



SmartBalance Suspended, SpaceWise

SP480P LED35S/840 PSD ACC-MLO SWZ SM1

SmartBalance Suspended Mounted, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Acrylate micro-lens optic clear, SpaceWise enabled

With Philips SpaceWise, customers can enjoy the very real benefits of controls – e.g. energy savings, visual comfort and personal control – without having to create a wired infrastructure.

Product data

General Information			
Lamp family code	LED35S [LED Module, system flux 3500 lm]	Service tag	Yes
Cap-Base	- [-]	Product family code	SP480P [SmartBalance Suspended Mounted]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Gear	-	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	ENEC mark	ENEC plus mark
		Warranty period	5 years
		EU RoHS compliant	Yes
		Embedded control	SpaceWise enabled
		Light Technical	
		Luminous Flux	3,500 lm
		Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	111 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	~ degree(s)
Light source color	840 neutral white
Optic type	-
Optical cover type	Acrylate micro-lens optic clear
Luminaire light beam spread	100°
Unified glare rating CEN	16

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	48 A
Inrush time	0.180 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	Cable 1.7 m without plug 5-pole white
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover material	Acrylate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Textured
Overall length	1,340 mm

Overall width	240 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 240 x 1340 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
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)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	SP480P LED35S/840 PSD ACC-MLO SWZ SM1
Full product name	SP480P LED35S/840 PSD ACC-MLO SWZ SM1
Full product code	871869687576600
Order code	910504101203
Material Nr. (12NC)	910504101203
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696875766
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696875766

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Dimensional drawing

