



CoreLine Panel gen6

RC132V G6 36S/UE840 PSU W60L60 NOC

CoreLine Panel gen6, UltraEfficient, 22.5 W, 600x600 mm, VPC, 3600 lm, 4000 K, EL-ready

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	840 neutral white
Driver included	Yes	Optic type	Beam angle 120°
Service tag	Yes	Luminaire light beam spread	120°
Value ladder	Performance	Unified glare rating CEN	22
Warranty period	5 years		
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	3,600 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	4000 K	Inrush current	20 A
Luminous Efficacy (rated) (Nom)	160 lm/W	Inrush time	0.2 ms
Color rendering index (CRI)	>80	Power Consumption	22.5 W
Beam angle of light source	120 degree(s)	Power Factor (Fraction)	0.9
		Connection	Push-in connector 2-pole

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Cable	-
Number of products on MCB of 16 A type B	23
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	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	62 mm
Dimensions (Height x Width x Depth)	62 x 595 x 595 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	IK03 [0.3 J]
Safety device	SC [Safety cable]
Net Weight (Piece)	1.720 kg

Emergency Operation

Emergency flux	380 lm
Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory

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 (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

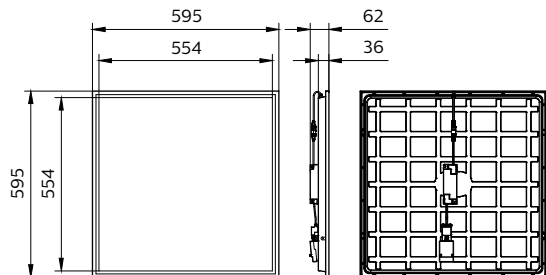
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO ₂ e
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	47.9 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate 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

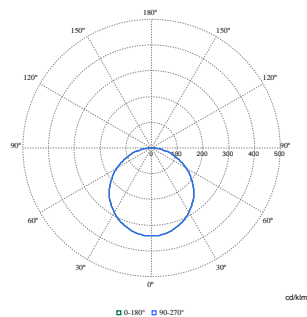
Order product name	RC132V G6 36S/UE840 PSU W60L60 NOC
Full product name	RC132V G6 36S/UE840 PSU W60L60 NOC
Full product code	872016974981899
Order code	911401800087
Material Nr. (12NC)	911401800087
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169749818
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750074

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401800087

