

MASTER CityWhite CDO-TT

MASTER CityWh CDO-TT Plus 250W/830 E40

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

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
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- Lamps may use electromagnetic control gear or electronic gear suitable to drive CDO lamps (e.g. HID-PV Xt CDO)
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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.

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	23,000 hour(s)

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux	28,400 lm

Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	113 lm/W
Color rendering index (CRI)	88
Arc Length O (Nom)	12.1 mm

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Operating and Electrical	
Power Consumption	250.0 W
Voltage (Nom)	99 V
Voltage (Nom)	99 V

Controls and Dimming	
Dimmable	Yes

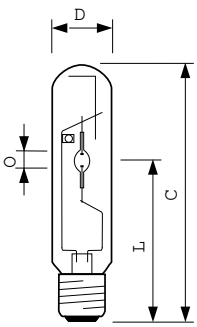
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T46 [T 46mm]

Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Max)	25 mg
Mercury (Hg) Content (Nom)	25.3 mg

Energy Consumption kWh/1000 h	250 kWh
EPREL Registration Number	473329

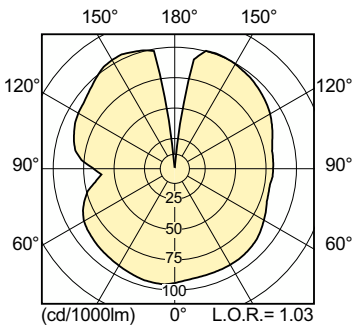
Product Data	
Order product name	MASTER CityWh CDO-TT Plus 250W/830 E40
Full product name	MASTER CityWh CDO-TT Plus 250W/830 E40
Full product code	871829112197800
Order code	928082319230
Material Nr. (12NC)	928082319230
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291121978
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291121985

Dimensional drawing

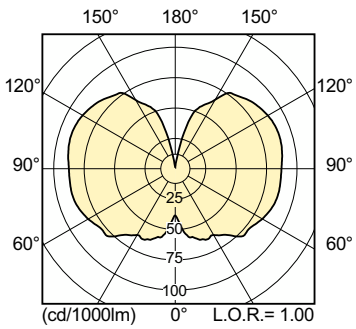


Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 250W/830 E40	47 mm	12.1 mm	157 mm	257 mm

Photometric data



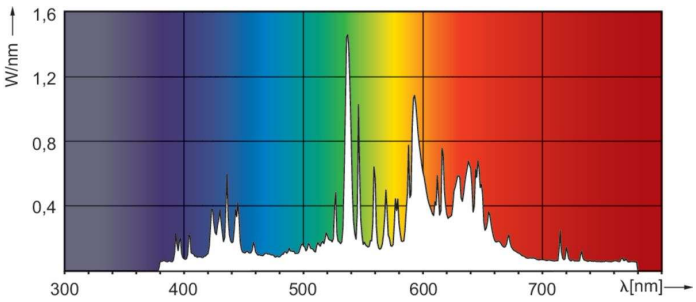
Light Distribution Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40



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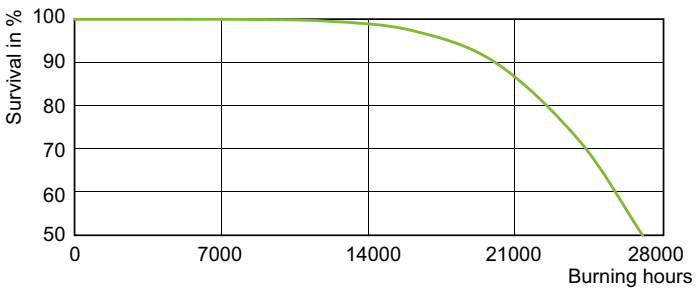
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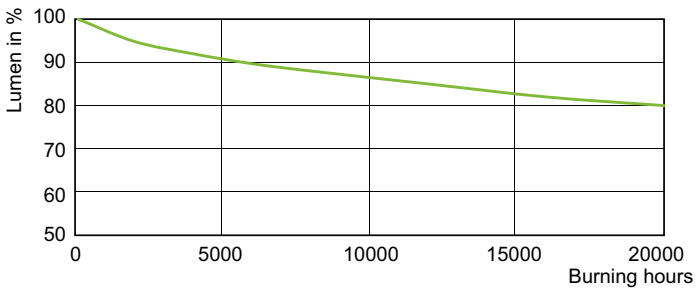


Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 250W/830 E40

Lifetime



Life Expectancy Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40



Lumen Maintenance Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40

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