PHILIPS Lighting



SmartBalance, suspended

SP480P LED35S/830 PSD ACC-MLO SM2

SmartBalance Suspended Mounted, LED Module, system flux 3500 lm, 830 warm white, Power supply unit with DALI interface, Acrylate micro-lens optic clear

Although in many cases the functional lighting performance is key, customers are also keen to apply luminaires that are attractive and/or unobtrusive. Especially in applications where luminaires need to be surface-mounted or suspended, it can be difficult to satisfy both these requirements. SmartBalance is clearly the next step in surface-mounted and suspended luminaires for the specification market. It not only offers increased energy efficiency, but is also visually appealing without being intrusive. And its design helps to minimize clutter on the ceiling and meets all relevant office norms. SmartBalance is also available in recessed and free floor-standing versions.

Warnings and Safety

- The product is IPXO & 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		
Lamp family code	ly 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

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	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
Compiler to a	value also represents the B10 value.
Service tag	Yes
Product family code	SP480P [SmartBalance Suspended
	Mounted]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
	2.500 lm
Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	280
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	-
Optical cover type	Acrylate micro-lens optic clear
Luminaire light beam spread	100°
Unified glare rating CEN	19
On such the stand Elis statistical	
Operating and Electrical	220 +- 240 1/
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	48 A
Inrush time	0.180 ms
Power Consumption	32 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type	20
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Anisient temperature fallge	
Controls and Dimming	
Dimmable	Yes

Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	1,340 mm
Overall width	240 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful	5 %
life 50000 h	

Lumen maintenance at median useful life* L85 50000 h

Application Condition

Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	No

Product Data Order product name SP480P LED35S/830 PSD ACC-MLO SM2 Full product name SP480P LED35S/830 PSD ACC-MLO SM2 Full product code 871829127358500 Order code 27358500 910504085203 Material Nr. (12NC) Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291273585 Numerator - Packs per outer box 1 EAN/UPC - Case 8718291273585

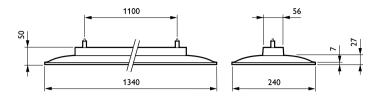
Diminante

Driver/power unit/transformer

Power supply unit with DALI interface

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Dimensional drawing





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