PHILIPS

Lighting



CoreLine Recessed

RC134B LED27S/830 PSD W30L120 NOC

Coreline Recessed - 830 warm 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.

Product data

General Information	
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	WB [Wide beam]
Luminaire light beam spread	93°
Control interface	DALI
Connection	PIP [Push-in connector and pull relief]
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Constant light output	No

Number of products on MCB	38
RoHS mark	RoHS mark
Product Family Code	RC134B [Coreline Recessed]

Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Steel
Reflector material	Polycarbonate

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Textured
Overall length	1197 mm
Overall width	297 mm
Overall height	41 mm

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	2700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	89 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	30.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %

Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

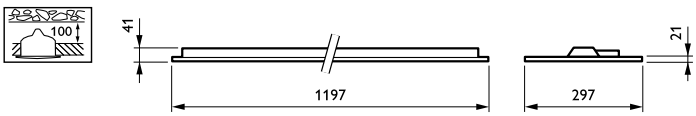
Ambient temperature range	+10 to +40 °C
Maximum dimming level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869934803800
Order product name	RC134B LED27S/830 PSD W30L120 NOC
EAN/UPC – product	8718699348038
Order code	34803800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864761
Net weight (piece)	3.000 kg



Dimensional drawing



CoreLine Recessed RC134B/RC135B

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