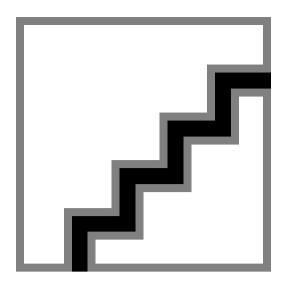
# **PHILIPS** Lighting



# SmartBalance Free Floor Standing

# FS484F LED45S/830 PSD-T ACL WH

SmartBalance FFS, LED Module, system flux 4500 lm, 830 warm white, Power supply unit with DALI touch-switch and dimming interface, Micro-lens optic, ActiLume, 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.

#### Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such 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 & product warranty will become void

#### **Product data**

General Information		Remarks	*-Per Lighting Europe guidance paper
Lamp family code	LED45S [LED Module, system flux 4500 lm]		"Evaluating performance of LED based
Cap-Base	- [-]		luminaires - January 2018": statistically there
Light source replaceable	No		is no relevant difference in lumen
Number of gear units	1 unit		maintenance between B50 and for example
Gear	-		B10. Therefore, the median useful life (B50)
Driver included	Yes		value also represents the B10 value.
		Service tag	Yes

## SmartBalance Free Floor Standing

Product family code	FS484F [SmartBalance FFS]
Lighting Technology	LED
Value ladder	Performance
Embedded control	ActiLume
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	4,500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Micro-lens optic
Luminaire light beam spread	114°
Unified glare rating CEN	16

#### **Operating and Electrical**

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	50 A
Inrush time	2 ms
Power Consumption	36.4 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

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

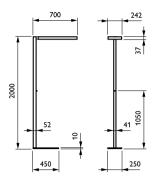
+10 to +40 °C

La contra de Mante esta l	
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%
nitial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	
life 50000 h	2 /0
Lumen maintenance at median useful	L85
ife* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
	1%
Vaximum dim level	
Maximum dim level Suitable for random switching	Yes
Suitable for random switching	
Suitable for random switching Product Data	Yes
Suitable for random switching Product Data Order product name	Yes FS484F LED45S/830 PSD-T ACL WH
Suitable for random switching Product Data Order product name Full product name	Yes FS484F LED45S/830 PSD-T ACL WH FS484F LED45S/830 PSD-T ACL WH
Suitable for random switching Product Data Order product name Full product name Full product code	Yes FS484F LED45S/830 PSD-T ACL WH
Suitable for random switching Product Data Order product name Full product name Full product code Order code	Yes FS484F LED45S/830 PSD-T ACL WH FS484F LED45S/830 PSD-T ACL WH
Suitable for random switching Product Data Order product name Full product name Full product code	Yes FS484F LED45S/830 PSD-T ACL WH FS484F LED45S/830 PSD-T ACL WH 871829127379000
Suitable for random switching Product Data Order product name Full product name Full product code Order code	Yes FS484F LED455/830 PSD-T ACL WH FS484F LED455/830 PSD-T ACL WH 871829127379000 910504090303
Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Yes FS484F LED45S/830 PSD-T ACL WH FS484F LED45S/830 PSD-T ACL WH 871829127379000 910504090303 910504090303
Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	Yes FS484F LED45S/830 PSD-T ACL WH FS484F LED45S/830 PSD-T ACL WH 871829127379000 910504090303 910504090303 1

#### Datasheet, 2023, September 4

## SmartBalance Free Floor Standing

#### Dimensional drawing





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