



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 - Direct/indirect lighting - Separate switching - 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	
Number of light sources	1 pc
Lamp family code	LED52S [LED Module, system flux 5200 lm]
Beam angle of light source	- °
Light source color	830 warm white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	2 units
Gear	-
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	156°
Embedded control	-
Control interface	DALI
Light regulation	-
Separate switching	Separate switching
Connection	Push-in connector 5-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s

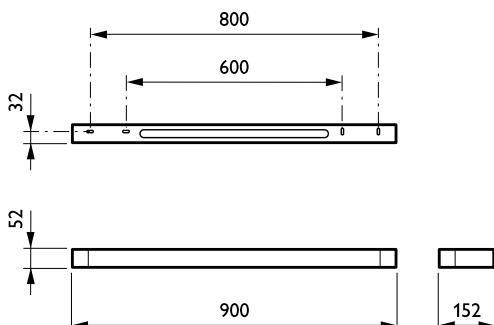
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Flammability mark	For mounting on normally flammable surfaces	Mech. Impact protection code	IK02 [0.2 J standard]
Initial Performance (IEC Compliant)			
CE mark	CE mark	Initial luminous flux (system flux)	5200 lm
ENEC mark	ENEC plus mark	Luminous flux tolerance	+/-10%
UL mark	-	Initial LED luminaire efficacy	104 lm/W
Warranty period	5 years	Init. Corr. Color Temperature	3000 K
Constant light output	No	Init. Color Rendering Index	≥80
Number of products on MCB of 16 A type B	20	Initial chromaticity	(0.43, 0.40) SDCM <3
RoHS mark	RoHS mark	Initial input power	50 W
Accessory PFC	N/A	Power consumption tolerance	+/-10%
Product family code	WL484W [SmartBalance wall-mounted]		
Light Technical			
Light Distribution	Direct/indirect lighting		
Operating and Electrical			
Input Voltage	220-240 V	Driver failure rate at 5000 h	1 %
Input Frequency	50 to 60 Hz	Median useful life L70B50	70000 h
Control signal voltage	0-16 V DC DALI	Median useful life L80B50	50000 h
Inrush current	48 A	Median useful life L90B50	25000 h
Inrush time	0.18 ms		
Power Factor (Min)	0.9		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Housing Material	Aluminum	Full product code	871794310527400
Reflector material	Aluminum	Order product name	WL484W LED52S/830 PSD D/I SW WH
Optic material	-	EAN/UPC - Product	8717943105274
Optical cover/lens material	Polycarbonate	Order code	910504094103
Gear tray material	-	Numerator - Quantity Per Pack	1
Fixation material	Stainless steel	Numerator - Packs per outer box	1
Optical cover/lens finish	Textured	Material Nr. (12NC)	910504094103
Overall length	900 mm	Net Weight (Piece)	5.700 kg
Overall width	152 mm		
Overall height	52 mm		
Approval and Application			
Ingress protection code	IP40 [Wire-protected]		



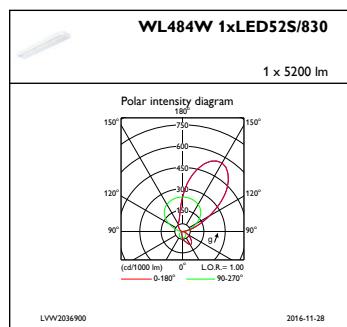
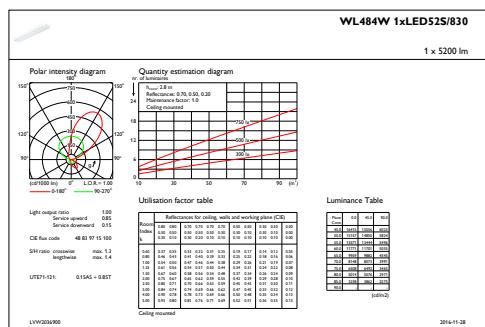
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Dimensional drawing



SmartBalance Wall-mounted WL484

Photometric data



IFGU1_WL484W1xLED52S830

IFPC1_WL484W1xLED52S830

