

SlimBalance

SM550C LED12S 840 L60 PSD CD

SlimBalance, 89.29 lm/W, 840 neutral white, DALI

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 IPX0 & 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,250 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	89.29 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	250 ms

SlimBalance

Power Consumption	14 W
Power Factor (Fraction)	0.95
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	33

Temperature

Ambient temperature range	-20 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	-
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Optical cover finish	Opal
Overall length	600 mm
Overall width	70 mm
Overall height	105 mm

Dimensions (Height x Width x Depth)	105 x 70 x 600 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM< 3
Power consumption tolerance	+/-10%

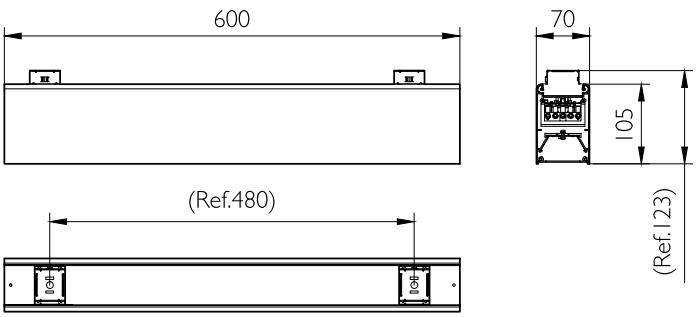
Application Conditions

Maximum dim level	1%

Product Data

Order product name	SM550C LED12S 840 L60 PSD CD
Full product name	SM550C LED12S 840 L60 PSD CD
Full product code	911401522541
Order code	911401522541
Material Nr. (12NC)	911401522541
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing





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2023, October 26 - data subject to change