![PHILIPS Lighting]

CoreLine Panel

RC125B LED36S/840 PSU W60L60 NOC

CORELINE PANEL NOC - LED Module, system flux 3600 lm - 840
neutral white - Power supply unit - Width 0.60 m, length 0.60 m

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.

Product data

General Information

Lamp family code	LED36S [LED Module, system flux 3600 lm]
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Luminaire light beam spread	110°
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-

Warranty period	3 years + 2 years upon registration
Constant light output	No
Number of products on MCB of 16 A type B	28
RoHS mark	RoHS mark
Product family code	RC125B [CORELINE PANEL NOC]

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	17 A
Inrush time	0.25 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

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Mechanical and Housing

Geometry	Width 0.60 m, length 0.60 m
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover/lens material	Polystyrene
Fixation material	-
Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	597 mm
Overall height	42 mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.38, 0.38) SDCM <5
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

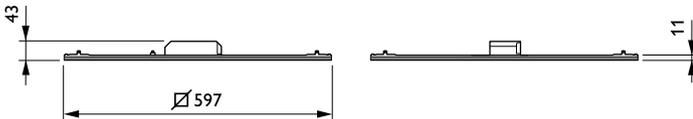|	
Driver failure rate at 5000 h	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869607031400
Order product name	RC125B LED36S/840 PSU W60L60 NOC
EAN/UPC - Product	8718696070314
Order code	910503910255
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910503910255
Net Weight (Piece)	4.100 kg

Dimensional drawing

CoreLine Panel RC125B-RC128V

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www.lighting.philips.com

2017, July 21 - data subject to change