



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

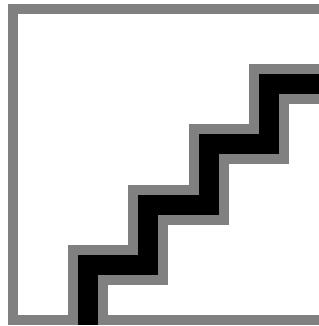
Type	FS484F
Light source	Philips Fortimo LED Line 1R
Power (+/-10%)	90 W (LED125S version for standalone lighting applications, 4,000 K) 63 W (LED86S version for standalone lighting applications, 4,000 K) 33.5 W (LED45S version for supporting lighting applications, 4,000 K)
Beam angle	102°
Luminous flux	12,500 lm (LED125S, 4,000 K) 8,600 lm (LED86S, 4,000 K) 4,500 lm (LED45S, 4,000 K)
Correlated Colour	3,000 or 4,000 K
Temperature	
Colour Rendering Index	≥ 80
Lumen maintenance at median useful life*	L85
50,000 h	
Control gear failure rate at median useful life	5%
50,000 h	

Performance Ambient	+25 °C
Temperature Tq	
Operating temperature range	+10 to +40 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	Dimmable via a touch button
Options	Dimming of direct and indirect light separately (SW) Swiss power plug (CCH)
Material	Head and pole: lacquered aluminium Base: lacquered steel
Colour	White (WH) comparable to RAL9003 Other colours 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

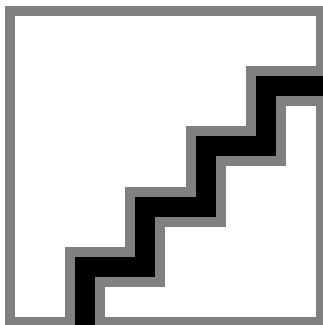
Versions



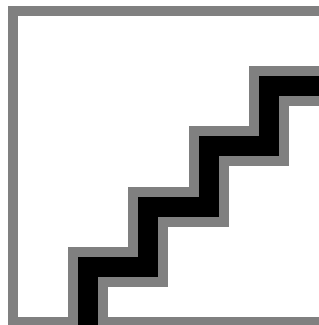
SmartBalance FS484F free floor-standing luminaire with separate switching



Product details



SmartBalance-FS484F_GR-DP03.tif



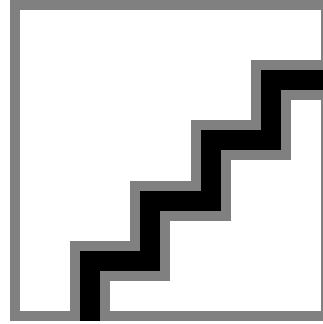
SmartBalance-FS484F_GR-DP04.tif

SmartBalance Free Floor Standing

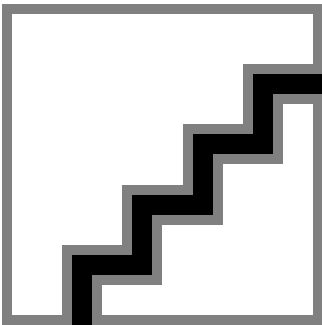
Product details



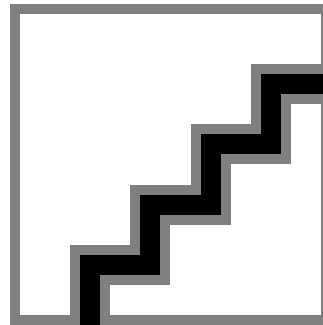
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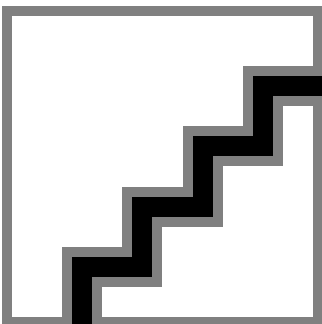
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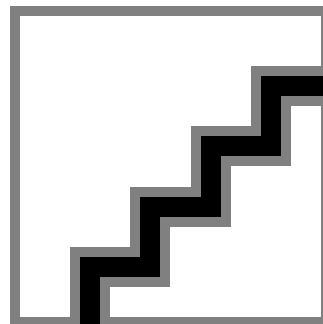
SmartBalance-FS484F_WH-DP07.tif



SmartBalance-FS484F_WH-DP08.tif



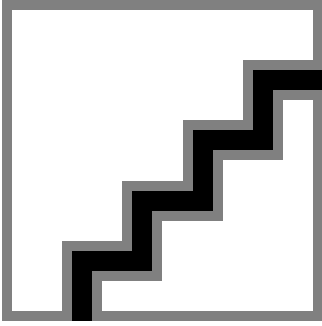
IPDP_FS484Fi_0003-Detail photo



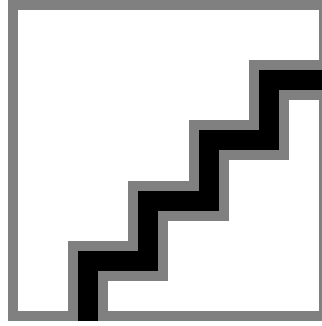
IPDP_FS484Fi_0015-Detail photo

SmartBalance Free Floor Standing

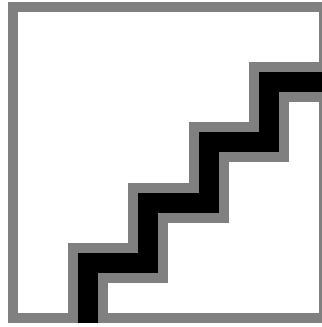
Product details



IPDP_FS484Fi_0017-Detail photo



IPDP_FS484Fi_0002-Detail photo



IPDP_FS484Fi_0014-Detail photo



IPDP_FS484Fi_0001-Detail photo



IPDP_FS484Fi_0009-Detail photo

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
Optical cover/lens type	MLO
Driver included	Yes
ENEC mark	ENEC plus mark
Flammability mark	F
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
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
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
10492500	FS484F LED125S/840 PSD-T SW WH	No
11080300	FS484F LED120S/830 PSD-T SW WH	No
27379000	FS484F LED45S/830 PSD-T ACL WH	Yes
10539700	FS484F LED125S/840 PSD-T ACL WH	Yes

General Information (1/2)

Order Code	Full Product Name	Lamp		Embedded control	Number of gear units	Order Code	Full Product Name	Lamp		Embedded control	Number of gear units
		Gear	family code					Gear	family code		
27374500	FS484F LED45S/840 PSD-T WH	-	LED45S	No	1 unit	11080300	FS484F LED120S/830 PSD-T SW WH	-	LED120S	No	2 units
27378300	FS484F LED45S/830 PSD-T WH	-	LED45S	No	1 unit	27379000	FS484F LED45S/830 PSD-T ACL WH	-	LED45S	ACL	1 unit
10492500	FS484F LED125S/840 PSD-T SW WH	-	LED125S	No	2 units	10539700	FS484F LED125S/840 PSD-T ACL WH	-	LED125S	ACL	2 units

General Information (2/2)

SmartBalance Free Floor Standing

Order Code	Full Product Name	UL mark
27374500	FS484F LED45S/840 PSD-T WH	-
27378300	FS484F LED45S/830 PSD-T WH	-
10492500	FS484F LED125S/840 PSD-T SW WH	-

Order Code	Full Product Name	UL mark
11080300	FS484F LED120S/830 PSD-T SW WH	No
27379000	FS484F LED45S/830 PSD-T ACL WH	-
10539700	FS484F LED125S/840 PSD-T ACL WH	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
27374500	FS484F LED45S/840 PSD-T WH	4000 K	134 lm/W	4500 lm	33.5 W
27378300	FS484F LED45S/830 PSD-T WH	3000 K	127 lm/W	4500 lm	35.4 W
10492500	FS484F LED125S/840 PSD-T SW WH	4000 K	139 lm/W	12500 lm	90 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
11080300	FS484F LED120S/830 PSD-T SW WH	3000 K	133 lm/W	12000 lm	90 W
27379000	FS484F LED45S/830 PSD-T ACL WH	3000 K	124 lm/W	4500 lm	36.4 W
10539700	FS484F LED125S/840 PSD-T ACL WH	4000 K	137 lm/W	12500 lm	91 W

