



# **SlimBalance**

### SM550C LED25S 840 L120 PSD CD

- - Wide beam - Opal - 120°

SlimBalance is a full range of product family with sleek and elegant design helps to create attractive and differentiated space for customers. The family covers different length (600mm, 1200mm,1500mm), different end cap (round, square) and different light distribution (direct, indirect).;Its office compliant version delivers comfortable light with good quality.

### **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	
Beam angle of light source	- °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	-
Driver included	Yes
Optic type	Wide beam
Optic type Optical cover/lens type	Wide beam Opal
Optical cover/lens type	Opal
Optical cover/lens type  Luminaire light beam spread	Opal 120°
Optical cover/lens type  Luminaire light beam spread  Control interface	Opal 120° DALI
Optical cover/lens type  Luminaire light beam spread  Control interface  Connection	Opal 120° DALI Internal connector

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	24
EU RoHS compliant	Yes
Light source engine type	LED
Operating and electrical	
Input Voltage	220/240 V
Input Frequency	50 to 60 Hz
Inrush current	22 A

Datasheet, 2022, August 10 data subject to change

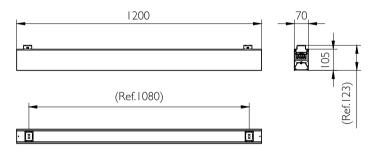
# **SlimBalance**

Inrush time	275 ms
Power Factor (Min)	0.95
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1200 mm
Overall width	70 mm
Overall height	105 mm
Color	Silver
Approval and application	
Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK03 [ 0.3 J]
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	2500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM< 3
Initial input power	25 W
Power consumption tolerance	+/-10%
Over time performance (IEC compliant)	
Median useful life L70B50	50000 h
Application conditions	
Ambient temperature range	-20 to +40 °C
Ambient temperature range  Maximum dim level	-20 to +40 °C 1%
Maximum dim level	
Maximum dim level  Product data	1%
Product data Full product code	1% 911401522441
Product data Full product code Order product name	1% 911401522441 SM550C LED25S 840 L120 PSD CD
Product data Full product code Order product name Order code	1% 911401522441 SM550C LED25S 840 L120 PSD CD 911401522441
Product data Full product code Order product name Order code Numerator - Quantity Per Pack	1% 911401522441 SM550C LED25S 840 L120 PSD CD 911401522441 1
Product data Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	1%  911401522441  SM550C LED25S 840 L120 PSD CD  911401522441  1



# Dimensional drawing



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