



TrueLine, recessed

RC531B 31S/940 PSD W8L141 PCV

TrueLine, recessed, 29 W, 1410x80 mm, PCV, 3100 lm, 4000 K, CRI>90, DALI

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, TrueLine recessed is rated UGR<19, which is compliant with all office norms (OC). TrueLine also comes in suspended and surface-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 140 lm/W and the option to upgrade to wireless connectivity and control.

Warnings and Safety

- The product is IPXO 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		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Service tag	Yes	

Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity

Datasheet, 2025, January 16 data subject to change

TrueLine, recessed

Luminous Flux 3,100 lm Saturated Red (R9) -50 Correlated Color Temperature (Nom) 4000 K Luminous Efficacy (rated) (Nom) 110 lm/W Color rendering index (CRI) -90 Beam angle of light source -degree(s) Light source color 940 neutral white Optic type Wide beam Luminaire light beam spread 108° Unified glare rating CEN 28 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Initial CLO power consumption -W Inrush current 19.4 A Inrush time 200 ms Power Consumption 29 W Power Ractor (Fraction) 0.9 Connection Push-in connector 5-pole Cable Number of products on MCB of 16 A type B 30 Suitable for random switching No Protection class IEC 5afety class I Total harmonic distortion 20 % Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No DALI Standard DALI-2'* Maximum dim level 14 Mechanical and Housing Housing Material Steel Reflector material - Optical cover material Polycarbonate Fixation material Steel Housing Color White Operating of pinstallation Plaster celling version		
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	accessory type	
protected]	Ingress protection code	IP20/40 [Finger-protected;Wire-
		protected]

Mech. impact protection code	IK03 [0.35 J reinforced]
Net Weight (Piece)	3.100 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1@200mm
	to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Flickering value (PstLM) - Flickering value as per	1
EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	0.05 %
50000 h	
Control gear failure rate at median useful life	0.1 %
100000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Product Data	
Order product name	RC531B 31S/940 PSD W8L141 PCV
Full product name	RC531B 31S/940 PSD W8L141 PCV
Full product code	871951497178300
Order code	910505103121
Material Nr. (12NC)	910505103121
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514971783
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514971783
Product family code	RC531B [TrueLine Recessed NOC]

TrueLine, recessed

Dimensional drawing





