



CoreLine recessed

RC136B 28S_34S_40S/830 PSD W30L120OCELB3

CoreLine recessed, All-in, 34 W, 25 W, 1200x300 mm, 2800 lm, 3400 lm, 4000 lm, 3000 K, DALI, UGR19, ELB3h

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-to-use, high-quality luminaires. It's a high-quality recessed LED that's designed to replace existing recessed luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving solution. With a quick-connector or Wieland feature, CoreLine RC136B recessed luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPXO & 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
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Sustainability rating	-
Light Technical	
Luminous Flux	2,800 3,400 4,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	>80

Datasheet, 2025, March 14 data subject to change

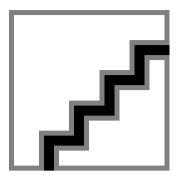
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Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	84°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	15.6 A
Inrush 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
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	3%
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover 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
Ingress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	3.500 kg
Emergency Operation	
Rated duration of the emergency lighting	3 hour(s)
(when fully charged)	

Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration
	basic version
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	0 to +25 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM ≤3
Initial chromaticity	(0.43, 0.40) 3DCN 33
Power consumption tolerance	+/-10%
	+/-10%
Power consumption tolerance	+/-10%
Power consumption tolerance Over Time Performance (IEC Compliant	+/-10%
Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life	+/-10%
Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h	+/-10%
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Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	+/-10%) 5 % L85
Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Lumen maintenance (EN-IEC 62722-2-1) at	+/-10%) 5 % L85
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Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	+/-10% 5 % L85 L70
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Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h Product Data Order product name Full product name Full product code Order code	+/-10% 5 % L85 L70 RC136B 28S_34S_40S/830 PSD W30L120OCELB3 RC136B 28S_34S_40S/830 PSD W30L120OCELB3 871869997551700 910505101244
Power consumption tolerance Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	+/-10% 5 % L85 L70 RC136B 28S_34S_40S/830 PSD W30L1200CELB3 RC136B 28S_34S_40S/830 PSD W30L1200CELB3 871869997551700 910505101244 910505101244
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CoreLine recessed

Photometric data



Polar Normal (separate) - RC136BI - 910505101244



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