Lighting

PHILIPS



MASTER CosmoWhite CPO-TT Xtra

MST CosmoWhite CPO-TT Xtra 45W/628 E27

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)
- \cdot 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		Correlated Color Temperature (Nom)	2800 K
Cap-Base	E27	Luminous Efficacy (rated) (Nom)	105 lm/W
Operating Position	P20 [Parallel +/-20D or Horizontal(HOR)]	Color rendering index (CRI)	65
Flux measurement reference	Sphere	Arc Length O (Nom)	14 mm
Life to 50% Failures (Nom)	32,000 hour(s)		
		Operating and Electrical	
Light Technical		Power Consumption	45.0 W
Color Code	628 [CCT of 2800K]	Voltage (Nom)	91 V
Luminous Flux	4,725 lm	Voltage (Nom)	91 V
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.447		
Chromaticity Coordinate Y (Nom)	0.4	—	

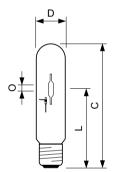
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T35
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	45 kWh
EPREL Registration Number	473310

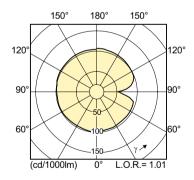
Product Data		
Order product name	MST CosmoWhite CPO-TT Xtra 45W/628 E27	
Full product name	MST CosmoWhite CPO-TT Xtra 45W/628 E27	
Full product code	871829169171600	
Order code	928060809227	
Material Nr. (12NC)	928060809227	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291691716	
Numerator - Packs per outer box	12	
EAN/UPC - Case	8718291691723	

Dimensional drawing

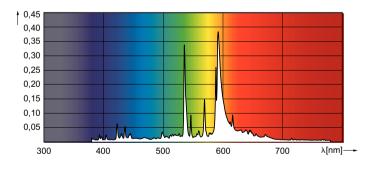


Product D (max) D O L C (max) MST CosmoWhite CPO-TT Xtra 45W/628 36 mm 35 mm 14 mm 103 mm 156 mm E27

Photometric data



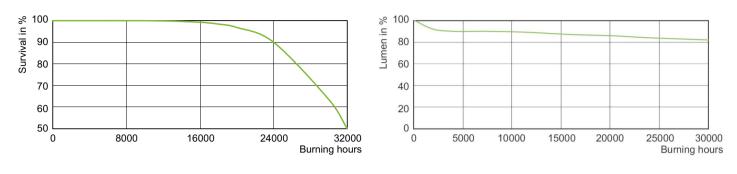
Light Distribution Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27



Spectral Power Distribution Colour - MST CosmoWhite CPO-TT Xtra 45W/628 E27

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Lifetime



Lumen Maintenance Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27

Life Expectancy Diagram - MST CosmoWhite CPO-TT Xtra 45W/628 E27



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