![Philips Lighting logo]

SmartBalance Wall-mounted

WL484W LED40S/840 PSD D/I SW WH

SmartBalance wall-mounted, LED module, system flux 4000 lm, 840 neutral 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	LED40S [LED module, system flux 4000 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	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	122 lm/W

data subject to change

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Color rendering index (CRI)	≥80		Housing Color	White
Number of light sources	1		Optical cover finish	Textured
Beam angle of light source	– degree(s)		Overall length	900 mm
Light source color	840 neutral white		Overall width	152 mm
Optic type	–		Overall height	52 mm
Optical cover type	Polycarbonate bowl/cover		Dimensions (Height x Width x Depth)	52 x 152 x 900 mm
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	32.7 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

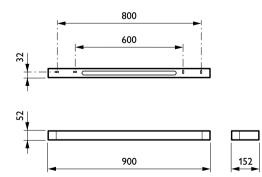### Controls and Dimming

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

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	(0.38, 0.38) 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 LED40S/840 PSD D/I SW WH
Full product name	WL484W LED40S/840 PSD D/I SW WH
Full product code	871869686902400
Order code	910504096303
Material Nr. (12NC)	910504096303
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696869024
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696869024

Dimensional drawing

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