



# CoreLine panel

## RC128V LED36S/840 PSD W62L62 OC

CoreLine panel, 36 W, 620x620 mm, 3600 lm, 4000 K, DALI, 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	LED36S [LED module, system flux 3600 lm]	CE mark	Yes
Light source replaceable	No	Warranty period	3 years + 2 years upon registration
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 650 °C, duration 30 s
Lighting Technology	LED	EU RoHS compliant	Yes
Value ladder	Performance	Light Technical	
		Luminous Flux	3,600 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	100 lm/W
		Color rendering index (CRI)	≥80
		Light source color	840 neutral white

## CoreLine panel

Optic type	-
Luminaire light beam spread	100°
Unified glare rating CEN	19

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	36 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 with DALI interface
Control interface	DALI
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	IP20/44 [Finger-protected; wire-protected, splash-proof]
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	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Order product name	RC128V LED36S/840 PSD W62L62 OC
Full product name	RC128V LED36S/840 PSD W62L62 OC
Full product code	871869938071700
Order code	910503910305
Material Nr. (12NC)	910503910305
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699380717
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699380717

## Dimensional drawing

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