



MASTERColour CDM-R

MASTERC CDM-R 35W/830 E27 PAR20 10D 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)
- \cdot 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] | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | |
| Switching Cycle | 800 | |
| Life to 50% Failures (Nom) | 8,000 hour(s) | |
| | | |
| Light Technical | | |
| Color Code | 830 [CCT of 3000K] | |
| Beam Angle (Nom) | 10 degree(s) | |
| Luminous Intensity (Nom) | 21,000 cd | |
| Color Designation | Warm White (WW) | |
| Chromaticity Coordinate X (Nom) | 0.433 | |
| Chromaticity Coordinate Y (Nom) | 0.402 | |
| Correlated Color Temperature (Nom) | 3000 K | |
| Color rendering index (CRI) | 81 | |
| LLMF At End Of Nominal Lifetime (Nom) 52 % | | |

| Luminous Flux in 90° Cone (Rated) | 1,700 lm |
|-----------------------------------|---------------------------|
| | |
| Operating and Electrical | |
| Power Consumption | 38 W |
| Warm-up time to 60% light | 120 s |
| Voltage (Nom) | 88 V |
| Voltage (Nom) | 88 V |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Shape | PAR20 [PAR 2.5 inch/63mm] |
| | |

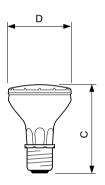
Datasheet, 2023, April 29 data subject to change

MASTERColour CDM-R

| Approval and Application | |
|-------------------------------|-------------------------------------|
| Mercury (Hg) Content (Nom) | 2.8 mg |
| Energy Consumption kWh/1000 h | 42 kWh |
| | |
| Product Data | |
| Order product name | MASTERC CDM-R 35W/830 E27 PAR20 10D |
| | 1CT |
| Full product name | MASTERC CDM-R 35W/830 E27 PAR20 10D |
| | 1CT |

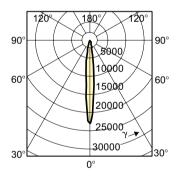
| Full product code | 871150021186600 |
|---------------------------------|-----------------|
| Order code | 928084100691 |
| Material Nr. (12NC) | 928084100691 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500211866 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500211873 |
| | |

Dimensional drawing

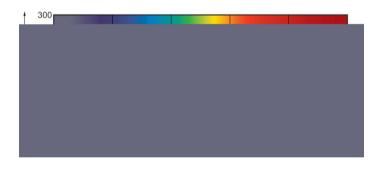


| Product | D (max) | D | C (max) | С |
|---|---------|-------|---------|-------|
| MASTERC CDM-R 35W/830 E27 PAR20 10D 1CT | 65 mm | 64 mm | 95 mm | 92 mm |

Photometric data



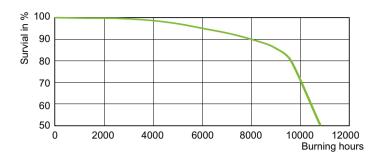




Spectral Power Distribution Colour - MASTERC CDM-R 35W/830 E27 PAR20 10D 1CT

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Lifetime





Life Expectancy Diagram - MASTERC CDM-R 35W/830 E27 PAR20 10D 1CT

Lumen Maintenance Diagram - MASTERC CDM-R 35W/830 E27 PAR20 10D 1CT



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