



CoreLine panel

RC132V G5 31_36_43S/840 PSD W60L60 OC

- 840 neutral white - Power supply unit with DALI and SystemReady interface

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			
Beam angle of light source	- degree(s)	Protection class IEC	Safety class II
Light source color	840 neutral white	Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	1 unit	CE mark	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	Beam angle 90°	Constant light output	No
Luminaire light beam spread	90°	Number of products on MCB of 16 A type B	12
Control interface	DALI	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Connection	Push-in connector 5-pole	Photobiological risk specification	0.2 m
Cable	-	EU RoHS compliant	Yes

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Unified glare rating CEN	19
Lighting Technology	LED
Brand	Philips
Value ladder	Performance

Light Technical

Luminous Flux	4,300 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Power Consumption	34.5 W
Inrush current	18.7 A
Inrush time	0.288 ms
Power Factor (Fraction)	0.9

Temperature

Ambient temperature range	-10 to +40 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Acrylate
Fixation material	-
Housing Color	White RAL 9003
Optical cover/lens finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	67 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
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Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Init. Corr. Color Temperature	4000 K
Initial chromaticity	(0.38, 0.38) SDCMs3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	0.05 %
50000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	-
75000 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

Full product code	871951495037500
Order product name	RC132V G5 31_36_43S/840 PSD W60L60 OC
Order code	911401844384
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401844384
Net weight	2.200 kg
Full product name	RC132V G5 31_36_43S/840 PSD W60L60 OC
EAN/UPC - Case	8719514950375



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Dimensional drawing

