



# CoreLine Recessed

## RC134B LED37S/830 PSD W30L120 ELB3 OC

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		Remarks	
Light source colour	830 warm white	* -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.	
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	81°		
Control interface	DALI		
Connection	PIP [ Push-in connector and pull relief]		
Cable	-		
Protection class IEC	Safety class I (I)	Constant light output	No
Glow-wire test	850/30 [ Temperature 850 °C, duration 30 s]	Number of products on MCB	24
Flammability mark	F [ For mounting on normally flammable surfaces]	RoHS mark	RoHS mark
CE mark	CE mark	Product Family Code	RC134B [ Coreline Recessed]
ENEC mark	ENEC mark	Unified glare rating CEN	19
Warranty period	5 years	<b>Operating and Electrical</b>	
		Input voltage	220 to 240 V
		Input frequency	50 to 60 Hz
		Inrush current	22 A
		Inrush time	0.275 ms

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Power factor (min.)	0.9
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## 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	1197 mm
Overall width	297 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	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM <3

Initial input power	35 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

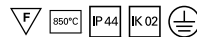
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

## Application Conditions

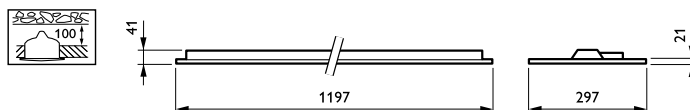
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

## Product Data

Full product code	871869934843400
Order product name	RC134B LED37S/830 PSD W30L120 ELB3 OC
EAN/UPC – product	8718699348434
Order code	34843400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925864802
Net weight (piece)	3.750 kg



## Dimensional drawing



CoreLine Recessed RC134B/RC135B

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