TrueLine, recessed

RC532B LED25S/840 PSD W8L113 PCV PI5

TrueLine Recessed Line OC - LED Module, system flux 2500 lm - 840 neutral white - Power supply unit with DALI interface - Plaster ceiling version - Push-in connector 5-pole - 1130 mm

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, recessed is able to meet both sets of requirements. TrueLine is also available in suspended and surface-mounted versions.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED25S [LED Module, system flux 2500 lm]
Light source color	840 neutral white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	-
Optical cover/lens type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Embedded control	-
Control interface	DALI
Connection	Push-in connector 5-pole

Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
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.
Constant light output	No

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Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Accessory PFC	N/A
Product family code	RC532B [TrueLine Recessed Line OC]
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Geometry	Width 0.08 m, length 1.13 m
Housing configuration	Plaster ceiling version
Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	1130 mm
Overall width	115 mm
Overall height	136 mm
Length	1130 mm
Color	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	143 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	17.5 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	L85

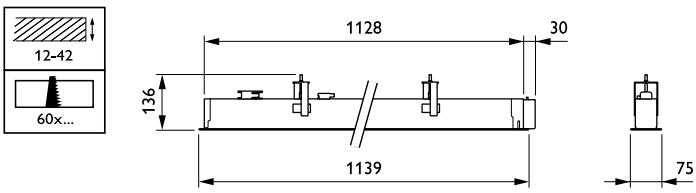
Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869906297200
Order product name	RC532B LED25S/840 PSD W8L113 PCV PI5
EAN/UPC - Product	8718699062972
Order code	910502048903
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910502048903
Net Weight (Piece)	2.700 kg

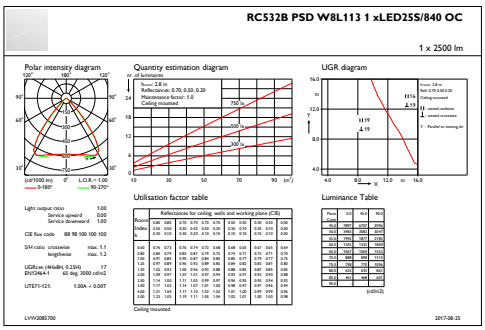
Dimensional drawing



TrueLine recessed RC515B, RC530B-RC534B

TrueLine, recessed

Photometric data



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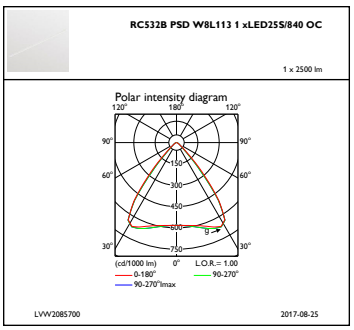

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