



Perfect sparkle, unrivalled efficiency

MASTERColour CDM-T Elite

Single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color and lumen output over life keeps your store attractive season after season
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life

Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable color performance over lifetime
- UV-blocking glass

Application

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

MASTERCoulour CDM-T Elite

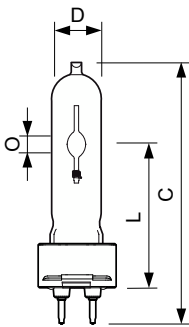
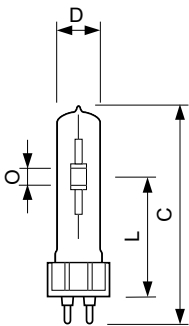
Warnings and Safety

- 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



Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T Elite 150W/930	20 mm	9 mm	55 mm	57 mm	56 mm	110 mm
G12 1CT/12						

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

MASTERColour CDM-T Elite

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

General Information

Order Code	Full Product Name	Operating Position	Order Code	Full Product Name	Operating Position
21312915	MASTERC CDM-T ELITE 150W/930 G12 1CT/12	P10	48455500	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	UNIVERSAL
48451700	MASTERColour CDM-T Elite 35W/930 G12 1CT/12	UNIVERSAL	91141100	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	UNIVERSAL
91137400	MasterC CDM-T Elite 35W/930 G12 1CT/12	UNIVERSAL	48457900	MASTERColour CDM-T Elite 70W/942 G12 1CT	UNIVERSAL
48453100	MASTERColour CDM-T Elite 35W/942 G12 1CT	UNIVERSAL	93060300	MASTERColour CDM-T Elite 50W/930 G12 1CT/12	UNIVERSAL

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color	Luminous Efficacy	Luminous
		Coordinate X	Coordinate Y		Temperature	rendering		
		(Nom)	(Nom)		(Nom)	index (CRI)	(rated) (Nom)	Flux
21312915	MASTERC CDM-T ELITE 150W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	92	98 lm/W	14,600 lm
48451700	MASTERColour CDM-T Elite 35W/930 G12 1CT/12	0.435	0.395	Warm White (WW)	3000 K	90	98 lm/W	-
91137400	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
48453100	MASTERColour CDM-T Elite 35W/942 G12 1CT	0.366	0.364	Cool White (CW)	4200 K	90	98 lm/W	-
48455500	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	0.435	0.396	Warm White (WW)	3000 K	90	103 lm/W	-
91141100	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	103 lm/W	7,800 lm
48457900	MASTERColour CDM-T Elite 70W/942 G12 1CT	0.362	0.363	Cool White (CW)	4200 K	90	100 lm/W	-
93060300	MASTERColour 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	Power	Order Code	Full Product Name	Voltage	Power
		(Nom)	Consumption			(Nom)	Consumption
21312915	MASTERC CDM-T ELITE 150W/930 G12 1CT/12	92 V	150.1 W	48455500	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W
48451700	MASTERColour CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W	91141100	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W
91137400	MasterC CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W	48457900	MASTERColour CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W
48453100	MASTERColour CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W	93060300	MASTERColour 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)
21312915	MASTERC CDM-T ELITE 150W/930 G12 1CT/12	151 kWh	9.5 mg	9.5 mg
48451700	MASTERColour CDM-T Elite 35W/930 G12 1CT/12	43 kWh	-	4.7 mg
91137400	MasterC CDM-T Elite 35W/930 G12 1CT/12	40 kWh	4.7 mg	4.7 mg
48453100	MASTERColour CDM-T Elite 35W/942 G12 1CT	43 kWh	-	4.9 mg
48455500	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	80 kWh	-	6.6 mg
91141100	MASTERColour CDM-T Elite 70W/930 G12 1CT/12	74 kWh	6.6 mg	6.6 mg
48457900	MASTERColour CDM-T Elite 70W/942 G12 1CT	80 kWh	-	6.6 mg
93060300	MASTERColour CDM-T Elite 50W/930 G12 1CT/12	51 kWh	6.6 mg	6.6 mg

