CoreLine Panel gen6

RC133V G6 29_36_43S/830_40 PSD W62L62 OC

CoreLine Panel gen6, All-in, 31 W, 22 W, Module 625, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 3500 K, 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	2,900 3,100 3,350 3,600 4,000 4,300 lm
Correlated Color Temperature (Nom)	3000 3500 4000 K
Luminous Efficacy (rated) (Nom)	141 129 lm/W

Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Light source color	Multi Color Temperature
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen All-in, Multi Color Temperature

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

CoreLine Panel gen6

Inrush current	26 A
Inrush time	0.26 ms
Power Consumption	31 22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	21
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™
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	620 mm
Overall width	620 mm
Overall height	61 mm
Dimensions (Height x Width x Depth)	61 x 620 x 620 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.360 kg

Emergency Operation

Central Emergency	No

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 at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 100000 h	L75 L80

Product Data

Order product name	RC133V G6 29_36_43S/830_40 PSD W62L62 OC
Full product name	RC133V G6 29_36_43S/830_40 PSD W62L62 OC
Full product code	872016974992499
Order code	911401801487
Material Nr. (12NC)	911401801487
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169749924
Numerator – Packs per outer box	4
EAN/UPC – Case	8720169750210

CoreLine Panel gen6

Dimensional drawing