



TrueLine, recessed

RC530B LED43S/TW9 SIA W8L145VPC U4 PI3SC

TrueLine Recessed OC, Tunable white, Power supply unit with DALI and SystemReady interface, Interact ready, Push-in connector 3-pole, White RAL 9003

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 IPX0 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
Light source replaceable	No	Product family code	RC530B [TrueLine Recessed OC]
Number of gear units	1 unit	Connectivity	Interact Ready

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Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	4,300 lumen
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
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	Tunable white
Optic type	Wide beam
Luminaire light beam spread	80°
Unified glare rating CEN	19

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Inrush current	29.6 A
Inrush time	356 ms
Power Consumption	35.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	16

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface, Interact ready
Control interface	InterAct office
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	-

Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover/lens finish	Frosted
Overall length	1,472 mm
Overall width	75 mm
Overall height	90 mm
Dimensions (Height x Width x Depth)	90 x 75 x 1472 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-10%
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*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	

Application Conditions

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871951497325100
Order product name	RC530B LED43S/TW9 SIA W8L145VPC U4 PI3SC
Order code	910505103289
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505103289
Full product name	RC530B LED43S/TW9 SIA W8L145VPC U4 PI3SC
EAN/UPC - Case	8719514973251
EAN/UPC - Product/Case	8719514973251

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Dimensional drawing

