CoreLine panel

RC132V LED36S/840 W60L60 IA1 NOC

CoreLine panel, 34 W, 600x600 mm, 3600 lm, 4000 K,
Wireless, Interact Ready

Whether for a new building or renovation of an existing space, customers want
lighting solutions that provide quality of light and substantial energy and
maintenance savings. The new CoreLine Panel range of LED products can be used
to replace functional luminaires in general lighting applications. Both Non-Office
Compliant (NOC) version and Office Compliant version (OC) are now available. The
process of selecting, installing and maintaining is so easy – it's a simple
switch.   Also available as an Interact Ready wireless CoreLine luminaire panel that
works with Interact Pro lighting software and InteractReady devices to provide a
connected lighting system for SMEs

Product data

General Information

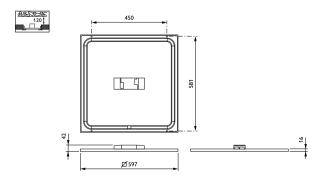|	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Connectivity	Interact Ready
Lighting Technology	LED
Value ladder	Performance

Embedded control	Interact SNS210 sensor
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	3,600 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	≥80

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Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	–
Luminaire light beam spread	110°
Unified Glare Rating (CEN)	22

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	35 W
Inrush current	8 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Wireless
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	–
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	597 mm

Overall height	42 mm
Dimensions (height x width x depth)	42 x 597 x 597 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	–
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L75

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Yes

Product Data

Order product name	RC132V LED36S/840 W60L60 IA1 NOC
Full product name	RC132V LED36S/840 W60L60 IA1 NOC
Full EOC	871869938516300
Order code	38516300
Material no. (12 NC)	912401483123
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699385163
Numerator – packs per outer box	1
EAN/UPC – Case	8718699385163

Dimensional drawing

CoreLine panel

www.lighting.philips.com

2023, December 5 – data subject to change