



CoreLine Panel G6

RC132V G6 40S/830 SIA W60L60 OC IA4

CoreLine Panel G6, 32 W, 600x600 mm, VPC, 4000 lm, 3000 K, Wireless, Interact Ready, IA4

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
Photocell	-
Product family code	RC132V [CORELINE PANEL]
Connectivity	Interact Ready
Value ladder	Performance
Embedded control	Interact SNS210 sensor
Safety device	SC [Safety cable]
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Mounting	Ceiling

Light Technical	
Luminous Flux	4,000 lm
Luminous Efficacy (rated) (Nom)	126 lm/W
Saturated Red (R9)	80
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	90 degree(s)
Light source color	830 warm white
Optic type	Beam angle 90°
Luminaire light beam spread	90°

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Unified glare rating CEN	19
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	9 A
Inrush time	0.25 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 2-pole
Cable	Cable 0.3 m with connector 2-pole
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	-10 to +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No

Mechanical and Housing

Housing Material	Aluminium
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Diamond
Reflector Finish	White reflector
Overall length	595 mm
Overall width	595 mm
Overall height	73 mm
Dimensions (Height x Width x Depth)	73 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version

Approval and Application

Ingress protection code	IP20 [No protection]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

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

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Order product name	RC132V G6 40S/830 SIA W60L60 OC IA4
Full product name	RC132V G6 40S/830 SIA W60L60 OC IA4
Full product code	872016958860800
Order code	910505102803
Material Nr. (12NC)	910505102803
Net Weight (Piece)	4.500 kg
EAN/UPC - Product/Case	8720169588608
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169588608

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Dimensional drawing

