



# 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, 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

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### Features

- Highly-uniform lighting with excellent glare control (UGR<19, L65<3000cd/m<sup>2</sup>)
- 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

### 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



TrueLine Recessed PCV IP RTP



TrueLine-RC530 RC531B PCV ELP3

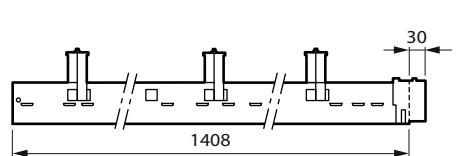
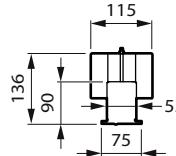
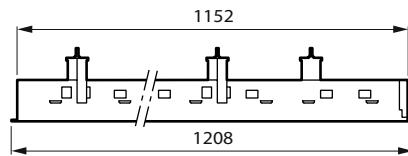
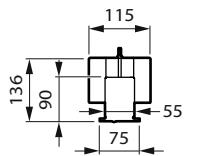


TrueLine Recessed PCV ASYMMETRIC RTP



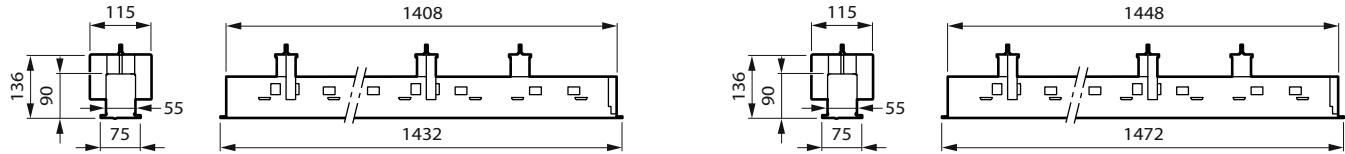
TrueLine Recessed-U3

### Dimensional drawing



## TrueLine, recessed

### Dimensional drawing



### Product details



TrueLineRecessed NOC OPTICS  
DP



TrueLine\_Recessed U4 DP



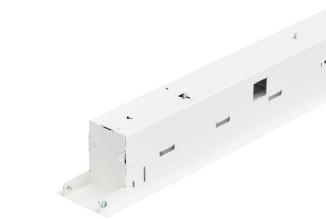
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CV-2DPP.tif



TrueLine-  
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DPP.tif

# TrueLine, recessed

## Product details

TrueLine-  
RC534B\_SM534C\_SP534P-DPP.tif



TrueLineRecessed OC OPTICS DP



TrueLine\_Recessed-U3



TrueLineRecessed PCV line  
CONNECTED DP1



TrueLineRecessed PCV line  
CONNECTED DP2



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
Ingress protection code	IP20
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 efficacy (rated)	Luminous Flux
			(Nom)	(nom.)	
910505103115	RC530B 34S/940 DEIA W8L113 PCV	- degree(s)	4000 K	143 lm/W	3,400 lm
910505103121	RC531B 31S/940 DEIA W8L141 PCV	- degree(s)	4000 K	110 lm/W	3,100 lm
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	- degree(s)	4000 K	112 lm/W	3,100 lm
910505103128	RC534B 43S/940 DEIA W8L141 PCV	- degree(s)	4000 K	138 lm/W	4,300 lm
910505103122	RC532B 31S/940 DEIA W8L141 PCV	- degree(s)	4000 K	148 lm/W	3,100 lm
910505103126	RC533B 31S/940 DEIA W8L141 PCV	- degree(s)	4000 K	112 lm/W	3,100 lm
910505103285	RC530B 43S/TW9 SEIA 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
910505103115	RC530B 34S/940 DEIA W8L113 PCV	Wide beam
910505103121	RC531B 31S/940 DEIA W8L141 PCV	Wide beam
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	Wide beam
910505103128	RC534B 43S/940 DEIA W8L141 PCV	Asymmetrical mirror

Order Code	Full Product Name	Optic type
910505103122	RC532B 31S/940 DEIA W8L141 PCV	Wide beam
910505103126	RC533B 31S/940 DEIA W8L141 PCV	Wide beam
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	Wide beam

## Operating and Electrical

## TrueLine, recessed

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

Order Code	Full Product Name	Power Consumption
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

### Controls and Dimming

Order Code	Full Product Name	Embedded control
910505103115	RC530B 34S/940 DEIA W8L113 PCV	-
910505103121	RC531B 31S/940 DEIA W8L141 PCV	-
910505103145	RC531B 31S/940 DIA W8L145 PCV ELP3	-
910505103128	RC534B 43S/940 DEIA W8L141 PCV	-

Order Code	Full Product Name	Embedded control
910505103122	RC532B 31S/940 DEIA W8L141 PCV	-
910505103126	RC533B 31S/940 DEIA W8L141 PCV	-
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	Upgradable sensor slot with SNS210 sensor

### Emergency Operation

Order Code	Full Product	Central	Emergency	Rated duration of the	
				Type of emergency	lighting
Order Code	Name	Emergency	lighting	battery	(when fully charged)
910505103115	RC530B	Yes	DC operated	-	-
	34S/940		central		
	DEIA W8L113		emergency		
	PCV		lighting		
910505103121	RC531B	Yes	DC operated	-	-
	31S/940		central		
	DEIA W8L141		emergency		
	PCV		lighting		
910505103145	RC531B	No	Emergency	Lithium	3 h
	31S/940 DIA		lighting 3-hour		
	W8L145 PCV		duration Pro		
	ELP3		version		
910505103128	RC534B	Yes	DC operated	-	-
	43S/940		central		

Order Code	Full Product	Central	Emergency	Rated duration of the	
				Type of emergency	lighting
Order Code	Name	Emergency	lighting	battery	(when fully charged)
910505103122	RC532B	Yes	DC operated	-	-
	31S/940		central		
	DEIA W8L141		emergency		
	PCV		lighting		
910505103126	RC533B	Yes	DC operated	-	-
	31S/940		central		
	DEIA W8L141		emergency		
	PCV		lighting		
910505103285	RC530B	-	-	-	-
	43S/TW9				
	SEIA W8L145				
	PCV U4				

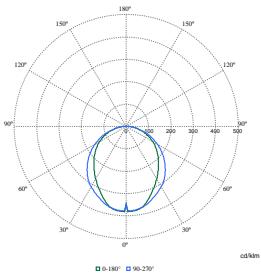
### Product Data

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 DIA W8L145 PCV ELP3	RC531B
910505103128	RC534B 43S/940 DEIA W8L141 PCV	RC534B

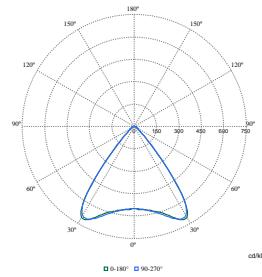
Order Code	Full Product Name	Product family code
910505103122	RC532B 31S/940 DEIA W8L141 PCV	RC532B
910505103126	RC533B 31S/940 DEIA W8L141 PCV	RC533B
910505103285	RC530B 43S/TW9 SEIA W8L145 PCV U4	RC530B

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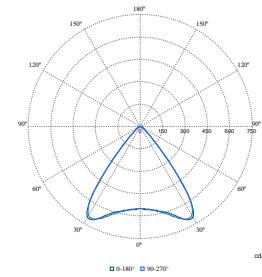
### Polar Wide Diagrams



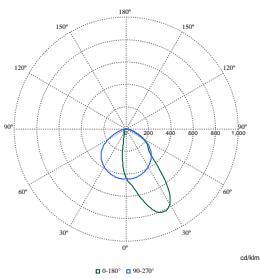
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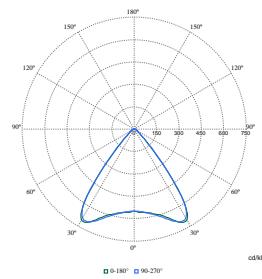
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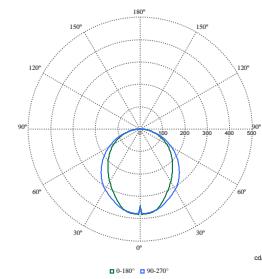
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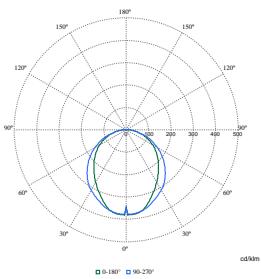
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Polar Normal (separate) - RC530BI -  
910505103285



Polar Normal (separate) - RC530BI -  
910505103121



Polar Normal (separate) - RC530BI -  
910505103126

