



TrueLine, recessed - True line of light: elegant, energy- efficient and compliant with office lighting norms

TrueLine, recessed

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.

Benefits

- The most uniform exit window
- Extremely high efficacy for a line luminaire
- Luminaire housing dimensions that are most popular with architects

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Features

- Luminous efficacy > 100 lm/W
- Complies with office lighting norms
- Stand-alone and continuous lines
- Suspended version also available
- Direct and indirect light
- Homogeneous exit window
- Future-proof: PoE

Application

- General lighting for mid- and high-end office buildings

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

Specifications

Type	RC530B (office compliant stand-alone version)
	RC531B (non-office compliant stand-alone version)
	RC532B (office compliant continuous line version)
	RC533B (non-office compliant continuous line version)
Ceiling type	Exposed T-bar ceiling
	Plaster (board) ceiling
Light source	Non-replaceable LED module
Power	Office compliant (OC), 4000 K:
	- 19 W (2500 lm)
	- 25.5 W (3400 lm)
	- 31.5 W (4000 lm)
	Non-office compliant (NOC), 4000 K:
- 27 W (2500 lm)	
Beam angle	80 ° (OC), 110 ° (NOC)
Luminous flux	2500 to 4000 lm (4000 K)
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	>80
Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	
Driver failure rate	1% per 5000 hours

Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Built-in
Power/Data supply	PDS-60 24 V; supply for indoor and outdoor applications
Mains voltage	220-240 V / 50-60 Hz
Dimming	Compatible with many commercial available ELV dimmers
Controls system input	0-16 V, DALI
Options	Central battery
Material	Housing: steel
	Driver box: steel
	Cover: PMMA or polycarbonate
Color	White (RAL 2003)
Optical cover	Office compliant: PMMA, semi-transparent
	Non-office compliant: polycarbonate, opal
Connection	Push-in connector with 5 poles
	Push-in connector with 7 poles
	Wieland connector with 3 poles and 2-pole control signal
	Wieland connector with 3 poles and 2 x 2-pole control signal
Maintenance	Optical module replaceable, no internal cleaning required
Installation	Exposed ceilings: in lay, no brackets needed
	Through-wiring possible
Accessories	End caps for line modules RC530Z EP WH

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Versions



Product details

TrueLine_recessed-
RC530B_PCV_L1130-DP.tif



Accessories

End caps, two pieces

Ordercode 87480699



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Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	1%
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	PM
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	No

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Colour Rendering Index	≥90
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White RAL 9003
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General Information

Order Code	Full Product Name	Lamp family code	Product Family Code
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	LED25S	RC532B
96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP	LED34S	RC530B

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	4000 K	135 lm/W	2500 lm	18.5 W
96429000	RC530B LED34S/930	3000 K	137 lm/W	3400 lm	23 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	PSD W8L120 VPC PI5 IP				

Mechanical and Housing

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Order Code	Full Product Name	Geometry	Order Code	Full Product Name	Geometry
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m	96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP -	-

