



SlimBalance

SP551P LED45S 840 L120 PSD SI GM SQ

- - Wide beam - Linear-lens array in polycarbonate cover - 60°

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 and 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 and product warranty will become void

Product data

General information		Protection class IEC	
Beam angle of light source	- °	Protection class IEC	Safety class I (I)
Lamp colour code	840 neutral white	Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Light source replaceable	No	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	No [-]	ENEC mark	-
Driver included	Yes	Warranty period	3 years
Optic type	WB [Wide beam]	Constant light output	No
Optical cover/lens type	LIN-PC [Linear-lens array in polycarbonate cover]	Number of products on MCB (16 A type B)	24
Luminaire light beam spread	60°	EU RoHS compliant	Yes
Control interface	DALI	Light source engine type	LED
Connection	Flying leads/wires	Operating and electrical	
Cable	-	Input Voltage	220/240 V
		Input frequency	50 to 60 Hz

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Inrush current	22 A
Inrush time	275 ms
Power factor (min.)	0.95

Controls and dimming

Dimmable	Yes
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Mechanical and housing

Housing material	Metal
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1230 mm
Overall width	70 mm
Overall height	105 mm
Colour	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)	4500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	125 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM< 3 (uplight< 4)
Initial input power	36 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Median useful life L70B50	50000 h
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Application conditions

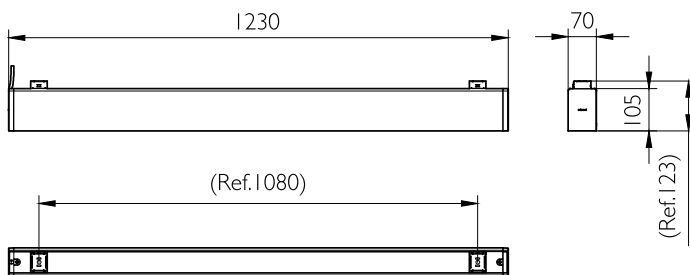
Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%

Product data

Full product code	911401530841
Order product name	SP551P LED45S 840 L120 PSD SI GM SQ
Order code	911401530841
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401530841
Net Weight (Piece)	3.449 kg



Dimensional drawing



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