



# TrueLine, recessed

## RC532B 25S/940 DEIA W8L113 PCV

TrueLine, recessed, 18 W, 1130x80 mm, PCV, 2500 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19

1130x80 mm, Plaster ceiling version, Steel, White, Signal white (RAL9003), Dali dimming Interact System ready external for central emergency lighting, 2500 lm, 18 W, 139 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 5-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		Operating and Electrical	
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	139 lm/W
Driver included	Yes	Color rendering index (CRI)	>90
Service tag	Yes	Beam angle of light source	- degree(s)
Lighting Technology	LED	Light source color	940 neutral white
Value ladder	Specification	Optic type	Wide beam
Warranty period	5 years	Luminaire light beam spread	80°
		Unified glare rating CEN	19
Light Technical		Operating and Electrical	
Luminous Flux	2,500 lm	Input Voltage	220 to 240 V
Saturated Red (R9)	>50	Line Frequency	50 to 60 Hz

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Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	19.4 A
Inrush time	200 ms
Power Consumption	18 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	30
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready external for central emergency lighting
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%
Connectivity	Interact Ready

### 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	1,127 mm
Overall width	75 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 75 x 1127 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)	2.700 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

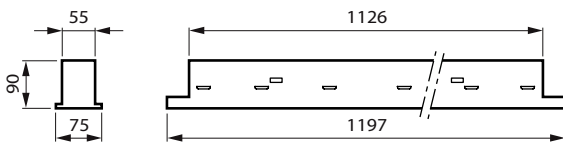
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon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

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<b>Non-virgin material ratio of the packaging</b>	Cardboard > 80% recycled Plastic >35% recycled
<b>Packaging Recyclable content ratio</b>	Cardboard recycling rate > 80% Plastic recycling rate > 40%
<b>Packaging Material</b>	Cardboard Plastic
<b>Product Data</b>	
<b>Order product name</b>	RC532B 25S/940 DEIA W8L113 PCV
<b>Full product name</b>	RC532B 25S/940 DEIA W8L113 PCV
<b>Full product code</b>	871951497184400

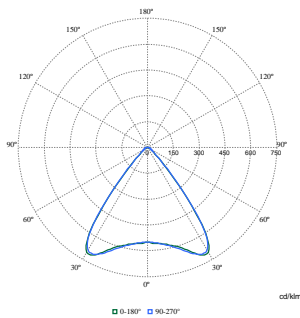
<b>Order code</b>	97184400
<b>Material Nr. (12NC)</b>	910505103119
<b>Numerator - Quantity Per Pack</b>	1
<b>EAN/UPC - Product/Case</b>	8719514971844
<b>Numerator - Packs per outer box</b>	1
<b>EAN/UPC - Case</b>	8719514971844
<b>Product family code</b>	RC532B [TrueLine Recessed Line OC]

## Dimensional drawing



Recessed VPC\_W8L120\_no sensor

## Photometric data



Polar Normal (separate) - RC530BI - 910505103119

