



CoreLine panel

RC132V G5 36S/840 PSD W60L60 OC

CoreLine panel, 28.5 W, 600x600 mm, 3600 lm, 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	3,600 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Light source color	840 neutral white
Optic type	Beam angle 90°

Datasheet, 2024, March 21 data subject to change

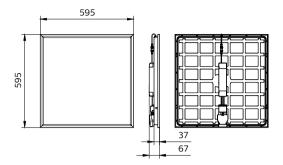
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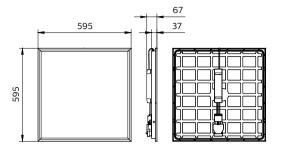
Luminaire light heam spread	90°
Luminaire light beam spread	
Unified glare rating CEN	19
Operating and Electrical	
Operating and Electrical	220, 240 V
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	18.3 A
Inrush time	0.276 ms
Power Consumption	28.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	
Number of products on MCB of 16 A type B	14
Temperature	
Ambient temperature range	-10 to +40 °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	595 mm
Overall width	595 mm
Overall height	67 mm
Dimensions (Height x Width x Depth)	67 x 595 x 595 mm
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-
mg. coo protection code	protected, splash-proof]
	protected, spiasii-pi00ij

Mech. impact protection code	IK03 [0.3 J]	
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	5 %	
50000 h		
Lumen maintenance at median useful life*	L90	
50000 h		
Lumen maintenance at median useful life*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	3%	
Suitable for random switching	Yes	
Product Data		
Order product name	RC132V G5 36S/840 PSD W60L60 OC	
Full product name	RC132V G5 36S/840 PSD W60L60 OC	
Full product code	871951495009200	
Order code	911401841584	
Material Nr. (12NC)	911401841584	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514950092	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8719514950092	

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Dimensional drawing







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