# **PHILIPS** Lighting



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

# RC531B LED19S/830 PSD W8L141 PCV PI5

TrueLine, recessed, 18.8 W, 1900 lm, 3000 K, DALI

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			B10. Therefore, the median useful life (B50
Lamp family code	LED19S [LED module, system flux 1900 lm]		value also represents the B10 value.
Cap-Base	- [-]	Service tag	Yes
Light source replaceable	No	Product family code	RC531B [TrueLine Recessed NOC]
Number of gear units	1 unit	Lighting Technology	LED
Gear	-	Value ladder	Specification
Driver included	Yes	Embedded control	_
Remarks	*-Per Lighting Europe guidance paper	CE mark	Yes
	"Evaluating performance of LED based	Warranty period	5 years
	luminaires - January 2018": statistically there	Flammability mark	For mounting on normally flammable
	is no relevant difference in lumen		surfaces
	maintenance between B50 and for example	ENEC mark	ENEC plus mark
		Glow-wire test	Temperature 650 °C, duration 5 s

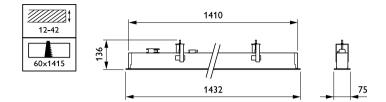
### TrueLine, recessed

	Ver	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	1.900 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	101 lm/W	
Color rendering index (CRI)	≥80	
Number of light sources	1	
Light source color		
Optic type	-	
Optical cover type	Polymethyl methacrylate bowl/cover	
Luminaire light beam spread	160°	
Unified glare rating CEN	25	
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	18.8 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	
Reflector material	-	
Optic material	-	
	Delveenhenete	
Optical cover material	Polycarbonate	

Housing Color	White	
Optical cover finish	Opal	
Overall length	1,409 mm	
Overall width	115 mm	
Overall height	136 mm	
Dimensions (Height x Width x Depth)	136 x 115 x 1409 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	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comp	liant)	
Control gear failure rate at median usefu life 50000 h	1 5 %	
Lumen maintenance at median useful	L85	
life* 50000 h	Los	
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	1%	
Suitable for random switching	No	
Product Data		
Order product name	RC531B LED19S/830 PSD W8L141 PCV PI5	
Full product name		
	RC531B LED19S/830 PSD W8L141 PCV PI5	
Full product code	871869906363400	
Full product code Order code		
	871869906363400	
Order code	871869906363400 06363400	
Order code Material Nr. (12NC)	871869906363400 06363400 910502051403	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	871869906363400 06363400 910502051403 1	

## TrueLine, recessed

#### Dimensional drawing





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