



TrueLine, recessed

RC531B LED15S/840 PSD W8L120 VPC PI5

TrueLine Recessed NOC - 1 pc - LED Module, system flux 1500 lm - 840 neutral white - Power supply unit with DALI interface - Visible profile ceiling version - Width 0.08 m, length 1.20 m - - - Push-in connector 5-pole - White

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		Connection	Push-in connector 5-pole
Number of light sources	1 pc	Cable	-
Lamp family code	LED15S [LED Module, system flux 1500 lm]	Protection class IEC	Safety class I
Light source color	840 neutral white	Glow-wire test	Temperature 650 °C, duration 5 s
Cap-Base	- [-]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC plus mark
Gear	-	UL mark	-
Driver/power unit/transformer	Power supply unit with DALI interface	Warranty period	5 years
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
Optic type	-		
Optical cover/lens type	Polymethyl methacrylate bowl/cover		
Luminaire light beam spread	160°		
Embedded control	-		
Control interface	DALI		

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	B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Accessory PFC	N/A
Product family code	RC531B [TrueLine Recessed NOC]
Unified glare rating CEN	25

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
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Mechanical and Housing

Geometry	Width 0.08 m, length 1.20 m
Housing configuration	Visible profile ceiling version
Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1197 mm
Overall width	75 mm
Overall height	79 mm
Color	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	103 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	14.6 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	871869907212400
Order product name	RC531B LED15S/840 PSD W8L120 VPC PI5
EAN/UPC - Product	8718699072124
Order code	910502056903
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910502056903
Net Weight (Piece)	2.600 kg

