



MASTER CosmoWhite CPO-TT Xtra



MST CosmoWhite CPO-TT Xtra 90W/628 E40

New-generation ceramic metal-halide tubular lamps used in outdoor applications, offering efficient and pleasant white light

Warnings and Safety

- Use only in a totally enclosed luminaire, even during testing (IEC 61167, IEC 62035, IEC 60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with suitable electronic control gear
- Control gear must include end-of-life protection (IEC 61167, IEC 62035)
- E27 lamp holders and other parts in luminaires should be designed to withstand the ignition voltage of the electronic control gear (rated at 5 kV ignition pulse)
- 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	E40
Operating position	P20 [Parallel +/-20D or Horizontal(HOR)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	32,000 h

Light Technical	
Colour Code	628 [CCT of 2800K]
Luminous Flux	10,200 lm
Colour designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4

Correlated Colour Temperature	2800 K
Luminous efficacy (rated) (nom.)	113.48 lm/W
Colour rendering index (CRI)	66
Arc Length O (Nom)	18 mm

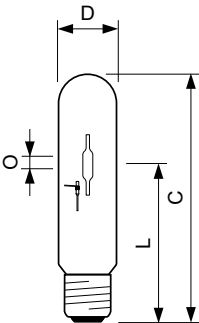
Operating and Electrical	
Power Consumption	90.0 W
Voltage (nom.)	92 V
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T46
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (max.)	3 mg
Mercury (Hg) content (nom.)	3.0 mg
Energy consumption kWh/1,000 hours	90 kWh
EPREL registration number	473308

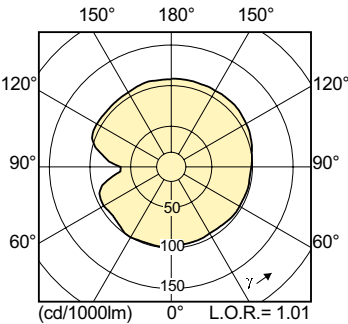
Product Data	
Order product name	MST CosmoWhite CPO-TT Xtra 90W/628 E40
Full product name	MST CosmoWhite CPO-TT Xtra 90W/628 E40
Full EOC	871829168115100
Order code	68115100
Material no. (12 NC)	928060209227
Local order code	90CPOTT628
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291681151
Numerator – packs per outer box	12
EAN/UPC - Case	8718291681168

Dimensional drawing

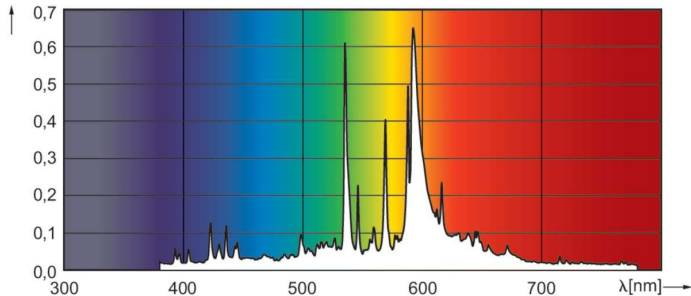


Product	D (max)	D	O	L	C (max)
MST CosmoWhite CPO-TT Xtra 90W/628 E40	47 mm	46 mm	18 mm	132 mm	211 mm

Photometric data



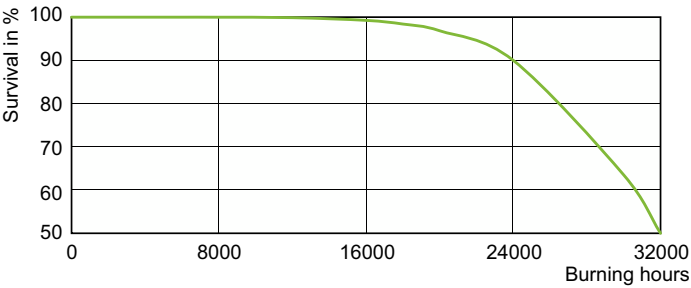
Light Distribution Diagram - MST CosmoWhite CPO-TT Xtra 90W/628 E40



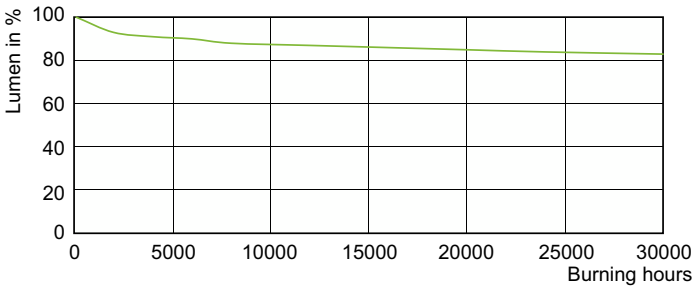
Spectral Power Distribution Colour - MST CosmoWhite CPO-TT Xtra 90W/628 E40

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Lifetime



Life Expectancy Diagram - MST CosmoWhite CPO-TT Xtra 90W/628 E40



Lumen Maintenance Diagram - MST CosmoWhite CPO-TT Xtra 90W/628 E40

