Celino LED BPS680 C

BPS680 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, recessed and wall-mounted, with a choice of TL5, TL5 Eco or LED light sources – for maximum freedom in application.

Product data

General Information

Lamp family code	LED48 [LED Module 4800 lm]
Light source replaceable	No
Number of gear units	2 units
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.
Glow-wire test	Temperature 600 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	-
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical

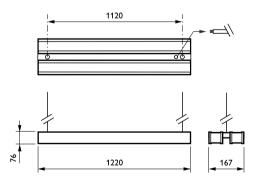|	
Luminous Flux	3,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	55 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)

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Light source color	840 neutral white
Optic type	–
Optical cover type	Micro-lens optic in polycarbonate cover
Luminaire light beam spread	84° x 88°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	20 A
Inrush time	0.25 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Aluminum

Optical cover finish	Clear
Overall length	1,220 mm
Overall width	167 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 167 x 1220 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	+/-8%
Initial chromaticity	(0.37, 0.37) SDCM <3
Power consumption tolerance	+/-10%

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	BPS680 C LED48/840 PSU W17L120 MLO-PC
Full product name	BPS680 C LED48/840 PSU W17L120 MLO-PC
Full product code	911401540801
Order code	911401540801
Material Nr. (12NC)	911401540801
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

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www.lighting.philips.com

2023, September 4 – data subject to change