



# MASTERColour CDM-TC Evolution

# MASTERColour CDM-TC Evolution 35W/930 G8.5

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

### **Warnings and Safety**

- · Use only in a totally enclosed luminaire, even during testing (IEC61167, IEC62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- $\cdot$  Use only with electronic control gear
- The vast majority of drivers are fully compatible with CDM Evolution lamps. However, best performance is guaranteed with Philips drivers.
- · Control gear must include end-of-life protection (IEC61167, IEC 62035)
- $\cdot$  CDM Evolution lamps are designed to comply with IEC standards
- 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)] |  |  |  |  |
| Life to 50% failures (nom.)     | 25,000 h                         |  |  |  |  |
|                                 |                                  |  |  |  |  |
| Light Technical                 |                                  |  |  |  |  |
| Colour Code                     | 930 [CCT of 3000K]               |  |  |  |  |
| Colour designation              | Warm White (WW)                  |  |  |  |  |
| Chromaticity Coordinate X (Nom) | 0.427                            |  |  |  |  |
| Chromaticity Coordinate Y (Nom) | 0.388                            |  |  |  |  |
| Correlated Colour Temperature   | 3000 K                           |  |  |  |  |
|                                 |                                  |  |  |  |  |

| Luminous officacy (vated) (nom.) | 110 lm/W    |
|----------------------------------|-------------|
| Luminous efficacy (rated) (nom.) | 110 till/ W |
| Colour rendering index (CRI)     | 90          |
| Arc Length O (Nom)               | 5.5 mm      |
|                                  |             |
| Operating and Electrical         |             |
| Power Consumption                | 39.0 W      |
| Voltage (nom.)                   | 97 V        |
| Voltage (nom.)                   | 97 V        |
|                                  |             |
|                                  |             |

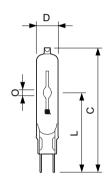
Datasheet, 2023, April 29 data subject to change

# **MASTERColour CDM-TC Evolution**

| Controls and Dimming                      |                                  |  |
|---|----------------------------------|--|
| Dimmable                                  | No                               |  |
|   |                                  |  |
| Mechanical and Housing                    |                                  |  |
| Lamp Finish                               | Clear                            |  |
| Bulb shape                                | T14 [T 14 mm]                    |  |
|   |                                  |  |
| Approval and Application                  |                                  |  |
| Mercury (Hg) content (nom.)               | 4.7 mg                           |  |
| Energy consumption kWh/1,000 hours 43 kWh |                                  |  |
|   |                                  |  |
| Product Data                              |                                  |  |
| Order product name                        | MC CDM-TC Evolution 35W/930 G8.5 |  |

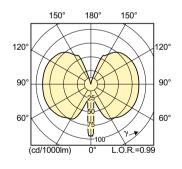
| Full product name                 | MASTERColour CDM-TC Evolution 35W/930 |  |  |  |  |
|-----------------------------------|---------------------------------------|--|--|--|--|
|                                   | G8.5                                  |  |  |  |  |
| Full EOC                          | 871829165125300                       |  |  |  |  |
| Order code                        | 65125300                              |  |  |  |  |
| Material no. (12 NC)              | 928064405131                          |  |  |  |  |
| Local order code                  | 35CDMTCEVO930                         |  |  |  |  |
| SAP numerator – quantity per pack | 1                                     |  |  |  |  |
| EAN/UPC — Product/Case            | 8718291651253                         |  |  |  |  |
| Numerator – packs per outer box   | 12                                    |  |  |  |  |
| EAN/UPC - Case                    | 8718291651260                         |  |  |  |  |
|                                   |                                       |  |  |  |  |

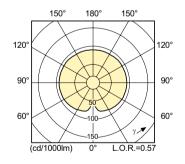
## Dimensional drawing

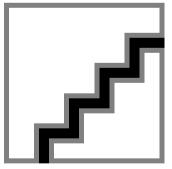


| Product                     | D (max) | 0      | L (min) | L (max) | L     | C (max) |
|-----------------------------|---------|--------|---------|---------|-------|---------|
| MC CDM-TC Evolution 35W/930 | 15 mm   | 5.5 mm | 51 mm   | 53 mm   | 52 mm | 85 mm   |
| G8.5                        |         |        |         |         |       |         |

## Photometric data







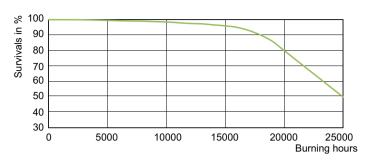
Light Distribution Diagram - MC CDM-TC Evolution 35W/930 G8.5

Spectral Power Distribution Colour - MC CDM-TC Evolution 35W/930 G8.5

# **MASTERColour CDM-TC Evolution**

### Lifetime





Lumen Maintenance Diagram - MC CDM-TC Evolution 35W/930 G8.5

Life Expectancy Diagram - MC CDM-TC Evolution 35W/930 G8.5



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