



CoreLine panel

RC133V G5 29_36_43S/830_40 PSD W62L62 OC

CoreLine panel, All-in, 34.5 W, 24.5 W, 620x620 mm, 2900 lm, 3600 lm, 4300 lm, 3000 K, 3500 K, 4000 K, DALI, UGR19

Philips CoreLine panel Gen5 delivers on the CoreLine promise of innovation, easy installation and excellent illumination. Designed as a direct replacement for functional luminaires in general lighting applications, this LED panel light's innovative MultiLumen feature offers a choice of three lumen packages in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Installing this CoreLine RC132V LED panel is quick and easy too, thanks to a quick connector or Wieland connector. Interact Ready luminaires with integrated wireless communications are also available in this CoreLine range, ready to be used with Interact gateways, sensors and software.

Product data

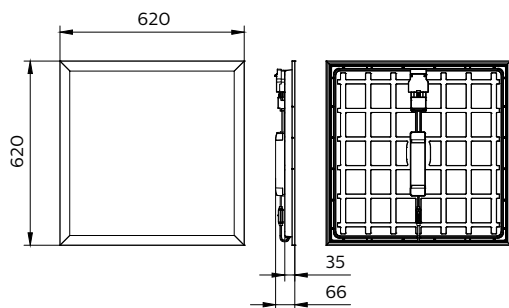
General Information		EU RoHS compliant	
Light source replaceable	No	Yes	
Number of gear units	1 unit		
Driver included	Yes		
Lighting Technology	LED		
Value ladder	Performance		
CE mark	Yes		
Warranty period	5 years		
Flammability mark	For mounting on normally flammable surfaces		
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 30 s		
Light Technical			
Luminous Flux	2,900 3,600 4,300 lm		
Saturated Red (R9)	<50		
Correlated Color Temperature (Nom)	3000 3500 4000 K		
Luminous Efficacy (rated) (Nom)	120 lm/W		
Color rendering index (CRI)	≥80		
Flickering value (PstLM)	1		
Stroboscopic effect value (SVM)	0.4		
Light source color	Multi Color Temperature		
Optic type	Beam angle 90°		
Luminaire light beam spread	90°		

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Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Inrush current	18.7 A
Inrush time	0.288 ms
Power Consumption	34.5 24.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	12
Temperature	
Ambient temperature range	–10 to +35 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	–
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	620 mm
Overall width	620 mm
Overall height	35 mm
Dimensions (Height x Width x Depth)	35 x 620 x 620 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Sustainability rating	–
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L75
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	3%
Suitable for random switching	Yes
Product Data	
Order product name	RC133V G5 29_36_43S/830_40 PSD W62L62 OC
Full product name	RC133V G5 29_36_43S/830_40 PSD W62L62 OC
Full product code	872016950181200
Order code	911401822685
Material Nr. (12NC)	911401822685
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169501812
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169501812

Dimensional drawing



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