

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST COSMOWH CPO-TW Xtra 140W/728 PGZ12

New-generation ceramic metal halide lamps for outdoor lighting with white light, using a new lamp base and clear quartz outer bulb

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
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	30,000 hour(s)

Light Technical	
Color Code	728 [CCT of 2800K]
Luminous Flux	17,600 lm
Color Designation	White (WH)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Nom)	2800 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	72
Arc Length O (Nom)	22 mm

Operating and Electrical	
Power Consumption	141.0 W
Voltage (Nom)	94 V
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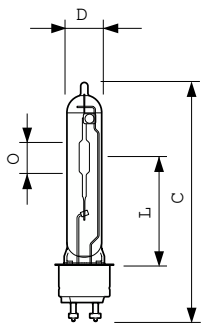
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

Approval and Application	
Energy Efficiency Class	E
Mercury (Hg) Content (Max)	3.9 mg
Mercury (Hg) Content (Nom)	3.9 mg
Energy Consumption kWh/1000 h	141 kWh
EPREL Registration Number	473349

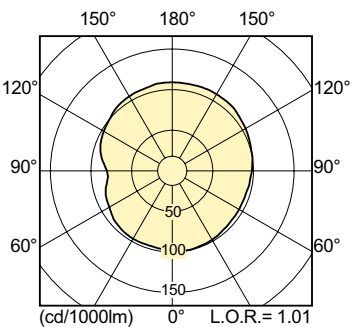
Product Data	
Order product name	MST CosmoWh CPO-TW Xtra 140W/728 PGZ12
Full product name	MST COSMOWH CPO-TW Xtra 140W/728 PGZ12
Full product code	871150020853815
Order code	20853815
Material Nr. (12NC)	928088805127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500208538
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500208545

Dimensional drawing

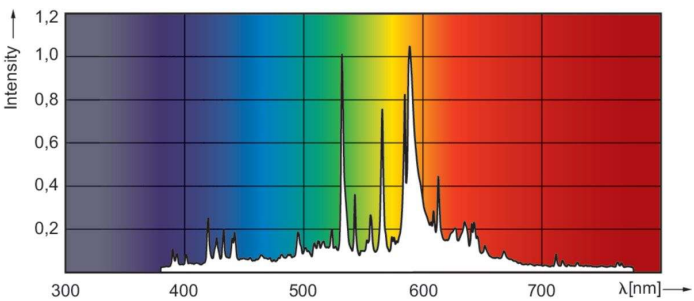


Product	D (max)	D	O	L	C (max)
MST CosmoWh CPO-TW Xtra 140W/728 PGZ12	20 mm	19 mm	22 mm	66 mm	150 mm

Photometric data



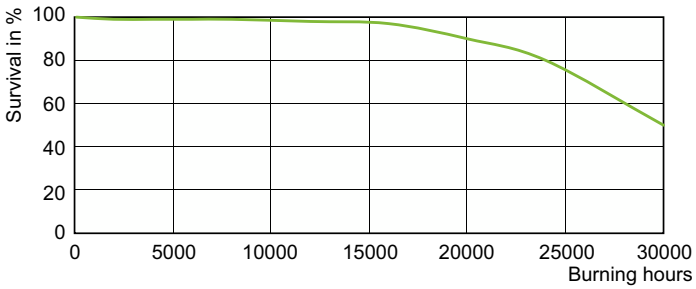
Light Distribution Diagram - MST CosmoWh CPO-TW Xtra 140W/728 PGZ12



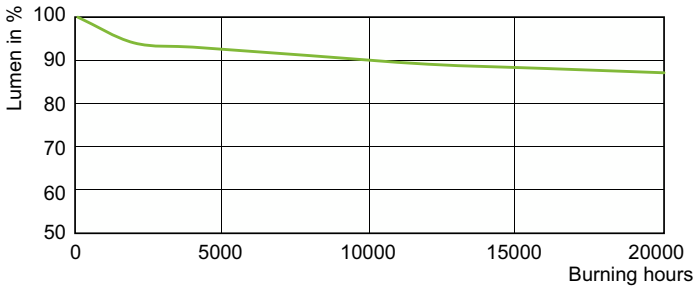
Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 140W/728 PGZ12

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Lifetime



Life Expectancy Diagram - MST CosmoWh CPO-TW Xtra 140W/728 PGZ12



Lumen Maintenance Diagram - MST CosmoWh CPO-TW Xtra 140W/728 PGZ12

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