



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 color rendering

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Stable color 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 color rendering, with extra red
- High efficacy with unrivalled lumen maintenance
- Stable color performance over lifetime
- Clean beam

Application

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

MASTERColour CDM-TC Evolution

Versions



CDM-TC Evolution 50W /930

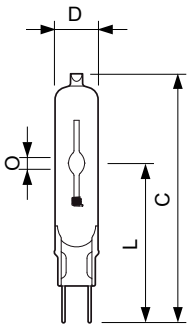


CDM-TC Evolution 35W /930



CDM-TC Evolution 20W /930

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
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 50W/930 G8.5	15 mm	6.9 mm	51 mm	53 mm	52 mm	85 mm
MASTERColour CDM-TC Evolution 35W/930 G8.5	15 mm	5.5 mm	51 mm	53 mm	52 mm	85 mm

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

Light Technical

Color Code 930
 Color Designation Warm White (WW)
 Correlated Color Temperature (Nom) 3000 K
 Color Rendering Index (Nom) 90

Mechanical and Housing

Bulb Finish Clear
 Bulb Shape T14

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Nom)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	55 kWh	4.7 mg
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	43 kWh	4.7 mg
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	22 kWh	3.0 mg

Operating and Electrical

MASTERColour CDM-TC Evolution

Order Code	Full Product Name	Voltage	Voltage	Voltage	Power
		(Max)	(Min)	(Nom)	(Rated)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	102 V	88 V	95 V	50 W
928064405131	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)
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	110 V	100 V	105 V	20 W

General Information (1/2)

Order Code	Full Product Name	Life To	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	5% Failures (Nom)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	15000 h	17000 h	20000 h	13000 h
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	18000 h	20000 h	25000 h	16000 h

Order Code	Full Product Name	Life To	Life To	Life To	Life To
		10% Failures (Nom)	20% Failures (Nom)	50% Failures (Nom)	5% Failures (Nom)
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	18000 h	20000 h	25000 h	16000 h

General Information (2/2)

Order Code	Full Product Name	Operating Position
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	VBU/VBD60
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	UNIVERSAL

Order Code	Full Product Name	Operating Position
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	UNIVERSAL

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	550 °C
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	500 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	320 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Lumen
		Coordinate X (Nom)	Coordinate Y (Nom)	Rendering Index (Min)	Maintenance 1000 h (Nom)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	0.430	0.390	-	93 %
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	0.427	0.388	87	93 %

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Lumen
		Coordinate X (Nom)	Coordinate Y (Nom)	Rendering Index (Min)	Maintenance 1000 h (Nom)
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	0.43	0.393	87	96 %

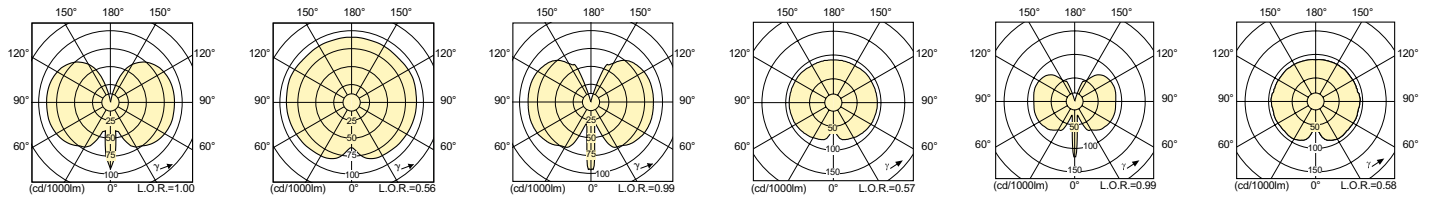
Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy	Luminous Flux
		12000 h (Nom)	2000 h (Nom)	20000 h	4000 h (Nom)	(rated) (Nom)	(Rated) (Nom)
928060905131	MASTERColour CDM-TC Evolution 50W/930 G8.5	77 %	90 %	72 %	84 %	114 lm/W	5700 lm

MASTERColour CDM-TC Evolution

Order Code	Full Product Name	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Lumen Maintenance	Luminous Efficacy	Luminous Flux
		12000 h (Nom)	2000 h (Nom)	20000 h	4000 h (Nom)	(rated) (Nom)	(Rated) (Nom)
928064405131	MASTERColour CDM-TC Evolution 35W/930 G8.5	77 %	90 %	72 %	84 %	110 lm/W	4300 lm
928064805131	MASTERColour CDM-TC Evolution 20W/930 G8.5	81 %	93 %	77 %	89 %	102 lm/W	2050 lm

Light Distribution Diagrams



CDM-TC Evolution 50W /930

CDM-TC Evolution 35W /930

CDM-TC Evolution 20W /930

