



# CoreLine Recessed

## RC134B LED37S/840 PSD W60L60 ELB3 OC

Coreline Recessed - 840 neutral 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. In addition, Coreline Recessed also provides the option of advanced connectivity and is ready to be connected to IoT based software applications such as Interact Pro.

### Product data

General Information			
Light source colour	840 neutral white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	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.
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Constant light output	No
Driver included	Yes	Number of products on MCB	24
Optic type	WB [ Wide beam]	RoHS mark	RoHS mark
Luminaire light beam spread	81°	Product Family Code	RC134B [ Coreline Recessed]
Control interface	DALI	Unified glare rating CEN	19
Connection	Push-in connector and pull relief		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 30 s		
Flammability mark	F [ For mounting on normally flammable surfaces]		
CE mark	CE mark		

## CoreLine Recessed

### Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power factor (min.)	0.9

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	41 mm
Colour	White

### 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	3700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	106 lm/W

Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	35 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

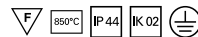
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

### Application Conditions

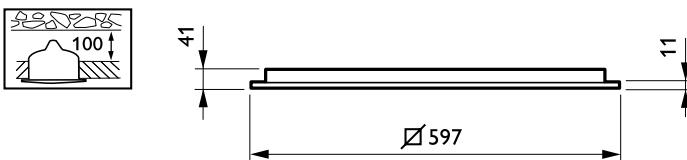
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

### Product Data

Full product code	871869934821200
Order product name	RC134B LED37S/840 PSD W60L60 ELB3 OC
EAN/UPC – product	8718699348212
Order code	34821200
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864779
Net weight (piece)	3.600 kg



## Dimensional drawing



CoreLine Recessed RC134B/RC135B

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