PHILIPS Lighting



The most energyefficient reliable white light solution for Outdoor

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

New-generation ceramic metal halide lamps used in Outdoor offering efficient and pleasant white light

Benefits

- Attractive white light
- Best optical efficacy allows greater spacing between luminaires, thereby reducing investment
- Highest energy saving and lowest cost of ownership

Features

- \cdot Highly efficient white light
- \cdot Long reliable lifetime combined with highest system efficacy
- Unique new burner design and positioning in combination with best lamp fixation (PGZ12) provides best optical efficacy
- Compact size: 50% smaller than SON/HPL systems
- New electronic gear platform including dimming options

Application

• Urban public lighting for city centers, residential areas and roads

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$ The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Use only with electronic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

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Versions

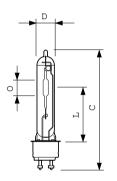




LPPR CPO-TW 0003

LPPR CPO-TW 0001

Dimensional drawing



General Information				
Cap base	PGZ12			
Operating position	UNIVERSAL			
Light Technical				
Chromaticity Coordinate X (Nom)	0.447			
Chromaticity Coordinate Y (Nom)	0.4			
Colour designation	White (WH)			
Correlated Colour Temperature	2800 K			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Lamp Finish	Clear			
Bulb shape	T19			

PGZ12 MST CosmoWh CPO-TW Xtra 60W/728 20 mm 19 mm 14 mm 59 mm 132 mm PGZ12

D (max) D

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20 mm 19 mm 22 mm 66 mm 150 mm

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C (max)

Light Technical

Product

MST CosmoWh CPO-TW Xtra 140W/728

		Colour rendering	Luminous efficacy	
Order Code	Full Product Name	index (CRI)	(rated) (nom.)	Luminous Flux
20853815	MST COSMOWH CPO-TW Xtra	72	125 lm/W	17,600 lm
	140W/728 PGZ12			
20851415	MASTER CosmoWhite CPO-TW Xtra	73	120 lm/W	7,200 lm
	60W/728 PGZ12			

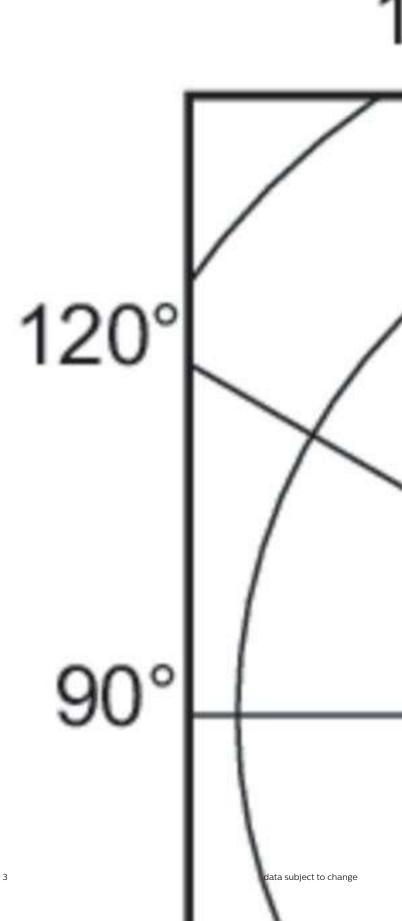
Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption	Order Code	Full Product Name	Voltage (nom.)	Power Consumption
20853815	MST COSMOWH CPO-TW Xtra	94 V	141.0 W	20851415	MASTER CosmoWhite CPO-TW Xtra	92 V	60.0 W
	140W/728 PGZ12				60W/728 PGZ12		

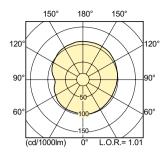
Approval and Application

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	content
Order Code	Full Product Name	kwn/1,000 nours	(Indx.)	(nom.)
20853815	MST COSMOWH CPO-	141 kWh	3.9 mg	3.9 mg
	TW Xtra 140W/728			
	PGZ12			
20851415	MASTER CosmoWhite	60 kWh	2 mg	2.0 mg
	CPO-TW Xtra 60W/728			
	PGZ12			



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