



Celino LED BCS680 C

BCS680 C LED48/840 PSU W17L120 MLO-PC

LED Module 4800 lm, 840 neutral white, Power supply unit (On/Off), Micro-lens optic in polycarbonate cover

Celino is a complete luminaire range that reflects the market trend towards miniaturization and architectural integration, while delivering a significant advance in optical performance. Celino features Philips' aluminum micro optic with 3D lamellae, which ensures optimum visual comfort and efficiency in compliance with the latest office-lighting norm (EN 12464-1). Made of natural anodized aluminum, the housing of Celino is a mere 71 mm wide and has die-cast-aluminum end caps. The design allows multiple luminaires to be connected in a line arrangement. Celino is available as a full range – suspended, surface-mounted, free-standing and wall-mounted, with a choice of TL5, TL5 Eco or LED light sources – for maximum freedom in application.

Product data

General Information		Light Technical	
Lamp family code	LED48 [LED Module 4800 lm]	Luminous Flux	1,800 lm
Light source replaceable	No	Correlated Color Temperature (Nom)	4000 K
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	67 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Glow-wire test	Temperature 650 °C, duration 30 s	Beam angle of light source	120 degree(s)
Flammability mark	-	Light source color	840 neutral white
CE mark	-	Optic type	Wide beam
ENEC mark	-	Optical cover type	Micro-lens optic in polycarbonate cover
Warranty period	3 years	Luminaire light beam spread	110° x 110°
EU RoHS compliant	No		
		Operating and Electrical	
		Input Voltage	220-240 V

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Line Frequency	50 to 60 Hz
Initial CLO power consumption	52 W
Average CLO power consumption	52 W
Inrush current	22 A
Inrush time	0.25 ms
Power Consumption	52 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	-
Number of products on MCB of 16 A type B 24	

Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	Yes

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Silver
Optical cover finish	Opal
Overall length	1,120 mm
Overall width	71 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 71 x 1120 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	(0.38, 0.38) SDCM <4
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	45,000 hour(s)
Median useful life L90B50	20,000 hour(s)

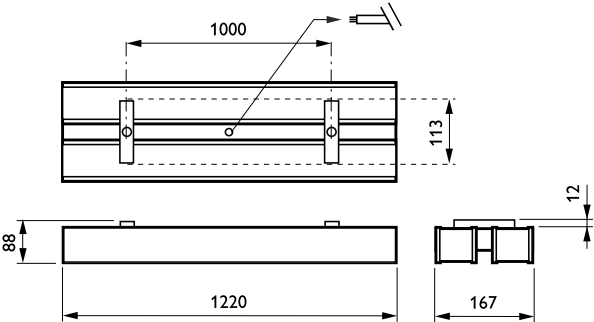
Application Conditions

Suitable for random switching	No
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Product Data

Order product name	BCS680 C LED48/840 PSU W17L120 MLO-PC
Full product name	BCS680 C LED48/840 PSU W17L120 MLO-PC
Full product code	911401539401
Order code	911401539401
Material Nr. (12NC)	911401539401
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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