PHILIPS

Lighting



TrueLine, recessed

RC530B LED43S/840 PSD W8L150 VPC PI5

TrueLine Recessed OC - 1 pc - LED Module, system flux 4300 lm - 840 neutral white - Power supply unit with DALI interface - Visible profile ceiling version - Width 0.08 m, length 1.50 m - - - Push-in connector 5-pole - White - Office compliant version

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 suspended and surface-mounted versions.

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED43S [LED Module, system flux 4300 lm]
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	100°
Embedded control	No [-]
Control interface	DALI

Connection	Push-in connector 5-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
Type description	OC [Office compliant version]
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	No
Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance

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	between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB	24
RoHS mark	RoHS mark
Accessory PFC	N/A
Product Family Code	RC530B [TrueLine Recessed OC]
Unified glare rating CEN	19

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Geometry	Width 0.08 m, length 1.50 m
Housing configuration	VPC [Visible profile ceiling version]
Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	1497 mm
Overall width	75 mm
Overall height	79 mm
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	4300 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	134 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	32 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

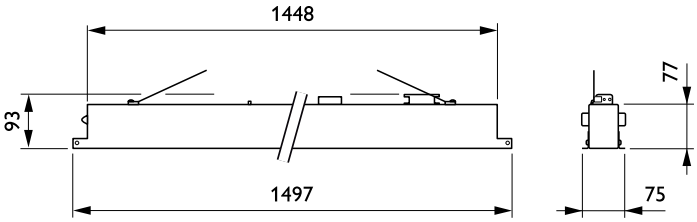
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

Full product code	871869907222300
Order product name	RC530B LED43S/840 PSD W8L150 VPC PI5
EAN/UPC – product	8718699072223
Order code	07222300
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910502057303
Net weight (piece)	3.200 kg

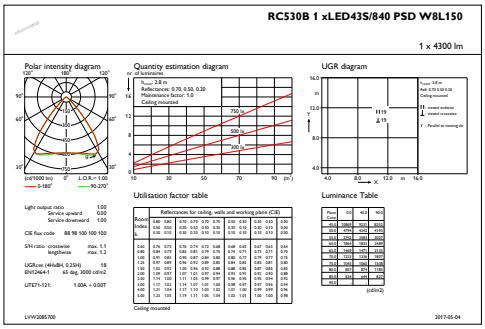
TrueLine, recessed

Dimensional drawing

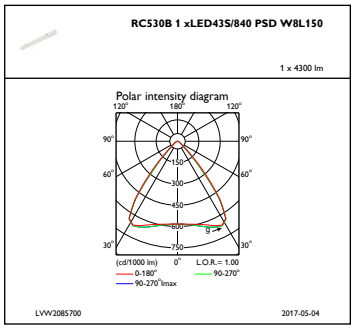


TrueLine recessed RC515B, RC530B-RC534B

Photometric data



IFGU1_RC530B1xLED43S840PSDW8L150



IFPC1_RC530B1xLED43S840PSDW8L150

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