

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST CosmoWh CPO-TW Xtra 90W/728 PGZ12

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)

Product data

General Information	
Cap-Base	PGZ12 [PGZ12]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	32,000 hour(s)

Light Technical	
Color Code	728 [CCT of 2800K]
Luminous Flux	10,800 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)	120 lm/W
Color rendering index (CRI)	70
Arc Length O (Nom)	18 mm

Operating and Electrical	
Power Consumption	90.0 W
Voltage (Nom)	92 V
Voltage (Nom)	92 V

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Clear

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Bulb Shape	T19 [T 19mm]

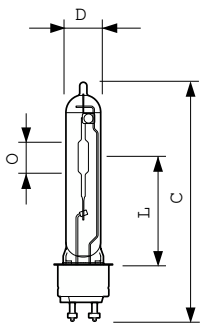
Approval and Application

Energy Efficiency Class	E
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	90 kWh
EPREL Registration Number	473351

Product Data

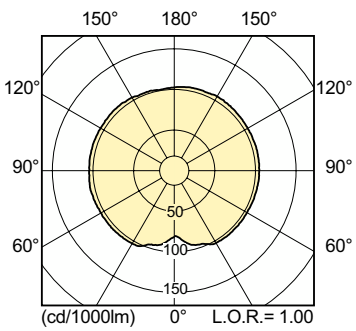
Order product name	MST CosmoWh CPO-TW Xtra 90W/728 PGZ12
Full product name	MST CosmoWh CPO-TW Xtra 90W/728 PGZ12
Full product code	871150021121715
Order code	928093505127
Material Nr. (12NC)	928093505127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500211217
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500211224

Dimensional drawing

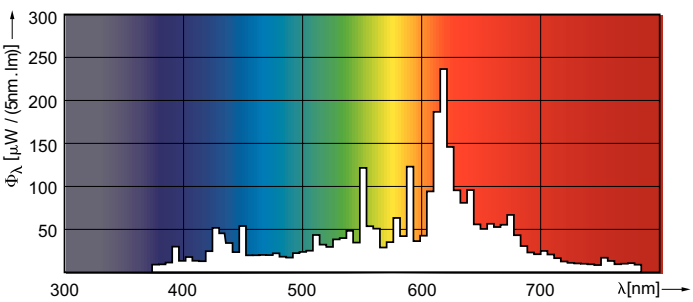


Product	D (max)	D	O	L	C (max)
MST CosmoWh CPO-TW Xtra 90W/728 PGZ12	20 mm	19 mm	18 mm	66 mm	143 mm

Photometric data



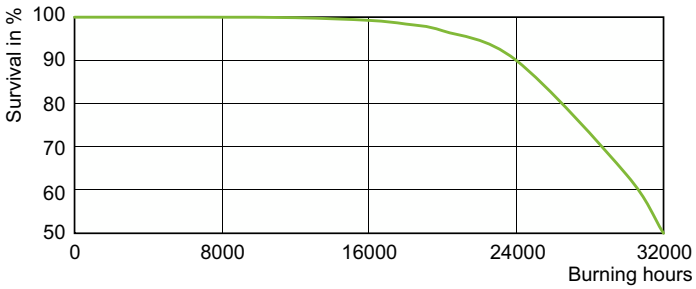
Light Distribution Diagram - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12



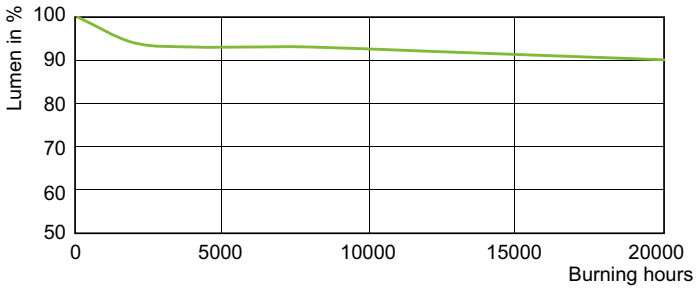
Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12

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Lifetime



Life Expectancy Diagram - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12



Lumen Maintenance Diagram - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12

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