



MASTER CityWhite CDO-TT

MASTER CityWhite CDO-TT Plus 250W/940 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		Operating and Electrical	
Cap base	E40 [E40]	Power (Rated) (Nom)	250.0 W
Burning Position	UNIVERSAL [Any/Universal]	Lamp current (EM) (nom.)	3 A
Life to 10% failures (nom.)	9000 h	Ignition supply voltage (min.)	198 V
Life to 20% failures (nom.)	12000 h	Re-ignition time (min.) (max.)	900 s
Life to 50% failures (nom.)	18000 h	Ignition time (max.)	10 s
		Voltage (Max)	112 V
		Voltage (Min)	92 V
		Voltage (Nom)	102 V
Light Technical		Controls and Dimming	
Colour Code	940 [CCT of 4,000 K]	Dimmable	No
Lamp Luminous Flux (Nom)	26500 lm	Run-up time 90% (max.)	4 min
Colour Designation	Cool White (CW)		
Chromaticity coordinate X (nom.)	377	Mechanical and Housing	
Chromaticity coordinate Y (nom.)	372	Lamp Finish	Clear
Colour Temperature, horizontal (Nom)	4000 K		
Lamp Luminous Efficacy EM (Nom)	106 lm/W		
Colour Rendering Index,horiz (Nom)	90		

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Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	19.5 mg
Energy consumption kWh/1,000 hours	275 kWh

Luminaire Design Requirements

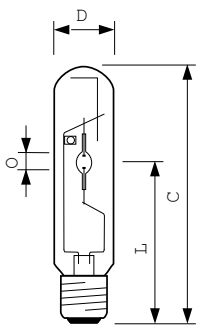
Bulb temperature (max.)	450 °C
Cap-base temperature (max.)	250 °C

Product Data

Full product code	871829120348300
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Order product name	MASTER CityWhite CDO-TT Plus 250W/940 E40
EAN/UPC – product	8718291203483
Order code	928487500191
Numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928487500191
SAP net weight (piece)	0.160 kg
ILCOS code	MT-250/940-H-E40-48/260

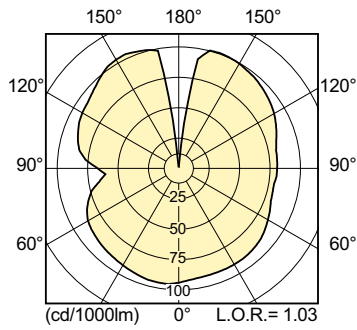
Dimensional drawing



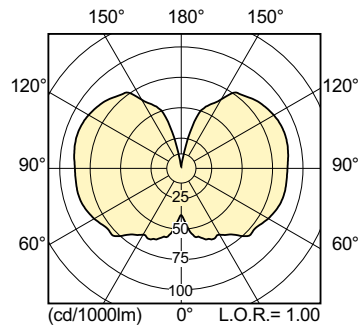
CDO-TT Plus 250W/940 E40

Product	D (max)	O	L	C (max)
MASTER CityWhite CDO-TT Plus 250W/940 E40	47 mm	12.30 mm	158 mm	255 mm

Photometric data



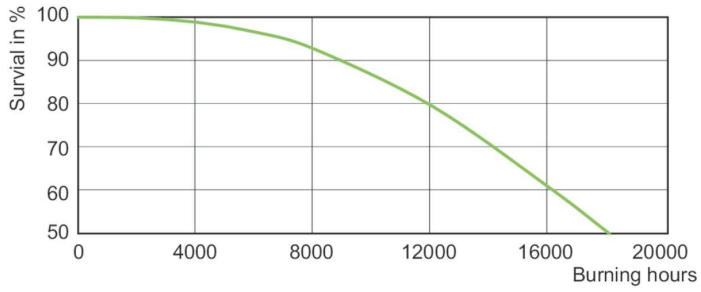
LDLD_CDO-TT_0004-Light distribution diagram



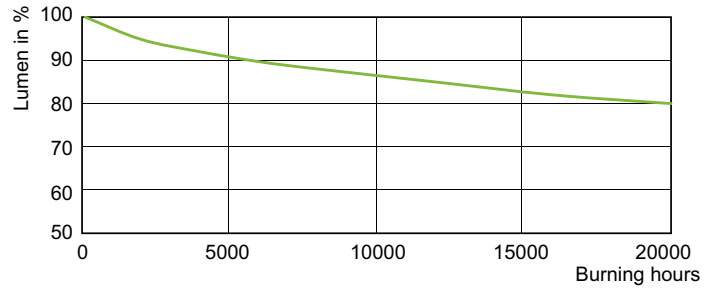
LDLD_CDO-TT_0005-Light distribution diagram

MASTER CityWhite CDO-TT

Lifetime



LDLE_CDO-TT_0003-Life expectancy diagram



LDLM_CDO-TT_0003-Lumen maintenance diagram

