



# SmartBalance Free Floor Standing – combining performance with smart design

## SmartBalance Free Floor Standing

Free floor-standing luminaires are loved by customers as the ideal solution for personally controlled, flexible and comfortable lighting. SmartBalance is the next step in free floor-standing luminaires. Thanks to the application of state-of-the-art LED technology, it offers not only increased energy efficiency, but also a compact and clean design that blends into any environment. SmartBalance is also available in recessed, surface-mounted and suspended versions.

### Benefits

- One luminaire can light two desks to the levels required for offices
- Energy efficacy of over 100 lm/W, allowing energy cost savings of over 50%
- Compact form (the head is only 37 mm high) with a soft and clean design

### Features

- Comfortable LED lighting that can be personally controlled
- More energy-efficient than similar conventional solutions – operational cost savings
- Attractive, unobtrusive design

### Application

- Indoor general lighting

## SmartBalance Free Floor Standing

### Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress, so 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 use and the product warranty will become void

### Specifications

Type	FS484F
Light source	Philips Fortimo LED Line 1R
Power (+/-10%)	106 W (LED118S version for standalone lighting applications, 4000 K) 40 W (LED45S version for supporting lighting applications, 4000 K)
Beam angle	102°
Luminous flux	11,800 lm (LED118S, 4000 K) 4500 lm (LED45S, 4000 K)
Correlated Color Temperature	3000 or 4000 K
Color Rendering Index	≥ 80
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours

Driver failure rate	1% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	Dimmable via touch button
Options	Dimming of direct and indirect light separately (SW) Swiss power plug (CCH)
Material	Head and pole: lacquered aluminum Base: lacquered steel
Color	White (WH) comparable to RAL9003 Other colors available on request
Optic	Micro-lens optic, clear acrylate (ACC-MLO)
Connection	Cable, length 250 cm, with plug CEE7 (CCE)
Installation	Luminaire comes pre-wired with a mains plug

### Versions



SmartBalance FS484F free floor-standing luminaire with separate switching



# SmartBalance Free Floor Standing

## Product details



SmartBalance-FS484F\_GR-DP03.tif



SmartBalance-FS484F\_GR-DP04.tif



SmartBalance-FS484F\_GR-DP05.tif



SmartBalance-FS484F\_WH-DP06.tif



SmartBalance-FS484F\_WH-DP07.tif



SmartBalance-FS484F\_WH-DP08.tif



SmartBalance FS484F free floor-standing luminaire with ActiLume

# SmartBalance Free Floor Standing

## Product details



All versions are equipped with an acrylate micro-lens optic



The ActiLume luminaire-based sensor enables daylight regulation and dimming when no presence is detected



Luminaire base



Connection between luminaire head and pole



SmartBalance FS484F free floor-standing luminaire



Touch button for switching and dimming



LED modules for indirect light

## SmartBalance Free Floor Standing

### Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	1%

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP40

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Input Voltage	220-240 V
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### General Information

Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	MLO
Driver included	Yes
ENEC mark	ENEC plus mark
Flammability mark	F
Gear	-
Glow-wire test	650/30
Lamp family code	LED45S
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	No
Product Family Code	FS484F

### Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <3
Init. Colour Rendering Index	≥80
Initial luminous flux	4500 lm
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Colour	White
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### Application Conditions

Order Code	Full Product Name	Suitable for random switching
27374500	FS484F LED45S/840 PSD-T WH	No
27378300	FS484F LED45S/830 PSD-T WH	No
27379000	FS484F LED45S/830 PSD-T ACL WH	Yes

### General Information

Order Code	Full Product Name	Embedded control
27374500	FS484F LED45S/840 PSD-T WH	No
27378300	FS484F LED45S/830 PSD-T WH	No

Order Code	Full Product Name	Embedded control
27379000	FS484F LED45S/830 PSD-T ACL WH	ACL

### Initial Performance (IEC Compliant)

## SmartBalance Free Floor Standing

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27374500	FS484F LED45S/840 PSD-T WH	4000 K	134 lm/W	33.5 W
27378300	FS484F LED45S/830 PSD-T WH	3000 K	127 lm/W	35.4 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27379000	FS484F LED45S/830 PSD-T ACL WH	3000 K	124 lm/W	36.4 W

