SmartForm LED BCS460

BCS460 LED24/840 PSD W22L124 MLO-PC EL3

SmartForm surface mnt BCS460 - LED Module 2400 lm - 840 neutral white - Power supply unit with DALI interface - Width 0.22 m, length 1.24 m - Micro-lens optic in polycarbonate cover - Emergency lighting 3 hours duration

We all feel and perform better in a pleasant, comfortable working environment. Designed for use in offices, shops and schools, the SmartForm family of surface-mounted 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. 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 surface-mounted 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 [1 pc]
Lamp family code	LED24 [LED Module 2400 lm]
Light source colour	840 neutral white
Cap base	- [-]
Light source replaceable	No
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Top reflector	No [-]

Optical cover/lens type	MLO-PC [Micro-lens optic in polycarbonate cover]
Luminaire light beam spread	120°
Emergency lighting	EL3 [Emergency lighting 3 hours duration]
Embedded control	No [-]
Control interface	DALI
Internal wiring	Standard
Electrical circuit protection	-
Connection	Connection unit 5-pole

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Cable	–
Protection class IEC	Safety class I
Parts colour	–
Glow–wire test	Temperature 850 °C, duration 5 s
CE mark	CE mark
ENEC mark	ENEC mark
Remarks	*–Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Product Family Code	BCS460 [SmartForm surface mnt BCS460]

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Control signal voltage	0–16 V DC DALI

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Geometry	Width 0.22 m, length 1.24 m
Housing material	Steel
Optical cover/lens material	Polycarbonate
Colour	White
Dimensions (height x width x depth)	NaN x NaN x NaN mm (NaN x NaN x NaN in)

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK07 [2 J reinforced]

Initial Performance (IEC Compliant)

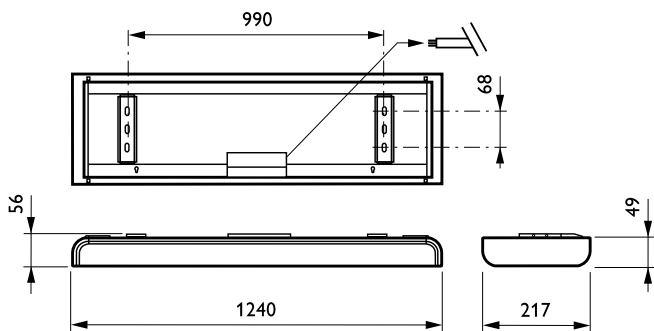|	
Initial luminous flux	2000 lm
Initial LED luminaire efficacy	82 lm/W
Init. Corr. colour temperature	4000 K
Initial chromaticity	(0.38, 0.38) SDCM <3.5
Initial input power	24.5 W

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

Product Data

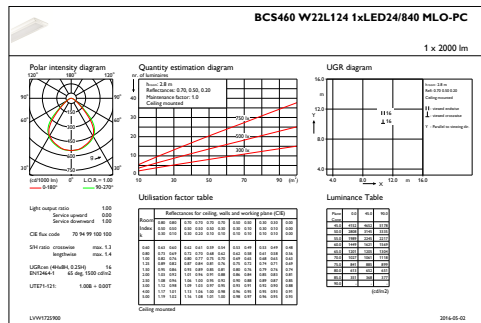|	
Full product code	501635660093600
Order product name	BCS460 LED24/840 PSD W22L124 MLO–PC EL3
EAN/UPC – product	5016356600936
Order code	60093600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	919913996747
Net weight (piece)	6.500 kg

850°C   IP 40

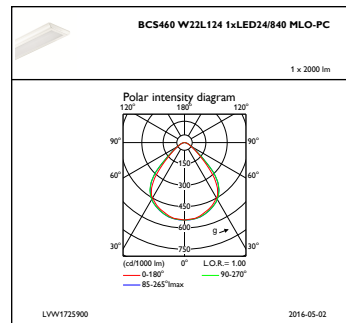## Dimensional drawing

GB1–SmartForm surface BCS460

SmartForm LED BCS460

Photometric data

IFGU1_BCS460W22L1241xLED24840MLO-PC

IFPC1_BCS460W22L1241xLED24840MLO-PC