# **PHILIPS** Lighting



# **TrueLine**, **recessed**

# RC530B 43S/940 PSD W8L141 PCV

TrueLine, recessed, 30.5 W, 1410x80 mm, PCV, 4300 lm, 4000 K, CRI>90, DALI, UGR19

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		Lighting Technology	LED
Light source replaceable	No	Value ladder	Specification
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Sustainability rating	Lighting for circularity
Service tag	Yes		

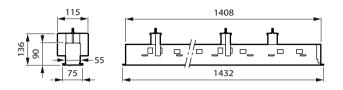
### TrueLine, recessed

Light Technical	
Luminous Flux	4,300 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	- degree(s)
Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	80°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19.4 A
Inrush time	200 ms
Power Consumption	30.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	
Number of products on MCB of 16 A type B	30
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2 <sup>TM</sup>
Maximum dim level	1%
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	
Optical cover material	Polymethyl methacrylate
 Fixation material	Steel
Housing Color	White
Optical cover finish	Structured optic
Overall length	1,432 mm
Overall width	75 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 75 x 1432 mm
Compatible ceiling or ceiling installation	Plaster ceiling version
accessory type	
Ingress protection code	ID20/40 (Einger, protocted Wire
	IP20/40 [Finger-protected;Wire- protected]

Mech. impact protection code	IK03 [0.35 J reinforced]
Net Weight (Piece)	3.100 kg
Net Weight (Field)	5.100 KB
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
-	to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	0.05 %
50000 h	
Control gear failure rate at median useful life	0.1 %
100000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Product Data	
Order product name	RC530B 43S/940 PSD W8L141 PCV
Full product name	RC530B 43S/940 PSD W8L141 PCV
Full product code	871951497159200
Order code	910505103110
Material Nr. (12NC)	
	910505103110
Numerator - Quantity Per Pack	1
Numerator - Quantity Per Pack EAN/UPC - Product/Case	
	1
EAN/UPC - Product/Case	1 8719514971592

## TrueLine, recessed

#### Dimensional drawing





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