



MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST COSMOWH CPO-TW Xtra 140W/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)
- 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

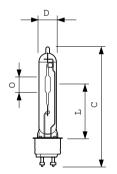
General Information		Chromaticity Coordinate Y (Nom)	0.4
Cap-Base	PGZ12	Correlated Color Temperature (Nom)	2800 K
Operating Position	UNIVERSAL [Any or Universal (U)]	Luminous Efficacy (rated) (Nom)	125 lm/W
Flux measurement reference	Sphere	Color rendering index (CRI)	72
Life to 50% Failures (Nom)	30,000 hour(s)	Arc Length O (Nom)	22 mm
Light Technical		Operating and Electrical	
Color Code	728 [CCT of 2800K]	Power Consumption	141.0 W
Luminous Flux	17,600 lm	Voltage (Nom)	94 V
Color Designation	White (WH)	Voltage (Nom)	94 V
Chromaticity Coordinate X (Nom)	0.447		

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

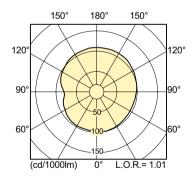
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19
Approval and Application	
Energy Efficiency Class	E
Mercury (Hg) Content (Max)	3.9 mg
Mercury (Hg) Content (Nom)	3.9 mg
Energy Consumption kWh/1000 h	141 kWh
EPREL Registration Number	473349

Product Data			
Order product name	MST CosmoWh CPO-TW Xtra 140W/728 PGZ12		
Full product name	MST COSMOWH CPO-TW Xtra 140W/728 PGZ1		
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

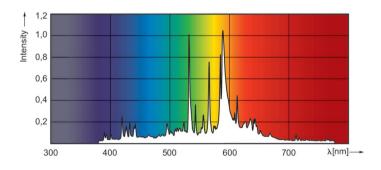


Photometric data



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

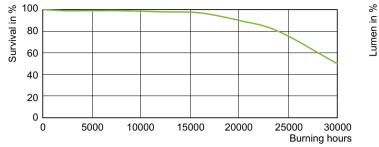
D (max)	D	0	L	C (max)
20 mm	19 mm	22 mm	66 mm	150 mm
	• •		. ,	D (max) D O L 20 mm 19 mm 22 mm 66 mm



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

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

Lifetime



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

⁸ 100 90 80 70 60 50 0 5000 1000 15000 20000 Burning hours

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 16 - data subject to change