SmartBalance Wall-mounted

WL484W LED52S/830 PSD D/I SW WH

SmartBalance wall-mounted, LED Module, system flux 5200 lm, 830 warm white, Power supply unit with DALI interface, White

Striking the right balance between the different lighting needs in a patient room is a challenge for many hospitals. That's why our bed-head luminaires offer some of the key functionalities required by both patients and staff. The SmartBalance, wall-mounted luminaire combines high-quality lighting performance with a stylish, timeless design. General ambience light is provided indirectly via the upper part of the luminaire. The lower part delivers direct, diffuse light, allowing patients to read and clinical staff to carry out examinations at the bed.

Product data

General Information	
Lamp family code	LED52S [LED Module, system flux 5200 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	2 units
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.

Product family code	WL484W [SmartBalance wall-mounted]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	5,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	116 lm/W

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Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	-
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	156°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	48 A
Inrush time	0.18 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Textured
Overall length	900 mm
Overall width	152 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 152 x 900 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

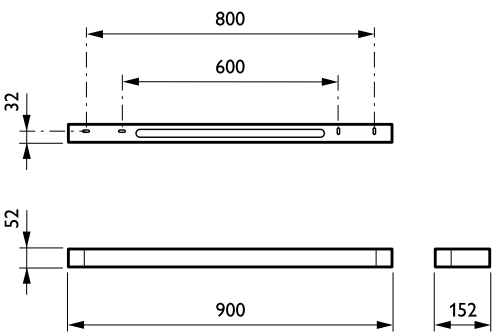
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	WL484W LED52S/830 PSD D/I SW WH
Full product name	WL484W LED52S/830 PSD D/I SW WH
Full product code	871794310527400
Order code	910504094103
Material Nr. (12NC)	910504094103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943105274
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943105274

Dimensional drawing



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2023, August 2 - data subject to change