# **PHILIPS** Lighting



# MASTERColour CDM-TC Elite

# MASTERColour CDM-TC Elite 70W/930 G8.5 1CT/12

Compact, single-ended, very high-efficiency, long-life ceramic metal-halide discharge lamp producing crisp white sparkling light with high color rendering

#### **Product data**

General Information		Color Reno
Cap-Base	G8.5 [ G8.5]	Color Rend
Operating Position	UNIVERSAL [ Any or Universal (U)]	
Life to 5% Failures (Nom)	12000 h	Operatin
Life To 10% Failures (Nom)	14000 h	Power (No
Life to 20% Failures (Nom)	16000 h	Lamp Curr
Life to 50% Failures (Nom)	20000 h	Ignition Su
ANSI Code HID	C139/E	Ignition Pe
		Ignition Su
Light Technical		Re-Ignition
Color Code	930 [ CCT of 3000K]	Ignition Tir
Luminous Flux (Rated) (Nom)	7800 lm	Voltage (M
Color Designation	Warm White (WW)	Voltage (M
Lumen Maintenance 12000 h (Nom)	82 %	Voltage (N
Lumen Maintenance 10000 h (Nom)	83 %	
Lumen Maintenance 2000 h (Nom)	95 %	Controls
Lumen Maintenance 5000 h (Nom)	88 %	Dimmable
Chromaticity Coordinate X (Nom)	0.435	Run-Up Ti
Chromaticity Coordinate Y (Nom)	0.396	Run-Up Ti
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	107 lm/W	

Color Rendering Index (Min)	87
Color Rendering Index (Nom)	90
Operating and Electrical	
Power (Nom)	73.0 W
Lamp Current Run-Up (Max)	2 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

### MASTERColour CDM-TC Elite

Mechanical and Housing				
Bulb Finish	Clear			
Approval and Application				
Energy Efficiency Label (EEL)	A+			
Mercury (Hg) Content (Nom)	6.6 mg			
Energy Consumption kWh/1000 h	80 kWh			
UV				
Pet (Niosh) (Min)	8 h/500lx			
Damage Factor D/fc (Max)	0.3			
Luminaire Design Requirements				
Bulb Temperature (Max)	550 ℃			
Pinch Temperature (Max)	350 °C			

Product Data	
Full product code	872790091153400
Order product name	MASTERColour CDM-TC Elite 70W/930 G8.5
	1CT/12
EAN/UPC - Product	8727900911534
Order code	928189505131
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928189505131
Net Weight (Piece)	0.010 kg
ILCOS Code	MT/UB-70/930-H-G8.5-17/85

#### Warnings and Safety

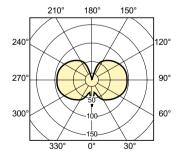
#### **Dimensional drawing**

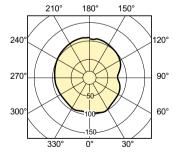
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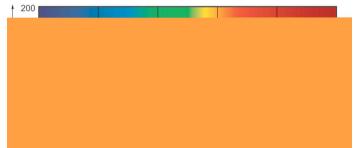
Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC	15 mm	7.15	51 mm	53 mm	52 mm	85 mm
Elite 70W/930 G8.5 1CT/12		mm				

#### CDM-TC Elite 70W/930 G8.5

#### Photometric data







## MASTERColour CDM-TC Elite

Lifetime





10000

15000

20000 Burning hours

5000

LDLE\_CDMTC-E\_0002-Life expectancy diagram

40 30 0



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