

SmartBalance Wall-mounted

WL484WI



Stylish, comfortable, and adaptable bedhead light

Striking the right balance among different lighting needs in patient rooms can be challenging. Our bedhead luminaires meet this challenge by satisfying some of the key lighting needs of both patients and staff. Philips SmartBalance wall-mounted luminaires offer high-quality lighting performance in a stylish, minimalistic design. The upper section of the luminaire produces indirect ambient light, and the lower part delivers direct diffused light—sufficient for patients who want to read in bed. At maximum output, Philips TrueLine generates enough light for clinical staff to carry out bedside examinations. Philips SmartBalance wall-mounted luminaires look modern while ensuring easy cleaning and hygiene—a must in hospital environments. These luminaires offer independent control of both the upper and lower light, and are designed for quick and easy installation.

Benefits

- Adaptable light settings facilitate the various activities in patient rooms
- Light level norms can be achieved with a single luminaire
- Long lifetime

Applications

- Healthcare
- Hospitals and Care Centers

Features

- Separately controllable direct and indirect light sources
- Dedicated asymmetric light distribution
- Long lifetime of 50,000 hrs @L90, 100,000 hrs @L80
- Includes an Environmental Product Declaration (EPD)

- 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.

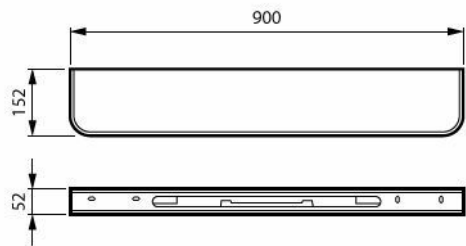
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Versions



SmartBalance Wallmounted-WL484W

Dimensional drawing



WL484W 53S/940 WIA D/I SW WH

Product details



SmartBalance Wallmounted-WL484W- detail



SmartBalance Wallmounted-WL484W- detail

General Information

Number of gear units	2 units
Driver included	Yes
Service tag	Yes

Light Technical

Luminous Flux	5,800 lm
Color rendering index (CRI)	>90
Optic type	Wide beam

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Embedded control	-

Mechanical and Housing

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]

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	-
Ambient temperature range	0 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Product Data

Product family code	WL484W [SmartBalance wall-mounted]
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
910505106572	WL484W 53S/940 DEIA D/I SW WH	4000 K	124 lm/W
910505106573	WL484W 53S/930 DEIA D/I SW WH	3000 K	118 lm/W
910505106574	WL484W 53S/940 WIA D/I SW WH	4000 K	125 lm/W
910505106575	WL484W 53S/940 DEIA D/I SW SI	4000 K	118 lm/W
910505106576	WL484W 53S/930 DEIA D/I SW SI	3000 K	118 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505106572	WL484W 53S/940 DEIA D/I SW WH	46 W
910505106573	WL484W 53S/930 DEIA D/I SW WH	49 W
910505106574	WL484W 53S/940 WIA D/I SW WH	46 W
910505106575	WL484W 53S/940 DEIA D/I SW SI	47 W
910505106576	WL484W 53S/930 DEIA D/I SW SI	49 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
910505106572	WL484W 53S/940 DEIA D/I SW WH	White RAL9016
910505106573	WL484W 53S/930 DEIA D/I SW WH	White RAL9016
910505106574	WL484W 53S/940 WIA D/I SW WH	White RAL9016
910505106575	WL484W 53S/940 DEIA D/I SW SI	RAL 9006
910505106576	WL484W 53S/930 DEIA D/I SW SI	RAL 9006

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505106572	WL484W 53S/940 DEIA D/I SW WH	Yes	DC operated central emergency lighting
910505106573	WL484W 53S/930 DEIA D/I SW WH	Yes	DC operated central emergency lighting
910505106574	WL484W 53S/940 WIA D/I SW WH	No	-
910505106575	WL484W 53S/940 DEIA D/I SW SI	Yes	DC operated central emergency lighting
910505106576	WL484W 53S/930 DEIA D/I SW SI	Yes	DC operated central emergency lighting

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505106572	WL484W 53S/940 DEIA D/I SW WH	(0.39, 0.38) SDCM <3
910505106573	WL484W 53S/930 DEIA D/I SW WH	(0.43, 0.40) SDCM <3
910505106574	WL484W 53S/940 WIA D/I SW WH	(0.39, 0.38) SDCM <3
910505106575	WL484W 53S/940 DEIA D/I SW SI	(0.39, 0.38) SDCM <3
910505106576	WL484W 53S/930 DEIA D/I SW SI	(0.43, 0.40) SDCM <3