



# TrueLine Interalu

## RC536B 40S/940SRD W5L117SAPP U4W3-M/F BK

TrueLine Interalu, 28 W, 4000 lm, 4000 K, CRI>90, Wireless, Interact Ready, UGR19, U4, TP(b)

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light 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). These luminaires in the family are available in different lengths 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.

### Warnings and Safety

- The product is IP20 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.

### Product data

General Information		Light Technical	
Number of gear units	1 unit	Luminous Flux	4,000 lm
Driver included	Yes	Correlated Color Temperature (Nom)	4000 K
Service tag	Yes	Luminous Efficacy (rated) (Nom)	143 lm/W
Warranty period	5 years	Color rendering index (CRI)	>90
		Beam angle of light source	120 degree(s)

## TrueLine Interalu

Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	80°
Unified glare rating CEN	19
Indirect glare reduction measure for Display Screen Equipment (EN 12464-2021)	L65≤3000 cd/m²

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	216 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
Connectivity	Interact Ready
Embedded control	Upgradable sensor slot with SC200 sensor

### Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Black
Optical cover finish	Structured optic
Overall length	1,319 mm
Overall width	68 mm
Overall height	80 mm
Dimensions (Height x Width x Depth)	80 x 68 x 1319 mm
Compatible ceiling or ceiling installation accessory type	Interalu SAPP ceiling version
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	2.800 kg

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Diffuser Flammability Class	TP(b) diffuser flammability class
Performance ambient temperature Tq	25 °C
Ambient temperature range	0 to +35 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	2.5 %
Control gear failure rate at median useful life 100000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

### Sustainability Data

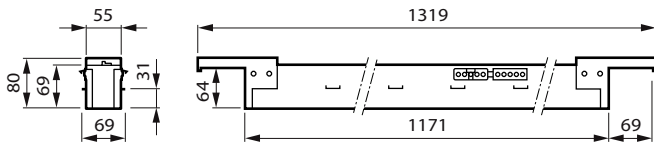
Sustainability rating	Unclassified
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts

### Product Data

Order product name	RC536B 40S/940SRD W5L117SAPP U4W3-M/F BK
Full product name	RC536B 40S/940SRD W5L117SAPP U4W3-M/F BK
Full product code	872016962784000
Order code	910505105736
Material Nr. (12NC)	910505105736
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169627840
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169627840
Product family code	RC536B [TrueLine Interalu]

# TrueLine Interalu

## Dimensional drawing



TrueLine Interalu\_L117-SAPP

