Product Description

MASTERColour CDM-T Elite

Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

Benefits

- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for ‘enhancing merchandize’
- Excellent colour quality, which remains stable over lifetime
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV Block for reduced fading risk of merchandise

Features

- Crisp white light
- Excellent colour rendering (Ra 90)
- Reliable lifetime performance
- Stable colour performance during lifetime
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
- CDM Elite-T 35W: vertical +/- 60 degrees
- CDM Elite-T 70W: universal

Application

- Accent and display lighting with a sparkling effect, excellent solution for Retail
- Decorative outdoor floodlighting

Warnings and Safety

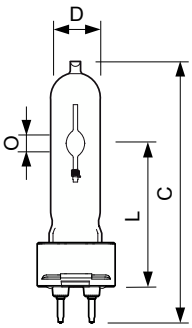
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear. 35W & 70W lamps may also use electromagnetic gear.
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions

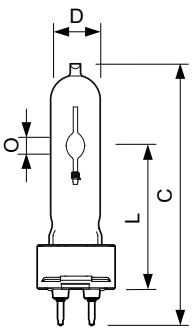
LPPR CDM-T 0005

MASTERColour CDM-T Elite

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 20W/830 G12 1CT/12	20 mm		4 mm	55 mm	57 mm	56 mm	103 mm



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 35W/930 G12 1CT/12	20 mm	4.8 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 35W/930 G12 1CT/12	20 mm	4.8 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 35W/942 G12 1CT	20 mm	5.2 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 35W/942 G12 1CT	20 mm	5.2 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 50W/930 G12 1CT/12	20 mm	6 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 50W/942 G12 1CT	20 mm	7.1 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 70W/930 G12 1CT/12	20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 70W/930 G12 1CT/12	20 mm	7.15 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 70W/942 G12 1CT	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T Elite 70W/942 G12 1CT	20 mm	7.75 mm	55 mm	57 mm	56 mm	103 mm

General Information	
Cap-Base	G12
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

Light Technical

MASTERColour CDM-T Elite

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	84	90 lm/W	1,800 lm
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	0.435	0.395	Warm White (WW)	3000 K	90	98 lm/W	-
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	98 lm/W	4,050 lm
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	0.366	0.364	Cool White (CW)	4200 K	90	98 lm/W	-
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	0.371	0.366	Cool White (CW)	4200 K	90	98 lm/W	3,850 lm
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	0.435	0.396	Warm White (WW)	3000 K	90	103 lm/W	-
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	103 lm/W	7,800 lm
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	0.362	0.363	Cool White (CW)	4200 K	90	100 lm/W	-
928193705131	MASTERC CDM-T Elite 70W/942 G12 1CT	0.371	0.366	Cool White (CW)	4200 K	90	100 lm/W	7,500 lm
928080015131	MASTERC CDM-T Elite 50W/942 G12 1CT	0.371	0.366	Cool White (CW)	4200 K	90	100 lm/W	5,000 lm
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	108 lm/W	5,450 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	95 V	20.1 W
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W
928193705131	MASTERC CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W
928080015131	MASTERC CDM-T Elite 50W/942 G12 1CT	91 V	50.2 W
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	90 V	50.2 W

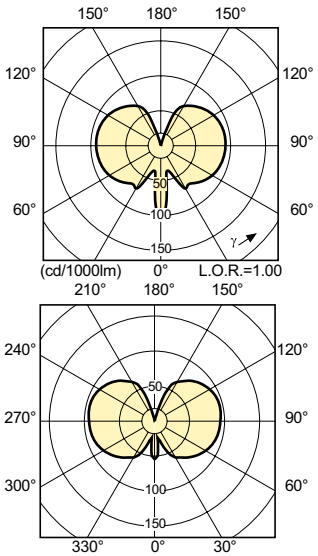
Approval and Application

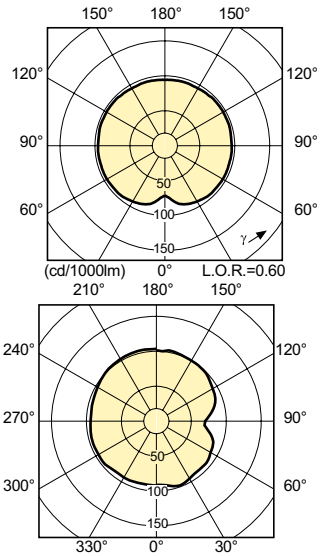
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928183305125	MASTERC CDM-T Elite 20W/830 G12 1CT/12	21 kWh	3.5 mg	3.5 mg

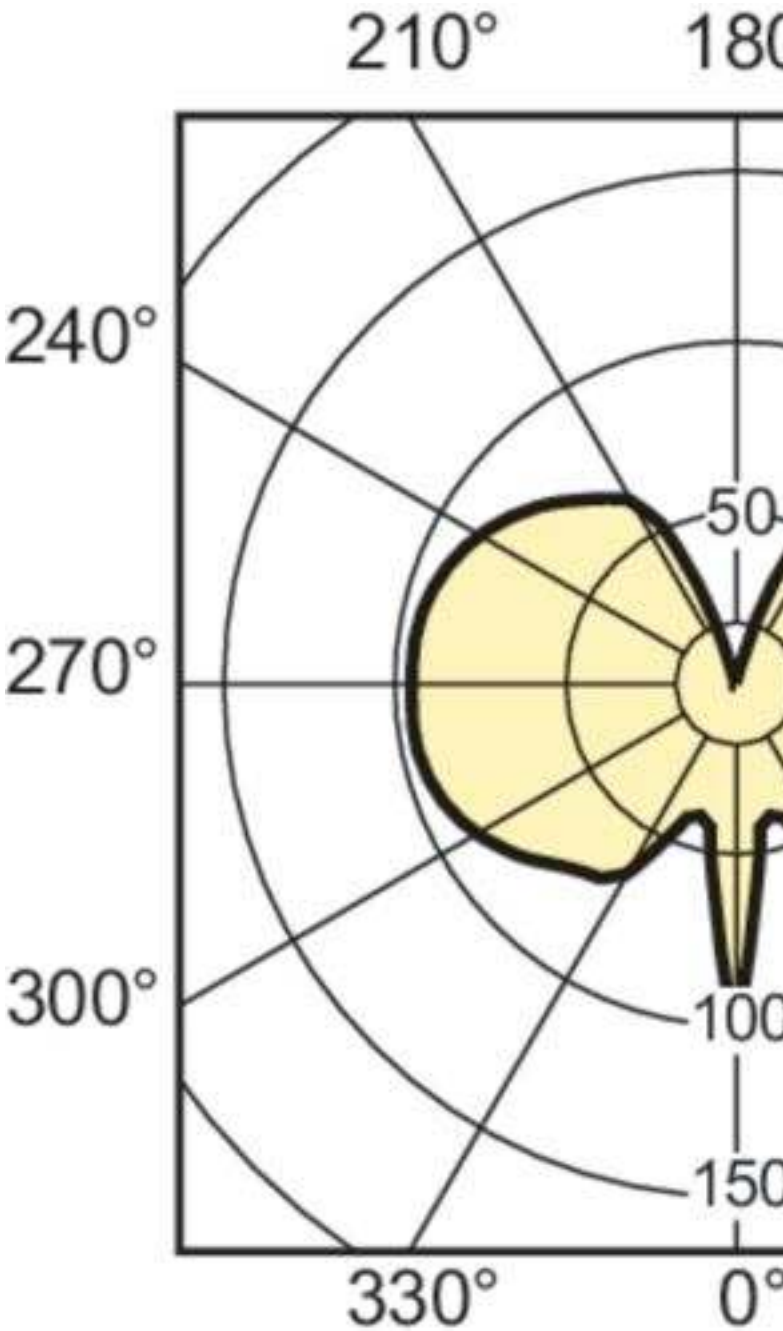
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928185205129	MASTERC CDM-T Elite 35W/930 G12 1CT/12	43 kWh	-	4.7 mg

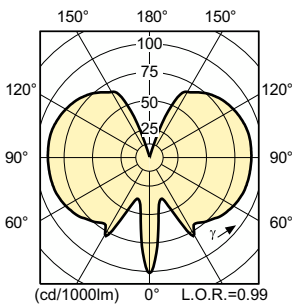
MASTERColour CDM-T Elite

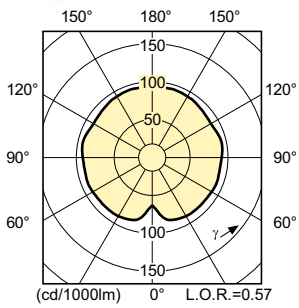
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928185205131	MASTERC CDM-T Elite 35W/930 G12 1CT/12	40 kWh	4.7 mg	4.7 mg
928193605129	MASTERC CDM-T Elite 35W/942 G12 1CT	43 kWh	-	4.9 mg
928193605131	MASTERC CDM-T Elite 35W/942 G12 1CT	40 kWh	4.9 mg	4.9 mg
928185305129	MASTERC CDM-T Elite 70W/930 G12 1CT/12	80 kWh	-	6.6 mg
928185305131	MASTERC CDM-T Elite 70W/930 G12 1CT/12	74 kWh	6.6 mg	6.6 mg
928193705129	MASTERC CDM-T Elite 70W/942 G12 1CT	80 kWh	-	6.6 mg
928193705131	MASTERC CDM-T Elite 70W/942 G12 1CT	74 kWh	6.6 mg	6.6 mg
928080015131	MASTERC CDM-T Elite 50W/942 G12 1CT	51 kWh	5.7 mg	5.7 mg
928191705131	MASTERC CDM-T Elite 50W/930 G12 1CT/12	51 kWh	6.6 mg	6.6 mg











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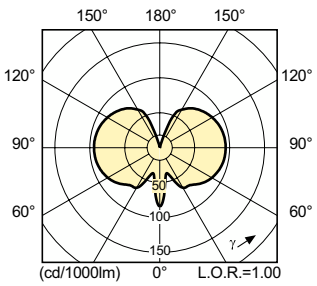

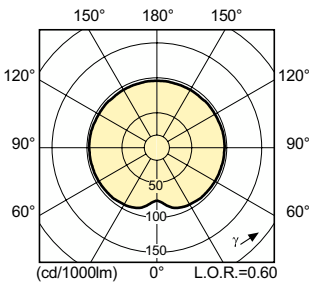

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