



MASTER CityWhite CDO-TT

MASTER CityWhite 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)
- \cdot 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.

Product data

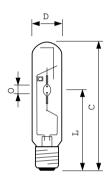
General Information		Luminous Efficacy (rated) (Nom)	113 lm/W	
Cap-Base	E40 [E40]	Color rendering index (CRI)	88	
Operating Position	UNIVERSAL [Any or Universal (U)]	Arc Length O (Nom)	12.1 mm	
Flux measurement reference	Sphere			
Life to 50% Failures (Nom)	23,000 hour(s)	Operating and Electrical	Operating and Electrical	
		Power Consumption	250.0 W	
Light Technical		Voltage (Nom)	99 V	
Color Code	830 [CCT of 3000K]	Voltage (Nom)	99 V	
Luminous Flux	28,400 lm			
Color Designation	Warm White (WW)	Controls and Dimming		
Chromaticity Coordinate X (Nom)	0.434	Dimmable	Yes	
Chromaticity Coordinate Y (Nom)	0.398			
Correlated Color Temperature (No	m) 3000 K			

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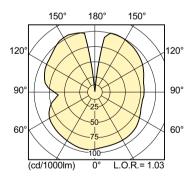
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Shape	T46 [T 46mm]		
Approval and Application			
Energy Efficiency Class	F		
Mercury (Hg) Content (Max)	25 mg		
Mercury (Hg) Content (Nom)	25.3 mg		
Energy Consumption kWh/1000 h	250 kWh		
EPREL Registration Number	473329		
Product Data			
Order product name	MASTER CityWh CDO-TT Plus 250W/830 E40		

Full product name	MASTER CityWhite CDO-TT Plus 250W/830 E40		
Full product code	871829112197800		
Order code	12197800		
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

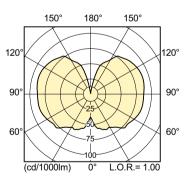


Photometric data



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

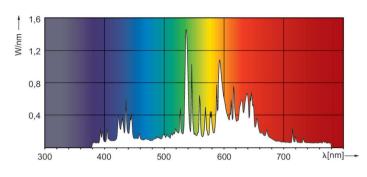
Product	D (max)	0	L	C (max)
MASTER CityWh CDO-TT Plus 250W/830 E40	47 mm	12.1 mm	157 mm	257 mm



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

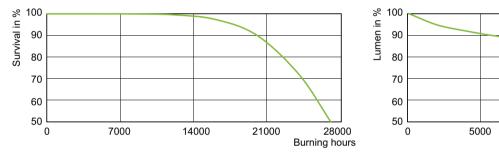
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Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 250W/830 E40

Lifetime



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

100 90 80 70 60 50 0 5000 1000 15000 20000 Burning hours

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



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