



SlimBalance

SP551P LED45S 840 L120 PSD SI CAU

SlimBalance, 125 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	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	125 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Beam angle of light source	- degree(s)
Glow-wire test	Temperature 650 °C, duration 30 s	Light source color	840 neutral white
Flammability mark	-	Optic type	Wide beam
CE mark	CE mark	Optical cover type	Linear-lens array in polycarbonate cover
ENEC mark	ENEC mark	Luminaire light beam spread	60°
Warranty period	3 years	Operating and Electrical	
EU RoHS compliant	Yes	Input Voltage	220/240 V
Light Technical		Line Frequency	50 to 60 Hz
Luminous Flux	4,500 lm	Inrush current	22 A
		Inrush time	275 ms

Power Consumption	36 W
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Silver
Optical cover finish	Opal
Overall length	1,230 mm
Overall width	70 mm
Overall height	105 mm
Dimensions (Height x Width x Depth)	105 x 70 x 1230 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 (uplight< 4)
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Application Conditions

Maximum dim level	1%
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Product Data

Order product name	SP551P LED45S 840 L120 PSD SI CAU
Full product name	SP551P LED45S 840 L120 PSD SI CAU
Full product code	911401532341
Order code	911401532341
Material Nr. (12NC)	911401532341
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



