



The easiest switch to comfortable white light

MASTER CityWhite CDO-TT

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

Benefits

- White warm colour impression providing comfort and safety
- Easy upgrade from SON to white light without additional cost
- Flexible light levels and reduced energy consumption possible via dimming option

Features

- High-quality white light
- Directly retrofit on HPS (SON/NAV) installations for upgrade from yellow to white light
- "Plus" concept with high efficacy translates into high light output and improved lumen maintenance
- Good colour rendering and harmonized warm white colour temperature
- Dimmable

Application

- Beautification and functional lighting for City centers, shopping centers and pedestrian areas, residential areas, road lighting and floodlighting

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)

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Versions



MASTER CityWhite CDO-TT Plus 70W E27

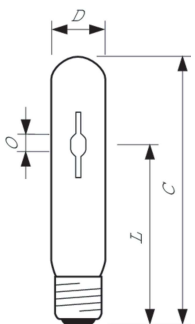
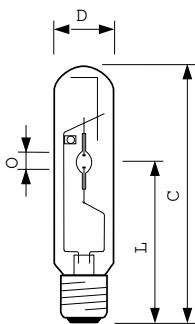


LPPR CDO-TT 0002



LPPR CDO-TT 0004

Dimensional drawing



Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 150W/828 E40	47 mm	10 mm	132 mm	211 mm
MASTER CityWh CDO-TT Plus 150W/942 E40	46 mm	10 mm	132 mm	211 mm

Product	D (max)	O	L	C (max)
MASTER CityWh CDO-TT Plus 70W/828 E27	36 mm	7.15 mm	102 mm	156 mm
MASTER CityWh CDO-TT Plus 70W/942 E27	36 mm	7.75 mm	102 mm	156 mm

General Information	
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear

General Information

MASTER CityWhite CDO-TT

Order Code	Full Product Name	Cap-Base
928082619230	MASTER CityWh CDO-TT Plus 70W/942 E27	E27
928082519230	MASTER CityWh CDO-TT Plus 150W/942 E40	E40

Order Code	Full Product Name	Cap-Base
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	E27
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	E40

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			index (CRI)	(rated) (Nom)	
928082619230	MASTER CityWh CDO-TT Plus 70W/942 E27	0.371	0.366	Cool White (CW)	4200 K	90	101 lm/W	7,500 lm
928082519230	MASTER CityWh CDO-TT Plus 150W/942 E40	0.371	0.366	Cool White (CW)	4200 K	91	107 lm/W	16,100 lm
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	0.447	0.4	Warm White (WW)	2800 K	86	105 lm/W	7,750 lm
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	0.447	0.4	Warm White (WW)	2800 K	87	110 lm/W	16,400 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928082619230	MASTER CityWh CDO-TT Plus 70W/942 E27	96 V	74.0 W
928082519230	MASTER CityWh CDO-TT Plus 150W/942 E40	97 V	150.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	91 V	73.5 W
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	99 V	148.5 W

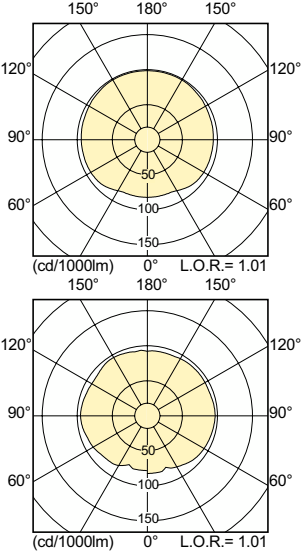
Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928082619230	MASTER CityWh CDO-TT Plus 70W/942 E27	T35
928082519230	MASTER CityWh CDO-TT Plus 150W/942 E40	T46

Order Code	Full Product Name	Bulb Shape
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	T35
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	T46

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928082619230	MASTER CityWh CDO-TT Plus 70W/942 E27	74 kWh	6.6 mg	6.6 mg
928082519230	MASTER CityWh CDO-TT Plus 150W/942 E40	150 kWh	13 mg	12.6 mg
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	74 kWh	7.8 mg	7.8 mg
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	149 kWh	15.8 mg	15.8 mg



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