SmartBright Dual Select Direct-lit panel

RC170B LED31_37_41/SCCT PSU W60L60 GM

SmartBright Dual Select Direct-lit panel, 120 lm/W, Multi Color Temperature

The new Philips SmartBright Direct-lit Panel offers an excellent value, tri-colour/ Lumen lighting solution. Available in three sizes to suit a wide variety of standard applications, the new range is light, reliable and easy to install. The panel's brand new direct-lit design creates a brighter and healthier office environment rendering true and vibrant colours.

Product data

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	3 years

Light Technical

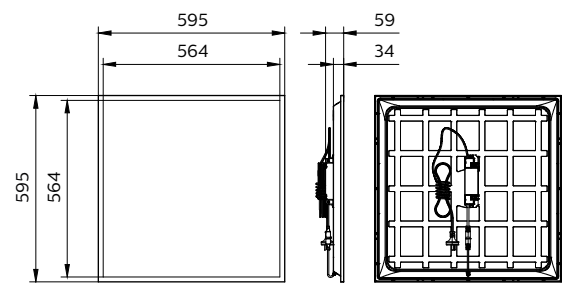|	
Luminous Flux	3,100 3,700 4,100 lm
Correlated Color Temperature (Nom)	Selectable
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	Multi Color Temperature
Optic type	Beam angle 120°

General Information

Luminaire light beam spread	120°
Unified glare rating CEN	23
Effective projected area	0.354 m²

Operating and Electrical

Input Voltage	200 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	30 A
Inrush time	0.3 ms
Power Consumption	26 31 34 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	13
Suitable for random switching	No

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Protection class IEC	Safety class II		**CE mark**	No
			ENEC mark	–
Controls and Dimming			**Photobiological risk**	Photobiological risk group 0 @ 200mm to EN62471
Dimmable	No		**Photobiological risk specification**	0.2 m
Control interface	–		**EU RoHS compliant**	Yes
Maximum dim level	Not applicable		**Performance ambient temperature Tq**	25 ℃
			Ambient temperature range	–10 to +45 ℃
Mechanical and Housing				
Housing Material	Steel		**Initial Performance (IEC Compliant)**	
Reflector material	Steel		**Luminous flux tolerance**	–10%,+15%
Optic material	Polymethyl methacrylate		**Initial chromaticity**	(0.38, 0.38) SDCM≤5
Optical cover material	Polystyrene		**Power consumption tolerance**	+/–10%
Housing Color	White RAL 9003			
Mounting device	–		**Product Data**	
Optical cover finish	Opal		**Order product name**	RC170B LED31_37_41/SCCT PSU W60L60 GM
Overall length	595 mm			
Overall width	595 mm		**Full product name**	RC170B LED31_37_41/SCCT PSU W60L60 GM
Overall height	59 mm			
Dimensions (Height x Width x Depth)	59 x 595 x 595 mm		**Full product code**	872016976854399
Ingress protection code	IP20 [Finger–protected]		**Order code**	911401851287
Mech. impact protection code	IK02 [0.2 J standard]		**Material Nr. (12NC)**	911401851287
Optical cover type	PS		**Numerator – Quantity Per Pack**	1
Net Weight (Piece)	1.400 kg		**EAN/UPC – Product/Case**	8720169768543
			Numerator – Packs per outer box	4
Approval and Application			**EAN/UPC – Case**	8720169768574
Glow–wire test	Temperature 650 ℃, duration 30 s			
Flammability mark	For mounting on normally flammable surfaces			

Dimensional drawing

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