CoreLine panel

RC132V G5 34S/830 PSD W30L120 OC

– 830 warm white – Power supply unit with DALI and
SystemReady interface

Philips CoreLine panel Gen5 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 MultiLumen feature offers a choice of three lumen packages 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 this CoreLine RC132V LED panel is quick and easy too, thanks to a quick
connector or Wieland connector. Interact Ready luminaires with integrated wireless
communications are also available in this CoreLine range, ready to be used with
Interact gateways, sensors and software.

Product data

General Information		Protection class IEC	Safety class II
Beam angle of light source	– degree(s)	Glow-wire test	Temperature 650 °C, duration 30 s
Light source color	830 warm white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No		
Number of gear units	1 unit	CE mark	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface	ENEC mark	ENEC mark
		Warranty period	5 years
Driver included	Yes	Constant light output	No
Optic type	Beam angle 90°	Number of products on MCB of 16 A type B	14
Luminaire light beam spread	90°	Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Control interface	DALI		
Connection	Push-in connector 5-pole	Photobiological risk specification	0.2 m
Cable	–	EU RoHS compliant	Yes

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Unified glare rating CEN	19
Lighting Technology	LED
Brand	Philips
Value ladder	Performance

Light Technical

Luminous Flux	3,400 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Power Consumption	28.5 W
Inrush current	18.3 A
Inrush time	0.276 ms
Power Factor (Fraction)	0.9

Temperature

Ambient temperature range	–10 to +40 °C

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Acrylate
Fixation material	–
Housing Color	White RAL 9003
Optical cover/lens finish	Diamond
Overall length	1,195 mm
Overall width	295 mm
Overall height	67 mm
Dimensions (Height x Width x Depth)	NaN x NaN x NaN mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	–

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Init. Corr. Color Temperature	3000 K
Initial chromaticity	(0.43, 0.40) SDCM≤3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	0.05 %
Lumen maintenance at median useful life* 35000 h	–
Lumen maintenance at median useful life* 50000 h	L90
Lumen maintenance at median useful life* 75000 h	–
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	3%
Suitable for random switching	Yes

Product Data

Full product code	871951495012200
Order product name	RC132V G5 34S/830 PSD W30L120 OC
Order code	911401841884
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material number (12NC)	911401841884
Net weight	2.300 kg
Full product name	RC132V G5 34S/830 PSD W30L120 OC
EAN/UPC – Case	8719514950122

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Dimensional drawing

www.lighting.philips.com

2023, May 8 – data subject to change