



SmartBalance Free Floor Standing

FS484F LED120S/930 PSD-T ACL CCH WH

SmartBalance FFS - 930 warm white - Power supply unit with DALI interface - Cable 3.0 m with europlug connector 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			
Beam angle of light source	- °	Protection class IEC	Safety class I
Light source color	930 warm white	Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No	Flammability mark	For mounting on normally flammable surfaces
Number of gear units	2 units	CE mark	CE mark
Driver/power unit/transformer	Power supply unit with DALI interface	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optic type	-	Constant light output	No
Luminaire light beam spread	102°	Number of products on MCB of 16 A type B	10
Control interface	DALI	EU RoHS compliant	Yes
Connection	Connection unit 3-pole	Service tag	Yes
Cable	Cable 3.0 m with europlug connector 3-pole	Product family code	FS484F [SmartBalance FFS]

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Unified glare rating CEN	13
Light Technical	
Saturated Red (R9)	>50
Operating and Electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	50 A
Inrush time	2 ms
Power Factor (Min)	0.9
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover/lens material	Acrylate and polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall length	700 mm
Overall width	250 mm
Overall height	2000 mm
Color	White
Dimensions (Height x Width x Depth)	2000 x 250 x 700 mm (78.7 x 9.8 x 27.6 in)
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	12000 lm

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	132 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥90
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	91 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

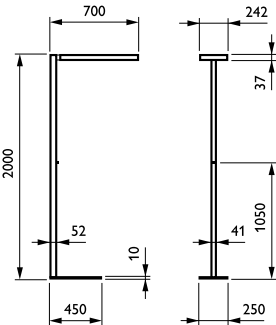
Application Conditions	
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data	
Full product code	871869996600300
Order product name	FS484F LED120S/930 PSD-T ACL CCH WH
EAN/UPC - Product	8718699966003
Order code	910505100412
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100412
Net Weight (Piece)	16.900 kg



Warnings and Safety

Dimensional drawing



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