



TrueLine, recessed

RC535B LED50S/940 PSD W8L141 PCV PI5

TrueLine Recessed Line Asym - 940 neutral white - Power supply unit with DALI interface - Push-in connector 5-pole (PI) - White RAL 9003

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 IPX0 and as such is not protected against water ingress, so 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 use and the product warranty will become void

Product data

General Information		Control interface	DALI
Beam angle of light source	- °	Connection	Push-in connector 5-pole (PI)
Light source colour	940 neutral white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Flammability mark	F [For mounting on normally flammable surfaces]
Driver included	Yes	CE mark	CE mark
Optic type	No [-]	ENEC mark	ENEC mark
Luminaire light beam spread	-		

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Warranty period	5 years
Constant light output	No
Number of products on MCB (16 A type B)	24
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Product family code	RC535B [TrueLine Recessed Line Asym]
Unified glare rating CEN	Not applicable

Light Technical

Saturated Red	>50
Flickering	1
Stroboscopic effect	0.4

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19 A
Inrush time	0.28 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	1408 mm
Overall width	75 mm
Overall height	136 mm
Colour	White RAL 9003
Dimensions (height x width x depth)	136 x 75 x 1408 mm (5.4 x 3 x 55.4 in)

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 (system flux)	5000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	122 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>90
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	41 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 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

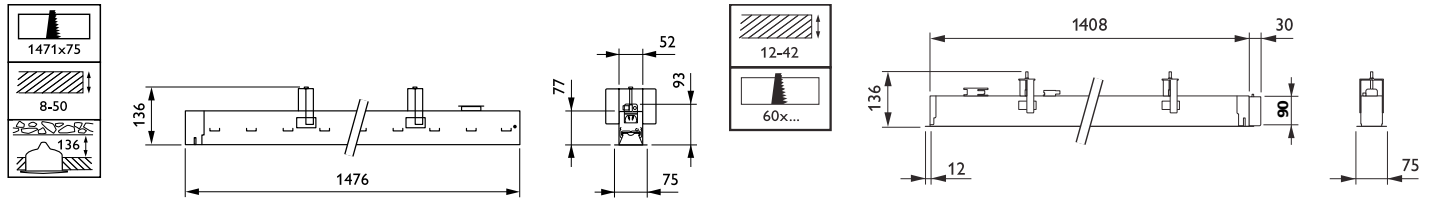
Product Data

Full product code	871869996619500
Order product name	RC535B LED50S/940 PSD W8L141 PCV P15
EAN/UPC – product	8718699966195
Order code	96619500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910505100431
SAP net weight (piece)	3.200 kg



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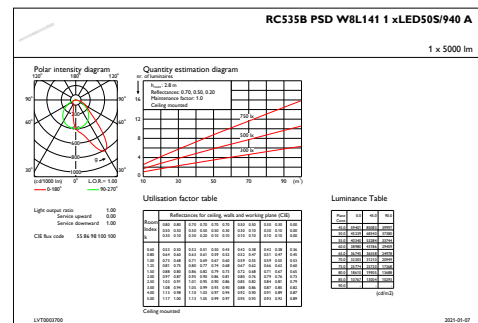
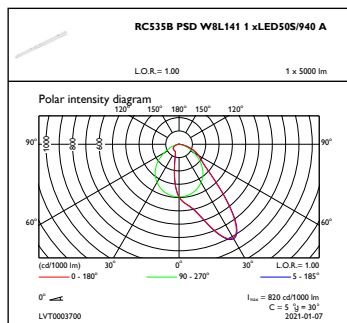
Dimensional drawing



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Photometric data



OFPC1_RC535BPSDW8L141xLED50S940A

IFGU1_RC535BPSDW8L141xLED50S940A

