



CoreLine Panel gen6

**RC132VG6_29_36_43/830_40 PSU
30x120OCWA3**

CoreLine Panel gen6, All-in, 32 W, 1200x30 mm, VPC, 2900 lm, 4300 lm, 3000 K, 4000 K, UGR19, WAGO 235

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		Saturated Red (R9)	
Number of gear units	1 unit		80
Driver included	Yes	Correlated Color Temperature (Nom)	3000 4000 K
Service tag	Yes	Luminous Efficacy (rated) (Nom)	136 125 lm/W
Value ladder	Performance	Color rendering index (CRI)	>80
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Beam angle of light source	90 degree(s)
Warranty period	5 years	Light source color	830 warm white, 840 neutral white
Sustainability rating	Unclassified	Optic type	Beam angle 90°
		Luminaire light beam spread	90°
		Unified glare rating CEN	19
		All-in Type	All-in, Multi Lumen All-in, Multi Color Temperature
Light Technical			
Luminous Flux	2,900 4,300 lm		

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Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	20 A
Inrush time	0.22 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wago
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Number of products on MCB of 16 A type B	21
Suitable for random switching	No
Protection class IEC	Safety class II
Feed-through wiring	-
Total harmonic distortion	20 %

Wiring	
Connector Type	WAGO 235

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	Not applicable
Embedded control	-
Photocell	-

Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	White reflector
Overall length	1,195 mm
Overall width	295 mm
Overall height	69 mm
Dimensions (Height x Width x Depth)	69 x 295 x 1195 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Explosion hazard class	-
Mounting	Ceiling
Safety device	SC [Safety cable]
Net Weight (Piece)	2.700 kg

Emergency Operation	
Central Emergency	No

Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
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	0 °C to 35 °C

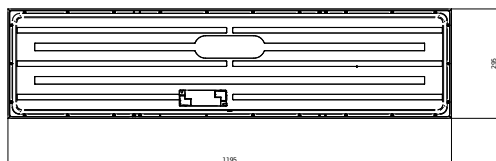
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM ≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

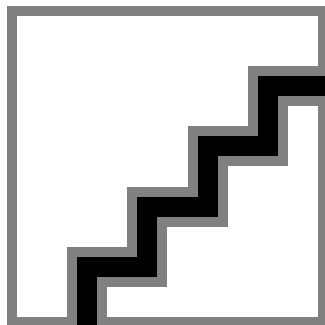
Product Data	
Order product name	RC132VG6_29_36_43/830_40 PSU 30x120OCWA3
Full product name	RC132VG6_29_36_43/830_40 PSU 30x120OCWA3
Full product code	872016958882000
Order code	58882000
Material Nr. (12NC)	910505102825
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169588820
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169588820

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Dimensional drawing



Photometric data



Polar Normal (separate) - RC132VI - 910505102825

