



MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 70W/942 G8.5 1CT

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

Warnings and Safety

- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- \cdot The luminaire must be able to contain hot lamp parts if the lamp ruptures
- \cdot Use only with electronic control 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.

Product data

General information					
Cap base	G8.5 [G8.5]				
Operating position	UNIVERSAL [Any or Universal (U)]				
	Sphere				
Brand	Philips				
Light technical					
Colour Code	942 [CCT of 4200K]				
Luminous Flux	7,450 lm				
Colour designation	Cool White (CW)				
Chromaticity coordinate X (nom.)	0.371				
Chromaticity coordinate Y (nom.)	0.366				
Correlated Colour Temperature	4200 K				
Luminous Efficacy (rated) (Nom)	102 lm/W				

Colour rendering index (CRI)	92	
Operating and electrical		
Power Consumption	73.2 W	
Voltage (nom.)	88 V	
Voltage (nom.)	88 V	
Mechanical and housing		
Lamp Finish	Clear	
Bulb shape	T14 [T 14 mm]	
Approval and application		
Mercury (Hg) content (max.)	6.6 mg	
Mercury (Hg) content (nom.)	6.6 mg	
Energy consumption kWh/1,000 hours	74 kWh	

Datasheet, 2023, April 14 data subject to change

MASTERColour CDM-TC Elite

	473,275
Product data	
Full EOC	871829116368800
Order product name	MASTERC CDM-TC Elite 70W/942 G8.5 1CT
Order code	16368800
Local order code	70CDMTCELITE942
SAP numerator – quantity per pack	1

Numerator – packs per outer box	12
Material number (12NC)	928193905131
Net weight	0.009 kg
Full product name	MASTERColour CDM-TC Elite 70W/942 G8.5 1CT
EAN/UPC - Case	8718291163695

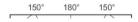
Dimensional drawing

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Product	D (max)	0	L (min)	L (max)	L	C (max)
MASTERC CDM-TC Elite	15 mm	7.75 mm	51 mm	53 mm	52 mm	85 mm
70W/942 G8.5 1CT						

Photometric data





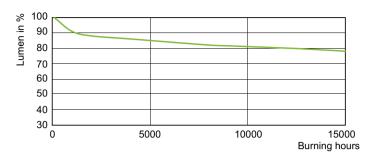


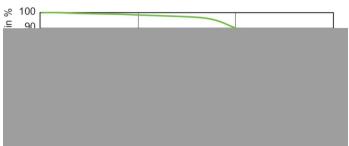
Spectral Power Distribution Colour - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Light Distribution Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

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Lifetime





Lumen Maintenance Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT

Life Expectancy Diagram - MASTERC CDM-TC Elite 70W/942 G8.5 1CT



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