



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	
Light source replaceable	No
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

EU RoHS compliant	Yes
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°

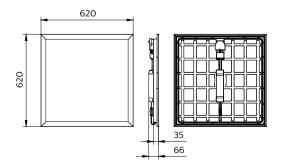
Datasheet, 2023, October 20 data subject to change

CoreLine panel

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]

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 5 % 50000 h Lumen maintenance at median useful life* L90 50000 h Lumen maintenance at median useful life* L75 100000 h 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	Sustainability rating	-	
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 5% 50000 h Lumen maintenance at median useful life* L90 50000 h Lumen maintenance at median useful life* L75 100000 h 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_435/830_40 PSD W62L62 OC Full product code 872016950181200 Order code 911401822685 Material Nr. (12NC) 911401822685 Numerator - Packs per outer box 1	Protection class IEC	Safety class II	
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	EAN/UPC - Product/Case	8720169501812	
EAN/UPC - Case 8720169501812	Numerator - Packs per outer box	1	
	EAN/UPC - Case	8720169501812	

Dimensional drawing



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