



# 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]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	2 units
Driver included	Yes
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.
Service tag	Yes
Product family code	FS484F [SmartBalance FFS]
Lighting Technology	LED

Embedded control	SpaceWise enabled
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
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

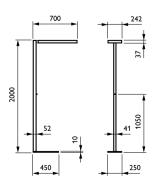
Datasheet, 2023, September 4 data subject to change

## **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	10
В	
Temperature	
Ambient temperature range	+10 to +40 °C
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	IKO2 [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	5 %	
life 50000 h		
Lumen maintenance at median useful	L85	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
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



### **Smart Balance FFS, SpaceWise**



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