PHILIPS

Lighting

CoreLine Panel gen6

RC132V G6 40_43S/830_40 WIA 30x120 OC

CoreLine Panel gen6, All-in, 31 W, 1200x300 mm, VPC, 4000 lm, 4300 lm, 3000 K, 3500 K, 4000 K, Wireless, Interact Ready, UGR19

1200x300 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Wireless driver Interact System ready, All-in, Multi Color Temperature, 4000 lm, 4300 lm, 31 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 2-pole, SC | Safety cable

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical	
Luminous Flux	4,000 4,300 lm
Correlated Color Temperature (Nom)	3000 3500 4000 K
Luminous Efficacy (rated) (Nom)	140 130 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 Color Temperature

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	4.8 A
Inrush time	0.056 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	50
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

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Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready

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	70 mm
Dimensions (Height x Width x Depth)	70 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)	2.550 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

Sustainability rating	Unclassified
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 Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

Order product name	RC132V G6 40_43S/830_40 WIA 30x120 OC
Full product name	RC132V G6 40_43S/830_40 WIA 30x120 OC
Full product code	872016975132399
Order code	911401807487
Material Nr. (12NC)	911401807487
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751323
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169751408

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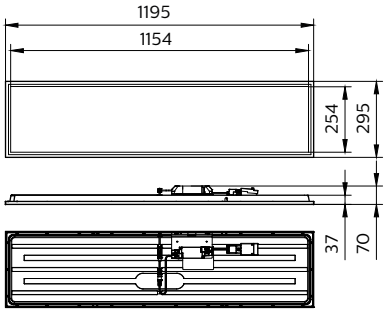
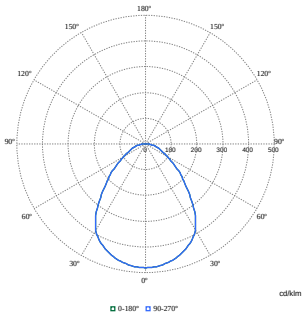
Dimensional drawing



Photometric data



Polar Normal (separate) - 911401807487

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