



Celino LED BPS680 C

BPS680 C LED24/840 PSD W7L120 O-PC

LED Module 2400 lm, 840 neutral white, Power supply unit with DALI interface, Opal diffuser 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	LED24 [LED Module 2400 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
CE mark	-
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No

Light Technical	
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	71 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	Opal diffuser in polycarbonate cover
Luminaire light beam spread	110° x 110°
Operating and Electrical	
Input Voltage	220-240 V

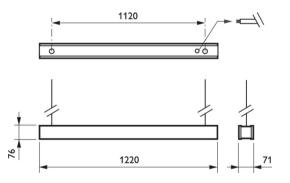
Datasheet, 2023, April 29 data subject to change

Celino LED BPS680 C

Line Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.275 ms Power Consumption 30 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 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 Optic material Polycarbonate Optical cover material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall length x Width x Depth) 76 x 71 x 1120 mm Dimensions (Height x Width x Depth) 76 x 71 x 1120 mm		
Power Consumption 30 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 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 Optic material Aluminum Optic material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 1	Line Frequency	50 to 60 Hz
Power Consumption 30 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 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 Optic material Aluminum Optic material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Inrush current	22 A
Power Factor (Fraction) Connection External connector Cable - Number of products on MCB of 16 A type B Zet Temperature Ambient temperature range -20 to +40 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Control interface Control interface Constant light output Mechanical and Housing Housing Material Aluminum Optic material Optical cover material Polycarbonate Fixation material Housing Color Silver Optical cover finish Overall length Overall length Overall width 71 mm Overall height Setel Housing Material Optical cover finish Overall height 76 mm	Inrush time	0.275 ms
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 Steel Housing Color Silver Optical cover finish Opal Overall length 71 mm Overall width 71 mm Overall height 76 mm	Power Consumption	30 W
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 Steel Housing Color Silver Optical cover finish Opal Overall length 71 mm Overall width 71 mm Overall height 76 mm	Power Factor (Fraction)	0.9
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 Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Connection	External connector
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 Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Cable	-
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 Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Number of products on MCB of 16 A type B	24
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 Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm		
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 Optic material Polycarbonate Optical cover material Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 71 mm Overall height 76 mm	Temperature	
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 Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall height 76 mm	Ambient temperature range	-20 to +40 °C
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 Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall height 76 mm		
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Aluminum extruded Reflector material Optic material Optical cover material Fixation material Housing Color Silver Optical cover finish Opal Overall length T mm Overall height Power supply unit with DALI interface DALI No Poll Aluminum extruded Aluminum Polycarbonate Steel Steel 1,120 mm 71 mm Overall height 76 mm	Controls and Dimming	
Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum extruded Reflector material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall height 76 mm	Dimmable	Yes
Mechanical and Housing Housing Material Aluminum extruded Reflector material Aluminum Optic material Polycarbonate Optical cover material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Driver/power unit/transformer	Power supply unit with DALI interface
Mechanical and Housing Housing Material Aluminum extruded Reflector material Aluminum Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Control interface	DALI
Housing Material Aluminum extruded Reflector material Aluminum Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall height 76 mm	Constant light output	No
Housing Material Aluminum extruded Reflector material Aluminum Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall height 76 mm		
Reflector material Aluminum Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Housing Material	Aluminum extruded
Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Reflector material	Aluminum
Fixation material Steel Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Optic material	Polycarbonate
Housing Color Silver Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Optical cover material	Polycarbonate
Optical cover finish Opal Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Fixation material	Steel
Overall length 1,120 mm Overall width 71 mm Overall height 76 mm	Housing Color	Silver
Overall width 71 mm Overall height 76 mm	Optical cover finish	Opal
Overall height 76 mm	Overall length	1,120 mm
	Overall width	71 mm
Dimensions (Height x Width x Depth) 76 x 71 x 1120 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	
Maximum dim level	10%
Suitable for random switching	No
Product Data	
Order product name	BPS680 C LED24/840 PSD W7L120 O-PC
Full product name	BPS680 C LED24/840 PSD W7L120 O-PC
Full product code	911401540101
Order code	911401540101
Material Nr. (12NC)	911401540101
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



Celino LED BPS680 C



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.