# **PHILIPS** Lighting



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

# RC531B LED25S/830 PSD W8L113 PCV PI5

TrueLine Recessed NOC, LED module, system flux 2500 lm, 830 warm white, Power supply unit with DALI interface, Push-in connector 5-pole

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			is no relevant difference in lumen
Lamp family code	LED25S [LED module, system flux 2500 lm]		maintenance between B50 and for example
Cap-Base	- [-]		B10. Therefore, the median useful life (B50)
Light source replaceable	No		value also represents the B10 value.
Number of gear units	1 unit	Service tag	Yes
Gear	-	Product family code	RC531B [TrueLine Recessed NOC]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Value ladder	Specification
	"Evaluating performance of LED based	Embedded control	-
	luminaires - January 2018": statistically there	CE mark	Yes

### TrueLine, recessed

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	2,500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	96 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	160°
Unified glare rating CEN	28
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	26 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	Voc
	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mochanical and Housing	
Mechanical and Housing	Staal
Housing Material	Steel

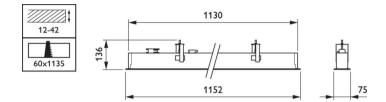
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Optic material	-	
Optical cover material	Polycarbonate	
Fixation material	Steel	
Housing Color	White	
Optical cover finish	Opal	
Overall length	1,130 mm	
Overall width	115 mm	
Overall height	136 mm	
Dimensions (Height x Width x Depth)	136 x 115 x 1130 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 Complian	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comp Control gear failure rate at median usefulife 50000 h		
Lumen maintenance at median useful life* 50000 h	L85	
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	RC531B LED25S/830 PSD W8L113 PCV PI5	
Full product name	RC531B LED25S/830 PSD W8L113 PCV PI5	
Full product code	871869906302300	
Order code	06302300	
Material Nr. (12NC)	910502049403	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699063023	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699063023	

**Reflector material** 

## TrueLine, recessed

#### Dimensional drawing





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