PHILIPS Lighting



TrueLine, **recessed**

RC530B 50S/TW9 SIA W8L145 PCV U4

TrueLine, recessed, 41.5 W, 1450x80 mm, PCV, 5000 lm, Tunable white 2700-6500 K, CRI>90, Wireless, Interact Ready, UGR19, U4, TP(b)

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		Service tag	Yes
Number of gear units	1 unit	Value ladder	Specification
Driver included	Yes	Warranty period	5 years

TrueLine, recessed

Sustainability rating	Lighting for circularity Lighting for	
	wellbeing	
Light Technical		
Luminous Flux	5,000 lm	
Saturated Red (R9)	>50	
Correlated Color Temperature (Nom)	Tunable white 2700-6500 K	
Luminous Efficacy (rated) (Nom)	121 lm/W	
Color rendering index (CRI)	>90	
Beam angle of light source	120 degree(s)	
Light source color	Tunable white	
Optic type	Wide beam office compliant	
Luminaire light beam spread	80°	
Unified glare rating CEN	19	
Indirect glare reduction measure for Display	L65≤3000 cd/m²	
Screen Equipment (EN 12464-2021)		
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	29 A	
Inrush time	350 ms	
Power Consumption	41.5 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 3-pole	
Cable	-	
Number of products on MCB of 16 A type B	16	
Suitable for random switching	Yes (relates to presence/ movement	
	detection and daylight harvesting)	
Protection class IEC	Safety class I	
Total harmonic distortion	20 %	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Sensor ready driver Interact System ready	

Diminable	163
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready
Embedded control	Upgradable sensor slot with SNS210
	sensor

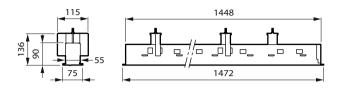
Mechanical and Housing

Steel
-
Polymethyl methacrylate
Polymethyl methacrylate
Steel
White
Frosted
1,448 mm

Overall width	75 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 75 x 1448 mm
Compatible ceiling or ceiling installation	Plaster ceiling version
accessory type	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Mounting	Recessed
Net Weight (Piece)	3.500 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 t EN62778
Ell DollS compliant	Yes
EU RoHS compliant	25 ℃
Performance ambient temperature Tq	
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	<u></u>
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	Tunable, SDCM ≤3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful life	5 %
50000 h Lumen maintenance at median useful life*	L85
50000 h	600
Lumen maintenance at median useful life*	1.75
100000 h	2.0
Product Data	
Order product name	RC530B 50S/TW9 SIA W8L145 PCV U4
Full product name	RC530B 50S/TW9 SIA W8L145 PCV U4
Full product code	872016962695900
Order code	910505105669
Material Nr. (12NC)	910505105669
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169626959
Numerator Backs per outer box	1
Numerator - Packs per outer box	
EAN/UPC - Case	8720169626959

TrueLine, recessed

Dimensional drawing





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