



# MASTERColour CDM-R Elite

## MASTERColour CDM-R Elite 70W/930 E27 PAR30L 10D

Compact, very high-efficiency, long-life Ceramic Metal Halide discharge reflector lamp producing crisp white sparkling light with high color rendering

### Warnings and Safety

- 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

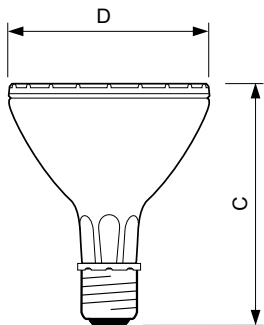
| General Information        |                                   | Beam Description                      |                 |
|----------------------------|-----------------------------------|---------------------------------------|-----------------|
| Cap-Base                   | E27 [ E27]                        | Beam Description                      | Spot            |
| Operating Position         | UNIVERSAL [ Any or Universal (U)] | Color Designation                     | Warm White (WW) |
| Life to 5% Failures (Nom)  | 9000 h                            | Lumen Maintenance 12000 h (Nom)       | 82 %            |
| Life To 10% Failures (Nom) | 6500 h                            | Lumen Maintenance 2000 h (Nom)        | 94 %            |
| Life to 20% Failures (Nom) | 12000 h                           | Lumen Maintenance 4000 h (Nom)        | 90 %            |
| Life to 50% Failures (Nom) | 15000 h                           | Design Mean Lumens                    | 3800 lm         |
| Switching Cycle            | 1350X                             | Chromaticity Coordinate X (Nom)       | 0.443           |
| Light Technical            |                                   | Chromaticity Coordinate Y (Nom)       | 0.402           |
| Color Code                 | 930 [ CCT of 3000K]               | Correlated Color Temperature (Nom)    | 3000 K          |
| Beam Angle (Nom)           | 10 °                              | Luminous Efficacy (rated) (Nom)       | 70 lm/W         |
| Beam Angle Technical (Nom) | 11 °                              | Color Rendering Index (Min)           | 89              |
| Luminous Intensity (Nom)   | 61000 cd                          | Color Rendering Index (Nom)           | 92              |
|                            |                                   | LLMF At End Of Nominal Lifetime (Nom) | 80 %            |

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|                                   |         |
|-----------------------------------|---------|
| Luminous Flux in 90° Cone (Rated) | 4500 lm |
| <b>Operating and Electrical</b>   |         |
| Power (Nom)                       | 73.2 W  |
| Re-Ignition Time (Min) (Max)      | 15 min  |
| Warm Up Time to 60% Light (Nom)   | 120 s   |
| Ignition Time (Max)               | 30 s    |
| Voltage (Max)                     | 93 V    |
| Voltage (Min)                     | 79 V    |
| Voltage (Nom)                     | 86 V    |
| <b>Controls and Dimming</b>       |         |
| Dimmable                          | No      |
| Run-Up Time 90% (Max)             | 3 min   |
| <b>Mechanical and Housing</b>     |         |
| Bulb Finish                       | Clear   |
| <b>Approval and Application</b>   |         |
| Energy Efficiency Label (EEL)     | A       |

|                                      |   |
|--------------------------------------|---|
| Mercury (Hg) Content (Nom)           | 6.6 mg  |
| Energy Consumption kWh/1000 h        | 80 kWh  |
| <b>Luminaire Design Requirements</b> |   |
| Bulb Temperature (Max)               | 300 °C  |
| Cap-Base Temperature (Max)           | 200 °C  |
| <b>Product Data</b>                  |   |
| Full product code                    | 871829124186700                                   |
| Order product name                   | MASTERC colour CDM-R Elite 70W/930 E27 PAR30L 10D |
| EAN/UPC - Product                    | 8718291241867                                     |
| Order code                           | 928109300630                                      |
| Numerator - Quantity Per Pack        | 1   |
| Numerator - Packs per outer box      | 6   |
| Material Nr. (12NC)                  | 928109300630                                      |
| Net Weight (Piece)                   | 0.220 kg  |
| ILCOS Code                           | MRS/UB-70/930-H-E27-95/125/10                     |

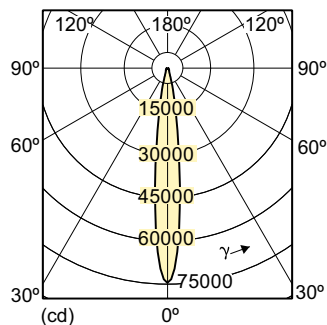
## Dimensional drawing



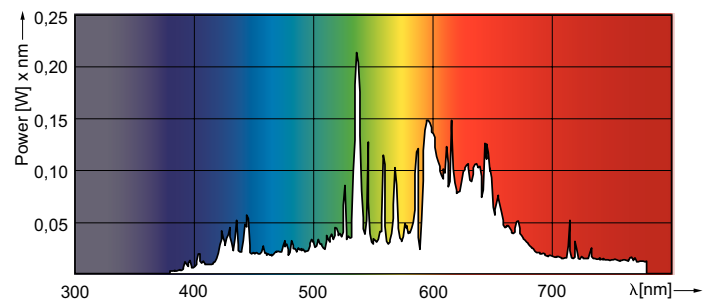
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| Product   | D (max) | C (max) |
|---|---------|---------|
| MASTERC colour CDM-R Elite 70W/930 E27 PAR30L 10D | 97 mm   | 123 mm  |

## Photometric data



LDLD\_CDM-R-E\_0003-Light distribution diagram



# MASTERC colour CDM-R Elite

## Lifetime



LDLE\_CDM-R-E\_930\_PAR30L-Life expectancy diagram

