



SmartBalance Suspended, SpaceWise

SP480P LED35S/840 PSD ACC-MLO SWZ SM2

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]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	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.

Service tag	Yes
Product family code	SP480P [SmartBalance Suspended Mounted]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Warranty period	5 years
EU RoHS compliant	Yes
Embedded control	SpaceWise enabled
Light Technical	
Luminous Flux	3,500 lm

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Correlated Color Temperature (Nom)	4000 K
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	20

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Temperature

Ambient temperature range	+10 to +40 °C

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	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%
	5.00
Control gear failure rate at median useful life 50000 h	15%
-	L 5 %
life 50000 h Lumen maintenance at median useful	
life 50000 h Lumen maintenance at median useful life* 50000 h	
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions	L85
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	L85 25 ℃
life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L85 25 °C 1%
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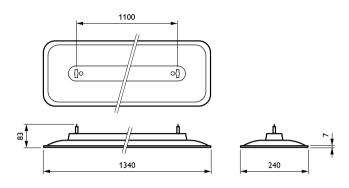
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Numerator - Packs per outer box

EAN/UPC - Case

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Dimensional drawing





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