



# MasterColor CDM-R Elite

## MASTERColor CDM-R Elite 35W/930 E26/24 PAR20 30D

The Elite family is at the very top of the MasterColor CDM range, and gives a unique combination of unbeatable light quality and consistent performance over lifetime, while keeping running costs low. MasterColor metal halide lamps deliver consistent white light and higher color rendering than any standard metal halide source for architectural lighting. MasterColor CDM Elite PAR30L lamps deliver similar performance as the MasterColor Elite family lamps in the familiar PAR30L shape.

### Warnings and Safety

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA: 21 CFR 1040.30 Canada: SOR/DORS/80-381)
- Lamp contains mercury.
- Manage in Accord with Disposal Laws.
- See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

| General information        |                                    |
|----------------------------|------------------------------------|
| Base                       | E26 [ Single Contact Medium Screw] |
| Operating Position         | Universal [ 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              | C130/E                             |

| Switching Cycle            | 1350X               |
|----------------------------|---------------------|
| Light technical            |                     |
| Color Code                 | 930 [ CCT of 3000K] |
| Beam Angle (Nom)           | 30 °                |
| Beam Angle Technical (Nom) | 28.5 °              |
| Luminous Intensity (Nom)   | 5800 cd             |
| Beam Description           | Flood [ Flood]      |

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|                                       |                 |
|---------------------------------------|-----------------|
| Color Designation                     | Warm White (WW) |
| Lumen Maintenance 12000 h (Nom)       | 82 %            |
| Lumen Maintenance 2000 h (Nom)        | 94 %            |
| Lumen Maintenance 4000 h (Nom)        | 90 %            |
| Design Mean Lumens                    | 2040 lm         |
| Chromaticity Coordinate X (Nom)       | 0.437           |
| Chromaticity Coordinate Y (Nom)       | 0.400           |
| Correlated Color Temperature (Nom)    | 3000 K          |
| Luminous Efficacy (rated) (Nom)       | 61 lm/W         |
| Color Rendering Index (Min)           | 88              |
| Color Rendering Index (Nom)           | 91              |
| LLMF At End Of Nominal Lifetime (Nom) | 80 %            |
| Luminous Flux in 90° Cone (Rated)     | 2100 lm         |

## Operating and electrical

|                                 |        |
|---------------------------------|--------|
| Power (Rated) (Nom)             | 39 W   |
| Ignition Supply Voltage (Min)   | 198 V  |
| Re-Ignition Time (Min) (Max)    | 15 min |
| Warm Up Time to 60% Light (Nom) | 120 s  |
| Ignition Time (Max)             | 30 s   |
| Voltage (Max)                   | 96 V   |
| Voltage (Min)                   | 80 V   |
| Voltage (Nom)                   | 88 V   |

## Controls and dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

|                       |       |
|-----------------------|-------|
| Run-Up Time 90% (Max) | 3 min |
|-----------------------|-------|

## Mechanical and housing

|             |                       |
|-------------|-----------------------|
| Bulb Finish | Clear                 |
| Bulb Shape  | PAR20 [ PAR 2.5 inch] |

## Approval and application

|                               |        |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom)    | 4.7 mg |
| Energy Consumption kWh/1000 h | 43 kWh |

## Luminaire design requirements

|                            |        |
|----------------------------|--------|
| Bulb Temperature (Max)     | 572 °F |
| Cap-Base Temperature (Max) | 392 °F |

## Product data

|                                 |   |
|---------------------------------|---|
| Order product name              | MASTERColor CDM-R Elite 35W/930 E26 PAR20 30D |
| EAN/UPC - Product               | 046677434199                                  |
| Order code                      | 434191  |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 12  |
| Material Nr. (12NC)             | 928050100615                                  |
| Copy Net Weight (Piece)         | 0.247 lb                                      |

## Dimensional drawing

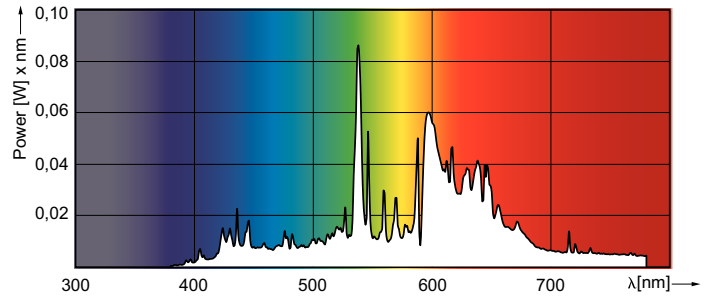
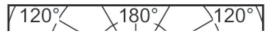
D

| Product                                       | D (max) | C (max) |
|---|---------|---------|
| MASTERColor CDM-R Elite 35W/930 E26 PAR20 30D | 65 mm   | 95 mm   |

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## Photometric data



## Lifetime

