



# SmartBalance Free Floor Standing

## FS484F LED86S/840 PSR-T MLO ACL CCH WH

SmartBalance FFS - LED Module, system flux 8600 lm - 840 neutral white - Power supply unit regulating version with touch-switch & dimming interface (integrated) - Micro-lens optic - ActiLume - Cable 3.0 m with Swiss plug 3-pole - White

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.

### Product data

General Information			
Number of light sources	1 pc	Optic type	-
Lamp family code	LED86S [ LED Module, system flux 8600 lm]	Optical cover/lens type	Micro-lens optic
Light source color	840 neutral white	Luminaire light beam spread	114°
Cap-Base	- [ -]	Embedded control	ActiLume
Light source replaceable	No	Control interface	Analog
Number of gear units	2 units	Separate switching	-
Gear	-	Connection	Connection unit 3-pole
Driver/power unit/transformer	Power supply unit regulating version with touch-switch & dimming interface (integrated)	Cable	Cable 3.0 m with Swiss plug 3-pole
Driver included	Yes	Protection class IEC	Safety class I
		Glow-wire test	Temperature 650 °C, duration 30 s
		Flammability mark	For mounting on normally flammable surfaces

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CE mark	CE mark
ENEC mark	ENEC plus mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	10
RoHS mark	RoHS mark
Accessory PFC	N/A
Product family code	FS484F [ SmartBalance FFS]

## Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	1-10 V DC
Inrush current	50 A
Inrush time	2 ms
Power Factor (Min)	0.9

## Controls and Dimming

Dimmable	Yes
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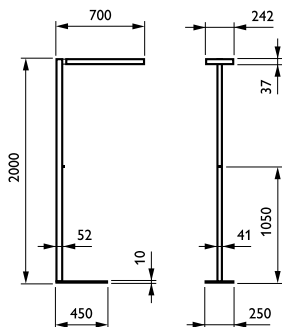
## Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover/lens material	Acrylate and polycarbonate
Gear tray material	Steel
Fixation material	-
Optical cover/lens finish	Opal
Overall length	700 mm
Overall width	250 mm
Overall height	2000 mm

## Approval and Application

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

## Dimensional drawing



SmartBalance FS484F

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	125 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticy	(0.43, 0.40) SDCM <3
Initial input power	69 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	80000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

## Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

## Product Data

Full product code	871794311095700
Order product name	FS484F LED86S/840 PSR-T MLO ACL CCH WH
EAN/UPC - Product	8717943110957
Order code	910504095403
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504095403
Net Weight (Piece)	16.900 kg



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