PHILIPS

Lighting

GreenPerform ultra efficient panel RC199B

RC199V LED54/840 PSU W60L120 OC UE

GreenPerform ultra efficient panel RC199B, 160 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	5,400 lm
Luminous Efficacy (rated) (Nom)	160 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	90
Number of light sources	144
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	39 A
Inrush time	210 ms
Power Consumption	33 W
Power Factor (Fraction)	0.9
Connection	-

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Number of products on MCB of 16 A type B	15

Temperature

Ambient temperature range	-20 to +45 °C

Controls and Dimming

Dimmable	DALI
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	-
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
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%

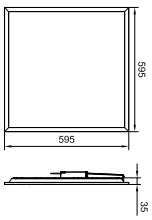
Application Conditions

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

Product Data

Order product name	RC199V LED54/840 PSU W60L120 OC UE
Full product name	RC199V LED54/840 PSU W60L120 OC UE
Order code	911401546544
Material Nr. (12NC)	911401546544
Numerator - Quantity Per Pack	1
Net Weight (Piece)	3.300 kg
Numerator - Packs per outer box	2

Dimensional drawing



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2024, September 6 - data subject to change