



# TrueLine, recessed

## RC531B LED31S/940 PSD W8L141 PCV PI5

TrueLine Recessed NOC - LED Module, system flux 3100 lm - 940 neutral white - Power supply unit with DALI interface - Plaster ceiling version - Width 0.08 m, length 1.41 m - Push-in connector 5-pole (PI) - White RAL 9003

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.

### 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

### Product data

General Information			
Lamp family code	LED31S [ LED Module, system flux 3100 lm]	Optic type	No [-]
Beam angle of light source	- °	Luminaire light beam spread	108°
Light source colour	940 neutral white	Control interface	DALI
Light source replaceable	No	Connection	Push-in connector 5-pole (PI)
Number of gear units	1 unit	Cable	-
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Protection class IEC	Safety class I (I)
Driver included	Yes	Glow-wire test	650/30 [ Temperature 650 °C, duration 30 s]

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Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB (16 A type B)	24
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Product family code	RC531B [ TrueLine Recessed NOC]
Unified glare rating CEN	25

### Light Technical

Saturated Red	>50
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### Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
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 1.41 m
Housing configuration	PCV [ Plaster ceiling version]
Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1432 mm
Overall width	75 mm
Overall height	136 mm
Colour	White RAL 9003

Dimensions (height x width x depth)	136 x 75 x 1432 mm (5.4 x 3 x 56.4 in)
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### 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)	3100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	111 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>90
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	28 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 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	871869996423800
Order product name	RC531B LED31S/940 PSD W8L141 PCV PI5
EAN/UPC – product	8718699964238
Order code	96423800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505100217
SAP net weight (piece)	3.100 kg



