



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60NOCELB3

CoreLine recessed, All-in, 34 W, 25 W, 600x600 mm, 3100 lm, 3700 lm, 4300 lm, 4000 K, DALI, ELB3h

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 Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch. In addition, Coreline Recessed also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe failure and product warranty will become void

Product data

General Information		Light Technical	
Light source replaceable	No	Luminous Flux	3,100 3,700 4,300 lm
Number of gear units	Unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Colour Temperature	4000 K
Product family code	RC136B [CORELINE RECESSED GEN3]	Luminous efficacy (rated) (nom.)	126 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	≥80
Value ladder	Performance	ENEC mark	ENEC mark
CE mark	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Warranty period	5 years	EU RoHS compliant	Yes
Flammability mark	For mounting on normally flammable surfaces		

CoreLine recessed

Flickering value (PstLM)	1
Stroboscopic effect	0.4
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	100°
Unified Glare Rating (CEN)	25
All-in Type	All-in, Multi Lumen

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	15.6 A
Inrush time	0.23 ms
Power Consumption	34.25 W
Power Factor (Fraction)	0.9
Connection	Connection unit 7-pole
Cable	Cable with connector 5-pole
Number of products on MCB of 16 A type B	30

Temperature

Ambient temperature range	0 to +25 °C
---------------------------	-------------

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Microprismatic lens
Overall length	597 mm
Overall width	597 mm
Overall height	44 mm
Dimensions (height x width x depth)	44 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 II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

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	L85
Lumen maintenance at median useful life* 100,000 h	L70

Application Conditions

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

Product Data

Order product name	RC136B 31S_37S_43S/840 PSD W60L60NOCELB3
Full product name	RC136B 31S_37S_43S/840 PSD W60L60NOCELB3
Full EOC	871869997550000
Order code	97550000
Material no. (12 NC)	910505101243
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699975500
Numerator – packs per outer box	1
EAN/UPC - Case	8718699975500

CoreLine recessed

Dimensional drawing

