PHILIPS

MASTER CosmoWhite CPO-TT Xtra

DCPOTT



The easy-fitting solution for highly energy-efficient and reliable white light outdoors

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

Benefits

- Attractive white-light alternative to current standard mercury-vapor, HPS and ceramic solutions
- Offering easy access to low-cost high-performance new system with existing standard components
- Best combination of low investment and high energy savings (up to 65%), resulting in very low cost of ownership

Applications

- Street lighting and area lighting, urban and residential areas and city centers; for functional lighting and city beautification

Features

- Highly efficient white light; extremely high system efficacy
- Long reliable lifetime; new Xtra range offering service life of up to 6 years (> 30kh average life)

- Unique new burner design in combination with glass outer bulb and Edison lamp base offering easy fit into existing HPS / SON luminaire platform
- Designed for electronic gear platforms including all control features and dimming options offering flexible light levels and reduced energy consumption
- 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.

Versions

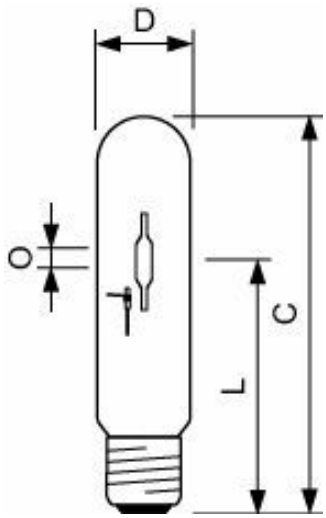


LPPR CPO-TT 0001



LPPR CPO-TT 0002

Dimensional drawing



Product	D (max)	D	O	L	C (max)
MST CosmoWhite CPO-TT Xtra 60W/628 E27	36 mm	35 mm	14 mm	102 mm	156 mm
MST CosmoWhite CPO-TT Xtra 90W/628 E40	47 mm	46 mm	18 mm	132 mm	211 mm

General Information

Operating Position	P20 [Parallel +/-20D or Horizontal(HOR)]

Light Technical

Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Correlated Color Temperature (Nom)	2800 K

Operating and Electrical

Voltage (Nom)	92 V

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base
928060109227	MST CosmoWhite CPO-TT Xtra 60W/628 E27	E27
928060209227	MST CosmoWhite CPO-TT Xtra 90W/628 E40	E40

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928060109227	MST CosmoWhite CPO-TT Xtra 60W/628 E27	7,150 lm	119.17 lm/W	70
928060209227	MST CosmoWhite CPO-TT Xtra 90W/628 E40	10,200 lm	113.48 lm/W	66

Operating and Electrical

Order Code	Full Product Name	Power Consumption
928060109227	MST CosmoWhite CPO-TT Xtra 60W/628 E27	60.0 W
928060209227	MST CosmoWhite CPO-TT Xtra 90W/628 E40	90.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928060109227	MST CosmoWhite CPO-TT Xtra 60W/628 E27	T35
928060209227	MST CosmoWhite CPO-TT Xtra 90W/628 E40	T46

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)	Energy Consumption kWh/ 1000 h
928060109227	MST CosmoWhite CPO-TT Xtra 60W/628 E27	2 mg	2.0 mg	60 kWh
928060209227	MST CosmoWhite CPO-TT Xtra 90W/628 E40	3 mg	3.0 mg	90 kWh

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