



TrueLine, recessed

RC530B LED31S/840 PSD W8L141 PCV PI5

TrueLine Recessed OC - 1 pc - LED Module, system flux 3100 lm
- 840 neutral white - Power supply unit with DALI interface -
Plaster ceiling version - Width 0.08 m, length 1.41 m - - - Push-
in connector 5-pole - 1410 mm - 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 pc	Embedded control	-
Lamp family code	LED31S [LED Module, system flux 3100 lm]	Control interface	DALI
Light source color	840 neutral white	Connection	Push-in connector 5-pole
Cap-Base	- [-]	Cable	-
Light source replaceable	No	Protection class IEC	Safety class I
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Gear	-	Flammability mark	For mounting on normally flammable surfaces
Driver/power unit/transformer	Power supply unit with DALI interface	Type description	Office compliant version
Driver included	Yes	CE mark	CE mark
Optic type	-	ENEC mark	ENEC plus mark
Optical cover/lens type	Polymethyl methacrylate bowl/cover	UL mark	-
Luminaire light beam spread	100°	Warranty period	5 years

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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.
Constant light output	No
Number of products on MCB of 16 A type B	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 1.41 m
Housing configuration	Plaster 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	1189 mm
Overall width	115 mm
Overall height	136 mm
Length	1410 mm

Color	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 (system flux)	3100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	144 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	21.5 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 dim level	1%
Suitable for random switching	No
Product Data	
Full product code	871869906356600
Order product name	RC530B LED31S/840 PSD W8L141 PCV PI5
EAN/UPC - Product	8718699063566
Order code	910502050703
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910502050703
Net Weight (Piece)	3.100 kg

