



# Smart Balance FFS, SpaceWise – multiple benefits, no exposed data cables

## Smart Balance FFS, SpaceWise

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.

### Benefits

- The easiest way to enjoy visual comfort and energy savings, without any exposed data cables
- Easy to commission via remote control
- Freedom and flexibility in working spaces with connected luminaires

### Features

- Luminaires have a wireless receiver, or are connected to a wireless receiver as a slave luminaire
- Using a remote control, luminaires can easily be connected in a network
- Additional networks can be defined; all luminaires belonging to a specific network behave in the same way
- All luminaires in the room/open-plan space can be linked in a network
- The wireless network can be connected to the Building Management System

### Application

- Office/connected lighting

### Specifications

## Smart Balance FFS, SpaceWise

<b>Type</b>	FS484F (SWZ version)
<b>Light source</b>	Philips Fortimo LED Line 1R
<b>Power</b>	100 W
<b>Beam angle</b>	102°
<b>Luminous flux</b>	12,500 lm
<b>Correlated Color</b>	4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 80
<b>Median useful life</b>	70,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	50,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	25,000 hours
<b>L90B50</b>	
<b>Driver failure rate</b>	1% per 5000 hours
<b>Average ambient temperature</b>	+25 °C

<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	230 or 240 V / 50-60 Hz
<b>Dimming</b>	Integrated
<b>Controls system input</b>	DALI
	Zigbee
	Decentral
<b>Material</b>	Head and pole: lacquered aluminum
	Base: lacquered steel
<b>Color</b>	White (WH) comparable to RAL9003
<b>Optic</b>	Micro-lens optic, clear acrylate (ACC-MLO)
<b>Connection</b>	Cable, length 250 cm, with plug CEE7 (CCE)
<b>Installation</b>	Luminaire comes pre-wired with a mains plug
<b>Remarks</b>	Can be ordered as a system

### Versions



SmartBalance SpaceWise FS484F  
free floor-standing luminaire with  
separate switching

### Product details



SmartBalance-  
FS484F\_ACL\_SWZ\_GR-DP01.tif



SmartBalance-  
FS484F\_ACL\_SWZ\_WH-DP02.tif

# Smart Balance FFS, SpaceWise

## Product details



IPDP\_FS484Fi\_0015-Detail photo



IPDP\_FS484Fi\_0017-Detail photo



## Application Conditions

Ambient temperature range	+10 to +40 °C
Maximum dim level	1%
Suitable for random switching	Yes

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP40

## Controls and Dimming

Dimmable	Yes
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## General Information

Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Micro-lens optic
Driver included	Yes
ENEC mark	ENEC plus mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Lamp family code	LED125S
Embedded control	SpaceWise enabled
Light source replaceable	No
Number of gear units	2 units
Number of light sources	1 pc
Optic type	-
Product Family Code	FS484F
Service tag	Yes

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <3
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial luminous flux	12500 lm
Luminous flux tolerance	+/-10%

## Mechanical and Housing

Color	White
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## Operating and Electrical

Order Code	Full Product Name	Input Voltage
910504095003	FS484F LED125S/840 PSD-T SWZ ACL WH	220 to 240 V
910504095103	FS484F LED125S/840 PSD-T SWZ CCH WH	220-240 V

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial input power
910504095003	FS484F LED125S/840 PSD-T SWZ ACL WH	137 lm/W	91 W
910504095103	FS484F LED125S/840 PSD-T SWZ CCH WH	139 lm/W	90 W

