SmartBalance, suspended

SP482P LED40S/840 PSD ACC-MLO SM2

SmartBalance Suspended Mounted - LED Module, system flux 4000 lm - 840 neutral white - Power supply unit with DALI interface - Acrylate micro-lens optic clear - Suspension set 2-wire

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 minimise clutter on the ceiling and meets all relevant office norms.

Product data

General Information

Number of light sources	1 [1 pc]		Optic type	No [-]
Lamp family code	LED40S [LED Module, system flux 4000 lm]		Optical cover/lens type	ACC-MLO [Acrylate micro-lens optic clear]
Beam angle of light source	- °		Luminaire light beam spread	100°
Light source colour	840 neutral white		Emergency lighting	No [-]
Cap base	- [-]		Embedded control	No [-]
Light source replaceable	No		Control interface	DALI
Number of gear units	1 unit		Connection	PI [Push-in connector 3-pole]
Gear	-		Cable	Cable 1.7 m without plug 5-pole white
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]		Protection class IEC	Safety class I (I)
Driver included	Yes		Mounting	SM2 [Suspension set 2-wire]
			Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]

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Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	No
Warranty period	5 years
Constant light output	No
Number of products on MCB	20
RoHS mark	RoHS mark
Accessory PFC	N/A
Product Family Code	SP482P [SmartBalance Suspended Mounted]

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	48 A
Inrush time	0.180 ms
Power factor (min.)	0,9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Geometry	W24L134 [Width 0.24 m, length 1.34 m]
Housing material	Polycarbonate
Reflector material	-
Optic material	-
Optical cover/lens material	Acrylate
Gear tray material	Steel
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1340 mm
Overall width	240 mm
Overall height	50 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]

Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	114 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

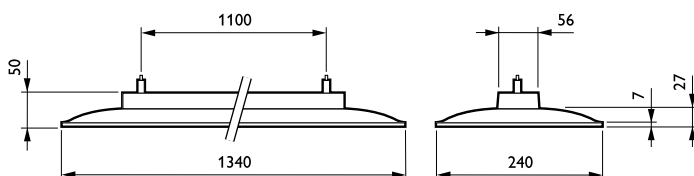|	
Driver failure rate at 5,000 hours	1 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Maximum dimming level	1%
Suitable for random switching	No

Product Data

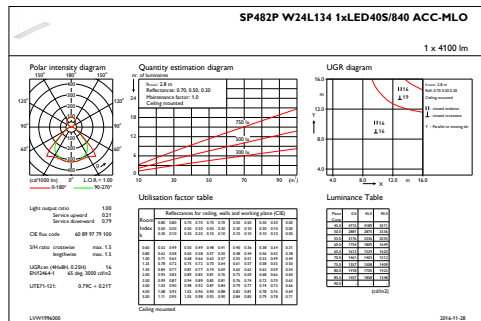|	
Full product code	871829126758400
Order product name	SP482P LED40S/840 PSD ACC-MLO SM2
EAN/UPC – product	8718291267584
Order code	26758400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910504083803
Net weight (piece)	4.500 kg

CE 🔻 650°C IP 40 IK 02 ⏚

Dimensional drawing
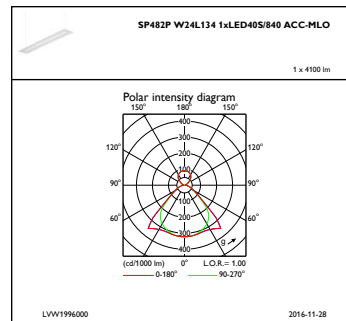

SmartBalance SP480P/SP482P

SmartBalance, suspended

Photometric data

IFGU1_SP482PW24L1341xLED40S840ACC-MLO

IFPC1_SP482PW24L1341xLED40S840ACC-MLO

www.lighting.philips.com

2017, May 22 - data subject to change