PHILIPS Lighting



TrueLine, **recessed**

RC532B LED50S/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, 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		Driver included	Yes
Lamp family code	DLED [DLED Module]	Remarks	*-Per Lighting Europe guidance paper
Cap-Base	- [-]		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	1 unit		is no relevant difference in lumen
Gear	-		maintenance between B50 and for example

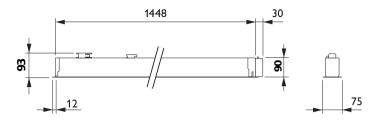
TrueLine, recessed

	B10. Therefore, the median useful life (B50)	
~ · · ·	value also represents the B10 value.	
Service tag	Yes	
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 Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	173 lm/W	
Color rendering index (CRI)	≥80	
Number of light sources	1	
Light source color	840 neutral white	
Optic type	-	
Optical cover type	Polymethyl methacrylate bowl/cover	
Luminaire light beam spread	100°	
Unified glare rating CEN	19	
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		
connection	Plug-in connector 2-pole Wieland/Adels	
Cable	compatible	
	- 24	
Number of products on MCB of 16 A type B	24	
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	Yes	
Diminable		
	Power supply unit with DALI interface	
Driver/power unit/transformer Control interface	Power supply unit with DALI interface	

Mechanical and Housing		
Housing Material	Steel	
Reflector material	-	
Optic material	-	
Optical cover material	Polymethyl methacrylate	
Fixation material	Steel	
Housing Color	White	
Optical cover 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)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.38) SDCM <3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compli	ant)	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful	L85	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	RC532B LED50S/840 W8L145 VPC ELP3 W	
Full product name		
	RC532B LED50S/840 W8L145 VPC ELP3 W	
Full product code	RC532B LED50S/840 W8L145 VPC ELP3 W 871869907197400	
Full product code Order code		
	871869907197400	
Order code	871869907197400 910502056403	
Order code Material Nr. (12NC)	871869907197400 910502056403 910502056403	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869907197400 910502056403 910502056403 1	

TrueLine, recessed

Dimensional drawing





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