



# SmartForm LED BCS460

## BCS460 LED48/840 PSD W22L124 MLO-PC ACL

SmartForm surface mnt BCS460, LED Module 4800 lm, 840 neutral white, Power supply unit with DALI interface, Micro-lens optic in polycarbonate cover, ActiLume

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		Lighting Technology	
Lamp family code	LED48 [LED Module 4800 lm]	Embedded control	ActiLume
Light source replaceable	No	CE mark	Yes
Driver included	Yes	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.	Glow-wire test	Temperature 850 °C, duration 5 s
Product family code	BCS460 [SmartForm surface mnt BCS460]	Light Technical	
		Luminous Flux	3,500 lm
		Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	91 lm/W
		Color rendering index (CRI)	≥80

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Number of light sources	1
Light source color	840 neutral white
Optical cover type	Micro-lens optic in polycarbonate cover
Luminaire light beam spread	120°
Unified glare rating CEN	Not applicable

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	38.5 W
Cable	-

### Temperature

Ambient temperature range	+10 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

### Mechanical and Housing

Housing Material	Steel
Optical cover material	Polycarbonate
Housing Color	White
Parts color	-

### Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3.5
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### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Order product name	BCS460 LED48/840 PSD W22L124 MLO-PC ACL
Full product name	BCS460 LED48/840 PSD W22L124 MLO-PC ACL
Full product code	871794391917800
Order code	910501982103
Material Nr. (12NC)	910501982103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943919178
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943919178

## Dimensional drawing

