



CoreLine recessed

RC136B 31S_37S_43S/840 PSD W60L60 OCELB3

RC136B | CORELINE RECESSED GEN3 - 840 neutral white -
Power supply unit with DALI interface

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			
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	126 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	No	Flickering value (PstLM)	1
Product family code	RC136B [CORELINE RECESSED GEN3]	Stroboscopic effect value (SVM)	0.4
Lighting Technology	LED	Beam angle of light source	- degree(s)
Value ladder	Performance	Light source color	840 neutral white
		Optic type	Wide beam
		Luminaire light beam spread	84°
		Unified glare rating CEN	19
Light Technical			
Luminous Flux	3,100 3,700 4,300 lumen		
Saturated Red (R9)	<50		

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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	34 W
Inrush current	15.6 A
Inrush time	0.23 ms
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 Color	White
Optical cover/lens finish	Diamond
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

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes

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	5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L70
100000 h	

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

Product Data	
Full product code	871869997548700
Order product name	RC136B 31S_37S_43S/840 PSD W60L60 OCELB3
Order code	97548700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910505101241
Full product name	RC136B 31S_37S_43S/840 PSD W60L60 OCELB3
EAN/UPC - Case	8718699975487



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Dimensional drawing

