PHILIPS

Lighting

MASTERColour CDM TC Elite

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

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

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- $\boldsymbol{\cdot}$ 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		Color Designation	Warm White (WW)
Cap-Base	G8 .5 [G8.5]	Lumen Maintenance 12000 h (Nom)	82 %
Operating Position	UNIVERSAL [Any or Universal (U)]	Lumen Maintenance 10000 h (Nom)	83 %
Life to 5% Failures (Nom)	12000 h	Lumen Maintenance 2000 h (Nom)	95 %
Life To 10% Failures (Nom)	14000 h	Lumen Maintenance 5000 h (Nom)	88 %
Life to 20% Failures (Nom)	16000 h	Chromaticity Coordinate X (Nom)	0.435
Life to 50% Failures (Nom)	20000 h	Chromaticity Coordinate Y (Nom)	0.396
ANSI Code HID	C139/E	Correlated Color Temperature (Nom)) 3000 K
		Luminous Efficacy (rated) (Nom)	107 lm/W
Light Technical		Color Rendering Index (Min)	87
Color Code	930 [CCT of 3000K]	Color Rendering Index (Nom)	90
Luminous Flux (Rated) (Nom)	7800 lm		

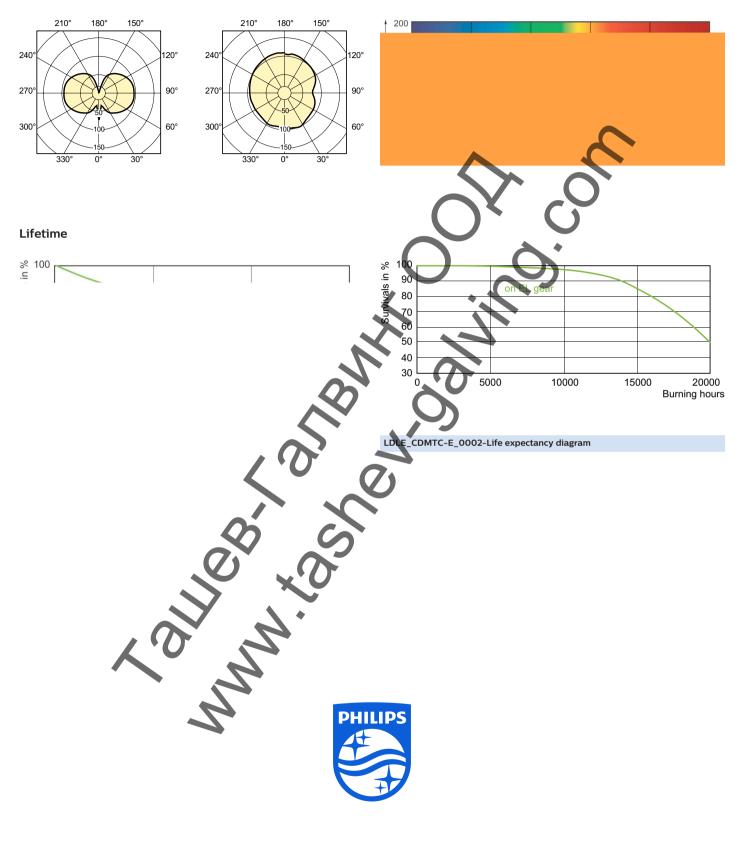
Datasheet, 2021, January 5

MASTERColour CDM-TC Elite

Operating and Electrical Energy Consumption KWh/1000 h 80 kWh Power (Nom) 73.2 W Image Consumption KWh/1000 h 80 kWh Lamp Current Run-Up (Max) 2 A UV Pet (Nicosh) (Min) 8 h/5001x Ignition Supply Voltage (Max) 198 V Pet (Nicosh) (Min) 8 h/5001x Damage Factor D/fc (Max) 0.3 Ignition Supply Voltage (Max) 198 V Pet (Nicosh) (Min) 8 h/5001x Damage Factor D/fc (Max) 0.3 Ignition Time (Min) (Max) 15 min Luminaire Design Requirements Bulb Temperature (Max) 550 °C Voltage (Nom) 80 V 90 V Product Data Full product code 87279003/16340h Controls and Dimming Controls and Dimming Cr/fc Full product code 87278003/16340h Run-Up Time 90% (Nom) 15 min Cr/fc 82189206131 Nume factor - Obstity Per Pack Nume factor - Obstity Per Pack Machanical and Housing Bulb Finish Clear 92189205131 Nume factor - Obstity Per Pack Nume factor - Obstity Per Pack Nume factor - Obstity Per Pack Nume factor - Obsty Per O//930-H-C68.5 Dimensio	
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MASTERColour CDM-TC Elite

Photometric data



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