



MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

New-generation ceramic metal halide lamps used in Outdoor offering efficient and pleasant white light

Warnings and Safety

- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Use only with electronic control gear
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information					
Cap-Base	PGZ12 [PGZ12]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Life to 50% Failures (Nom)	15,000 hour(s)				
Light Technical					
Color Code	840 [CCT of 4000K]				
Color Designation	White (WH)				
Chromaticity Coordinate X (Nom)	382				
Chromaticity Coordinate Y (Nom)	396				
Luminous Efficacy (rated) (Nom)	115 lm/W				

Color rendering index (CRI)	79
Arc Length O (Nom)	18 mm
Operating and Electrical	
Power Consumption	88 W
Voltage (Nom)	96 V
Voltage (Nom)	96 V
Controls and Dimming	
Dimmable	Yes

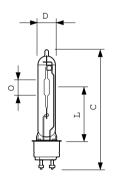
Datasheet, 2023, November 30 data subject to change

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Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T19 [T 19mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	2.5 mg				
Energy Consumption kWh/1000 h	99 kWh				
Product Data					
Order product name	MST CosmoWh CPO-TW 90W/840 PGZ12 1CT				

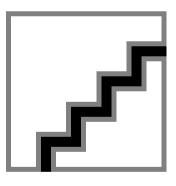
Full product name	MST CosmoWh CPO-TW 90W/840 PGZ12 1CT				
Full product code	871829113789400				
Order code	928095105127				
Material Nr. (12NC)	928095105127				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291137894				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718291137900				

Dimensional drawing



Product	D (max)	D	0	L	C (max)
MST CosmoWh CPO-TW 90W/840 PGZ12	20 mm	19 mm	18 mm	66 mm	143 mm
1CT					

Photometric data

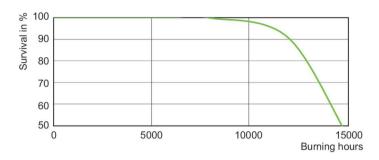


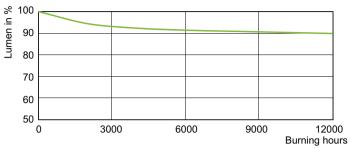
Light Distribution Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

Spectral Power Distribution Colour - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

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Lifetime





Life Expectancy Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

Lumen Maintenance Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT



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