



SmartBalance Wall-mounted

WL484W 53S/940 DEIA D/I SW WH

SmartBalance Wall-mounted, Direct and Indirect, 46 W, 5800 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19, EL-DC

Direct and Indirect, Aluminium, White RAL9016, Dali dimming Interact System ready external for central emergency lighting, 5800 lm, 46 W, 124 lm/W, 4000 K, (0.39, 0.38) SDCM <3, CRI>90, UGR19, Wide beam, Opal, Polymethyl methacrylate, IP40 | Wire-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	
Number of gear units	2 units
Driver included	Yes
Warranty period	5 years

Light Technical	
Luminous Flux	5,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	>90

Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	100°
Unified glare rating CEN	19

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	36 A
Inrush time	130 ms

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Power Consumption	46 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 RAL9016
Optical cover finish	Opal
Overall length	900 mm
Overall width	152 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 152 x 900 mm
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	5.480 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	0 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.39, 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 median useful life* 50000 h	L90
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.
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	WL484W 53S/940 DEIA D/I SW WH
Full product name	WL484W 53S/940 DEIA D/I SW WH
Full product code	872110339018900
Order code	910505106572
Material Nr. (12NC)	910505106572
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103390189
Numerator - Packs per outer box	1
EAN/UPC - Case	8721103390189
Product family code	WL484W [SmartBalance wall-mounted]

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Dimensional drawing

