PHILIPS

RC132V G6 36S/UE840
PSD 599x599SQ OC CPC

911401888487



CoreLine Panel gen6, CPC ceiling, UltraEfficient, 23.5 W, 599x599 mm, CPC, 3600 lm, 4000 K, DALI, UGR19

CPC ceiling, 599x599 mm, Concealed profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, 3600 lm, 23.5 W, 153 lm/W, 4000 K, (0.38, 0.38) SDCM ≤3, UGR19, Beam angle 90°, Structured optic, Polystyrene, IP20(front IP40), IK02 | 0.2 J standard, Safety class II, Cable with connector, Push-in connector 5-pole

General Information

Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

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
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	22.6 A
Inrush time	0.254 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable with connector
Number of products on MCB of 16 A type B	11
Suitable for random switching	Yes
Protection class IEC	Safety class II

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	Polymethyl methacrylate
Optical cover material	Polystyrene
Fixation material	Steel
Housing Color	White
Optical cover finish	Structured optic
Overall length	600 mm
Overall width	600 mm
Overall height	35 mm
Dimensions (Height x Width x Depth)	35 x 600 x 600 mm
Compatible ceiling or ceiling installation accessory type	Concealed profile ceiling version
Ingress protection code	IP20(front IP40)
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.000 kg

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
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%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

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

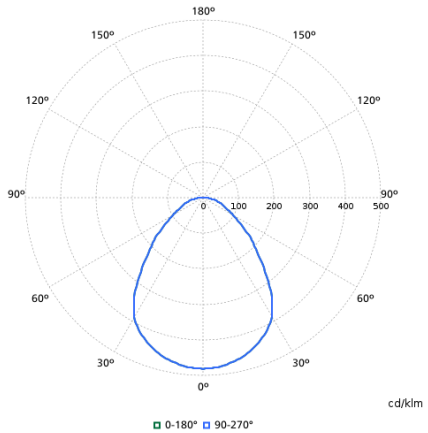
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO_2e
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	47.9 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC
Full product name	RC132V G6 36S/UE840 PSD 599x599SQ OC CPC
Full product code	872110331148199
Order code	911401888487
Material Nr. (12NC)	911401888487
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103311481
Numerator - Packs per outer box	6
EAN/UPC - Case	8721103311481

Dimensional drawing

Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401888587	RC159Z CPC bracket kit	Product Website

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-CoreLine-Panel-gen6-RC132V-W60L60-Ref-911401890585.pdf	Download
Tender text	Tender_Text_911401888487_en_AA.txt	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-599x599-v2.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-36s-ue840-psd-599x599sq-oc-cpc-911401888487.ies	Download
LDT File	rc132v-g6-36s-ue840-psd-599x599sq-oc-cpc-911401888487.ldt	Download
ROLF File	rc132v-g6-36s-ue840-psd-599x599sq-oc-cpc-911401888487.rolfz	Download
ULD File	rc132v-g6-36s-ue840-psd-599x599sq-oc-cpc-911401888487.uld	Download
Revit file	rc132v-g6-36s-ue840-psd-599x599sq-oc-cpc-911401888487.zip	Download

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