Celino LED BCS680 C

BCS680 C LED24/840 PSD W7L120 LIN-PC

Celino LED BCS680 C, 83 lm/W, 840 neutral white, DALI

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

Lamp family code	LED24 [LED Module 2400 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Glow-wire test	Temperature 650 ℃, duration 30 s
Flammability mark	–
CE mark	–
ENEC mark	–
Warranty period	3 years
EU RoHS compliant	No

Light Technical

Luminous Flux	2,300 lm
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	83 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Linear-lens array in polycarbonate cover
Luminaire light beam spread	110° x 110°

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9

Celino LED BCS680 C

Connection	External connector
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	–20 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

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 %

Product Data

Order product name	BCS680 C LED24/840 PSD W7L120 LIN-PC
Full product name	BCS680 C LED24/840 PSD W7L120 LIN-PC
Full product code	911401538701
Order code	911401538701
Material Nr. (12NC)	911401538701
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

Celino LED BCS680 C

www.lighting.philips.com

2023, September 4 – data subject to change