CoreLine panel

RC128V LED34S/830 PSU W62L62 OC

CoreLine panel, 41 W, 620x620 mm, 3400 lm, 3000 K, 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

Lamp family code	LED34S [LED module, system flux 3400 lm]
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.
Product family code	RC128V [CORELINE PANEL OC]
Lighting Technology	LED
Value ladder	Performance

CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 ℃, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	83 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	–
Luminaire light beam spread	100°

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Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	17 A
Inrush time	0.25 ms
Power Consumption	41 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	28

Temperature

Ambient temperature range	+10 to +40 ℃

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	–
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall length	622 mm

Overall width	622 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 622 x 622 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.44, 0.41) SDCM <5
Power consumption tolerance	+/-10%

Application Conditions

Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes

Product Data

Order product name	RC128V LED34S/830 PSU W62L62 OC
Full product name	RC128V LED34S/830 PSU W62L62 OC
Full product code	871869607124300
Order code	910503910145
Material Nr. (12NC)	910503910145
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696071243
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696071243

Dimensional drawing

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www.lighting.philips.com

2023, December 5 – data subject to change