PHILIPS Lighting



TrueLine, recessed

RC532B LED19S/840 W8L145 VPC ELP3 W

TrueLine, recessed, 3 W, 780 lm, 4000 K, 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<lt/>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, colours 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		Driver included	Yes
Lamp family code	LED19S [LED module, system flux 1900 lm]	Remarks	*- According to the Lighting Europe guidance
Cap base	- [-]		paper 'Evaluating performance of LED based
Light source replaceable	No		luminaires – January 2018': statistically there
Number of gear units	Unit		is no relevant difference in lumen
Gear	-		maintenance between the B50 and, for

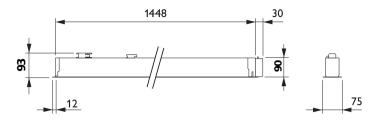
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	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	RC532B [TrueLine Recessed Line OC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	780 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	173 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Unified Glare Rating (CEN)	16
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	3 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Temperature Ambient temperature range	+10 to +40 °C
-	+10 to +40 °C
-	+10 to +40 °C
Ambient temperature range	+10 to +40 °C Yes
Ambient temperature range Controls and Dimming	
Ambient temperature range Controls and Dimming Dimmable	Yes

Machanical and Housing			
Mechanical and Housing	Steel		
Housing material Reflector material	Steel		
	-		
Optic material	- Delaws shired we shire and shire		
Optical cover/lens material	Polymethyl methacrylate		
Fixation material	Steel		
Housing Colour	White		
Optical cover/lens finish	Frosted		
Overall length	1,448 mm		
Overall width	75 mm		
Overall height	90 mm		
Dimensions (height x width x depth)	90 x 75 x 1448 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	t)		
Luminous flux tolerance	+/-10%		
Initial chromaticity	(0.38, 0.38) SDCM <3		
Power consumption tolerance	+/-10%		
Over Time Performance (IEC Compliant)			
Control gear failure rate at median usefu	al 5 %		
life 50,000 h			
Lumen maintenance at median useful	L85		
life* 50,000 h			
Application Conditions			
Performance ambient temperature Tq	25 ℃		
Maximum dim level	1%		
Suitable for random switching	No		
Dra drad Data			
Product Data			
Order product name	RC532B LED19S/840 W8L145 VPC ELP3 W		
Full product name	RC532B LED19S/840 W8L145 VPC ELP3 W		
Full EOC	871869907194300		
Order code	07194300		
Material no. (12 NC)	910502056103		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8718699071943		
Numerator – packs per outer box	1		
EAN/UPC - Case	8718699071943		

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Dimensional drawing





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