

PHILIPS

Lighting



MASTERColour CDM-TC Elite

MASTERColour CDM-TC Elite 35W/942 G8.5 1CT

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.)	9000 h
Life to 10% failures (nom.)	10000 h
Life to 20% failures (nom.)	12000 h
Life to 50% failures (nom.)	15000 h
ANSI code HID	-

Light Technical	
Colour code	942 [CCT of 4,200 K]
Luminous flux (rated) (min.)	3420 lm
Luminous flux (rated) (nom.)	3800 lm
Colour designation	Cool White (CW)
Lumen maintenance 12,000 hours (nom.)	71 %
Lumen maintenance 10,000 hours (nom.)	73 %
Lumen maintenance 2,000 hours (nom.)	84 %
Lumen maintenance 5,000 hours (nom.)	79 %
Chromaticity coordinate X (nom.)	0.371
Chromaticity coordinate Y (nom.)	0.366
Correlated Colour Temperature (Nom)	4200 K
Luminous efficacy (rated) (nom.)	97 lm/W
Color rendering index (min.)	87

Color rendering index (nom.)	90
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Operating and Electrical	
Power (Rated) (Nom)	39.0 W
Ignition supply voltage (min.)	198 V
Re-ignition time (min.) (max.)	15 min
Ignition time (max.)	30 s
Voltage (Max)	97 V
Voltage (Min)	85 V
Voltage (Nom)	91 V

Controls and Dimming	
Dimmable	no
Run-up time 90% (max.)	3 min

Mechanical and Housing	
Bulb finish	Clear

Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	4.9 mg
Energy Consumption kWh/1000 h	43 kWh

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Lifetime

