



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
- $\boldsymbol{\cdot}$ 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

- \cdot 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)

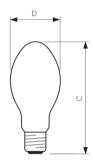
MASTER CityWhite CDO-ET

Versions





Dimensional drawing



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 (Nom)	2800 K
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	

Product	D (max)	C (max)
MASTER CityWh CDO-ET Plus 100W/828 E40	76 mm	186 mm
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

Lamp Finish

Order Code	Full Product Name	Cap base
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	E27
15877600	MASTER CityWhite CDO-ET Plus 100W/828 E40	E40

Coated glass

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
15877600	MASTER CityWhite CDO-ET Plus 100W/828 E40	87	99 lm/W	9,400 lm

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

Operating and Electrical

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
15875200	MASTER CityWhite CDO-ET Plus	83 V	71.0 W
	70W/828 E27		
15877600	MASTER CityWhite CDO-ET Plus	90 V	95.0 W
	100W/828 E40		

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

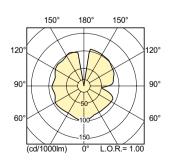
Mechanical and Housing

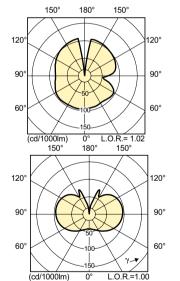
Order Code	Full Product Name	Bulb shape
15875200	MASTER CityWhite CDO-ET Plus 70W/828 E27	B70
15877600	MASTER CityWhite CDO-ET Plus 100W/828 E40	B75

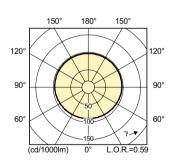
Order Code	Full Product Name	Bulb shape
15881300	MASTER CityWhite CDO-ET Plus 150W/828 E40	BD90

Approval and Application

		Energy	Mercury (Hg)	Mercury (Hg)
		consumption	content	content
Order Code	Full Product Name	kWh/1,000 hours	(max.)	(nom.)
15875200	MASTER CityWhite	71 kWh	7.8 mg	7.8 mg
	CDO-ET Plus 70W/828			
	E27			
15877600	MASTER CityWhite	95 kWh	12 mg	11.6 mg
	CDO-ET Plus 100W/828			
	E40			
15881300	MASTER CityWhite	143 kWh	15.8 mg	15.8 mg
	CDO-ET Plus 150W/828			
	E40			







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