PHILIPS Lighting



CoreLine Panel gen6

RC132V G6 36S/UE840 PSD W60L60 OC

CoreLine Panel gen6, UltraEfficient, 23.5 W, 600x600 mm, VPC, 3600 lm, 4000 K, DALI, 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	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	153 lm/W
Color rendering index (CRI)	>80

Beam angle of light source	90 degree(s)
Light source color	840 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	25.2 A
Inrush time	0.26 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.9

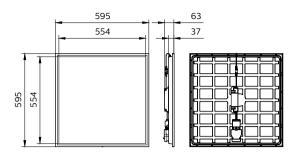
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Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	11
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2 TM
Maximum dim level	1%
	-
Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	63 mm
Dimensions (Height x Width x Depth)	63 x 595 x 595 mm
Compatible ceiling or ceiling installation	Visible profile ceiling version
accessory type	
Ingress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.250 kg
Emergency Operation	
Central Emergency	No
Approval and Application	
Approval and Application Glow-wire test	Temperature 650 °C, duration 30 s
	Temperature 650 °C, duration 30 s For mounting on normally flammable

CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm
- notopiological fisk	to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
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 ℃
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	L90
median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	L80
median useful life* 100000 h	
Product Data	
Order product name	RC132V G6 36S/UE840 PSD W60L60
	OC
Full product name	RC132V G6 36S/UE840 PSD W60L60
	OC
Full product code	872016974983299
Order code	911401800287
Material Nr. (12NC)	911401800287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169749832
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750098
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Dimensional drawing





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