



SmartBalance, suspended

SP482P LED40S/830 PSD ACC-MLO SM2

SmartBalance Suspended Mounted - LED Module, system flux 4000 lm - 830 warm 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 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	830 warm 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	
Driver included	Yes
Optic type	
Optic type	-
Optical cover/lens type	
Optical cover/lens type	Acrylate micro-lens optic clear
Luminaire light beam spread	
Luminaire light beam spread	100°
Emergency lighting	
Emergency lighting	-
Embedded control	
Embedded control	-
Control interface	
Control interface	DALI
Connection	
Connection	Push-in connector 3-pole
Cable	
Cable	Cable 1.7 m without plug 5-pole white
Protection class IEC	
Protection class IEC	Safety class I

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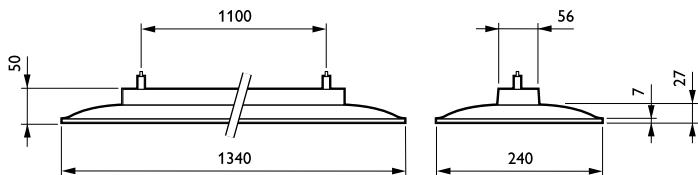
Mounting	Suspension set 2-wire
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	20
RoHS mark	RoHS mark
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	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 (system flux)	4100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	109 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM <3
Initial input power	37.5 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	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 dim level	1%
Suitable for random switching	No
Product Data	
Full product code	871829127362200
Order product name	SP482P LED40S/830 PSD ACC-MLO SM2
EAN/UPC - Product	8718291273622
Order code	910504085603
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504085603
Net Weight (Piece)	4.650 kg



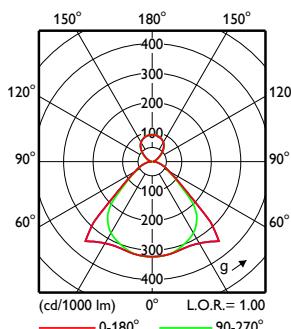
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Dimensional drawing

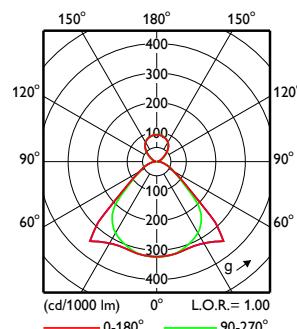


SmartBalance SP480P/SP482P

Photometric data



IFGU1_SP482PW24L1341xLED40S830ACC-MLO



IFPC1_SP482PW24L1341xLED40S830ACC-MLO

