



MASTER CityWhite CDO-ET

MASTER CityWhite CDO-ET Plus 70W/828 E27

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

Product data

• General Characteristics

Cap-Base	E27
Bulb	B70 [B 70mm]
Bulb Finish	Coated
Operating Position	any [Any or Universal (U)]
Life to 5% failures	9500 hr
Life to 10% failures	12000 hr
Life to 20% failures	14500 hr
Life to 50% failures	20000 hr
LSF EM 2000h Rated, 12h cycle	99 %
LSF EM 4000h Rated, 12h cycle	99 %
LSF EM 6000h Rated, 12h cycle	99 %
LSF EM 8000h Rated, 12h cycle	98 %
LSF EM 12000h Rated, 12h cycle	90 %
LSF EM 16000h Rated, 12h cycle	74 %
LSF EM 20000h Rated, 12h cycle	50 %

• Light Technical Characteristics

Color Code	828 [CCT of 2800K]
Color Rendering Index	87 Ra8
Color Designation (text)	Warm White
Color Temperature	2900 K
Color Temperature Technical	2900 K
Luminous Flux EM 25°C, Rated	7230 Lm

Lum Efficacy Rated EM 25°C	101 Lm/W
LLMF EM 2000h Rated	95 %
LLMF EM 4000h Rated	90 %
LLMF EM 6000h Rated	86 %
LLMF EM 8000h Rated	83 %
LLMF EM 12000h Rated	78 %
LLMF EM 16000h Rated	74 %
LLMF EM 20000h Rated	71 %
Chromaticity Coordinate X	438 -
Chromaticity Coordinate Y	398 -

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	70.0 W
Lamp Wattage EM 25°C, Rated	72.0 W
Lamp Voltage	88 V
Lamp Current EM	0.98 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Dimmable	Yes
Re-ignition Time [sec]	720 (max) s
Ratio scotopic/photopic lumens	1.30 -

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	6.8 mg
Energy consumption kWh/1000h	79 kWh

• UV-related Characteristics

PET (NIOSH)	8 (min) h500lx
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• Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	350 (max) C

• Product Dimensions

Overall Length C	156 (max) mm
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Diameter D	71 (max) mm
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• Product Data

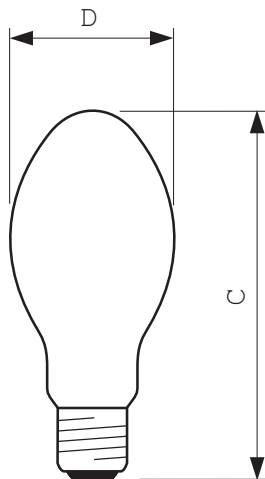
Order code	928154708835
Full product code	928154708835
Full product name	MASTER CityWhite CDO-ET Plus 70W/828 E27
Order product name	MASTER CityWh CDO-ET Plus 70W/828 E27
Pieces per pack	1
Packing configuration	24
Packs per outerbox	24
Bar code on pack - EAN1	8718291158752
Bar code on outerbox - EAN3	8718291158769
Logistic code(s) - 12NC	928154708835
ILCOS code	ME70/28/1B-H-E27
Net weight per piece	0.051 kg

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

Dimensional drawing

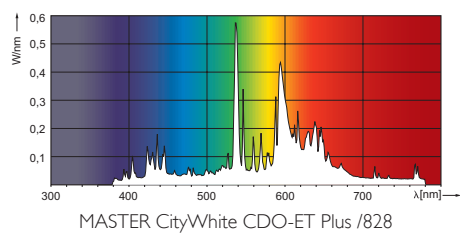


E27

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Product	C (Max)	D (Max)
CDO-ET Plus 70W/828 E27	156	71

Photometric data



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2014, February 7
data subject to change