



SmartBalance Suspended, SpaceWise

SP482P LED40S/840 PSD ACC-MLO SWZ SM1

SmartBalance Suspended Mounted, LED module, system flux 4000 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		Service tag	Yes
Lamp family code	LED40S [LED module, system flux 4000 lm]	Product family code	SP482P [SmartBalance Suspended Mounted]
Cap-Base	- [-]	Lighting Technology	LED
Light source replaceable	No	Glow-wire test	Temperature 650 °C, duration 5 s
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Gear	-	CE mark	Yes
Driver included	Yes	ENEC mark	ENEC plus mark
Remarks	*-Per Lighting Europe guidance paper	Warranty period	5 years
	"Evaluating performance of LED based	EU RoHS compliant	Yes
	luminaires - January 2018": statistically there	Embedded control	SpaceWise enabled
	is no relevant difference in lumen		
	maintenance between B50 and for example	Light Technical	
	B10. Therefore, the median useful life (B50)	Luminous Flux	4,100 lm
	value also represents the B10 value.	Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
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	34.5 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
В	

Temperature

Ambient temperature range

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

+10 to +40 °C

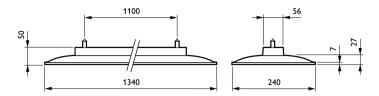
Mechanical and Housing

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 Compl Control gear failure rate at median useful	
life 50000 h	
Lumen maintenance at median useful	L85
	L85
Lumen maintenance at median useful	L85
Lumen maintenance at median useful life* 50000 h	L85 25 °C
Lumen maintenance at median useful life* 50000 h Application Conditions	
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq	25 ℃
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 °C 1%
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Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching	25 °C 1%
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Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code	25 °C 1% Yes SP482P LED40S/840 PSD ACC-MLO SWZ SM1 SP482P LED40S/840 PSD ACC-MLO SWZ SM1 871869687577300 910504101303
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C 1% Yes SP482P LED40S/840 PSD ACC-MLO SWZ SM1 SP482P LED40S/840 PSD ACC-MLO SWZ SM1 871869687577300 910504101303 910504101303
Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq Maximum dim level Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C 1% Yes SP482P LED40S/840 PSD ACC-MLO SWZ SM1 SP482P LED40S/840 PSD ACC-MLO SWZ SM1 871869687577300 910504101303 910504101303 1

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Dimensional drawing





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