



CoreLine Recessed

RC134B LED375/840 PSD W30L120 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. InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product data

General Information		Warranty period	
Light source color	840 neutral white	Remarks	5 years
Light source replaceable	No	* -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.	No
Number of gear units	1 unit		
Driver/power unit/transformer	Power supply unit with DALI interface		
Driver included	Yes		
Optic type	Wide beam	Constant light output	24
Luminaire light beam spread	81°	Number of products on MCB of 16 A type B	RoHS mark
Control interface	DALI	RoHS mark	RC134B [Coreline Recessed]
Connection	Push-in connector and pull relief	Product family code	Unified glare rating CEN
Cable	-	Unified glare rating CEN	19
Protection class IEC	Safety class I	Operating and Electrical	
Glow-wire test	Temperature 850 °C, duration 30 s	Input Voltage	220 to 240 V
Flammability mark	For mounting on normally flammable surfaces		
CE mark	CE mark		
ENEC mark	ENEC mark		

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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	1197 mm
Overall width	297 mm
Overall height	41 mm
Color	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 (system flux)	3700 lm
Luminous flux tolerance	+/-8%
Initial LED luminaire efficacy	106 lm/W
Init. Corr. Color Temperature	4000 K

Init. Color 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)

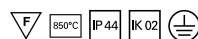
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

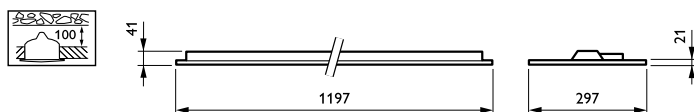
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1% (no dimming in emergency mode)
Suitable for random switching	Yes

Product Data

Full product code	871869934838000
Order product name	RC134B LED37S/840 PSD W30L120 ELB3 OC
EAN/UPC - Product	8718699348380
Order code	910925864796
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864796
Net Weight (Piece)	3.750 kg



Dimensional drawing



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