



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		Light source color	
Light source replaceable	No	Light source color	840 neutral white
Number of gear units	1 unit	Optic type	Wide beam
Driver included	Yes	Luminaire light beam spread	120°
Light source engine type	LED	Operating and Electrical	
Service tag	Yes	Input Voltage	220/240 V
Warranty period	3 years	Line Frequency	50 to 60 Hz
		Inrush current	14 A
		Inrush time	250 ms
		Power Consumption	14 W
		Power Factor (Fraction)	0.95
		Connection	Internal connector
		Cable	-
		Number of products on MCB of 16 A type B	33
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)		

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Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	-
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
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
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Opal
Net Weight (Piece)	2.299 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Ambient temperature range	-20 to +40 °C

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)
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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



