



# MASTER CityWhite CDO-TT

MASTER CityWhite CDO-TT Plus 70W/942 E27

Ceramic metal halide lamp with clear tubular outer bulb shape, used in outdoor offering pleasant white light

## Product data

### • General Information

Cap-Base	E27 [ E27]
Bulb Shape	T35 [ T 35mm]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life To 5% Failures (Nom)	6000 h
Life To 10% Failures (Nom)	8000 h
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	95 %
LSF 8000 h Rated	91 %
LSF 12000 h Rated	80 %
LSF 16000 h Rated	65 %
LSF 20000 h Rated	50 %

### • Light Technical

Color Code	942 [ CCT of 4200K]
Luminous Flux (Rated) (Nom)	7300 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	363
Chromaticity Coordinate Y (Nom)	365
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Rendering Index (Nom)	90
LLMF 2000 h Rated	92 %

LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	84 %
LLMF 8000 h Rated	83 %
LLMF 12000 h Rated	80 %
LLMF 16000 h Rated	75 %
LLMF 20000 h Rated	70 %

### • Operating and Electrical

Power (Rated) (Nom)	73.0 W
Lamp Current (EM) (Nom)	0.795 A
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	720 s
Ignition Time (Max)	30 s
Voltage (Nom)	93 V

### • Controls and Dimming

Dimmable	Yes
Run-Up Time 90% (Max)	4 min

### • Mechanical and Housing

Bulb Finish	Clear
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### • Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	6.5 mg

**PHILIPS**

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Energy Consumption 80 kWh  
kWh/1000 h

## • UV

Pet (Niosh) (Min) 8 h/500lx  
Damage Factor D/fc (Max) 0.6

## • Luminaire Design Requirements

Bulb Temperature (Max) 350 °C  
Cap-Base Temperature (Max) 200 °C

## • Product Data

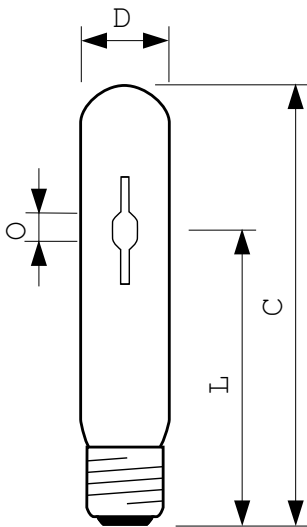
Full product code 871869659679100  
Order product name MASTER CityWhite CDO-TT Plus 70W/942 E27  
EAN/UPC - Product 8718696596791  
Order code 928082619230  
Numerator - Quantity Per Pack 1  
Numerator - Packs per outer box 12  
Material Nr. (12NC) 928082619230  
Net Weight (Piece) 48.000 g  
ILCOS Code MT-70/942-H-E27-39/156

## 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
- Lamps may use electromagnetic control gear or electronic gear suitable to drive CDO lamps (e.g. HID-PV Xt CDO)
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

- Warm restart time can be up to 15 minutes; T15 ignitors therefore advised
- 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.

## Dimensional drawing

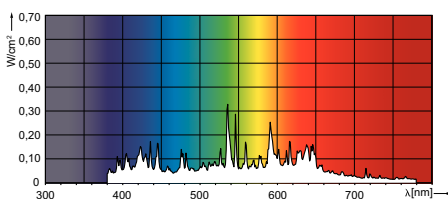


CDO-TT Plus, 50/70W, E27

## CDO-TT Plus 70W/942 E27

Product	D	O	L	C
MASTER CityWhite CDO-TT Plus 70W/942 E27	36 mm	7.75 mm	102 mm	156 mm

## Photometric data





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data subject to change