



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
- $\boldsymbol{\cdot}$ 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

- · 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-TT

Versions

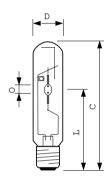


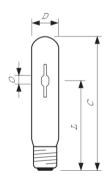




LPPR CDO-TT 0002

Dimensional drawing





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

General Information

Product	D (max)	0	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)	0	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

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

928082619230 MASTER CityWh CDO-TT Plus 0.371 0.366 Cool White (CW) 4200 K 70W/942 E27		,
928082619230 MASTER CityWh CDO-TT Plus 0.371 0.366 Cool White (CW) 4200 K 70W/942 E27 928082519230 MASTER CityWh CDO-TT Plus 0.371 0.366 Cool White (CW) 4200 K 150W/942 E40		` '
70W/942 E27 928082519230 MASTER CityWh CDO-TT Plus 0.371 0.366 Cool White (CW) 4200 K 150W/942 E40	90 101 lm/V	V 7 500 lm
928082519230 MASTER CityWh CDO-TT Plus 0.371 0.366 Cool White (CW) 4200 K 150W/942 E40		v 7,500 tm
150W/942 E40		
	91 107 lm/V	W 16,100 lm
928082019235 MASTER CityWh CDO-TT Plus		
	86 105 lm/\	W 7,750 lm
70W/828 E27		
928082219231 MASTER CityWh CDO-TT Plus 0.447 0.4 Warm White (WW) 2800 K	87 110 lm/V	N 16,400 lm
150W/828 E40		

Operating and Electrical

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

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

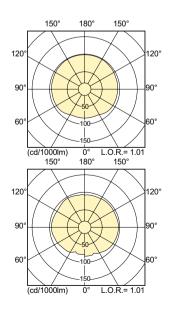
Mechanical and Housing

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

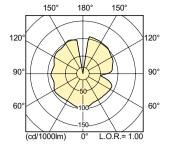
Order Code	Full Product Name	Bulb Shape
928082019235	MASTER CityWh CDO-TT Plus 70W/828 E27	T35
928082219231	MASTER CityWh CDO-TT Plus 150W/828 E40	T46

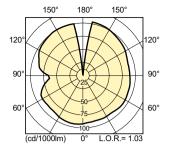
Approval and Application

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



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