PHILIPS

RC132V G6 29_36_43S/ 830_40 PSDW30L120OC

911401801187



Multi ColorTemp | Multi Lumen | Service tag

CoreLine Panel gen6, All-in, 31 W, 22 W, 1200x300 mm, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 3500 K, 4000 K, DALI, UGR19

1200x300 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, All-in, Multi Lumen, All-in, Multi Color Temperature, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 31 W, 22 W, 140 lm/W, 130 lm/W, 3000 K, 3500 K, 4000 K, (0.38, 0.38) SDCM ≤3, UGR19, Beam angle 90°, Microprismatic lens, Polystyrene, IP20/44 | Finger-protected; wire-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, Push-in connector 4-pole, SC | Safety cable

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	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	140 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

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	26 A
Inrush time	0.26 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	15
Suitable for random switching	Yes
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	Microprismatic lens
Overall length	1,195 mm
Overall width	295 mm
Overall height	63 mm
Dimensions (Height x Width x Depth)	63 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]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.480 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 (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

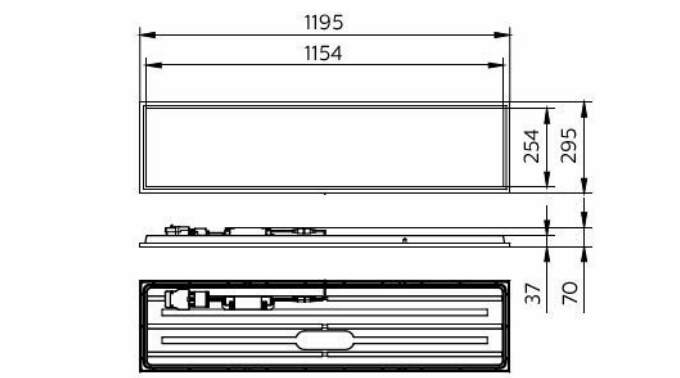
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	26.7 kg CO_2e
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	48.6 %
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

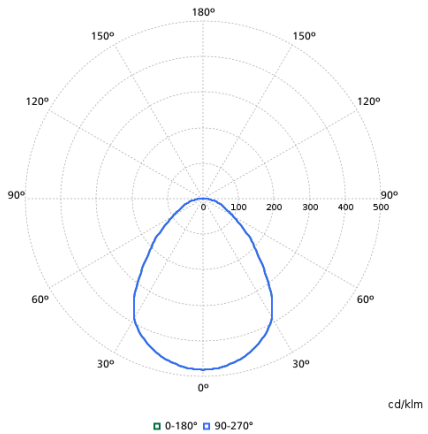
Product Data

Order product name	RC132V G6 29_36_43S/830_40 PSDW30L120OC
Full product name	RC132V G6 29_36_43S/830_40 PSDW30L120OC
Full product code	872016974989499
Order code	911401801187
Material Nr. (12NC)	911401801187
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169749894
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750180

Dimensional drawing



Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401807987	RC159Z SMB W30L120	Product Website
	911401808287	RC059Z SMB W30L120	Product Website
	911401809187	RC159Z Safety Cable	Product Website
	911401809287	RC159Z Plaster Ceiling SMB-PLC	Product Website
	911401809387	RC159Z Suspension set SME-4 WH	Product Website
	911401871188	RC159Z SMB W30L120 PREF	Product Website
	911401888587	RC159Z CPC bracket kit	Product Website

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-All-in.pdf	Download
Tender text	Tender_Text_911401801187_en_AA.txt	Download
Environmental Product Declaration	EPD-CoreLine-Panel-gen6-RC132V-W30L120-Ref-911401890785.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-29-36-43s-830-40-psdw30l120oc-911401801187.ies	Download
LDT File	rc132v-g6-29-36-43s-830-40-psdw30l120oc-911401801187.ldt	Download
ROLF File	rc132v-g6-29-36-43s-830-40-psdw30l120oc-911401801187.rolfz	Download
ULD File	rc132v-g6-29-36-43s-830-40-psdw30l120oc-911401801187.uld	Download
Revit file	rc132v-g6-29-36-43s-830-40-psdw30l120oc-911401801187.zip	Download

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