



MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST CosmoWh CPO-TW Xtra 45W/628 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		Color rendering index (CRI)	
Cap-Base	PGZ12		66
Operating Position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	14 mm
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	32,000 hour(s)	Power Consumption	44.5 W
Light Technical		Voltage (Nom)	91 V
Color Code	628 [CCT of 2800K]	Voltage (Nom)	91 V
Luminous Flux	4,900 lm	Controls and Dimming	
Color Designation	White (WH)	Dimmable	Yes
Chromaticity Coordinate X (Nom)	0.447	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.4	Bulb Finish	Clear
Correlated Color Temperature (Nom)	2800 K		
Luminous Efficacy (rated) (Nom)	110 lm/W		

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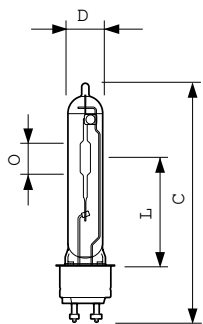
Bulb Shape	T19
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	45 kWh
EPREL Registration Number	473336

Product Data

Order product name	MST CosmoWh CPO-TW Xtra 45W/628 PGZ12
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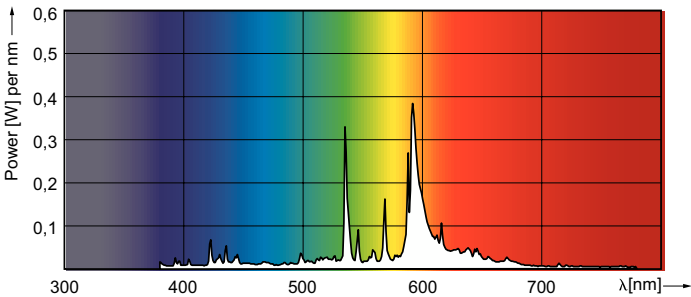
Full product name	MST CosmoWh CPO-TW Xtra 45W/628 PGZ12
Full product code	871829115001500
Order code	928083805127
Material Nr. (12NC)	928083805127
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291150015
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291150022

Dimensional drawing

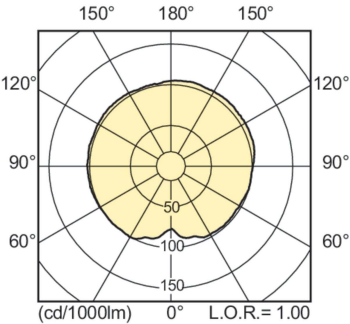


Product	D (max)	D	O	L	C (max)
MST CosmoWh CPO-TW Xtra 45W/628 PGZ12	20 mm	19 mm	14 mm	59 mm	132 mm

Photometric data



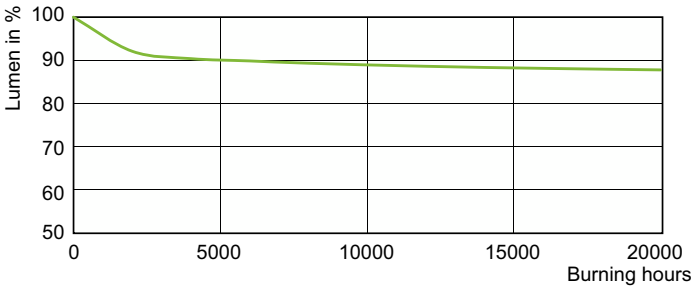
Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 45W/628 PGZ12



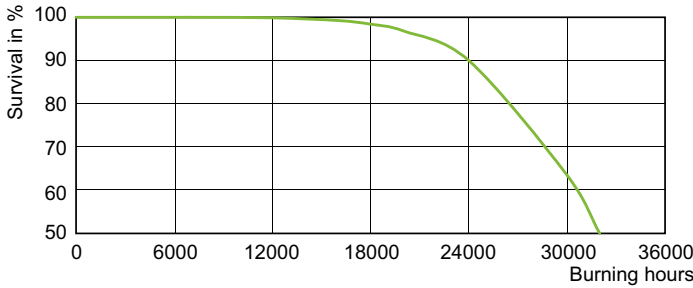
Light Distribution Diagram - MST CosmoWh CPO-TW Xtra 45W/628 PGZ12

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Lifetime



Lumen Maintenance Diagram - MST CosmoWh CPO-TW Xtra 45W/628 PGZ12



Life Expectancy Diagram - MST CosmoWh CPO-TW Xtra 45W/628 PGZ12

