



Philips TrueLine recessed: True line of light

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, the TrueLine recess-mounted is rated UGR<19, which is compliant with all office norms (OC). TrueLine also comes in suspended and surface-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 174 lm/W and the option to upgrade to wireless connectivity and control.

Benefits

- Extremely high efficacy for a line luminaire
- Office compliant lighting
- Future-ready, scalable smart office capabilities
- Compatible with the Interact connected lighting system
- Supports sustainable building design and energy-saving subsidy criteria

Applications

- Offices
- Education
- Retail

Features

- Highly-uniform lighting with excellent glare control (UGR<19, L65<3000cd/m2)
- Best-in-class efficacy up to 174 lm/W with our Ultra efficient offering

- 3,000 K, 4,000 K and Tunable White versions, all CRI>90; Bio-up and Ultra efficient with CRI>80
- Long lifetime L90@50,000 hours
- Integrated sensors/wireless drivers for data collection, occupancy, daylight regulation and wayfinding
- Environmental Product Declaration (EPD)
- Recessed, suspended and surface mounted options
- The product is IPX0 and, as such, is not protected against water ingress. Therefore, 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 failure and the product warranty will become void.

Versions



TrueLine Recessed PCV IP RTP

TrueLine-RC530 RC531B PCV
ELP3



TrueLine Recessed PCV LINE
NOSENSOR RTP

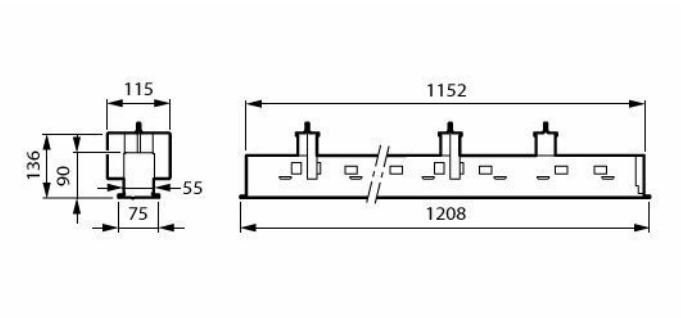


TrueLine Recessed PCV
ASYMMETRIC RTP

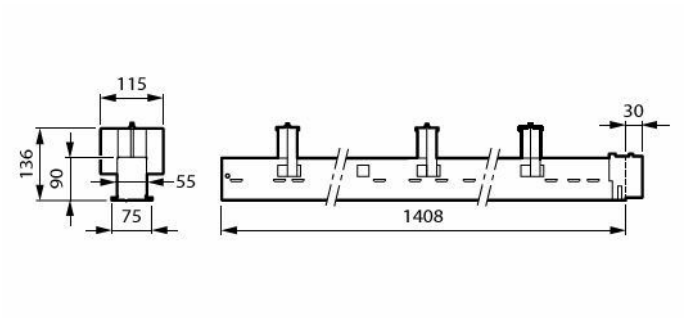


TrueLine Recessed-U3

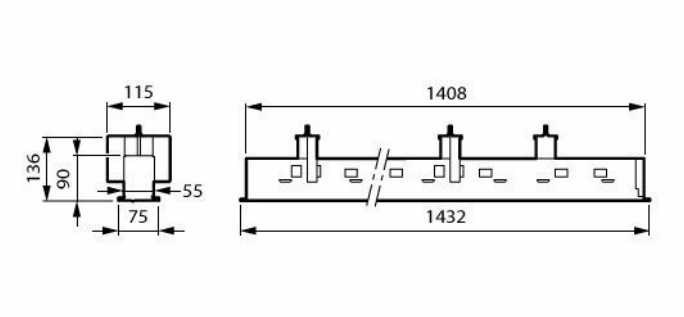
Dimensional drawing



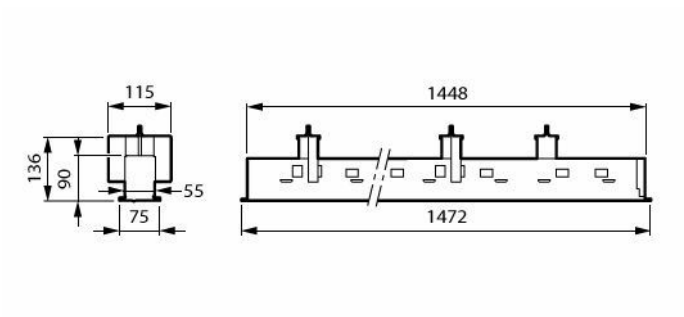
RC530B 34S/940 DEIA W8L113 PCV



RC533B 31S/940 DEIA W8L141 PCV



RC531B 31S/940 DEIA W8L141 PCV



RC530B 43S/TW9 SEIA W8L145 PCV U4

Product details



TrueLineRecessed NOC
OPTICS DP



TrueLine_Recessed U4 DP



TrueLine-
RC530_RC531_RC534B_VPC-
DPP.tif



TrueLine-
RC530_RC531_RC532_RC533B
_PCV-1DPP.tif



TrueLine-
RC530_RC531_RC532_RC533B
_PCV-2DPP.tif



TrueLine-
RC530_RC531_RC534B_VPC_PI
5-DPP.tif



TrueLine-
RC534B_SM534C_SP534P-
DPP.tif



TrueLineRecessed OC OPTICS
DP



TrueLineRecessed PCV line
CONNECTED DP1



TrueLine_Recessed-U3



TrueLineRecessed PCV line
CONNECTED DP2



TrueLine_Recessed IP DP



TrueLineRecessed
ASYMMETRIC OPTICS DP

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Colour rendering index (CRI)	>90
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%
Embedded control	Upgradable sensor slot with SC200 sensor

Mechanical and Housing

Housing Colour	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 h
Type of emergency lighting battery	Lithium

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Beam angle of light source	Optic type
910505103115	RC530B 34S/940 DEIA W8L113 PCV	3,400 lm	4000 K	143 lm/W	- degree(s)	Wide beam
910505103121	RC531B 31S/940 DEIA W8L141 PCV	3,100 lm	4000 K	110 lm/W	- degree(s)	Wide beam
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	3,100 lm	4000 K	112 lm/W	- degree(s)	Wide beam
910505103128	RC534B 43S/940 DEIA W8L141 PCV	4,300 lm	4000 K	138 lm/W	- degree(s)	Asymmetrical mirror
910505103122	RC532B 31S/940 DEIA W8L141 PCV	3,100 lm	4000 K	148 lm/W	- degree(s)	Wide beam
910505103126	RC533B 31S/940 DEIA W8L141 PCV	3,100 lm	4000 K	112 lm/W	- degree(s)	Wide beam
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	4,300 lm	Tunable white 2700-6500 K	121 lm/W	120 degree(s)	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505103115	RC530B 34S/940 DEIA W8L113 PCV	24.5 W
910505103121	RC531B 31S/940 DEIA W8L141 PCV	29 W
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	29 W
910505103128	RC534B 43S/940 DEIA W8L141 PCV	32 W
910505103122	RC532B 31S/940 DEIA W8L141 PCV	21 W
910505103126	RC533B 31S/940 DEIA W8L141 PCV	29 W
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	35.5 W

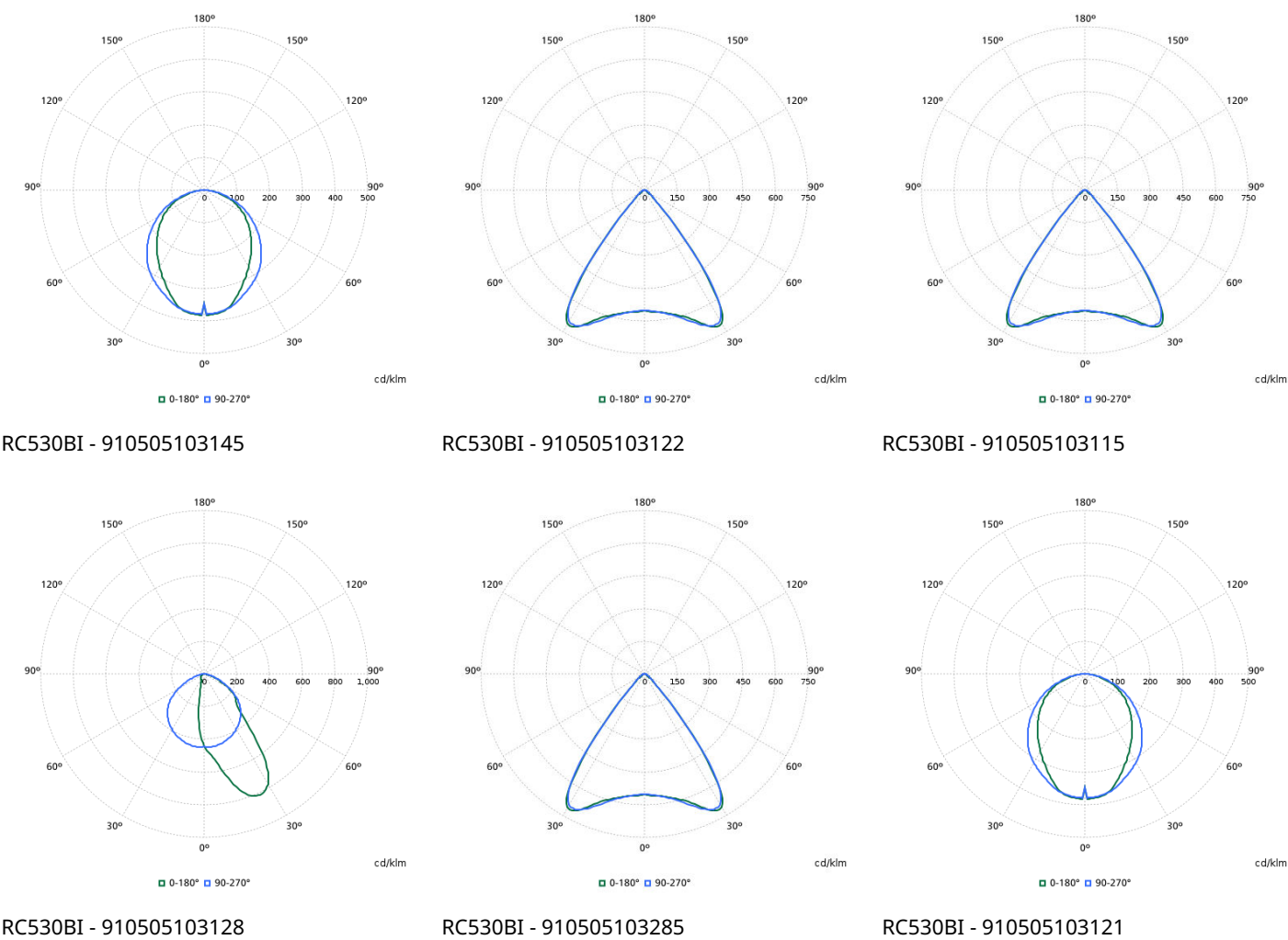
Emergency Operation

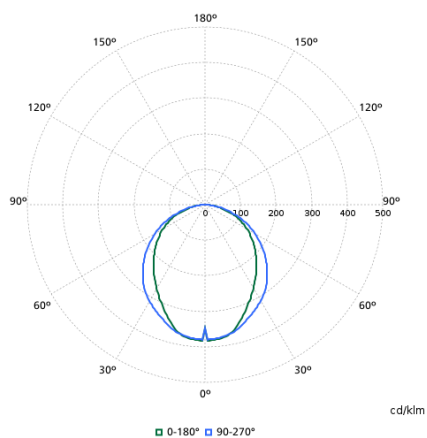
Order Code	Full Product Name	Central Emergency	Emergency lighting
910505103115	RC530B 34S/940 DEIA W8L113 PCV	Yes	DC operated central emergency lighting
910505103121	RC531B 31S/940 DEIA W8L141 PCV	Yes	DC operated central emergency lighting
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	No	Emergency lighting 3-hour duration Pro version
910505103128	RC534B 43S/940 DEIA W8L141 PCV	Yes	DC operated central emergency lighting
910505103122	RC532B 31S/940 DEIA W8L141 PCV	Yes	DC operated central emergency lighting
910505103126	RC533B 31S/940 DEIA W8L141 PCV	Yes	DC operated central emergency lighting
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	Yes	DC operated central emergency lighting

Product Data

Order Code	Full Product Name	Product family code
910505103115	RC530B 34S/940 DEIA W8L113 PCV	RC530B
910505103121	RC531B 31S/940 DEIA W8L141 PCV	RC531B
910505103145	RC531B 31S/940 D1A W8L145 PCV ELP3	RC531B
910505103128	RC534B 43S/940 DEIA W8L141 PCV	RC534B
910505103122	RC532B 31S/940 DEIA W8L141 PCV	RC532B
910505103126	RC533B 31S/940 DEIA W8L141 PCV	RC533B
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	RC530B

Polar normal diagrams





RC530BI - 910505103126