



MASTERColour CDM-R

MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT

Range of compact, high-efficiency, discharge reflector lamps with a stable color over lifetime and a crisp, sparkling light

Warnings and Safety

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Use only with electronic control gear. Color 830 lamps may also use electromagnetic gear.
- 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 | E27 [E27] | Luminous Flux (Rated) (Nom) | 2200 lm |
| Operating Position | UNIVERSAL [Any or Universal (U)] | Luminous Intensity (Nom) | 7400 cd |
| Life to 5% Failures (Nom) | 5000 h | Beam Description | Flood |
| Life to 20% Failures (Nom) | 8000 h | Color Designation | Warm White (WW) |
| Life to 50% Failures (Nom) | 8000 h | Chromaticity Coordinate X (Nom) | 0.431 |
| Switching Cycle | 1000X | Chromaticity Coordinate Y (Nom) | 0.400 |
| Light Technical | | Correlated Color Temperature (Nom) | 3000 K |
| Color Code | 830 [CCT of 3000K] | Color Rendering Index (Nom) | 81 |
| Beam Angle (Nom) | 30 ° | LLMF At End Of Nominal Lifetime (Nom) | 48 % |
| Beam Angle Technical (Nom) | 29 ° | Luminous Flux in 90° Cone (Rated) | 2000 lm |
| Beam Angle Technical (Max) | 36.3 ° | Operating and Electrical | |
| Beam Angle Technical (Min) | 21.8 ° | Power (Nom) | 38 W |
| | | Lamp Current (EM) (Nom) | 0.53 A |

MASTERColour CDM-R

| | |
|---------------------------------|--------|
| Ignition Supply Voltage (Max) | 198 V |
| Ignition Peak Voltage (Max) | 5000 V |
| 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) | 94 V |
| Voltage (Min) | 78 V |
| Voltage (Nom) | 86 V |

Controls and Dimming

| | |
|-----------------------|-------|
| Dimmable | No |
| Run-Up Time 90% (Max) | 3 min |

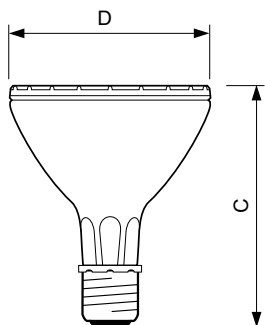
Mechanical and Housing

| | |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 2.8 mg |

Dimensional drawing



CDM-R 35W/830 E27 PAR30L 30D

Photometric data

17°/19°/19°

| | |
|-------------------------------|--------|
| Energy Consumption kWh/1000 h | 42 kWh |
|-------------------------------|--------|

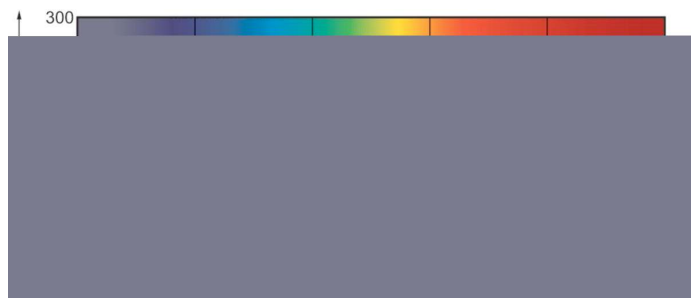
Luminaire Design Requirements

| | |
|----------------------------|--------|
| Bulb Temperature (Max) | 300 °C |
| Cap-Base Temperature (Max) | 200 °C |

Product Data

| | |
|---------------------------------|---|
| Full product code | 871829172242700 |
| Order product name | MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT |
| EAN/UPC - Product | 8718291722427 |
| Order code | 928071000694 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 928071000694 |
| Net Weight (Piece) | 216.000 g |
| ILCOS Code | MRS/UB-35/830-H-E27-95/125/30 |

| Product | D (max) | D | C (max) | C |
|---|---------|-------|---------|--------|
| MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT | 97 mm | 95 mm | 123 mm | 120 mm |



MASTERColour CDM-R

Lifetime

