



SmartForm LED BPS460

BPS460 LED24/840 PSD W16L124 MLO-PC SMT2

SmartForm suspended BPS460 - LED Module 2400 lm - 840 neutral white - Power supply unit with DALI interface - Width 0.16 m, length 1.24 m - Micro-lens optic in polycarbonate cover - Suspension set twin, triangle version 2

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm family of suspended luminaires combines best-in-class lighting with a clean, distinctive design. These ultra-flat luminaires are available with a choice of MASTER TL5, TL5 ECO or LED light sources in rectangular and square versions with direct/indirect lighting combinations. They can also be used to form light-lines and structures. With its wide choice of very efficient and comfortable micro-optics and covers, SmartForm suspended provides the ideal solution for every situation. Lighting controls can be added for further energy saving.

Product data

General Information			
Number of light sources	1 pc	Optical cover/lens type	Micro-lens optic in polycarbonate cover
Lamp family code	LED24 [LED Module 2400 lm]	Luminaire light beam spread	120°
Beam angle of light source	- °	Emergency lighting	-
Light source color	840 neutral white	Embedded control	-
Light source replaceable	No	Control interface	DALI
Number of gear units	1 unit	Internal wiring	Standard
Driver/power unit/transformer	Power supply unit with DALI interface	Electrical circuit protection	-
Driver included	Yes	Connection	Connection unit 5-pole
Top reflector	-	Cable	-
Optic type	-	Protection class IEC	Safety class I
		Mounting	Suspension set twin, triangle version 2

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Parts color	-
Standard RAL color	Traffic white
Glow-wire test	Temperature 850 °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
RoHS mark	RoHS mark
Product family code	BPS460 [SmartForm suspended BPS460]

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	1 ms
Power Factor (Min)	0.95

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Geometry	Width 0.16 m, length 1.24 m
Housing configuration	Basic version
Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Textured
Overall length	1240 mm
Overall width	157 mm
Overall height	56 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
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Mech. impact protection code	IK07 [2 J reinforced]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1750 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	81 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	21.5 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

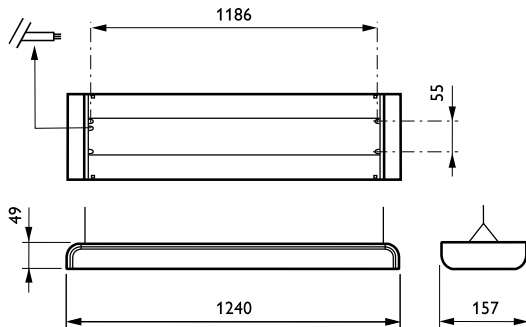
Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871794391558300
Order product name	BPS460 LED24/840 PSD W16L124 MLO-PC SMT2
EAN/UPC - Product	8717943915583
Order code	910504078403
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504078403
Net Weight (Piece)	4.500 kg

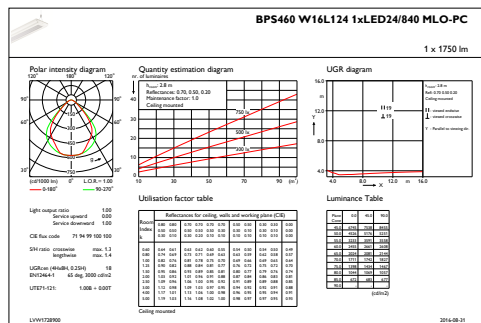
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Dimensional drawing

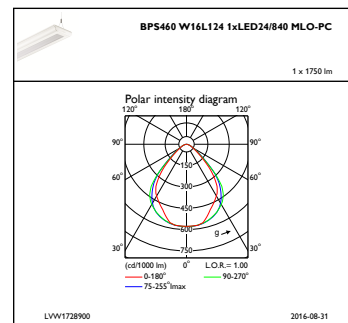


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Photometric data



IFGU1_BPS460W16L1241xLED24840MLO-PC



IFPC1_BPS460W16L1241xLED24840MLO-PC

