PHILIPS Lighting



TrueLine, **recessed**

RC530B LED50S/840 W8L150 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	LED50S [LED module, system flux 5000 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

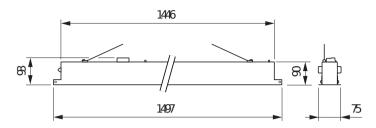
TrueLine, recessed

	example, the B10. Therefore, the median
	useful life (B50) value also represents the B10
	value.
Product family code	RC530B [TrueLine Recessed 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)	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	Plug-in connector 2-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
	DALI
Control interface	DALI

Mechanical and Housing	
Housing material	Steel
Reflector material	-
Optic material	
Optical cover/lens material	- Relymothyl methacrylate
	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	1,497 mm
Overall width	75 mm
Overall height	90 mm
Dimensions (height x width x depth)	90 x 75 x 1497 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 Comp	liant)
Over Time Performance (IEC Comp Control gear failure rate at median usefu	liant)
Over Time Performance (IEC Comp Control gear failure rate at median usefu life 50,000 h	liant) I 5%
Over Time Performance (IEC Comp Control gear failure rate at median usefu life 50,000 h Lumen maintenance at median useful	liant)
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Over Time Performance (IEC Comp Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	liant) I 5 % L85
Over Time Performance (IEC Comp Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq	liant) I 5%
Over Time Performance (IEC Comp Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions	liant) I 5 % L85
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Over Time Performance (IEC Comp Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life* 50,000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	liant) I 5 % L85 25 ℃ 1% No
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Dimensional drawing





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