



# MASTER CosmoWhite CPO-TW & CPO-TW Xtra



# MASTER CosmoWhite CPO-TW Xtra 90W/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
- $\boldsymbol{\cdot}$  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	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		

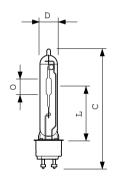
Datasheet, 2023, April 14 data subject to change

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

Voltage (Nom)	92 V
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 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	90 kWh
EPREL Registration Number	473351

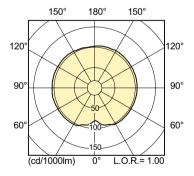
Product Data					
Order product name	MST CosmoWh CPO-TW Xtra 90W/728 PGZ12				
Full product name	MASTER CosmoWhite CPO-TW Xtra 90W/728				
	PGZ12				
Full product code	871150021121715				
Order code	21121715				
Material Nr. (12NC)	928093505127				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	8711500211217				
Numerator - Packs per outer box	12				
EAN/UPC - Case	8711500211224				

# Dimensional drawing

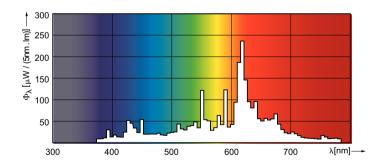


Product	D (max)	D	0	L	C (max)
MST CosmoWh CPO-TW Xtra 90W/728	20 mm	19 mm	18 mm	66 mm	143 mm
PGZ12					

#### Photometric data



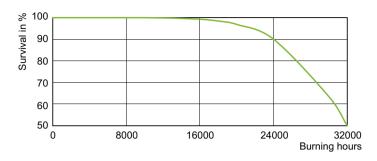
Light Distribution Diagram - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12

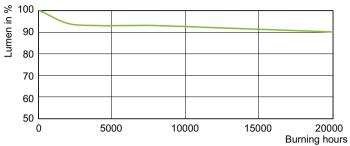


Spectral Power Distribution Colour - MST CosmoWh CPO-TW Xtra 90W/728 PGZ12

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

### Lifetime





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

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