



TrueLine Wall-mounted

WL532W 40S/940 DEIA SW L850 WH

TrueLine Wall-mounted, 41 W, L850 mm, 4000 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19, EL-DC

L850 mm, Aluminium, White RAL 9003, Dali dimming Interact System ready external for central emergency lighting, 4000 lm, 41 W, 97 lm/W, 4000 K, (0.38, 0.38) SDCM <3, CRI>90, UGR19, Wide beam, Frosted, Polymethyl methacrylate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class I, 2 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		Color rendering index (CRI)	
Number of gear units	2 units		>90
Driver included	Yes	Light source color	940 neutral white
Value ladder	Performance	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	4,000 lm	Input Voltage	220-240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 to 60 Hz
Luminous Efficacy (rated) (Nom)	97 lm/W	Inrush current	36 A

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Inrush time	130 ms
Power Consumption	41 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	25
Suitable for random switching	No
Protection class IEC	Safety class I

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	D4i™ DALI-2™
Connectivity	Interact Ready
Embedded control	-

Mechanical and Housing

Housing Material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	White RAL 9003
Optical cover finish	Frosted
Overall length	850 mm
Overall width	82 mm
Overall height	88 mm
Dimensions (Height x Width x Depth)	88 x 82 x 850 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	3.260 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	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	0.1 %
Lumen maintenance (EN-IEC 62722-2-1) at L90 median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at L80 median useful life* 100000 h	

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.

Product Data

Order product name	WL532W 40S/940 DEIA SW L850 WH
Full product name	WL532W 40S/940 DEIA SW L850 WH
Full product code	872110339033200
Order code	910505106587
Material Nr. (12NC)	910505106587
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103390332
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103390332
Product family code	WL532W [TrueLine wall mounted D/I]

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Dimensional drawing

