# **PHILIPS** Lighting



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

# RC531B LED15S/840 PSD W8L113 PCV PI5

TrueLine Recessed NOC, LED module, system flux 1500 lm, 840 neutral 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	
Lamp family code	LED15S [LED module, system flux 1500 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there

	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC531B [TrueLine Recessed NOC]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
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	1,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 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	160°
Unified glare rating CEN	25
Operating and Electrical	
nput Voltage	220-240 V
ine Frequency	50 to 60 Hz
nrush current	19 A
nrush time	0.28 ms
Power Consumption	14.6 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	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
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 Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3

Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	

Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	No

#### Product Data

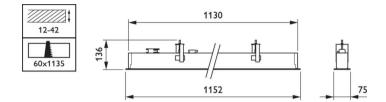
Floduct Data	
Order product name	RC531B LED15S/840 PSD W8L113 PCV PI5
Full product name	RC531B LED15S/840 PSD W8L113 PCV PI5
Full product code	871869906299600
Order code	06299600
Material Nr. (12NC)	910502049103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699062996
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699062996

**Reflector material** 

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# TrueLine, recessed

## Dimensional drawing





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