



# GreenPerform ultra efficient panel RC199B

## RC199V LED37/840 PSD W60L60 UE

GreenPerform ultra efficient panel RC199B, 165 lm/W, 840 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		Optic type	
Number of gear units	1 unit	Optical cover type	PS
Gear	-	Unified glare rating CEN	22
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	200 to 240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	3,750 lm	Inrush current	36 A
Luminous Efficacy (rated) (Nom)	165 lm/W	Inrush time	210 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	23 W
Color rendering index (CRI)	80	Power Factor (Fraction)	0.9
Number of light sources	96	Connection	-
Light source color	840 neutral white		

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Number of products on MCB of 16 A type B 16	
<b>Temperature</b>	
Ambient temperature range	-20 to +45 °C
<b>Controls and Dimming</b>	
Dimmable	DALI
Control interface	DALI
<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	595 mm
Overall width	595 mm
Overall height	34 mm
Overall diameter	595 mm
Dimensions (Height x Width x Depth)	34 x 595 x 595 mm
<b>Approval and Application</b>	
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
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%

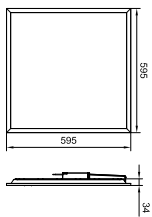
## Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Suitable for random switching	Not applicable

## Product Data

Order product name	RC199V LED37/840 PSD W60L60 UE
Full product name	RC199V LED37/840 PSD W60L60 UE
Order code	911401547644
Material Nr. (12NC)	911401547644
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.500 kg
Numerator - Packs per outer box	4

## Dimensional drawing



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