



# CoreLine Panel gen6

## RC133V G6 36S/840 PSED W62L62 OC

CoreLine Panel gen6, 27 W, Module 625, VPC, 3600 lm, 4000 K, DALI, UGR19, EL-DC

Philips CoreLine panel Gen6 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 All-in feature offers a choice of three lumen packages and three-color temperatures 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 the CoreLine RC132V LED panel is quick and easy, using the product's quick connector or flywire. The CoreLine range includes Interact Ready luminaires with integrated wireless communications, ready to be used with Interact gateways, sensors, and software.

### Product data

General Information			
Number of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	127 lm/W
Service tag	Yes	Color rendering index (CRI)	>80
Value ladder	Performance	Beam angle of light source	90 degree(s)
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Light source color	840 neutral white
Warranty period	5 years	Optic type	Beam angle 90°
Sustainability rating	-	Luminaire light beam spread	90°
Light Technical		Unified glare rating CEN	19
Luminous Flux	3,600 lm	Operating and Electrical	
Saturated Red (R9)	80	Input Voltage	220 to 240 V
		Line Frequency	50 or 60 Hz
		Inrush current	20.4 A

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Inrush time	0.195 ms
Power Consumption	27 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	Cable 0.25 m with connector 5-pole
Number of products on MCB of 16 A type B	24
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No
DALI Standard	DALI DALI-2™
Maximum dim level	10%
Embedded control	-
Photocell	-

## Mechanical and Housing

Housing Material	Aluminium
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Diamond
Reflector Finish	White reflector
Overall length	620 mm
Overall width	620 mm
Overall height	73 mm
Dimensions (Height x Width x Depth)	73 x 620 x 620 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK03 [0.3 J]
Mounting	Ceiling
Net Weight (Piece)	4.500 kg

## Emergency Operation

Emergency flux	360 lm
Central Emergency	Yes

Emergency lighting	DC operated central emergency lighting
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## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-10 to +35 °C

## Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +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* 35000 h	-
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L80

## Product Data

Order product name	RC133V G6 36S/840 PSED W62L62 OC
Full product name	RC133V G6 36S/840 PSED W62L62 OC
Full product code	872016958861500
Order code	910505102804
Material Nr. (12NC)	910505102804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169588615
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169588615
Product family code	RC133V [CORELINE PANEL]

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### Dimensional drawing

