



CoreLine recessed

RC135B LED37S/840 W62L62 IA1 OC

CoreLine recessed, 35.4 W, 620x620 mm, 3700 lm, 4000 K,
Wireless, Interact Ready, UGR19

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	Yes	Temperature 850 °C, duration 30 s	
Product family code	RC135B [Coreline Recessed]	EU RoHS compliant	
Connectivity	Interact Ready	Yes	
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	
Embedded control	Interact SNS210 sensor	3,700 lm	
CE mark	Yes	Correlated Color Temperature (Nom)	
Warranty period	5 years	4000 K	
		Luminous Efficacy (rated) (Nom)	
		104.5 lm/W	
		Color rendering index (CRI)	
		≥80	
		Light source color	
		840 neutral white	

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Optic type	Wide beam
Luminaire light beam spread	81°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	35.4 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
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	622 mm
Overall width	622 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 622 x 622 mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-8%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

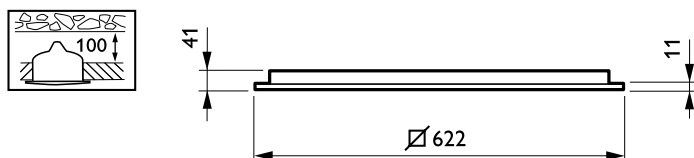
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RC135B LED37S/840 W62L62 IA1 OC
Full product name	RC135B LED37S/840 W62L62 IA1 OC
Full product code	871869699652200
Order code	99652200
Material Nr. (12NC)	910925865173
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696996522
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696996522

Dimensional drawing



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