



# CoreLine recessed

## RC136B 31S\_37S\_43S/840 PSD W30L120 OC

CoreLine recessed, 31 W, 22 W, 1200x300 mm, 3100 lumen, 3700 lumen, 4300 lumen, 4000 K, DALI, 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		Light Technical	
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver included	Yes	Luminous Flux	3,100 3,700 4,300 lumen
Service tag	No	Saturated Red (R9)	<50
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Value ladder	Performance	Luminous Efficacy (rated) (Nom)	140 lm/W
CE mark	Yes	Color rendering index (CRI)	≥80
Warranty period	5 years	Flickering value (PstLM)	1
Flammability mark	For mounting on normally flammable surfaces	Stroboscopic effect value (SVM)	1.6
ENEC mark	ENEC mark	Light source color	840 neutral white

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Optic type	Beam angle 84°
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	31.22 W
Power Factor (Fraction)	0.9
Connection	Connection unit 5-pole
Cable	Cable with connector 5-pole
Number of products on MCB of 16 A type B	30

### Temperature

Ambient temperature range	-10 to +40 °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	1,197 mm
Overall width	297 mm
Overall height	44 mm
Dimensions (Height x Width x Depth)	44 x 297 x 1197 mm

### Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
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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	871951451223800
Order product name	RC136B 31S_37S_43S/840 PSD
	W30L120 OC
Order code	51223800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401880981
Full product name	RC136B 31S_37S_43S/840 PSD
	W30L120 OC
EAN/UPC - Case	8719514512238
EAN/UPC - Product/Case	8719514512238

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### Dimensional drawing

