

GreenPerform ultra efficient panel RC199B

RC199V LED36/840 PSU W30L120 OC CAU UE

GreenPerform ultra efficient panel RC199B, 156 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	3,620 lm
Luminous Efficacy (rated) (Nom)	156 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	-

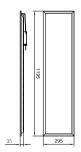
Datasheet, 2024, September 6 data subject to change

GreenPerform ultra efficient panel RC199B

Number of products on MCB of 16 A type B 16		
Number of products on MeB of 10 A type		
Temperature		
Ambient temperature range	-20 to +45 °C	
Controls and Dimming		
Dimmable	Fixed	
Control interface	Fixed Output	
Mechanical and Housing		
Housing Material	Aluminum extruded	
Optic material	Polystyrene	
Optical cover material	Polystyrene	
Housing Color	White RAL 9003	
Mounting device	Willie NAL 3003	
Optical cover finish	Diamond	
Overall length	1.195 mm	
Overall width	295 mm	
Overall height	35 mm	
Overall diameter	1.195 mm	
Dimensions (Height x Width x Depth)	35 x 295 x 1195 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	
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 W30L120 OC CAU
	UE
Full product name	RC199V LED36/840 PSU W30L120 OC CAU
	UE
Order code	911401548444
Material Nr. (12NC)	911401548444
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.700 kg
Numerator - Packs per outer box	4

Dimensional drawing



GreenPerform ultra efficient panel RC199B



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.