



# 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	
Lamp family code	LED48 [LED Module 4800 lm]
Light source replaceable	No
Driver included	Yes
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.
Product family code	BCS460 [SmartForm surface mnt BCS460]

Lighting Technology	LED
Embedded control	ActiLume
CE mark	Yes
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
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

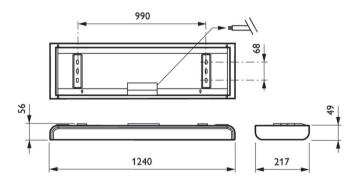
Datasheet, 2023, September 4 data subject to change

# **SmartForm LED BCS460**

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
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	
<b>Application Conditions</b>		
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





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