



CoreLine Panel gen6

RC132V G6 48S/940 PSU W60L60 OC IP65

CoreLine Panel gen6, 45 W, 600x600 mm, VPC, 4800 lm, 4000 K, CRI>90, UGR19

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
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	4,800 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	107 lm/W

Color rendering index (CRI)	>90
Beam angle of light source	90 degree(s)
Light source color	940 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	17.2 A
Inrush time	0.29 ms
Power Consumption	45 W

Datasheet, 2025, March 5 data subject to change

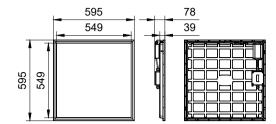
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Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	2 cables 0.15m with connectors 2-pole
Number of products on MCB of 16 A type B	20
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	Power supply unit external (On/On)
	No.
Constant light output	No Not applicable
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	595 mm
Overall width	595 mm
Overall height	78 mm
Dimensions (Height x Width x Depth)	78 x 595 x 595 mm
Compatible ceiling or ceiling installation	Visible profile ceiling version
accessory type	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK03 [0.3 J]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.900 kg
Emergency Operation	
Emergency Operation	
Control Emorgonou	No
Central Emergency	No
Central Emergency Approval and Application	No
	No Temperature 650 °C, duration 30 s
Approval and Application	

CE mark	Voc
CE mark	Yes ENEC month
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	1
per EN 61000-3-3	
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	5 %
50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	L85
median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	L75
median useful life* 100000 h	
Product Data	
Order product name	RC132V G6 48S/940 PSU W60L60 OC
	IP65
Full product name	RC132V G6 48S/940 PSU W60L60 OC
	IP65
Full product code	872016973561399
Order code	911401891785
Material Nr. (12NC)	911401891785
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169735613
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169735637

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Dimensional drawing





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