



CoreLine Panel gen6

RC132VG6_29_36_43/830_40 PSU 30x1200CCCE

CoreLine Panel gen6, All-in, 32 W, 1200x30 mm, VPC, 2900 lm, 4300 lm, 3000 K, 4000 K, 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		Operating and Electrical	
Number of gear units	1 unit	Light source color	830 warm white, 840 neutral white
Driver included	Yes	Optic type	Beam angle 90°
Service tag	Yes	Luminaire light beam spread	90°
Value ladder	Performance	Unified glare rating CEN	19
Warranty period	5 years	All-in Type	All-in, Multi Lumen All-in, Multi Color Temperature
Light Technical		Input Voltage	220-240 V
Luminous Flux	2,900 4,300 lm	Line Frequency	50 to 60 Hz
Correlated Color Temperature (Nom)	3000 4000 K	Initial CLO power consumption	- W
Luminous Efficacy (rated) (Nom)	136 125 lm/W	Average CLO power consumption	- W
Color rendering index (CRI)	>80	Inrush current	20 A
Beam angle of light source	90 degree(s)		

CoreLine Panel gen6

Inrush time	0.22 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	Mains outlet socket
Cable	Cable 3.0 m with europlug connector 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 %

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)	2.400 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

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	26.7 kg CO ₂ e
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	48.6 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)

Product Data

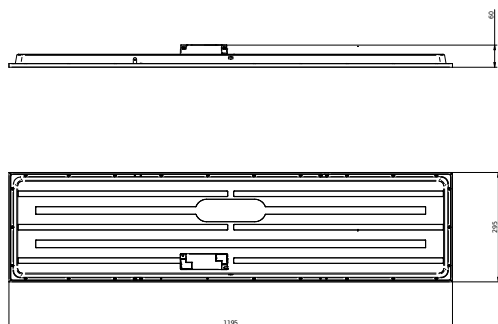
Order product name	RC132VG6_29_36_43/830_40 PSU 30x120OCCCE
Full product name	RC132VG6_29_36_43/830_40 PSU 30x120OCCCE
Full product code	872016958879000
Order code	58879000
Material Nr. (12NC)	910505102822

CoreLine Panel gen6

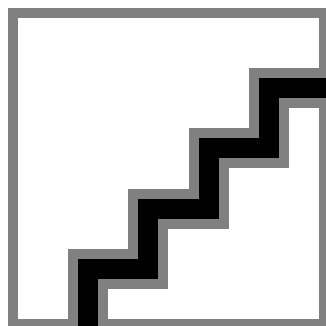
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169588790
Numerator - Packs per outer box	1

EAN/UPC - Case	8720169588790
----------------	---------------

Dimensional drawing



Photometric data



Polar Normal (separate) - RC132VI - 910505102822

