



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)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Product data

General Information	
Cap base	E40
Operating position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% failures (nom.)	23,000 h
Light Technical	
Colour Code	830 [CCT of 3000K]
Luminous Flux	28,400 lm
Colour designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	113 lm/W
Colour rendering index (CRI)	88
Arc Length O (Nom)	12.1 mm

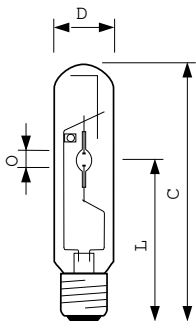
Operating and Electrical	
Power Consumption	250.0 W
Voltage (nom.)	99 V
Voltage (nom.)	99 V
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T46 [T 46 mm]
Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (max.)	25 mg
Mercury (Hg) content (nom.)	25.3 mg
Energy consumption kWh/1,000 hours	250 kWh

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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 EOC	871829112197800
Order code	12197800

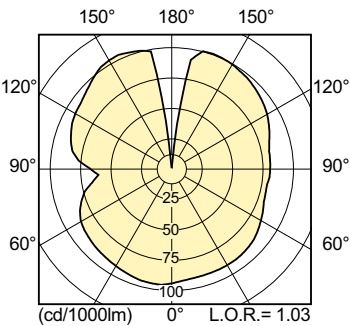
Material no. (12 NC)	928082319230
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291121978
Numerator – packs per outer box	12
EAN/UPC - Case	8718291121985

Dimensional drawing

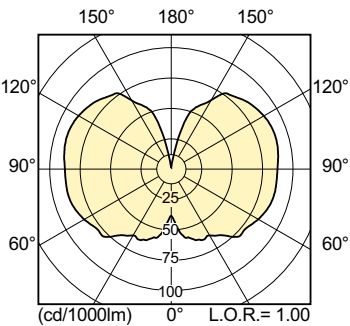


Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 250W/830 E40	47 mm	12.1 mm	157 mm	257 mm

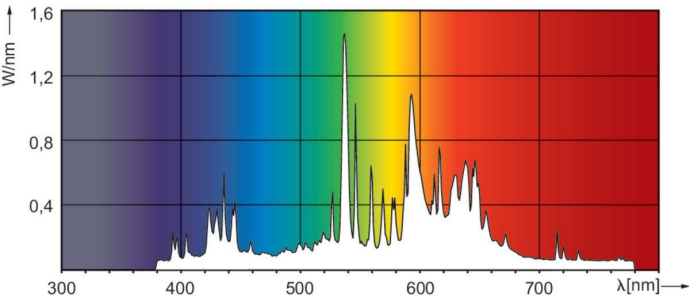
Photometric data



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



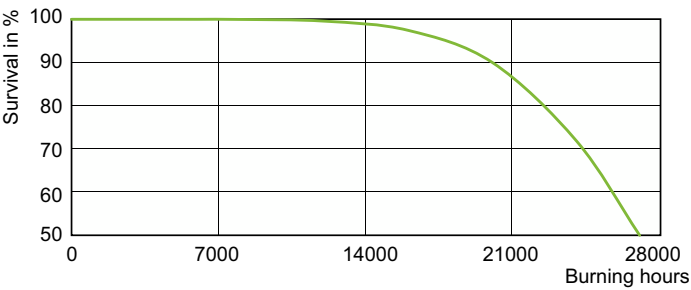
Light Distribution Diagram - MASTER CityWh CDO-TT Plus 250W/830 E40



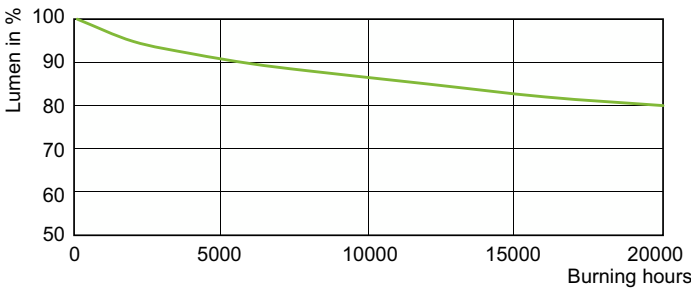
Spectral Power Distribution Colour - MASTER CityWh CDO-TT Plus 250W/830 E40

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Lifetime



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



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

