PHILIPS Lighting



TrueLine, **recessed**

RC530B LED50S/840 PSD W8L141 PCV PI5

TrueLine, recessed, 38.5 W, 5000 lm, 4000 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 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			B10. Therefore, the median useful life (B50
Lamp family code	LED50S [LED module, system flux 5000 lm]		value also represents the B10 value.
Cap-Base	- [-]	Service tag	Yes
Light source replaceable	No	Product family code	RC530B [TrueLine Recessed OC]
Number of gear units	1 unit	Lighting Technology	LED
Gear	-	Value ladder	Specification
Driver included	Yes	Embedded control	-
Remarks	*-Per Lighting Europe guidance paper	CE mark	Yes
	"Evaluating performance of LED based	Warranty period	5 years
	luminaires - January 2018": statistically there	Flammability mark	For mounting on normally flammable
	is no relevant difference in lumen		surfaces
	maintenance between B50 and for example	ENEC mark	ENEC plus mark
		Glow-wire test	Temperature 650 °C, duration 5 s

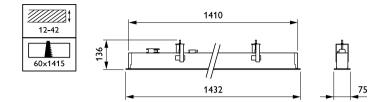
TrueLine, recessed

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EU RoHS compliant	Yes
Light Tochnical	
Light Technical	5.000 hr
Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	280
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	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	38.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
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
Control interface	DALI
Constant light output	No
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	1,409 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	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp Control gear failure rate at median usefu	
life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	
life* 50000 h	25 °C
life* 50000 h Application Conditions	
life* 50000 h Application Conditions Performance ambient temperature Tq	25 ℃
life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 °C 1%
life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	25 °C 1%
life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	25 °C 1% No RC530B LED50S/840 PSD W8L141 PCV PI5
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TrueLine, recessed

Dimensional drawing





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