rated) (Nom)	148 lm/W	Power Consumption	33.5 W
Color rendering index (CRI)	90	Power Factor (Fraction)	0.9
Number of light sources	144	Connection	-
		Number of products on MCB of 16 A type B	15

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Suitable for random switching	Not applicable
Protection class IEC	Safety class II
<b>Controls and Dimming</b>	
Dimmable	DALI
Control interface	DALI
Maximum dim level	0% (digital)
<b>Mechanical and Housing</b>	
Housing Material	Aluminum extruded
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	35 mm
Overall diameter	1,195 mm
Dimensions (Height x Width x Depth)	35 x 595 x 1195 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	PS
Net Weight (Piece)	3.300 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 +45 °C

### Initial Performance (IEC Compliant)

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

### Product Data

Order product name	RC199V LED50/940 PSD W60L120 OC UE
Full product name	RC199V LED50/940 PSD W60L120 OC UE
Order code	911401550744
Material Nr. (12NC)	911401550744
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

## Dimensional drawing

