



CoreLine recessed

RC134B LED27S/840 PSD W30L120 NOC

CoreLine recessed, 26.5 W, 1200x300 mm, 2700 lm, 4000 K, DALI

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 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
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC134B [Coreline Recessed]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm

Datasheet, 2023, August 3 data subject to change

CoreLine recessed

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Consumption	26.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38
В	
Temperature	
Temperature Ambient temperature range	+10 to +40 °C
	+10 to +40 °C
	+10 to +40 °C
Ambient temperature range	+10 to +40 °C Yes
Ambient temperature range Controls and Dimming	
Ambient temperature range Controls and Dimming Dimmable	Yes
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	Yes Power supply unit with DALI interface
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	Yes Power supply unit with DALI interface DALI
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Yes Power supply unit with DALI interface DALI No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	Yes Power supply unit with DALI interface DALI
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Yes Power supply unit with DALI interface DALI No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Yes Power supply unit with DALI interface DALI No Steel
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	Yes Power supply unit with DALI interface DALI No Steel Polycarbonate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate -
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Yes Power supply unit with DALI interface DALI No Steel Polycarbonate Polycarbonate Polycarbonate - White

Overall width	297 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 297 x 1197 mm
Approval and Application	
Ingress protection code	IP44 [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 Compli	ant)
Control gear failure rate at median useful	5 %
U.S. 50000 I	
life 50000 h	
Lumen maintenance at median useful life*	¹ L75
	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life ⁴ 50000 h	L75 25 °C
Lumen maintenance at median useful life* 50000 h Application Conditions	
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	25℃
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 ℃ 1%
Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 ℃ 1%
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	25 ℃ 1%
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	25 °C 1% Yes
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	25 °C 1% Yes RC134B LED27S/840 PSD W30L120 NOC
Lumen maintenance at median useful life's 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	25 °C 1% Yes RC134B LED27S/840 PSD W30L120 NOC RC134B LED27S/840 PSD W30L120 NOC
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product code	25 °C 1% Yes RC134B LED275/840 PSD W30L120 NOC RC134B LED275/840 PSD W30L120 NOC 871869934826700
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product code Order code	25 °C 1% Yes RC134B LED27S/840 PSD W30L120 NOC RC134B LED27S/840 PSD W30L120 NOC 871869934826700 34826700
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C 1% Yes RC134B LED27S/840 PSD W30L120 NOC RC134B LED27S/840 PSD W30L120 NOC 871869934826700 34826700 910925864784
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C 1% Yes RC134B LED27S/840 PSD W30L120 NOC RC134B LED27S/840 PSD W30L120 NOC 871869934826700 34826700 910925864784 1

Dimensional drawing





CoreLine recessed



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.