



TrueLine, recessed

RC532B 43S/940 SEIA W8L145 PCV U4 W3

TrueLine, recessed, 30 W, 1450x80 mm, PCV, 4300 lm, 4000 K, CRI>90, Wireless, Interact Ready, UGR19, U4, Wieland

1450x80 mm, Plaster ceiling version, Steel, White, Signal white (RAL9003), Sensor ready driver Interact System ready for central emergency lighting, Upgradable sensor slot with SC200 sensor, 4300 lm, 30 W, 143 lm/W, 4000 K, (0.38, 0.38) SDCM <3, CRI>90, UGR19, Wide beam, Structured optic, Polymethyl methacrylate, IP20 | Finger-protected, IK03 | 0.35 J reinforced, Safety class I, Push-in connector 3-pole, DC operated central emergency lighting

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.

Product data

General Information		Saturated Red (R9)	
Light source replaceable	No		>50
Number of gear units	1 unit	Correlated Color Temperature (Nom)	4000 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	143 lm/W
Service tag	Yes	Color rendering index (CRI)	>90
Lighting Technology	LED	Beam angle of light source	- degree(s)
Value ladder	Specification	Light source color	940 neutral white
Warranty period	5 years	Optic type	Wide beam
		Luminaire light beam spread	80°
		Unified glare rating CEN	19
Light Technical			
Luminous Flux	4,300 lm		

TrueLine, recessed

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	21 A
Inrush time	280 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Wiring	
Connector Type	Wieland
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Sensor ready driver Interact System ready for central emergency lighting
Control interface	Wireless
Constant light output	No
Maximum dim level	1%
Connectivity	Interact Ready
Embedded control	Upgradable sensor slot with SC200 sensor
Mechanical and Housing	
Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White
Optical cover finish	Structured optic
Overall length	1,448 mm
Overall width	75 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 75 x 1448 mm
Compatible ceiling or ceiling installation accessory type	Plaster ceiling version
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.35 J reinforced]
Net Weight (Piece)	3.500 kg
Emergency Operation	
Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

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
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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
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	0.05 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	29.6 kg CO ₂ e
Product non-virgin material ratio	21.6 %
Recyclable content ratio of the finished product	66.2 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) *

TrueLine, recessed

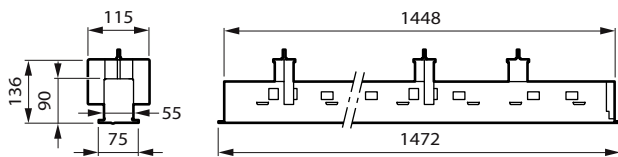
	Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

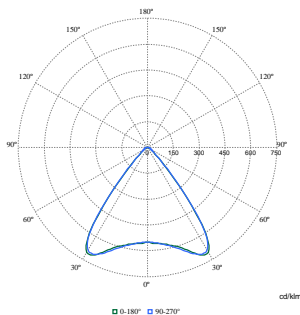
Order product name	RC532B 43S/940 SEIA W8L145 PCV U4 W3
---------------------------	--------------------------------------

Full product name	RC532B 43S/940 SEIA W8L145 PCV U4 W3
Full product code	871951497190500
Order code	910505103155
Material Nr. (12NC)	910505103155
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514971905
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514971905
Product family code	RC532B [TrueLine Recessed Line OC]

Dimensional drawing



Photometric data



Polar Normal (separate) - RC530BI - 910505103155

TrueLine, recessed

