



CoreLine recessed

RC136B 31S_37S_43S/840
PSDW60L60OCELB3W5

CoreLine recessed, 34 W, 25 W, 600x600 mm, 3100 lumen, 3700 lumen, 4300 lumen, 4000 K, DALI, UGR19, Wieland, 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.

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such 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 & product warranty will become void

Product data

General Information		Flammability mark	
Light source replaceable	No	For mounting on normally flammable surfaces	
Number of gear units	1 unit	ENEC mark	
Driver included	Yes	Glow-wire test	
Service tag	No	Temperature 650 °C, duration 30 s	
Product family code	RC136B [CORELINE RECESSED GEN3]	EU RoHS compliant	
Lighting Technology	LED	Yes	
Value ladder	Performance	Light Technical	
CE mark	Yes	Luminous Flux	
Warranty period	5 years	3,100 3,700 4,300 lumen	
		Saturated Red (R9)	
		<50	
		Correlated Color Temperature (Nom)	
		4000 K	

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Luminous Efficacy (rated) (Nom)	126 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	84°
Unified glare rating CEN	19

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	Cord with plug Wieland/Adels compatible 5-pole
Number of products on MCB of 16 A type B	30

Wiring

Connector Type	Wieland
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Temperature

Ambient temperature range	0 to +25 °C
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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 Color	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)

Initial chromaticity	(0.38, 0.38) SDCM ≤3
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85
Lumen maintenance at median useful life* 100000 h	L70

Application Conditions

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

Product Data

Full product code	871869997563000
Order product name	RC136B 31S_37S_43S/840 PSDW60L60OCELB3W5
Order code	97563000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505101256
Full product name	RC136B 31S_37S_43S/840 PSDW60L60OCELB3W5
EAN/UPC - Case	8718699975630
EAN/UPC - Product/Case	8718699975630

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Dimensional drawing

