



# **CoreLine recessed**

## RC134B LED37S/840 PSD W60L60 NOC

CoreLine recessed, 35.5 W, 600x600 mm, 3700 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	3,700 lm

Datasheet, 2023, August 3 data subject to change

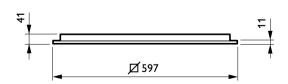
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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	104 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	35.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
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	Yes Power supply unit with DALI interface DALI
Ambient temperature range  Controls and Dimming  Dimmable  Driver/power unit/transformer  Control interface	Yes Power supply unit with DALI interface DALI
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	597 mm
Overall height	41 mm
Dimensions (Height x Width x Depth)	41 x 597 x 597 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 %
life 50000 h	
Lumen maintenance at median useful life*	L75
	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life*	L75
Lumen maintenance at median useful life* 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°C 1%
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level	25°C 1%
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Suitable for random switching	25°C 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 LED37S/840 PSD W60L60 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 name	25 °C 1% Yes  RC134B LED37S/840 PSD W60L60 NOC RC134B LED37S/840 PSD W60L60 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 name  Full product code	25 °C  1%  Yes  RC134B LED375/840 PSD W60L60 NOC  RC134B LED375/840 PSD W60L60 NOC  871869934798700
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	25 °C  1%  Yes  RC134B LED37S/840 PSD W60L60 NOC  RC134B LED37S/840 PSD W60L60 NOC  871869934798700  910925864756
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 LED37S/840 PSD W60L60 NOC RC134B LED37S/840 PSD W60L60 NOC 871869934798700 910925864756 910925864756
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 LED37S/840 PSD W60L60 NOC RC134B LED37S/840 PSD W60L60 NOC 871869934798700 910925864756 910925864756 1

## Dimensional drawing





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