



TrueLine, recessed

RC531B LED25S/830 PSD W8L113 PCV PI5

TrueLine Recessed NOC - LED Module, system flux 2500 lm - 830 warm white - Power supply unit with DALI interface - Plaster ceiling version - Push-in connector 5-pole (PI) - 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 a suspended version.

Product data

General Information		Connection	
Number of light sources	1 [1 pc]	Connection	Push-in connector 5-pole (PI)
Lamp family code	LED25S [LED Module, system flux 2500 lm]	Cable	-
Light source colour	830 warm white	Protection class IEC	Safety class I (I)
Cap base	- [-]	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Light source replaceable	No	Flammability mark	F [For mounting on normally flammable surfaces]
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	ENEC plus mark
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	UL mark	-
Driver included	Yes	Warranty period	5 years
Optic type	No [-]	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
Optical cover/lens type	PM [PMMA bowl/cover]		
Luminaire light beam spread	160°		
Embedded control	No [-]		
Control interface	DALI		

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	the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
Accessory PFC	N/A
Product Family Code	RC531B [TrueLine Recessed NOC]
Unified glare rating CEN	28

Operating and Electrical

Input voltage	220-240 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 1.13 m
Housing configuration	PCV [Plaster 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	1130 mm
Overall width	115 mm
Overall height	136 mm
Length	1130 mm
Colour	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	2500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	96 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	26 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 dimming level	1%
Suitable for random switching	No

Product Data

Full product code	871869906302300
Order product name	RC531B LED25S/830 PSD W8L113 PCV PI5
EAN/UPC – product	8718699063023
Order code	06302300
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910502049403
Net weight (piece)	2.600 kg

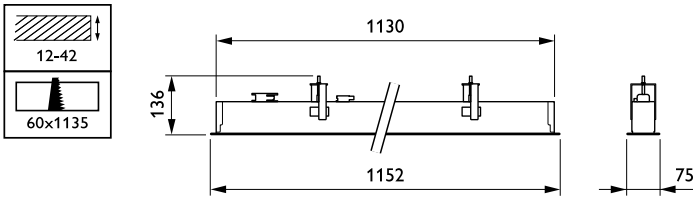


Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips/Signify cannot guarantee safe use and the product warranty will become void

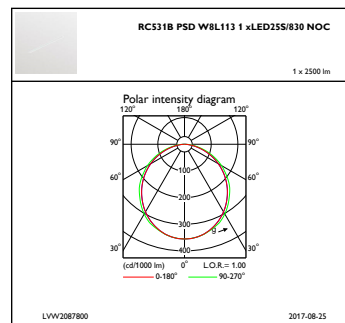
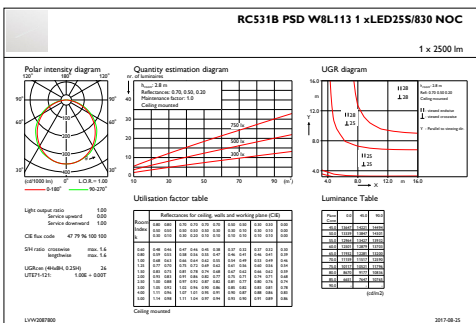
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Dimensional drawing



TrueLine recessed RC515B, RC530B-RC534B

Photometric data



IFGU1_RC531BPSDW8L1131xLED25S830NOC

IFPC1_RC531BPSDW8L1131xLED25S830NOC

