



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



RC530B



TrueLine Recessed Standalone
Asym



RC530B



TrueLine Recessed Line Asym -
LED Module, system flux 3400 lm
- 1130 mm



Product details

TrueLine_recessed-
RC530B_PCV_L1130-DP.tif



TrueLine-
RC530_RC531_RC534B_VPC-
DPP.tif



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Product details



TrueLine-
RC530_RC531_RC534B_VPC_PI5-
DPP.tif



TrueLine-
RC530_RC531_RC532_RC533B_P
CV-1DPP.tif



TrueLine-
RC530_RC531_RC532_RC533B_P
CV-2DPP.tif



TrueLine-
RC534B_SM534C_SP534P-DPP.tif

Accessories



Koncové kryty, dva kusy

Ordercode 87480699

Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dimming 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

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
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 (1/2)

Order Code	Full Product Name	Optical			
		cover/lens type	Gear	Lamp family code	
96399600	RC530B LED31S/940 PSD W8L141 PCV PI5	PM	-	LED31S	1
96407800	RC532B LED15S/940 PSD W8L113 PCV PI5	PM	-	LED15S	1
96408500	RC531B LED15S/930 PSD W8L120 VPC PI5 IP	PM	-	LED15S	1
96410800	RC531B LED15S/940 PSD W8L113 PCV PI5	PM	-	LED19S	1
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	PM	-	LED25S	1
96414600	RC533B LED15S/940 PSD W8L113 PCV PI5	PM	-	LED15S	1
96418400	RC532B LED19S/940 PSD W8L141 PCV PI5	PM	-	LED19S	1
96419100	RC530B LED43S/940 PSD W8L141 PCV PI5	PM	-	LED43S	1
96420700	RC531B LED19S/930 PSD W8L150 VPC PI5 IP	PM	-	LED19S	1
96422100	RC530B LED43S/940 PSD W8L150 VPC PI5 IP	PM	-	LED43S	1
96423800	RC531B LED31S/940 PSD W8L141 PCV PI5	-	-	LED31S	-
96426900	RC530B LED15S/940 PSD W8L113 PCV PI5	PM	-	LED15S	1
96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP	PM	-	LED34S	1
96433700	RC531B LED15S/930 PSD W8L113 PCV PI5	PM	-	LED15S	1
96656000	RC533B LED31S/940 PSD W8L141 PCV PI5	-	-	-	-
96682900	RC530B LED50S/940 PSD W8L141 PCV PI5	-	-	-	-
96683600	RC531B LED19S/940 PSD W8L141 PCV PI5	-	-	-	-
96684300	RC533B LED19S/940 PSD W8L141 PCV PI5	-	-	-	-
96922600	RC530B LED40S/940 PSD W8L120 VPC PI5	-	-	-	-
96424500	RC534B LED40S/940 PSD W8L120 VPC PI5 IP	PM	-	LED40S	1
96618800	RC534B LED50S/940 PSD W8L141 PCV PI5	-	-	-	-
96685000	RC534B LED43S/940 PSD W8L141 PCV PI5	-	-	-	-
96573000	RC530B LED43S/940 W8L145 PCV ELP3 PI6	-	-	-	-
96576100	RC530B LED50S/940 W8L145 PCV ELP3 PI6	-	-	-	-
96579200	RC531B LED19S/940 W8L145 PCV ELP3 PI6	-	-	-	-
96582200	RC531B LED31S/940 W8L145 PCV ELP3 PI6	-	-	-	-
96574700	RC530B LED43S/940 W8L150 VPC ELP3 PI6	-	-	-	-
96577800	RC530B LED50S/940 W8L150 VPC ELP3 PI6	-	-	-	-
96580800	RC531B LED19S/940 W8L150 VPC ELP3 PI6	-	-	-	-
96583900	RC531B LED31S/940 W8L150 VPC ELP3 PI6	-	-	-	-
96616400	RC532B LED31S/940 PSD W8L141 PCV PI5	-	-	-	-
96617100	RC532B LED43S/940 PSD W8L141 PCV PI5	-	-	-	-
96619500	RC535B LED50S/940 PSD W8L141 PCV PI5	-	-	-	-
96686700	RC535B LED43S/940 PSD W8L141 PCV PI5	-	-	-	-

General Information (2/2)

Order Code	Full Product Name	Product family code	Order Code	Full Product Name	Product family code
96399600	RC530B LED31S/940 PSD W8L141 PCV PI5	RC530B	96423800	RC531B LED31S/940 PSD W8L141 PCV PI5	RC531B
96407800	RC532B LED15S/940 PSD W8L113 PCV PI5	RC532B	96426900	RC530B LED15S/940 PSD W8L113 PCV PI5	RC530B
96408500	RC531B LED15S/930 PSD W8L120 VPC PI5 IP	RC531B	96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP	RC530B
96410800	RC531B LED15S/940 PSD W8L113 PCV PI5	RC531B	96433700	RC531B LED15S/930 PSD W8L113 PCV PI5	RC531B
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	RC532B	96656000	RC533B LED31S/940 PSD W8L141 PCV PI5	RC533B
96414600	RC533B LED15S/940 PSD W8L113 PCV PI5	RC533B	96682900	RC530B LED50S/940 PSD W8L141 PCV PI5	RC530B
96418400	RC532B LED19S/940 PSD W8L141 PCV PI5	RC532B	96683600	RC531B LED19S/940 PSD W8L141 PCV PI5	RC531B
96419100	RC530B LED43S/940 PSD W8L141 PCV PI5	RC530B	96684300	RC533B LED19S/940 PSD W8L141 PCV PI5	RC533B
96420700	RC531B LED19S/930 PSD W8L150 VPC PI5 IP	RC531B	96922600	RC530B LED40S/940 PSD W8L120 VPC PI5	RC530B
96422100	RC530B LED43S/940 PSD W8L150 VPC PI5 IP	RC530B	96424500	RC534B LED40S/940 PSD W8L120 VPC PI5 IP	RC534B

Order Code	Full Product Name	Product family code
96618800	RC534B LED50S/940 PSD W8L141 PCV PI5	RC534B
96685000	RC534B LED43S/940 PSD W8L141 PCV PI5	RC534B
96573000	RC530B LED43S/940 W8L145 PCV ELP3 PI6	RC530B
96576100	RC530B LED50S/940 W8L145 PCV ELP3 PI6	RC530B
96579200	RC531B LED19S/940 W8L145 PCV ELP3 PI6	RC531B
96582200	RC531B LED31S/940 W8L145 PCV ELP3 PI6	RC531B
96574700	RC530B LED43S/940 W8L150 VPC ELP3 PI6	RC530B

Order Code	Full Product Name	Product family code
96577800	RC530B LED50S/940 W8L150 VPC ELP3 PI6	RC530B
96580800	RC531B LED19S/940 W8L150 VPC ELP3 PI6	RC531B
96583900	RC531B LED31S/940 W8L150 VPC ELP3 PI6	RC531B
96616400	RC532B LED31S/940 PSD W8L141 PCV PI5	RC532B
96617100	RC532B LED43S/940 PSD W8L141 PCV PI5	RC532B
96619500	RC535B LED50S/940 PSD W8L141 PCV PI5	RC535B
96686700	RC535B LED43S/940 PSD W8L141 PCV PI5	RC535B

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
96399600	RC530B LED31S/940 PSD W8L141 PCV PI5	4000 K	148 lm/W	3100 lm	21 W
96407800	RC532B LED15S/940 PSD W8L113 PCV PI5	4000 K	136 lm/W	1500 lm	11 W
96408500	RC531B LED15S/930 PSD W8L120 VPC PI5 IP	3000 K	99 lm/W	1500 lm	15 W
96410800	RC531B LED15S/940 PSD W8L113 PCV PI5	4000 K	107 lm/W	1500 lm	14 W
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	4000 K	135 lm/W	2500 lm	18.5 W
96414600	RC533B LED15S/940 PSD W8L113 PCV PI5	4000 K	107 lm/W	1500 lm	14 W
96418400	RC532B LED19S/940 PSD W8L141 PCV PI5	4000 K	144 lm/W	1900 lm	13 W
96419100	RC530B LED43S/940 PSD W8L141 PCV PI5	4000 K	152 lm/W	4300 lm	28.5 W
96420700	RC531B LED19S/930 PSD W8L150 VPC PI5 IP	3000 K	98 lm/W	1900 lm	19.5 W
96422100	RC530B LED43S/940 PSD W8L150 VPC PI5 IP	4000 K	152 lm/W	4300 lm	28.5 W
96423800	RC531B LED31S/940 PSD W8L141 PCV PI5	4000 K	111 lm/W	3100 lm	28 W
96426900	RC530B LED15S/940 PSD W8L113 PCV PI5	4000 K	136 lm/W	1500 lm	11 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP	3000 K	137 lm/W	3400 lm	25 W
96433700	RC531B LED15S/930 PSD W8L113 PCV PI5	3000 K	99 lm/W	1500 lm	15 W
96656000	RC533B LED31S/940 PSD W8L141 PCV PI5	4000 K	111 lm/W	3100 lm	28 W
96682900	RC530B LED50S/940 PSD W8L141 PCV PI5	4000 K	147 lm/W	5000 lm	34 W
96683600	RC531B LED19S/940 PSD W8L141 PCV PI5	4000 K	103 lm/W	1900 lm	18.5 W
96684300	RC533B LED19S/940 PSD W8L141 PCV PI5	4000 K	103 lm/W	1900 lm	18.5 W
96922600	RC530B LED40S/940 PSD W8L120 VPC PI5	4000 K	143 lm/W	4000 lm	28 W
96424500	RC534B LED40S/940 PSD W8L120 VPC PI5 IP	4000 K	125 lm/W	4000 lm	32 W
96618800	RC534B LED50S/940 PSD W8L141 PCV PI5	4000 K	122 lm/W	5000 lm	41 W
96685000	RC534B LED43S/940 PSD W8L141 PCV PI5	4000 K	127 lm/W	4300 lm	34 W
96573000	RC530B LED43S/940 W8L145 PCV ELP3 PI6	4000 K	136 lm/W	4300 lm	31.5 W
96576100	RC530B LED50S/940	4000 K	135 lm/W	5000 lm	37 W

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	W8L145 PCV ELP3 PI6				
96579200	RC531B LED19S/940 W8L145 PCV ELP3 PI6	4000 K	90 lm/W	1900 lm	21 W
96582200	RC531B LED31S/940 W8L145 PCV ELP3 PI6	4000 K	98 lm/W	3100 lm	31.5 W
96574700	RC530B LED43S/940 W8L150 VPC ELP3 PI6	4000 K	136 lm/W	4300 lm	31.5 W
96577800	RC530B LED50S/940 W8L150 VPC ELP3 PI6	4000 K	135 lm/W	5000 lm	37 W
96580800	RC531B LED19S/940	4000 K	90 lm/W	1900 lm	21 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	W8L150 VPC ELP3 PI6				
96583900	RC531B LED31S/940 W8L150 VPC ELP3 PI6	4000 K	98 lm/W	3100 lm	31.5 W
96616400	RC532B LED31S/940 PSD W8L141 PCV PI5	4000 K	148 lm/W	3100 lm	21 W
96617100	RC532B LED43S/940 PSD W8L141 PCV PI5	4000 K	152 lm/W	4300 lm	28.5 W
96619500	RC535B LED50S/940 PSD W8L141 PCV PI5	4000 K	126 lm/W	5000 lm	41 W
96686700	RC535B LED43S/940 PSD W8L141 PCV PI5	4000 K	127 lm/W	4300 lm	34 W

Mechanical and Housing

Order Code	Full Product Name	Geometry
96399600	RC530B LED31S/940 PSD W8L141 PCV PI5	Width 0.08 m, length 1.41 m
96407800	RC532B LED15S/940 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m
96408500	RC531B LED15S/930 PSD W8L120 VPC PI5 IP	-
96410800	RC531B LED15S/940 PSD W8L113 PCV PI5	-
96413900	RC532B LED25S/940 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m
96414600	RC533B LED15S/940 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m
96418400	RC532B LED19S/940 PSD W8L141 PCV PI5	Width 0.08 m, length 1.41 m
96419100	RC530B LED43S/940 PSD W8L141 PCV PI5	-
96420700	RC531B LED19S/930 PSD W8L150 VPC PI5 IP	-
96422100	RC530B LED43S/940 PSD W8L150 VPC PI5 IP	-
96423800	RC531B LED31S/940 PSD W8L141 PCV PI5	Width 0.08 m, length 1.41 m
96426900	RC530B LED15S/940 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m
96429000	RC530B LED34S/930 PSD W8L120 VPC PI5 IP	-
96433700	RC531B LED15S/930 PSD W8L113 PCV PI5	Width 0.08 m, length 1.13 m
96656000	RC533B LED31S/940 PSD W8L141 PCV PI5	-
96682900	RC530B LED50S/940 PSD W8L141 PCV PI5	-
96683600	RC531B LED19S/940 PSD W8L141 PCV PI5	-

Order Code	Full Product Name	Geometry
96684300	RC533B LED19S/940 PSD W8L141 PCV PI5	-
96922600	RC530B LED40S/940 PSD W8L120 VPC PI5	-
96424500	RC534B LED40S/940 PSD W8L120 VPC PI5 IP	-
96618800	RC534B LED50S/940 PSD W8L141 PCV PI5	-
96685000	RC534B LED43S/940 PSD W8L141 PCV PI5	-
96573000	RC530B LED43S/940 W8L145 PCV ELP3 PI6	-
96576100	RC530B LED50S/940 W8L145 PCV ELP3 PI6	-
96579200	RC531B LED19S/940 W8L145 PCV ELP3 PI6	-
96582200	RC531B LED31S/940 W8L145 PCV ELP3 PI6	-
96574700	RC530B LED43S/940 W8L150 VPC ELP3 PI6	-
96577800	RC530B LED50S/940 W8L150 VPC ELP3 PI6	-
96580800	RC531B LED19S/940 W8L150 VPC ELP3 PI6	-
96583900	RC531B LED31S/940 W8L150 VPC ELP3 PI6	-
96616400	RC532B LED31S/940 PSD W8L141 PCV PI5	-
96617100	RC532B LED43S/940 PSD W8L141 PCV PI5	-
96619500	RC535B LED50S/940 PSD W8L141 PCV PI5	-
96686700	RC535B LED43S/940 PSD W8L141 PCV PI5	-

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2020, December 3 - data subject to change