PHILIPS Lighting



CoreLine panel

RC132V G5 36S/840 PSU W60L60 NOC

- 840 neutral white - Power supply unit (ON/OFF)

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)
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit (ON/OFF)
Driver included	Yes
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Control interface	-
Connection	Push-in connector 3-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	21
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Unified glare rating CEN	22
Lighting Technology	LED
Brand	Philips

CoreLine panel

Value ladder	Performance
Light Technical	
Luminous Flux	3,600 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	126 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Operating and Electrical	
Operating and Electrical	220.240.1/
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz 50 or 60 Hz
Input Frequency	
Initial CLO power consumption	- W - W
Average CLO power consumption	
Power Consumption	28.5 W
Inrush current	16 A
Inrush time	0.2 ms
Power Factor (Fraction)	0.9
Temperature	
Ambient temperature range	-10 to +40 °C
Controls and Dimming	
Dimmable	No
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	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	61 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm

Approval and Application

Ingress protection code

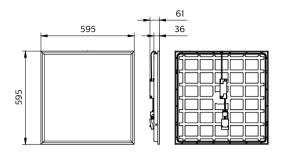
IP20/44 [Finger-protected; wireprotected, splash-proof]

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) SDCM≤3
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*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Full product code	871951495000900
Order product name	RC132V G5 36S/840 PSU W60L60 NOC
Order code	911401840684
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401840684
Net weight	1.900 kg
Full product name	RC132V G5 36S/840 PSU W60L60 NOC
EAN/UPC - Case	8719514950009

F IK 03

CoreLine panel

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, May 8 - data subject to change