SmartBalance, wall-mounted – Stylish and comfortable

SmartBalance Wall-mounted

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.

Benefits
· Elegant, slim design
· Delivers patient-room illumination levels
· Energy savings and long lifetime

Features
· Slim design: lower in height than competitor models
· Compliant with lighting norms for patient rooms and corridors
· Appealing, timeless design
· Flexible mounting, both electrical and mechanical
· State-of-the-art LED technology
· Configurator approach to meet a range of hospital requirements

Application
· Patient rooms
· Corridors

Specifications

SmartBalance Wall-mounted

Type	WL484W		**Performance Ambient**	+25 ºC
Light source	Philips Fortimo LED Line 1R		**Temperature Tq**	
Power	32.7 to 45 W (depending on type)		**Operating temperature**	–20 to +30 ºC
Beam angle	Asymmetrical beam		**range**	
Luminous flux	4000 or 5200 lm (downlight versions)		**Driver**	Built-in
	4400 or 4600 lm (uplight versions)		**Mains voltage**	230 or 240 V / 50–60 Hz
Correlated Color	3000 or 4000 K		**Dimming**	DALI dimmable
Temperature			**Options**	EFE relay, nightlight
Color Rendering Index	>80		**Material**	Housing: aluminum
Lumen maintenance at	L80			Optic: PMMA
median useful life*			**Color**	Silver grey (comparable to RAL 9006)
50000 h				White (RAL 9003)
Control gear failure rate	5%		**Installation**	Screw mounting, directly onto surface
at median useful life				Through–wiring not possible
50000 h				

Versions

**SmartBalance Wall-mounted
WL484W luminaire with direct/
indirect light distribution**

**SmartBalance Wall-mounted
WL484W luminaire with direct
light distribution**

Product details

**Indirect or direct/indirect light
distribution**

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Application Conditions

Ambient temperature range	0 to +35 °C
Maximum dim level	1%
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP40

Controls and Dimming

Dimmable	Yes

Operating and Electrical

Input Voltage	220-240 V

General Information

Beam angle of light source	– °
Cap-Base	–
CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Polycarbonate bowl/cover
Driver included	Yes
ENEC mark	ENEC plus mark
Flammability mark	For mounting on normally flammable surfaces
Gear	–
Glow-wire test	Temperature 650 °C, duration 5 s
Embedded control	–
Light source replaceable	No
Light regulation	–
Number of light sources	1 pc
Optic type	–
Product Family Code	WL484W
UL mark	–

Initial Performance (IEC Compliant)

Init. Color Rendering Index	≥80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units
910504094103	WL484W LED52S/830 PSD D/I SW WH	LED52S	2 units
910504096303	WL484W LED40S/840 PSD D/I SW WH	LED40S	2 units
910504094203	WL484W LED46S/840 PSD IND WH	LED46S	1 unit

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504094103	WL484W LED52S/830	(0.43, 0.40) SDCM <3	3000 K	116 lm/W	5200 lm

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	PSD D/I SW WH				

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Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910504096303	WL484W LED40S/840	(0.38, 0.38) SDCM <3	4000 K	122 lm/W	4000 lm

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	PSD D/I SW WH				
910504094203	WL484W LED46S/840 PSD IND WH	(0.38, 0.38) SDCM <3	4000 K	124 lm/W	4600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910504094103	WL484W LED52S/830 PSD D/I SW WH	45 W
910504096303	WL484W LED40S/840 PSD D/I SW WH	32.7 W

Order Code	Full Product Name	Initial input power
910504094203	WL484W LED46S/840 PSD IND WH	37 W

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