

**PHILIPS**

Lighting



# MASTERColour CDM-TC Elite

## MASTERColour CDM-TC Elite 35W/930 G8.5 1CT/12

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

### Product data

General Information	
Cap base	G8.5 [ G8.5]
Operating position	UNIVERSAL [ Any/Universal]
Life to 5% failures (nom.)	12000 h
Life to 10% failures (nom.)	14000 h
Life to 20% failures (nom.)	16000 h
Life to 50% failures (nom.)	20000 h
ANSI code HID	C130/E
Light Technical	
Colour code	930 [ CCT of 3,000 K]
Luminous flux (rated) (min.)	3600 lm
Luminous flux (rated) (nom.)	4000 lm
Colour designation	Warm white (WW)
Lumen maintenance 12,000 hours (nom.)	78 %
Lumen maintenance 10,000 hours (nom.)	80 %
Lumen maintenance 2,000 hours (nom.)	93 %
Lumen maintenance 5,000 hours (nom.)	88 %
Chromaticity coordinate X (nom.)	0.435
Chromaticity coordinate Y (nom.)	0.396
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	102 lm/W

Color rendering index (min.)	87
Color rendering index (nom.)	90
Operating and Electrical	
Power (Rated) (Nom)	39.0 W
Lamp current run-up (max.)	1 A
Ignition supply voltage (max.)	198 V
Ignition peak voltage (max.)	5000 V
Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	30 s
Voltage (Max)	90 V
Voltage (Min)	80 V
Voltage (Nom)	85 V
Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min
Run-up time 90% (nom.)	1.5 min

# MASTERC colour CDM-TC Elite

## Mechanical and Housing

Bulb finish Clear

## Approval and Application

Energy efficiency label (EEL) A+  
 Mercury (Hg) content (nom.) 4.7 mg  
 Energy Consumption kWh/1000 h 43 kWh

## UV

PET (NIOSH) (min.) 8 h/500lx  
 Damage factor D/fc (max.) 0.3

## Luminaire Design Requirements

Bulb temperature (max.) 500 °C  
 Pinch temperature (max.) 300 °C

## Product Data

Full product code 872790091149700  
 Order product name MASTERC colour CDM-TC Elite 35W/930 G8.5 1CT/12  
 EAN/UPC – product 8727900911497  
 Order code 91149700  
 Local Code 35CDMTCELITE930  
 Numerator – quantity per pack 1  
 Numerator – packs per outer box 12  
 Material no. (12NC) 928189105131  
 Net weight (piece) 0.009 kg  
 ILCOS Code MT/UB-35/930-H-G8.5-17/85

## Warnings and Safety

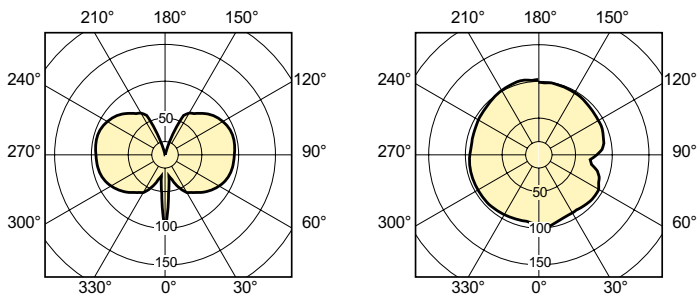
## Dimensional drawing

D

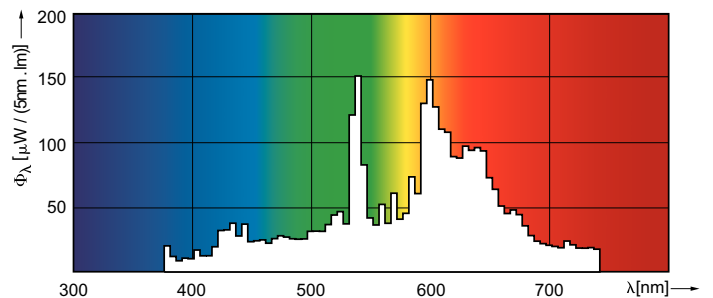
Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC colour CDM-TC Elite 35W/930 G8.5 1CT/12	15 mm	4.8 mm	51 mm	53 mm	52 mm	85 mm

## CDM-TC Elite 35W/930 G8.5

## Photometric data



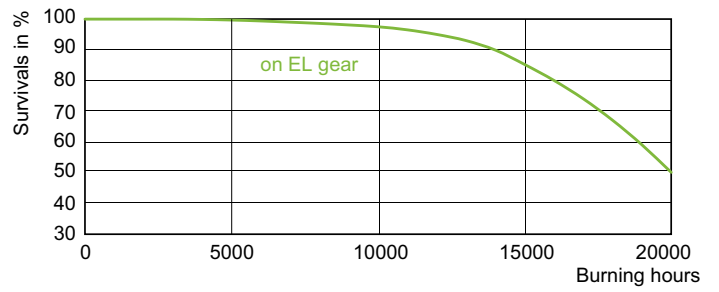
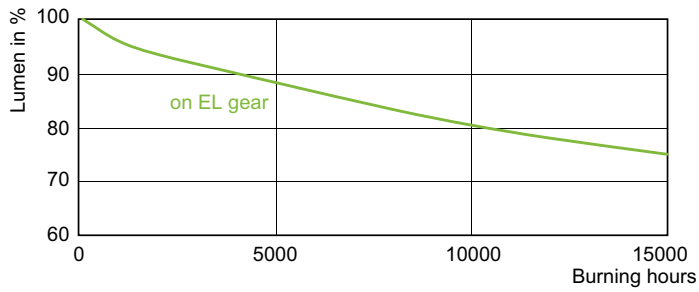
LDLD\_CDMTC-E\_0001-Light distribution diagram



LDPO\_CDMTC-E\_0001-Spectral power distribution Colour

# MASTERCcolour CDM-TC Elite

## Lifetime



LDLM\_CDMTC-E\_0001-Lumen maintenance diagram

LDLE\_CDMTC-E\_0002-Life expectancy diagram

