



Ultimate sparkle, unbeatable value

MASTERColour CDM-TC Evolution

Single-ended, highest-efficiency, longest-life Ceramic Metal Halide discharge lamp
producing crisp white sparkling light with high colour rendering

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable colour and lumen output over life keeps your store attractive season after season
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life

Features

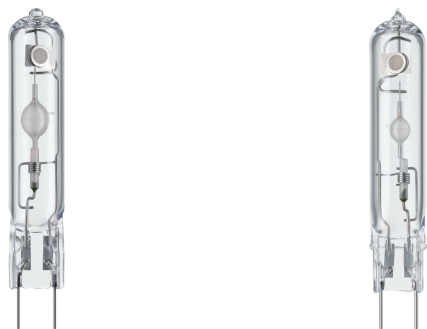
- Crisp white sparkling light
- Excellent colour rendering, with extra red
- High efficacy with unrivalled lumen maintenance
- Stable colour performance over lifetime
- Clean beam

Application

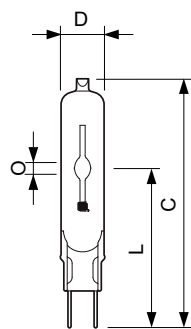
- Accent and display lighting in retail
- General and decorative indoor lighting

MASTERColour CDM-TC Evolution

Versions



Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC Evolution 35W/930 G8.5	15 mm	5.5 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Evolution 20W/930 G8.5	15 mm	3.6 mm	51 mm	53 mm	52 mm	85 mm

MASTERColour CDM-TC Evolution

Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	no
Operating and Electrical	
Re-Ignition Time (Min) (Max)	15 min
General Information	
Cap-Base	G8.5
Life To 10% Failures (Nom)	18000 h
Life To 20% Failures (Nom)	20000 h
Life To 50% Failures (Nom)	25000 h
Life To 5% Failures (Nom)	16000 h
Operating Position	UNIVERSAL
Light Technical	
Colour Code	930
Colour Designation	Warm white (WW)
Correlated Colour Temperature (Nom)	3000 K
Colour Rendering Index (Min)	87
Colour Rendering Index (Nom)	90
Mechanical and Housing	
Bulb Finish	Clear (CL)
Bulb Shape	T14

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/	Mercury (Hg) Content
		1000 h	(Nom)
65125300	MASTERColour CDM-TC Evolution 35W/930 G8.5	43 kWh	4.7 mg
65920400	MASTERColour CDM-TC Evolution 20W/930 G8.5	22 kWh	3.0 mg

Operating and Electrical

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
65125300	MASTERColour CDM-TC Evolution 35W/930 G8.5	102 V	92 V	97 V	39.0 W

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated) (Nom)
65920400	MASTERColour CDM-TC Evolution 20W/930 G8.5	110 V	100 V	105 V	20 W

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
65125300	MASTERColour CDM-TC Evolution 35W/930 G8.5	500 °C

Order Code	Full Product Name	Bulb Temperature (Max)
65920400	MASTERColour CDM-TC Evolution 20W/930 G8.5	320 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Lumen	Lumen
		Coordinate X	Coordinate Y	Maintenance	Maintenance
		(Nom)	(Nom)	1000 h (Nom)	12000 h (Nom)
65125300	MASTERColour CDM-TC Evolution 35W/930 G8.5	0.427	0.388	93 %	77 %

Order Code	Full Product Name	Chromaticity	Chromaticity	Lumen	Lumen
		Coordinate X	Coordinate Y	Maintenance	Maintenance
		(Nom)	(Nom)	1000 h (Nom)	12000 h (Nom)
65920400	MASTERColour CDM-TC Evolution 20W/930 G8.5	0.43	0.393	96 %	81 %

Light Technical (2/2)

MASTERColour CDM-TC Evolution

Order	Full Product	Lumen		Lumen		Luminous	
		Maintenance	Lumen	Maintenance	Lumen	Efficacy	Luminous
		2000 h	Maintenance	4000 h	(rated)	(Rated)	Flux
Code	Name	(Nom)	20000 h	(Nom)	(Nom)	(Nom)	(Nom)
65125300	MASTERColour	90 %	72 %	84 %	110 lm/W	4300 lm	
	CDM-TC						
	Evolution						
	35W/930 G8.5						

Order	Full Product	Lumen		Lumen		Luminous	
		Maintenance	Lumen	Maintenance	Lumen	Efficacy	Luminous
		2000 h	Maintenance	4000 h	(rated)	(Rated)	Flux
Code	Name	(Nom)	20000 h	(Nom)	(Nom)	(Nom)	(Nom)
65920400	MASTERColour	93 %	77 %	89 %	102 lm/W	2050 lm	
	CDM-TC						
	Evolution						
	20W/930 G8.5						

Light Distribution Diagrams

