

SmartBalance, suspended

SP482P LED40S/940 PSD ACC-MLO SM2 WH

SmartBalance Suspended Mounted - LED Module, system flux 4000 lm - 940 neutral 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.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED40S [LED Module, system flux 4000 lm]
Beam angle of light source	- °
Light source color	940 neutral white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver/power unit/transformer	Power supply unit with DALI interface

Driver included	Yes
Optic type	-
Optical cover/lens type	Acrylate micro-lens optic clear
Luminaire light beam spread	100°
Control interface	DALI
Connection	Push-in connector 3-pole
Cable	Cable 1.7 m without plug 5-pole white
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces

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CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Warranty period	5 years
Glare shielding accessories	-
Constant light output	No
Number of products on MCB of 16 A type B	20
EU RoHS compliant	Yes
Service tag	Yes
Product family code	SP482P [SmartBalance Suspended Mounted]
Unified glare rating CEN	16

Light Technical

Saturated Red (R9)	>50

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	48 A
Inrush time	0.180 ms
Power Factor (Min)	0,9

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

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
Length	1410 mm
Color	White
Dimensions (Height x Width x Depth)	50 x 240 x 1340 mm (2 x 9.4 x 52.8 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	121 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>90
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	33 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

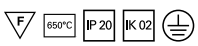
Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

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

Product Data

Full product code	871869996490000
Order product name	SP482P LED40S/940 PSD ACC-MLO SM2 WH
EAN/UPC - Product	8718699964900
Order code	910505100284
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100284
Net Weight (Piece)	4.500 kg



Warnings and Safety

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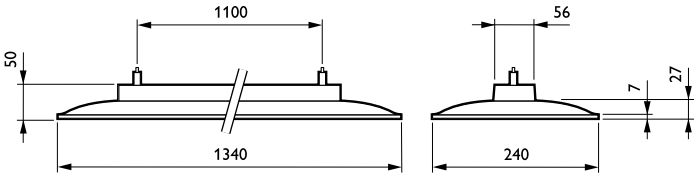
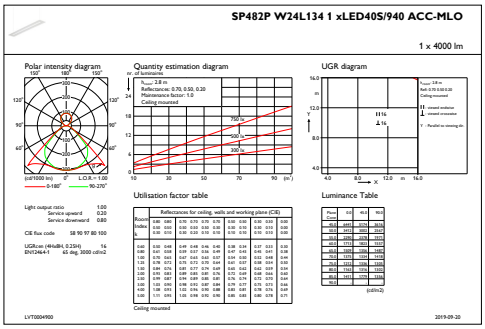
Dimensional drawing



SmartBalance SP480P/SP482P

Photometric data



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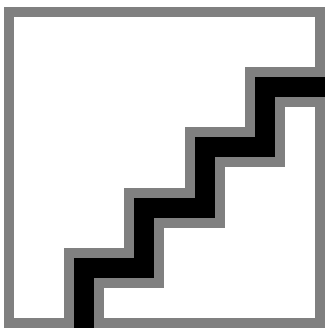

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