



Smart Balance FFS, SpaceWise

FS484F LED125S/840 PSD-T SWZ ACL WH

SmartBalance FFS, LED module, system flux 12500 lm, Power supply unit with DALI touch-switch and dimming interface, Micro-lens optic, SpaceWise enabled

With Philips SpaceWise, customers can enjoy the very real benefits of controls – e.g. energy savings, visual comfort and personal control – without having to create a wired infrastructure.

Product data

General Information			
Lamp family code	LED125S [LED module, system flux 12500 lm]	Embedded control	SpaceWise enabled
Cap-Base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	2 units	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC plus mark
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Glow-wire test	Temperature 650 °C, duration 30 s
Service tag	Yes	EU RoHS compliant	Yes
Product family code	FS484F [SmartBalance FFS]	Light Technical	
Lighting Technology	LED	Luminous Flux	12,500 lumen
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	137 lm/W
		Color rendering index (CRI)	≥80
		Number of light sources	1
		Light source color	840 neutral white

Smart Balance FFS, SpaceWise

Optic type	-
Optical cover type	Micro-lens optic
Luminaire light beam spread	114°
Unified glare rating CEN	13

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	50 A
Inrush time	2 ms
Power Consumption	91 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	Cable 3.0 m with europlug connector 3-pole
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	-
Optical cover material	Acrylate and polycarbonate
Fixation material	-
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

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
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

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Full product code	871794311084100
Order product name	FS484F LED125S/840 PSD-T SWZ ACL WH
Order code	910504095003
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504095003
Full product name	FS484F LED125S/840 PSD-T SWZ ACL WH
EAN/UPC - Case	8717943110841
EAN/UPC - Product/Case	8717943110841

Dimensional drawing



