



# 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)
- 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)	32,000 hour(s)				
Light Technical					
Color Code	628 [CCT of 2800K]				
Luminous Flux	4,900 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)	110 lm/W
Color rendering index (CRI)	66
Arc Length O (Nom)	14 mm
Operating and Electrical	
Power Consumption	44.5 W
Voltage (Nom)	91 V
Voltage (Nom)	91 V

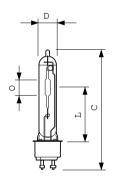
Datasheet, 2024, March 21 data subject to change

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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
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

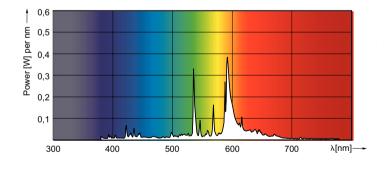
Product Data					
Order product name	MST CosmoWh CPO-TW Xtra 45W/628 PGZ1				
Full product name	MST CosmoWh CPO-TW Xtra 45W/628 PGZ12				
Full product code	871829115001500				
Order code	928083805127				
Material Nr. (12NC)	928083805127				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8718291150015				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8718291150022				

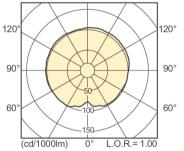
# Dimensional drawing



Product	D (max)	D	0	L	C (max)
MST CosmoWh CPO-TW Xtra 45W/628	20 mm	19 mm	14 mm	59 mm	132 mm
PGZ12					

## Photometric data





180°

150°

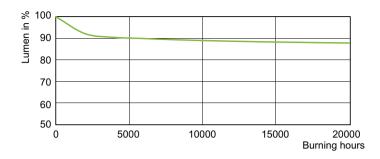
150°

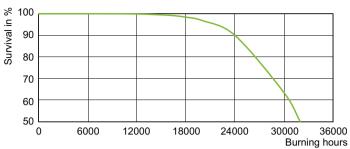
Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 45W/628 PGZ12

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

# **MASTER CosmoWhite CPO-TW & CPO-TW Xtra**

### Lifetime





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

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



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