



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
- 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		Color rendering index (CRI)	
Cap-Base	PGZ12 [PGZ12]		79
Operating Position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	18 mm
Life to 50% Failures (Nom)	15,000 hour(s)	Operating and Electrical	
Light Technical		Power Consumption	88 W
Color Code	840 [CCT of 4000K]	Voltage (Nom)	96 V
Color Designation	White (WH)	Voltage (Nom)	96 V
Chromaticity Coordinate X (Nom)	382	Controls and Dimming	
Chromaticity Coordinate Y (Nom)	396	Dimmable	Yes
Luminous Efficacy (rated) (Nom)	115 lm/W		

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T19 [T 19mm]

Approval and Application

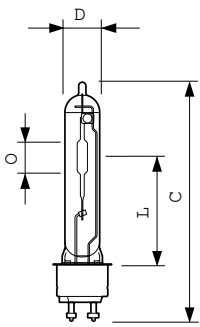
Mercury (Hg) Content (Nom)	2.5 mg
Energy Consumption kWh/1000 h	99 kWh

Product Data

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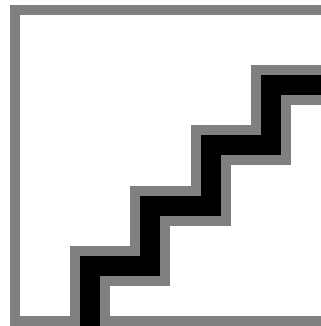
Full product name	MST CosmoWh CPO-TW 90W/840 PGZ12 1CT
Full product code	871829113789400
Order code	928095105127
Material Nr. (12NC)	928095105127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291137894
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291137900

Dimensional drawing



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

Photometric data

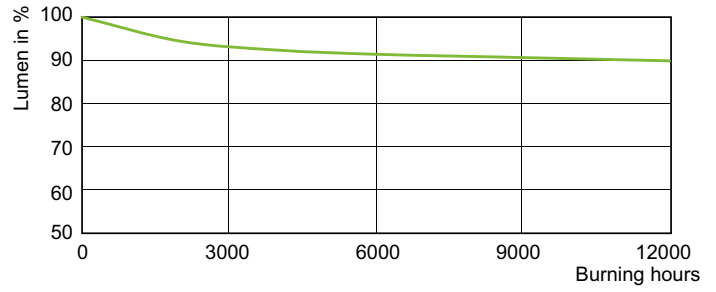
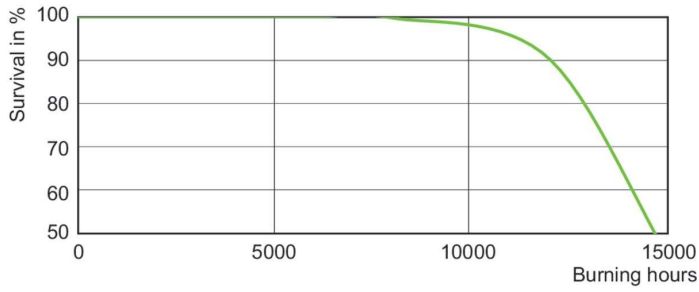


Light Distribution Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

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

