



Celino – light beam

Celino TCS680

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.

Benefits

- Complete luminaire range that reflects the trend to miniaturization and architectural integration
- Excellent optical performance using Philips' aluminum micro optic with 3D lamellae for optimum visual comfort and efficiency
- Design allows multiple luminaires to be connected in line arrangements

Features

- Housing 71 mm wide
- Choice of TL5, TL5 Eco or LED light sources
- Aluminum micro optic with 3D lamellae
- Compliant with office-lighting norm EN 12464-1
- Mounting individually or in lines

Application

- Offices
- Education
- Healthcare
- Retail

Specifications

Celino TCS680

Type	TCS680
Light source	Fluorescent: - 1 x or 2 x MASTER TL5 / G5 / 14, 24, 28, 35, 49, 54, 80 W
Lamp included	Yes (lamp color 451 (ActiViva Natural), 452 (ActiViva Active), 827, 830 or 840) No
Gear	Electronic, 220 - 240 V / 50 - 60 Hz: - High Frequency Performer (HFP) - High Frequency Regulator, DALI (HFD) - High Frequency Regulator (HFR) - High Frequency Regulator, touch-switch (HFD-T)
Optic	High-gloss optic, 3D micro-lamellae, very high-reflective (C8-VH) High-gloss optic, 3D micro-lamellae (C8) Semi-high-gloss optic, 3D micro-lamellae, very high-reflective (D8-VH) High-gloss optic, 3D micro-lamellae (D8) Matt mirror, ribbed cross louvers (M2)
Optical cover	Acrylate micro lens optic (AC-MLO) Polycarbonate micro lens optic (PC-MLO)
Connection	Push-in connector Cable, length 200 cm, with plug CEE7

Housing configuration (for line arrangements)	Line end (LE), for ending a line Line feature (LF), for insertion in a line
Option	Emergency lighting: 3 hours (EL3) Lighting controls: - Luxsense daylight controller micro (LXM) - ActiLume multi controller (ACL) Euro fuse (FU) included
Material	Housing: natural anodized aluminum End caps: die-cast aluminum Optic: aluminum Cover: AC-MLO: PMMA, PC-MLO: polycarbonate
Installation	Individual or in line, by clicking the luminaire into pre-screwed ceiling brackets to the ceiling
Remarks	MLO optic ensures optimum light distribution and full glare control in all viewing directions compliant with the current norm for indoor working places (EN12464-1, UGR , 19, L < 1000 cd/m Dedicated line arrangement luminaires (LE and LF types) include all connection and suspension parts and through-wiring
Main applications	Offices, education, healthcare, retail

Versions



Celino TCS680 surface-mounted luminaire with high-gloss optic with 3D micro-lamellae (C8) or very high-reflectance 3D micro-lamellae (C8-VH)



Celino TCS680 surface-mounted luminaire with semi-high-gloss optic with 3D micro-lamellae (D8) or very high-reflectance 3D micro-lamellae (D8-VH)



Celino TCS680 surface-mounted luminaire with matt high-quality aluminum optic with profiled lamellae (M2)



Celino TCS680 surface-mounted luminaire with acrylate or polycarbonate micro-lens optic (AC-MLO/PC-MLO)

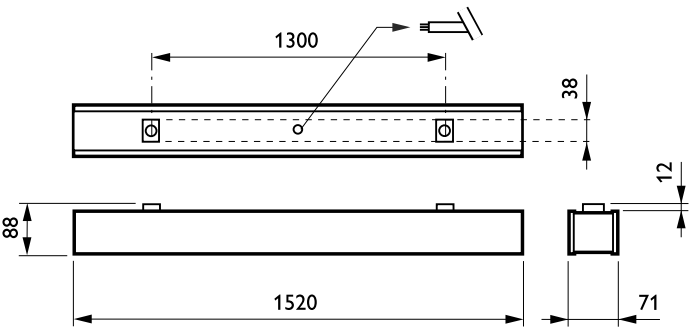
Dimensional drawing

Celino TCS680

Product	A	B
TCS680 1x49W/840 HFP D8 ALU	1300 mm	1520 mm
TCS680 1x54W/830 HFP M2 ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP D8 ALU	1000 mm	1220 mm
TCS680 1x80W/840 HFP AC-MLO ALU	1300 mm	1520 mm
TCS680 1x49W/830 HFR AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 1x54W/840 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 1x54W/840 HFP D8 ALU	1000 mm	1220 mm
TCS680 1x54W/840 HFP D8-VH ALU	1000 mm	1220 mm
TCS680 1x35W/830 HFP AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 1x49W/840 HFP C8-VH ALU	1300 mm	1520 mm
TCS680 1x35W/840 HFP AC-MLO FU ALU	1300 mm	1520 mm
TCS680 1x35W/840 HFP AC-MLO ALU	1300 mm	1520 mm
TCS680 1x49W/830 HFR C8 IPR ALU	1300 mm	1520 mm
TCS680 1x28W/830 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 1x35W/840 HFP PC-MLO ALU	1300 mm	1520 mm
TCS680 1x35W/840 HFP D8 FU ALU	1300 mm	1520 mm
TCS680 1x54W/830 HFP D8 ALU	1000 mm	1220 mm
TCS680 1x80W/840 HFP D8-VH ALU	1300 mm	1520 mm
TCS680 1x28W/830 HFP M2 ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP C8-VH ALU	1000 mm	1220 mm
TCS680 1x28W/830 HFR AC-MLO ALU	1000 mm	1220 mm
TCS680 1x35W/840 HFP M2 FU ALU	1300 mm	1520 mm
TCS680 1x35W/830 HFP D8 ALU	1300 mm	1520 mm
TCS680 1x35W/840 HFP C8 ALU	1300 mm	1520 mm
TCS680 1x35W/840 HFP M2 ALU	1300 mm	1520 mm
TCS680 1x28W/830 HFR M2 ALU	1000 mm	1220 mm
TCS680 1x49W/840 HFP D8-VH ALU	1300 mm	1520 mm
TCS680 1x28W/840 HFP D8 FU ALU	1000 mm	1220 mm
TCS680 1x49W/840 HFP AC-MLO ALU	1300 mm	1520 mm
TCS680 1x28W/840 HFP D8-VH ALU	1000 mm	1220 mm
TCS680 1x54W/830 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 1x54W/830 HFR D8 ALU	1000 mm	1220 mm
TCS680 1x80W/840 HFP D8 ALU	1300 mm	1520 mm
TCS680 1x35W/830 HFP M2 ALU	1300 mm	1520 mm
TCS680 1x54W/830 HFP AC-MLO IPR ALU	1000 mm	1220 mm
TCS680 1x28W/830 HFR D8-VH ALU	1000 mm	1220 mm
TCS680 1x28W/830 HFP D8-VH ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP M2 FU ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP LF1 M2 ALU	1000 mm	1220 mm
TCS680 1x49W/840 HFP C8 ALU	1300 mm	1520 mm
TCS680 1x49W/840 HFP M2 ALU	1300 mm	1520 mm
TCS680 1x54W/830 HFR AC-MLO ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP C8 ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP C8 FU ALU	1000 mm	1220 mm
TCS680 1x28W/830 HFR D8 ALU	1000 mm	1220 mm
TCS680 1x28W/830 HFP D8 ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 1x28W/840 HFP LE1 M2 ALU	1000 mm	1220 mm
TCS680 1x80W/840 HFP M2 ALU	1300 mm	1520 mm
TCS680 1x35W/830 HFP AC-MLO ALU	1300 mm	1520 mm

Dimensional drawing

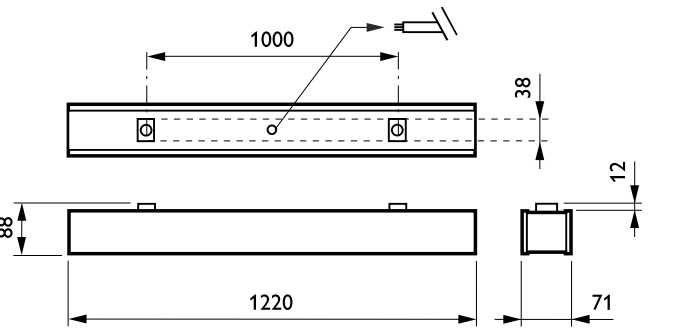
Celino TCS680



Celino TCS680

Product	A	B
TCS680 1x54W/840 HFP M2 ALU	1000 mm	1220 mm
TCS680 1x35W/830 HFP D8-VH ALU	1300 mm	1520 mm
TCS680 1x28W/840 HFP PC-MLO ALU	1000 mm	1220 mm
TCS680 1x49W/830 HFP AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 1x80W/840 HFP C8-VH ALU	1300 mm	1520 mm
TCS680 1x28W/840 HFP M2 ALU	1000 mm	1220 mm
TCS680 1x35W/840 HFP D8 ALU	1300 mm	1520 mm
TCS680 1x80W/840 HFP C8 ALU	1300 mm	1520 mm
TCS680 1x28W/840 HFP AC-MLO FU ALU	1000 mm	1220 mm
TCS680 1x54W/830 HFR M2 ALU	1000 mm	1220 mm

Product	A	B
TCS680 2x28W/830 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 2x35W/830 HFP AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 2x35W/840 HFP PC-MLO ALU	1300 mm	1520 mm
TCS680 2x35W/830 HFP M2 ALU	1300 mm	1520 mm
TCS680 2x28W/830 HFP M2 ALU	1000 mm	1220 mm
TCS680 2x35W/830 HFR AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 2x49W/830 HFP AC-MLO IPR ALU	1300 mm	1520 mm
TCS680 2x35W/830 HFP AC-MLO ALU	1300 mm	1520 mm
TCS680 2x35W/840 HFP C8 ALU	1300 mm	1520 mm
TCS680 2x54W/830 HFP D8 ALU	1000 mm	1220 mm
TCS680 2x28W/840 HFP D8 ALU	1000 mm	1220 mm
TCS680 2x35W/840 HFP AC-MLO ALU	1300 mm	1520 mm
TCS680 2x28W/840 HFP PC-MLO ALU	1000 mm	1220 mm
TCS680 2x28W/830 HFR D8 ALU	1000 mm	1220 mm
TCS680 2x35W/840 HFP D8-VH ALU	1300 mm	1520 mm
TCS680 2x28W/840 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 2x54W/840 HFP AC-MLO ALU	1000 mm	1220 mm
TCS680 2x28W/840 HFP C8 ALU	1000 mm	1220 mm
TCS680 2x54W/830 HFP M2 ALU	1000 mm	1220 mm



Celino TCS680

Dimensional drawing

Celino TCS680

Operating and Electrical	
Input Voltage	220 to 240
General Information	
CE mark	CE mark
Color	Aluminum
Protection class IEC	Safety class I
Emergency lighting	-
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Lamp family code	TL5
Embedded control	-
Internal wiring	Standard

Approval and Application

order code	Ingress protection code
910501243103	IP20
910501243403	IP20
910501295403	IP20
910501243203	IP20
910501243503	IP20
910501250403	IP20
910501250803	IP20
910501287103	IP20
910501295603	IP20
910501296203	IP20
910501296903	IP20
910501243303	IP20
910501243603	IP20
910501250503	IP20
910501251303	IP20
910501251703	IP20
910501287203	IP20
910501295803	IP20
910501244303	IP40
910501244403	IP40
910501250603	IP40
910501251403	IP40
910501272403	IP40
910501272503	IP40
910501287303	IP40
910501295903	IP40
910501296503	IP40
910501297203	IP40
910501252903	IP20

General Information (1/2)

Celino TCS680

order code	Optical cover/lens type	Gear	Glow-wire test	Lamp power	Number of light sources
910501243103	-	HFP	Temperature 960 °C, duration 5 s	28	1 pc
910501243403	-	HFP	Temperature 960 °C, duration 5 s	35	1 pc
910501295403	-	HFP	Temperature 960 °C, duration 5 s	49	1 pc
910501243203	-	HFP	Temperature 960 °C, duration 5 s	28	1 pc
910501243503	-	HFP	Temperature 960 °C, duration 5 s	35	1 pc
910501250403	-	HFP	Temperature 960 °C, duration 5 s	28	1 pc
910501250803	-	HF Regulator	Temperature 960 °C, duration 5 s	28	1 pc
910501287103	-	HFP	Temperature 960 °C, duration 5 s	35	1 pc
910501295603	-	HFP	Temperature 960 °C, duration 5 s	49	1 pc
910501296203	-	HFP	Temperature 960 °C, duration 5 s	54	1 pc
910501296903	-	HFP	Temperature 960 °C, duration 5 s	80	1 pc
910501243303	-	HFP	Temperature 850 °C, duration 5 s	28	1 pc
910501243603	-	HFP	Temperature 850 °C, duration 5 s	35	1 pc
910501250503	-	HFP	Temperature 850 °C, duration 5 s	28	1 pc
910501251303	-	HFP	Temperature 850 °C, duration 5 s	54	1 pc

order code	Optical cover/lens type	Gear	Glow-wire test	Lamp power	Number of light sources
910501251703	-	HF Regulator	Temperature 850 °C, duration 5 s	54	1 pc
910501287203	-	HFP	Temperature 850 °C, duration 5 s	35	1 pc
910501295803	-	HFP	Temperature 850 °C, duration 5 s	49	1 pc
910501244303	Polycarbonate micro lens optic	HFP	Temperature 850 °C, duration 5 s	28	1 pc
910501244403	Polycarbonate micro lens optic	HFP	Temperature 850 °C, duration 5 s	35	1 pc
910501250603	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	28	1 pc
910501251403	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	54	1 pc
910501272403	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	28	1 pc
910501272503	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	35	1 pc
910501287303	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	35	1 pc
910501295903	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	49	1 pc
910501296503	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	54	1 pc
910501297203	Acrylate micro-lens optic	HFP	Temperature 650 °C, duration 5 s	80	1 pc
910501252903	-	HFP	Temperature 850 °C, duration 5 s	54	2 pcs

General Information (2/2)

order code	Optical cover/lens type	Optic type	Product Family Code
910501243103	-	High-gloss optic 3D micro-lamellae	TCS680
910501243403	-	High-gloss optic 3D micro-lamellae	TCS680
910501295403	-	High-gloss optic 3D micro-lamellae	TCS680
910501243203	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501243503	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501250403	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501250803	-	Semi-high-gloss optic 3D micro-lamellae	TCS680

order code	Optical cover/lens type	Optic type	Product Family Code
910501287103	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501295603	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501296203	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501296903	-	Semi-high-gloss optic 3D micro-lamellae	TCS680
910501243303	-	Matt mirror ribbed lamellae louver	TCS680
910501243603	-	Matt mirror ribbed lamellae louver	TCS680
910501250503	-	Matt mirror ribbed lamellae louver	TCS680
910501251303	-	Matt mirror ribbed lamellae louver	TCS680
910501251703	-	Matt mirror ribbed lamellae louver	TCS680
910501287203	-	Matt mirror ribbed lamellae louver	TCS680
910501295803	-	Matt mirror ribbed lamellae louver	TCS680

Celino TCS680

order code	Optical cover/lens type	Optic type	Product Family Code
910501244303	Polycarbonate micro lens optic	-	TCS680
910501244403	Polycarbonate micro lens optic	-	TCS680
910501250603	Acrylate micro-lens optic	-	TCS680
910501251403	Acrylate micro-lens optic	-	TCS680
910501272403	Acrylate micro-lens optic	-	TCS680

order code	Optical cover/lens type	Optic type	Product Family Code
910501272503	Acrylate micro-lens optic	-	TCS680
910501287303	Acrylate micro-lens optic	-	TCS680
910501295903	Acrylate micro-lens optic	-	TCS680
910501296503	Acrylate micro-lens optic	-	TCS680
910501297203	Acrylate micro-lens optic	-	TCS680
910501252903	-	Matt mirror ribbed lamellae louver	TCS680

