



# 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

# MASTERC colour CDM-T Elite

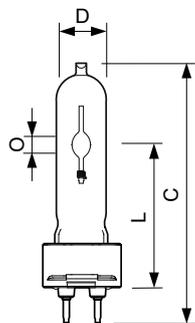
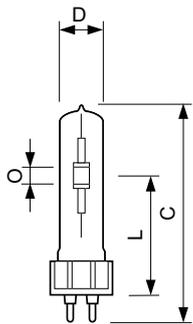
## Warnings and Safety

- 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 G12 1CT/12	20 mm	9 mm	55 mm	57 mm	56 mm	110 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 50W/930 G12 1CT/12	20 mm	6 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

# MASTERCcolour 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	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	UNIVERSAL
48451700	MASTERCcolour CDM-T Elite 35W/930 G12 1CT/12	UNIVERSAL	91141100	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	UNIVERSAL
91137400	MasterC CDM-T Elite 35W/930 G12 1CT/12	UNIVERSAL	48457900	MASTERCcolour CDM-T Elite 70W/942 G12 1CT	UNIVERSAL
48453100	MASTERCcolour CDM-T Elite 35W/942 G12 1CT	UNIVERSAL	93060300	MASTERCcolour 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 (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	rendering index (CRI)		
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	MASTERCcolour 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	MASTERCcolour CDM-T Elite 35W/942 G12 1CT	0.366	0.364	Cool White (CW)	4200 K	90	98 lm/W	-
48455500	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	0.435	0.396	Warm White (WW)	3000 K	90	103 lm/W	-
91141100	MASTERCcolour 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	MASTERCcolour CDM-T Elite 70W/942 G12 1CT	0.362	0.363	Cool White (CW)	4200 K	90	100 lm/W	-
93060300	MASTERCcolour CDM-T Elite 50W/930 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	90	108 lm/W	5,450 lm

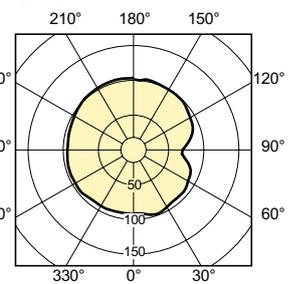
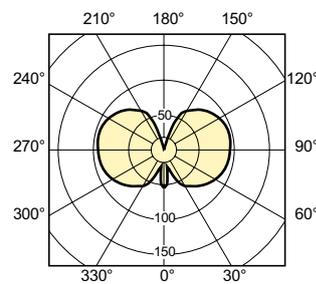
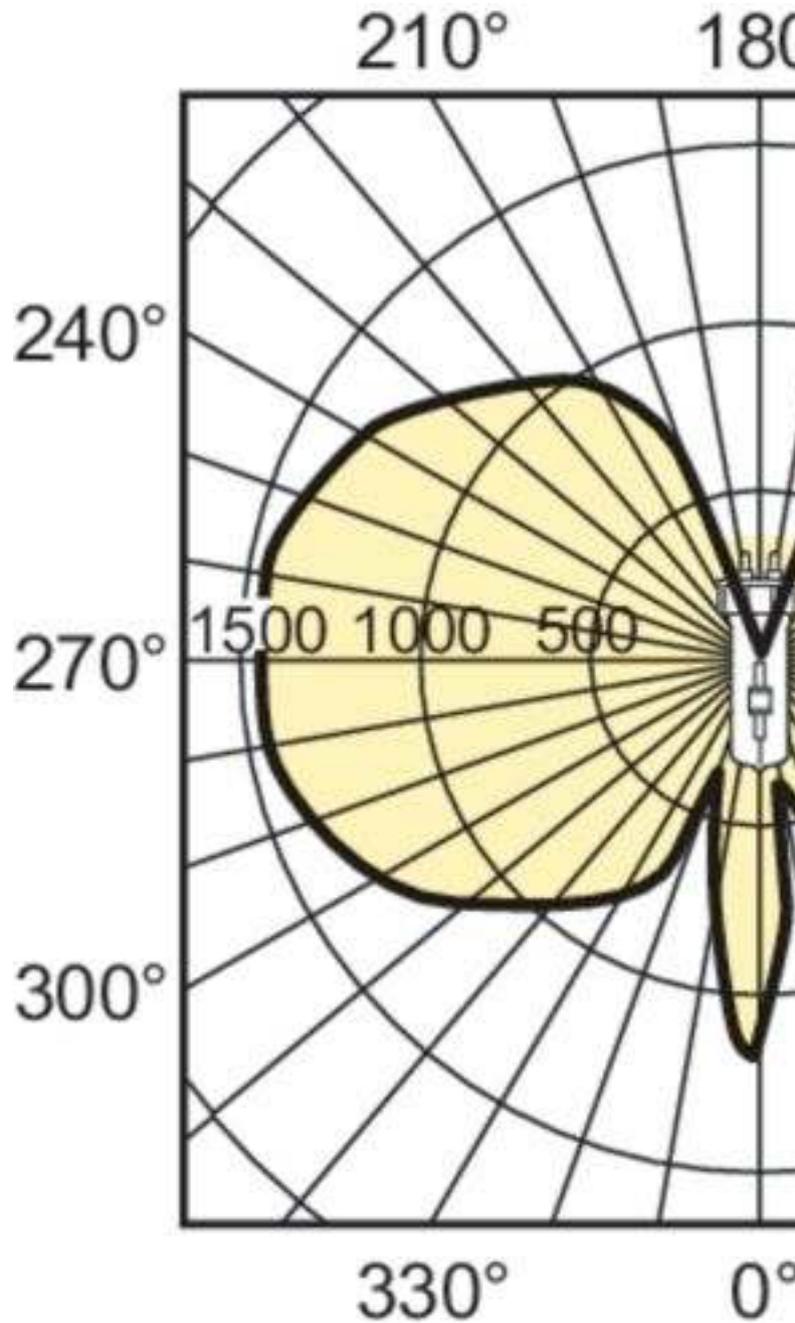
## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21312915	MASTERC CDM-T ELITE 150W/930 G12 1CT/12	92 V	150.1 W	48455500	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	85 V	73.2 W
48451700	MASTERCcolour CDM-T Elite 35W/930 G12 1CT/12	85 V	39.1 W	91141100	MASTERCcolour 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	MASTERCcolour CDM-T Elite 70W/942 G12 1CT	87 V	73.2 W
48453100	MASTERCcolour CDM-T Elite 35W/942 G12 1CT	90 V	39.1 W	93060300	MASTERCcolour CDM-T Elite 50W/930 G12 1CT/12	90 V	50.2 W

# MASTERCcolour CDM-T Elite

## 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	MASTERCcolour 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	MASTERCcolour CDM-T Elite 35W/942 G12 1CT	43 kWh	-	4.9 mg
48455500	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	80 kWh	-	6.6 mg
91141100	MASTERCcolour CDM-T Elite 70W/930 G12 1CT/12	74 kWh	6.6 mg	6.6 mg
48457900	MASTERCcolour CDM-T Elite 70W/942 G12 1CT	80 kWh	-	6.6 mg
93060300	MASTERCcolour CDM-T Elite 50W/930 G12 1CT/12	51 kWh	6.6 mg	6.6 mg



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