TrueLine, recessed

RC531B LED19S/830 PSD W8L141 PCV PI5

TrueLine, recessed, 18.8 W, 1900 lm, 3000 K, DALI

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. Therefore, 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 failure and the product warranty will become void.

Product data

General Information	
Lamp family code	LED19S [LED module, system flux 1900 lm]
Cap–Base	– [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	–
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

	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Service tag	Yes
Product family code	RC531B [TrueLine Recessed NOC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	–
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s

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EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	–
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	160°
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	18.8 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	–
Optic material	–
Optical cover material	Polycarbonate
Fixation material	Steel

Housing Color	White
Optical cover finish	Opal
Overall length	1,409 mm
Overall width	115 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 115 x 1409 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
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

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	RC531B LED19S/830 PSD W8L141 PCV PI5
Full product name	RC531B LED19S/830 PSD W8L141 PCV PI5
Full product code	871869906363400
Order code	06363400
Material Nr. (12NC)	910502051403
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699063634
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699063634

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Dimensional drawing

www.lighting.philips.com

2023, April 29 – data subject to change