PHILIPS Lighting



CoreLine panel

RC132V LED36S/840 W60L60 IA1 NOC

CoreLine panel, 34 W, 600x600 mm, 3600 lm, 4000 K, Wireless, Interact Ready

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
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Connectivity	Interact Ready
Lighting Technology	LED

Value ladder	Performance
Embedded control	Interact SNS210 sensor
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
Correlated Color Temperature (Nom)	4000 K

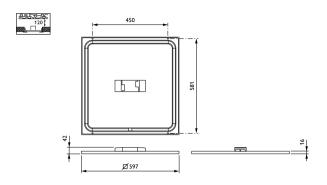
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Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	110°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	35 W
Inrush current	8 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Wireless
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	597 mm

Overall width	597 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected
	splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia Control gear failure rate at median useful	5 %
	5%
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5%
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	5%
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h	5 % L75
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	5 % L75 25 °C
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	5 % L75 25 °C 10%
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	5 % L75 25 °C 10% Yes
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Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	5 % L75 25 °C 10% Yes RC132V LED36S/840 W60L60 IA1 NOC RC132V LED36S/840 W60L60 IA1 NOC
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code	5 % L75 25 °C 10% Yes RC132V LED36S/840 W60L60 IA1 NOC RC132V LED36S/840 W60L60 IA1 NOC 871869938516300
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	5 % L75 L75 25 °C 10% Yes RC132V LED36S/840 W60L60 IA1 NOC RC132V LED36S/840 W60L60 IA1 NOC 871869938516300 912401483123
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	5 % L75 L75 25 °C 10% Yes RC132V LED36S/840 W60L60 IA1 NOC RC132V LED36S/840 W60L60 IA1 NOC 871869938516300 912401483123 912401483123
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	5 % L75 25 °C 10% Yes RC132V LED36S/840 W60L60 IA1 NOC RC132V LED36S/840 W60L60 IA1 NOC 871869938516300 912401483123 912401483123 1

CoreLine panel

Dimensional drawing





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