# **PHILIPS** Lighting



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

### RC534B LED50S/840 PSD W8L150 VPC PI5 IP

TrueLine, recessed, 42.5 W, 5000 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, 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		Driver included	Yes
Lamp family code	LED50S [LED module, system flux 5000 lm]	Remarks	*-Per Lighting Europe guidance paper
Cap-Base	- [-]		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	1 unit		is no relevant difference in lumen
Gear	-		maintenance between B50 and for example

#### TrueLine, recessed

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC534B [TrueLine Recessed Standalone
	Asym]
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	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	118 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	90°
Unified glare rating CEN	Not applicable

#### **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	42.5 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

#### Controls and Dimming

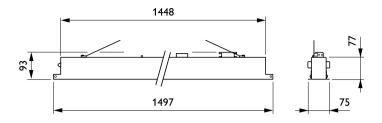
controls and Dimining		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	
Constant light output	No	

+10 to +40 °C

Housing Material	Steel
 Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted
Overall length	1,497 mm
Overall width	75 mm
Overall height	79 mm
Dimensions (Height x Width x Depth)	79 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%
life 50000 h Lumen maintenance at median useful	L85
life* 50000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
	25 °C 1%
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching	1%
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% No
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data	1% No RC534B LED50S/840 PSD W8L150 VPC PI5
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name	1% No RC534B LED50S/840 PSD W8L150 VPC PI5 IP
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	1% No RC534B LED50S/840 PSD W8L150 VPC PIE IP RC534B LED50S/840 PSD W8L150 VPC PIE
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name	1% No RC534B LED50S/840 PSD W8L150 VPC PIE IP RC534B LED50S/840 PSD W8L150 VPC PIE IP
Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code	1% No RC534B LED50S/840 PSD W8L150 VPC PI5 IP RC534B LED50S/840 PSD W8L150 VPC PI5 IP 871869907205600
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#### TrueLine, recessed

#### Dimensional drawing





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