



# 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
- 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

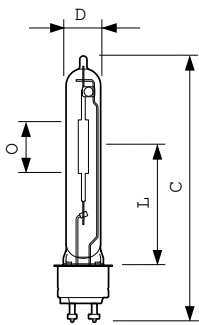
Color rendering index (CRI)	80
Arc Length O (Nom)	22 mm
Operating and Electrical	
Power Consumption	140.0 W
Voltage (Nom)	99 V
Voltage (Nom)	99 V
Controls and Dimming	
Dimmable	Yes

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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

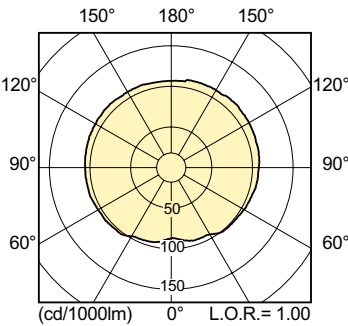
Full product name	MST CosmoWh CPO-TW 140W/840 PGZ12 1CT
Full product code	871829113791700
Order code	928095205127
Material Nr. (12NC)	928095205127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291137917
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291137924

Dimensional drawing

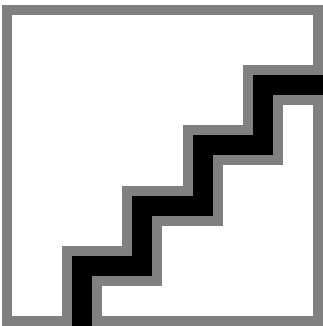


Product	D (max)	D	O	L	C (max)
MST CosmoWh CPO-TW 140W/840 PGZ12 1CT	20 mm	19 mm	22 mm	66 mm	149.8 mm

Photometric data



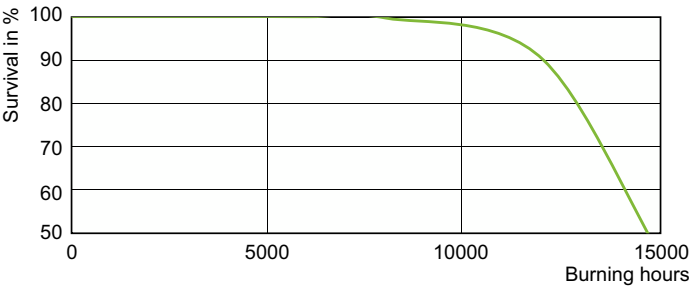
Light Distribution Diagram - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT



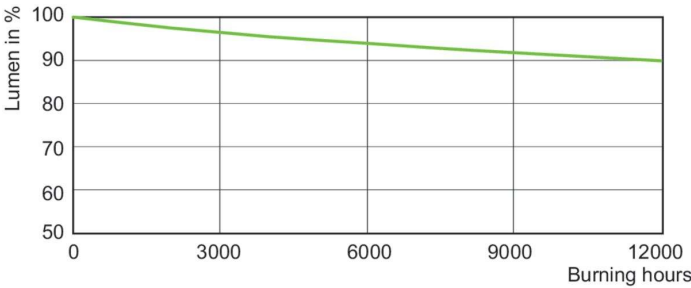
Spectral Power Distribution Colour - MST CosmoWh CPO-TW 140W/840 PGZ12 1CT

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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

