



CoreLine panel

RC132V LED36S/840 W30L120 IA1 OC

CoreLine panel, 34 W, 1200x300 mm, 3600 lm, 4000 K,
Wireless, Interact Ready, 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		Value ladder		Performance	
Light source replaceable	No	Embedded control		Interact SNS210 sensor	
Number of gear units	1 unit	CE mark		Yes	
Driver included	Yes	Warranty period		5 years	
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.	Flammability mark		For mounting on normally flammable surfaces	
Service tag	Yes	ENEC mark		ENEC mark	
Connectivity	Interact Ready	Glow-wire test		Temperature 650 °C, duration 30 s	
Lighting Technology	LED	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	90°
Unified glare rating CEN	19

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 B	24

Temperature

Ambient temperature range	+10 to +40 °C
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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	1,197 mm

Overall width	297 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 297 x 1197 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 Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Order product name	RC132V LED36S/840 W30L120 IA1 OC
Full product name	RC132V LED36S/840 W30L120 IA1 OC
Full product code	871869938523100
Order code	912401483130
Material Nr. (12NC)	912401483130
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385231
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385231

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Dimensional drawing

