

# Philips TrueLine recessed: True line of light

## TrueLine, recessed

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, TrueLine recessed 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, colours 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 140 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

## Features

- Highly-uniform lighting with excellent glare control ( $UGR < 19$ ,  $L65 < 3000 \text{cd/m}^2$ )
- Best-in-class efficacy up to 140 lm/W
- 3000K, 4000K, and Tunable White versions, all CRI > 90
- 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

## Application

- Offices
- Education
- Retail

## Warnings and Safety

- 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



TrueLineRecessed PCV IP RTP



TrueLine-RC530 RC531B PCV ELP3

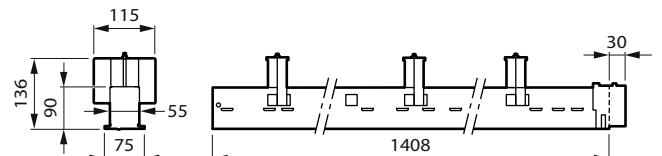
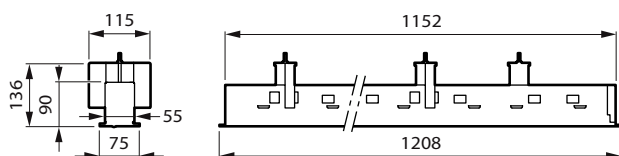


TrueLineRecessed PCV ASYMMETRIC RTP

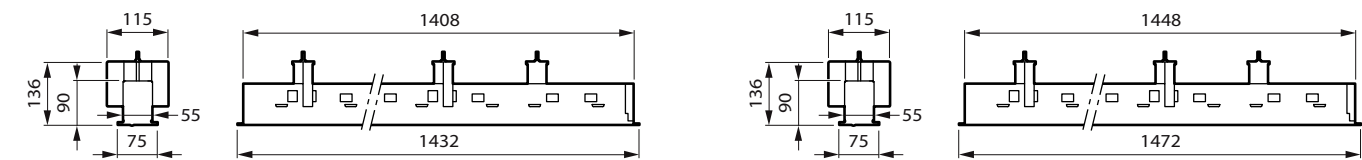


TrueLine Recessed-U3

## Dimensional drawing



Dimensional drawing



Product details



TrueLineRecessed NOC OPTICS  
DP



TrueLine\_Recessed U4 DP



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TrueLine-  
RC530\_RC531\_RC532\_RC533B\_P  
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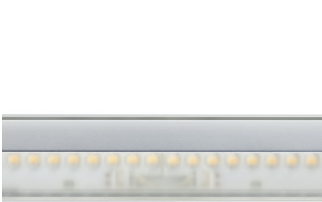


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TrueLine-  
RC530\_RC531\_RC534B\_VPC\_PI5-  
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Product details



TrueLine-  
RC534B\_SM534C\_SP534P-DPP.tif



TrueLineRecessed OC OPTICS DP



TrueLineRecessed PCV line  
CONNECTED DP1



TrueLineRecessed PCV line  
CONNECTED DP2



TrueLine\_Recessed-U3



TrueLine\_Recessed IP DP



TrueLineRecessed ASYMMETRIC  
OPTICS DP

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Colour rendering index (CRI)	>90
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Housing Colour	White
Mech. impact protection code	IK03
Approval and Application	
Ambient temperature range	+10 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM <3
Luminous flux tolerance	+/-10%

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Colour		Luminous Flux
			Temperature (Nom)	Luminous efficacy (rated) (nom.)	
97153000	RC530B 34S/940 PSD W8L115 PCV	- degree(s)	4000 K	145 lm/W	3,400 lm
97178300	RC531B 31S/940 PSD W8L141 PCV	- degree(s)	4000 K	110 lm/W	3,100 lm
97179000	RC531B 31S/940 W8L145 PCV ELP3	- degree(s)	4000 K	110 lm/W	3,100 lm
97200100	RC534B 43S/940 PSD W8L141 PCV	- degree(s)	4000 K	138 lm/W	4,300 lm
97186800	RC532B 31S/940 PSD W8L141 PCV	- degree(s)	4000 K	148 lm/W	3,100 lm
97197400	RC533B 31S/940 PSD W8L141 PCV	- degree(s)	4000 K	110 lm/W	3,100 lm
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	120 degree(s)	Tunable white 2700-6500 K	121 lm/W	4,300 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
97153000	RC530B 34S/940 PSD W8L115 PCV	Wide beam
97178300	RC531B 31S/940 PSD W8L141 PCV	Wide beam
97179000	RC531B 31S/940 W8L145 PCV ELP3	Wide beam
97200100	RC534B 43S/940 PSD W8L141 PCV	Asymmetrical mirror

Order Code	Full Product Name	Optic type
97186800	RC532B 31S/940 PSD W8L141 PCV	Wide beam
97197400	RC533B 31S/940 PSD W8L141 PCV	Wide beam
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
97153000	RC530B 34S/940 PSD W8L115 PCV	24.5 W
97178300	RC531B 31S/940 PSD W8L141 PCV	29 W
97179000	RC531B 31S/940 W8L145 PCV ELP3	29 W
97200100	RC534B 43S/940 PSD W8L141 PCV	32 W

Controls and Dimming

Order Code	Full Product Name	Embedded control
97153000	RC530B 34S/940 PSD W8L115 PCV	-
97178300	RC531B 31S/940 PSD W8L141 PCV	-
97179000	RC531B 31S/940 W8L145 PCV ELP3	-
97200100	RC534B 43S/940 PSD W8L141 PCV	-

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
97153000	RC530B 34S/940 PSD W8L115 PCV	IP20/40
97178300	RC531B 31S/940 PSD W8L141 PCV	IP20/40
97179000	RC531B 31S/940 W8L145 PCV ELP3	IP20/54
97200100	RC534B 43S/940 PSD W8L141 PCV	IP20/40

Emergency Operation

Order Code	Full Product Name	Emergency lighting	Type of emergency lighting battery	Rated duration of the emergency lighting (when fully charged)
97153000	RC530B 34S/940 PSD W8L115 PCV	-	-	-
97178300	RC531B 31S/940 PSD W8L141 PCV	-	-	-
97179000	RC531B 31S/940 W8L145 PCV ELP3	Emergency lighting 3-hour duration Pro version	Lithium	3 h

Product Data

Order Code	Full Product Name	Product family code
97153000	RC530B 34S/940 PSD W8L115 PCV	RC530B
97178300	RC531B 31S/940 PSD W8L141 PCV	RC531B
97179000	RC531B 31S/940 W8L145 PCV ELP3	RC531B
97200100	RC534B 43S/940 PSD W8L141 PCV	RC534B

Order Code	Full Product Name	Power Consumption
97186800	RC532B 31S/940 PSD W8L141 PCV	21 W
97197400	RC533B 31S/940 PSD W8L141 PCV	29 W
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	35.5 W

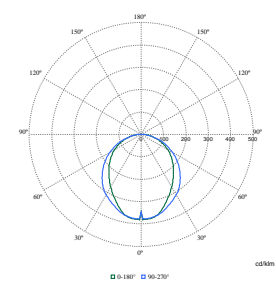
Order Code	Full Product Name	Embedded control
97186800	RC532B 31S/940 PSD W8L141 PCV	-
97197400	RC533B 31S/940 PSD W8L141 PCV	-
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	Upgradable sensor slot with SNS210 sensor

Order Code	Full Product Name	Ingress protection code
97186800	RC532B 31S/940 PSD W8L141 PCV	IP20/40
97197400	RC533B 31S/940 PSD W8L141 PCV	IP20/40
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	IP20

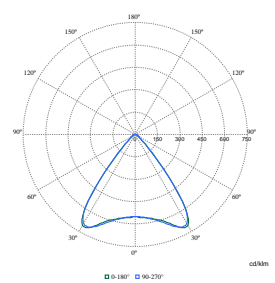
Order Code	Full Product Name	Emergency lighting	Type of emergency lighting battery	Rated duration of the emergency lighting (when fully charged)
97200100	RC534B 43S/940 PSD W8L141 PCV	-	-	-
97186800	RC532B 31S/940 PSD W8L141 PCV	-	-	-
97197400	RC533B 31S/940 PSD W8L141 PCV	-	-	-
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	-	-	-

Order Code	Full Product Name	Product family code
97186800	RC532B 31S/940 PSD W8L141 PCV	RC532B
97197400	RC533B 31S/940 PSD W8L141 PCV	RC533B
97321300	RC530B 43S/TW9 SIA W8L145 PCV U4	RC530B

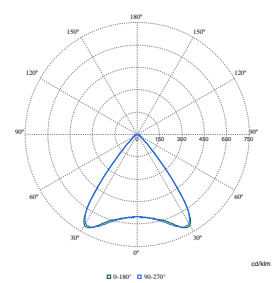
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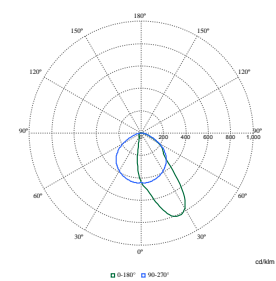
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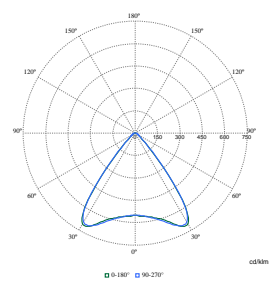
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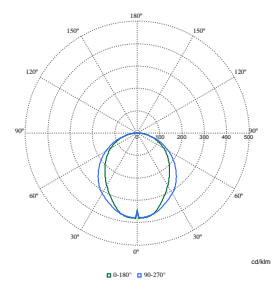
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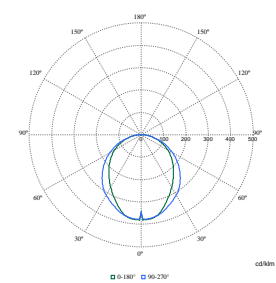
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Polar Normal (separate) - RC530BI - 910505103121



Polar Normal (separate) - RC530BI - 910505103126

