



MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST CosmoWh CPO-TW 140W/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)	385			
Chromaticity Coordinate Y (Nom)	400			
Luminous Efficacy (rated) (Nom)	115 lm/W			

Color rendering index (CRI)	80
Arc Length O (Nom)	22 mm
Operating and Electrical	
Power Consumption	140.0 W
Voltage (Nom)	99 V
Voltage (Nom)	99 V
Controls and Dimming	
Dimmable	Yes

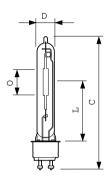
Datasheet, 2023, September 4 data subject to change

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Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T19 [T 19mm]				
Approval and Application					
Mercury (Hg) Content (Nom)	2.0 mg				
Energy Consumption kWh/1000 h	154 kWh				
Product Data					
Order product name	MST CosmoWh CPO-TW 140W/840 PGZ12 1CT				

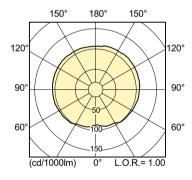
Full product name	MST CosmoWh CPO-TW 140W/840 PGZ12 1CT
Full product code	871829113791700
Order code	928095205127
Material Nr. (12NC)	928095205127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291137917
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291137924

Dimensional drawing

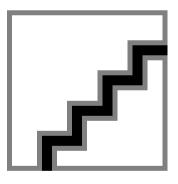


Product	D (max)	D	0	L	C (max)
MST CosmoWh CPO-TW 140W/840 PGZ12	20 mm	19 mm	22 mm	66 mm	149.8 mm
1CT					

Photometric data



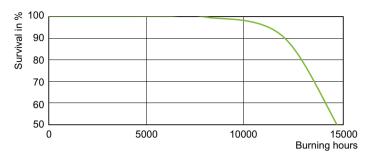
Light Distribution Diagram - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT

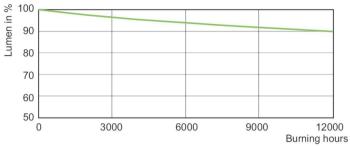


Spectral Power Distribution Colour - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT

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Lifetime





Life Expectancy Diagram - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT

Lumen Maintenance Diagram - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT



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