



The easiest switch to comfortable white light

MASTER CityWhite CDO-ET

Ceramic metal halide lamp, with opalized ovoid 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

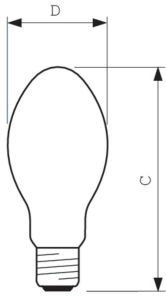


LPPR CDO-ET E27



LPPR CDO-ET E40

Dimensional drawing



Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 150W/828 E40	91 mm	227 mm
MASTER CityWh CDO-ET Plus 70W/828 E27	71 mm	156 mm

General Information	
Operating position	UNIVERSAL
Light Technical	
Chromaticity Coordinate X (Nom)	0.447
Chromaticity Coordinate Y (Nom)	0.4
Colour designation	Warm White (WW)
Correlated Colour Temperature	2800 K
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Coated glass

General Information

Order Code	Full Product Name	Cap base
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	E27

Order Code	Full Product Name	Cap base
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	E40

Light Technical

MASTER CityWhite CDO-ET

Order Code	Full Product Name	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	84	99 lm/W	7,030 lm

Order Code	Full Product Name	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	85	108 lm/W	15,400 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	83 V	71.0 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	89 V	143.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb shape
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	B70

Order Code	Full Product Name	Bulb shape
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	BD90

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	71 kWh	7.8 mg	7.8 mg
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	143 kWh	15.8 mg	15.8 mg

