

SmartBalance, suspended

SP482P LED40S/930 PSD ACC-MLO SM2

SmartBalance Suspended Mounted - 930 warm white - Power supply unit with DALI interface

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	
Beam angle of light source	- °
Light source color	930 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	-
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
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	20
EU RoHS compliant	Yes
Service tag	Yes

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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
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	1340 mm
Overall width	240 mm
Overall height	50 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	116 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>90
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	34.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

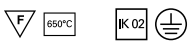
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

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

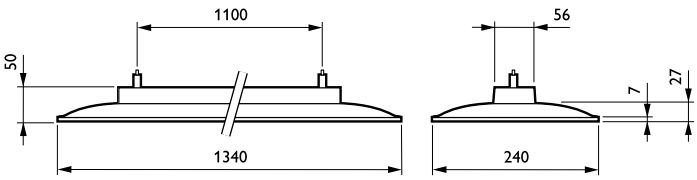
Product Data

Full product code	871869996630000
Order product name	SP482P LED40S/930 PSD ACC-MLO SM2
EAN/UPC - Product	8718699966300
Order code	910505100442
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100442
Net Weight (Piece)	4.650 kg



Warnings and Safety

Dimensional drawing



SmartBalance SP480P/SP482P

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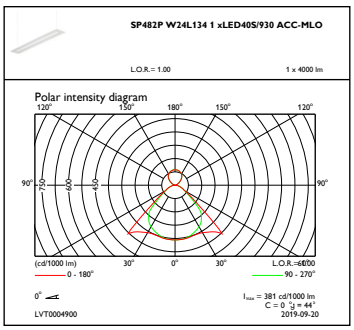
Photometric data



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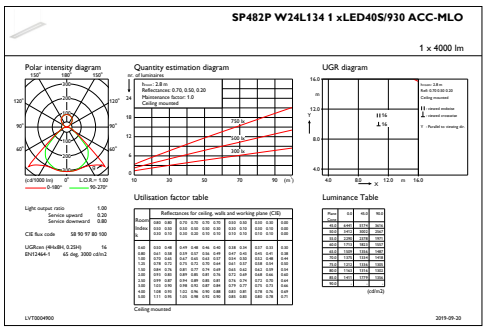

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