



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

Specifications

SmartBalance Free Floor Standing

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	3000 or 4000 K
Temperature	
Color Rendering Index	≥ 80
Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	

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



Product details



SmartBalance FS484F free floor-standing luminaire



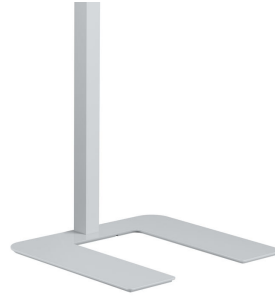
Touch button for switching and dimming

SmartBalance Free Floor Standing

Product details



LED modules for indirect light



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 Free Floor Standing

Product details



SmartBalance-FS484F_WH-DPO8.tif



All versions are equipped with an acrylate micro-lens optic



Luminaire base



Connection between luminaire head and pole



SmartBalance FS484F free floor-standing luminaire with ActiLume



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

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
----------	-----

Operating and Electrical

Input Voltage	220-240 V
---------------	-----------

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
--------	-------

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	-

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

