# Lighting

**PHILIPS** 



# 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)
- $\cdot$  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	E40	Luminous Efficacy (rated) (Nom)	113.48 lm/W		
Operating Position	erating Position P20 [Parallel +/-20D or Horizontal(HOR)] Color rendering index (CRI)		66		
Flux measurement reference	Sphere	Arc Length O (Nom)	18 mm		
Life to 50% Failures (Nom)	32,000 hour(s)				
		Operating and Electrical			
Light Technical		Power Consumption	90.0 W		
Color Code	628 [CCT of 2800K]	Voltage (Nom)	92 V		
Luminous Flux	10,200 lm	Voltage (Nom)	92 V		
Color Designation	Warm White (WW)				
Chromaticity Coordinate X (Nom)	0.447				
Chromaticity Coordinate Y (Nom)	0.4				

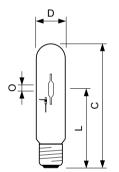
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### MASTER CosmoWhite CPO-TT Xtra

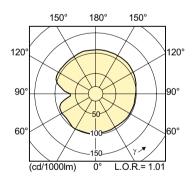
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Shape	T46		
Approval and Application			
Energy Efficiency Class	F		
Mercury (Hg) Content (Max)	3 mg		
Mercury (Hg) Content (Nom)	3.0 mg		
Energy Consumption kWh/1000 h	90 kWh		
EPREL Registration Number	473308		

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 product code	871829168115100		
Order code	928060209227		
Material Nr. (12NC)	928060209227		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291681151		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291681168		

#### Dimensional drawing

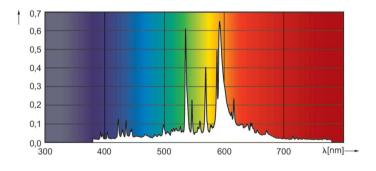


# Photometric data



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

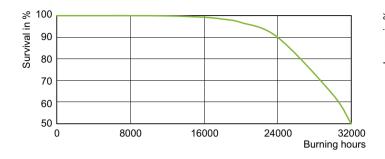
Product	D (max)	D	0	L	C (max)
MST CosmoWhite CPO-TT Xtra 90W/628	47 mm	46 mm	18 mm	132 mm	211 mm
E40					



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

## MASTER CosmoWhite CPO-TT Xtra

Lifetime



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

\$ 100 100 100 60 40 20 0 5000 10000 15000 20000 25000 30000 Burning hours

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



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