



TrueLine, recessed

RC535B 50S/940 DEIA W8L141 PCV

TrueLine, recessed, 38 W, 1410x80 mm, PCV, 5000 lm, 4000 K, CRI>90, DALI, Interact Ready

1410x80 mm, Plaster ceiling version, Steel, White, Signal white (RAL9003), Dali dimming Interact System ready external for central emergency lighting, 5000 lm, 38 W, 132 lm/W, 4000 K, (0.38, 0.38) SDCM <3, CRI>90, Asymmetrical mirror, 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		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)	132 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	Asymmetrical mirror
		Luminaire light beam spread	-
		Unified glare rating CEN	Not applicable
Light Technical			
Luminous Flux	5,000 lm		

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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	25 A
Inrush time	230 ms
Power Consumption	38 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-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 %
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	1,408 mm
Overall width	75 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 75 x 1408 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)	3.200 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	90 %
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	L75

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.
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

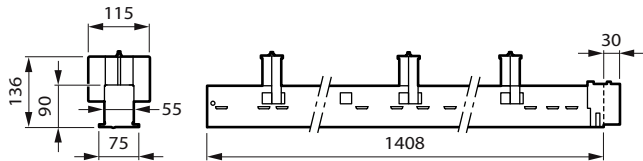
Order product name	RC535B 50S/940 DEIA W8L141 PCV
Full product name	RC535B 50S/940 DEIA W8L141 PCV
Full product code	871951497203200
Order code	910505103125

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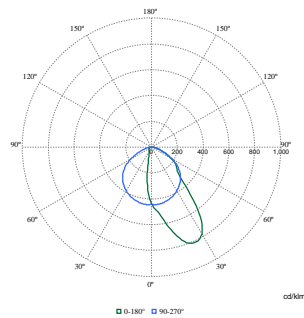
Material Nr. (12NC)	910505103125
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514972032
Numerator - Packs per outer box	1

EAN/UPC - Case	8719514972032
Product family code	RC535B [TrueLine Recessed Line Asym]

Dimensional drawing



Photometric data



Polar Normal (separate) - RC530BI - 910505103125

