SlimBalance

SM550C LED12S 840 L60 PSU CD

SlimBalance, 89.29 lm/W, 840 neutral white

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		Correlated Color Temperature (Nom)	4000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	89.29 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Beam angle of light source	– degree(s)
Light source engine type	LED	Light source color	840 neutral white
CE mark	CE mark	Optic type	Wide beam
Warranty period	3 years	Optical cover type	Opal
Flammability mark	–	Luminaire light beam spread	120°
ENEC mark	–		
Glow-wire test	Temperature 650 °C, duration 30 s	**Operating and Electrical**	
EU RoHS compliant	Yes	Input Voltage	220/240 V
		Line Frequency	50 to 60 Hz
Light Technical		Inrush current	14 A
Luminous Flux	1,250 lm	Inrush time	250 ms

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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	No
Driver/power unit/transformer	–
Control interface	–
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%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)

Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	SM550C LED12S 840 L60 PSU CD
Full product name	SM550C LED12S 840 L60 PSU CD
Full product code	911401520641
Order code	911401520641
Material Nr. (12NC)	911401520641
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2

Dimensional drawing

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www.lighting.philips.com