



SmartBalance Free Floor Standing gen2

FS485F 125S/930 PSD-T BSWD REC WH

SmartBalance Free Floor Standing gen2, Rounded edge, Rectangular base, 97 W, 12500 lm, 3000 K, CRI>90, Button panel, UGR19, White

Customer love free floor-standing luminaires as the ideal solution for personally controlled, flexible and comfortable lighting. Philips SmartBalance gen2 takes free floor-standing luminaires to a whole new level with an even slimmer and smarter design, with more variants for greater flexibility. State-of-the-art lighting technology and connectivity options mean these free-standing LED luminaire are designed to increase energy efficiency. And to reduce lighting costs even further, one luminaire can be used to light two desks to the levels required for offices. Users have complete control over these stylish, free-standing luminaires via a Touch and Dim button on the pole. And thanks to a clean and compact design it blends into any interior. SmartBalance gen2 is also designed for recyclability, making this free floor-standing LED luminaire a true 'Green choice'.

Warnings and Safety

- The product is IPX0 and as such is not protected against water ingress. Therefore 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 failure and the product warranty will become void.

Product data

General Information		Driver included	Yes
Light source replaceable	No	Service tag	Yes
Number of gear units	2 units	Lighting Technology	LED

SmartBalance Free Floor Standing gen2

Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	12,500 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	930 warm white
Optic type	Symmetrical
Luminaire light beam spread	100°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	10 A
Inrush time	35.9 ms
Power Consumption	97 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cord with plug CEE 7 3-pole
Number of products on MCB of 16 A type B	18
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI touch-switch and dimming interface
Control interface	Button panel
Constant light output	No
DALI Standard	DALI-2™

Mechanical and Housing

Housing Material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	White
Optical cover finish	Opal
Overall length	700 mm
Overall width	250 mm
Overall height	2,000 mm
Dimensions (Height x Width x Depth)	2000 x 250 x 700 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	16.800 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.434, 0.404) SDCM3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at L85 median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at L75 median useful life* 100000 h	

Sustainability Data

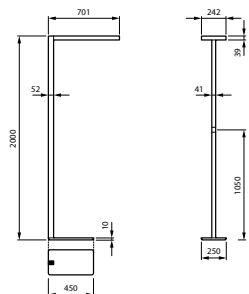
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.

Product Data

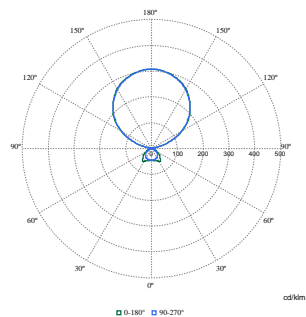
Order product name	FS485F 125S/930 PSD-T BSWD REC WH
Full product name	FS485F 125S/930 PSD-T BSWD REC WH
Full product code	872016958500300
Order code	910505102570
Material Nr. (12NC)	910505102570
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169585003
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169585003
Product family code	FS485F [SMARTBALANCE FFS GEN2 ROUNDED EDGES]

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Dimensional drawing



Photometric data



Polar Normal (separate) - FS485FI - 910505102570

