



MASTER CosmoWhite CPO-TW & CPO-TW Xtra

MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

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

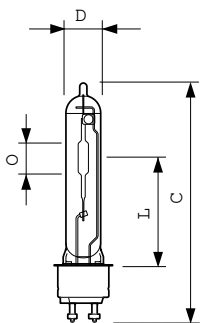
General Information		Operating and Electrical	
Cap-Base	PGZ12 [PGZ12]	Power Consumption	88 W
Operating Position	UNIVERSAL [Any or Universal (U)]	Voltage (Nom)	96 V
Life to 50% Failures (Nom)	15,000 h	Voltage (Nom)	96 V
Light Technical		Controls and Dimming	
Color Code	840 [CCT of 4000K]	Dimmable	Yes
Color Designation	White (WH)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	382	Bulb Finish	Clear
Chromaticity Coordinate Y (Nom)	396	Bulb Shape	T19 [T 19mm]
Luminous Efficacy (rated) (Nom)	115 lm/W	Approval and Application	
Color rendering index (CRI)	79	Mercury (Hg) Content (Nom)	2.5 mg
Arc Length O (Nom)	18 mm		

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

Energy Consumption kWh/1000 h	99 kWh
Product Data	
Order product name	MST CosmoWh CPO-TW 90W/840 PGZ12 1CT
Full product name	MST CosmoWh CPO-TW 90W/840 PGZ12 1CT
Full product code	871829113789400
Order code	928095105127
Material Nr. (12NC)	928095105127

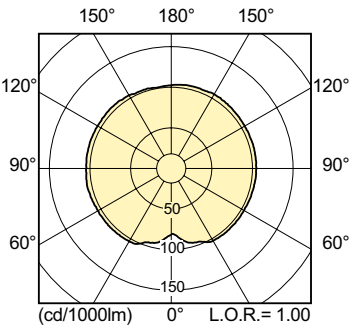
Local order code	CPOWHITE90W840
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291137894
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291137900

Dimensional drawing

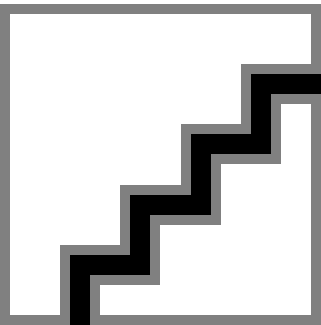


Product	D (max)	D	O	L	C (max)
MST CosmoWh CPO-TW 90W/840 PGZ12 1CT	20 mm	19 mm	18 mm	66 mm	143 mm

Photometric data



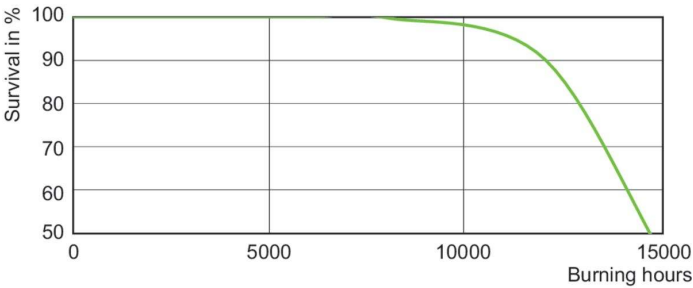
Light Distribution Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT



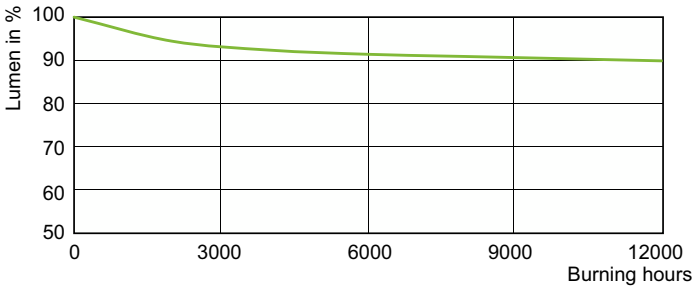
Spectral Power Distribution Colour - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

MASTER CosmoWhite CPO-TW & CPO-TW Xtra

Lifetime



Life Expectancy Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT



Lumen Maintenance Diagram - MST CosmoWh CPO-TW 90W/840 PGZ12 1CT

