# **PHILIPS** Lighting



# MASTERColour CDM-R

# MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT

Range of compact, high-efficiency, discharge reflector lamps with a stable colour 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. Colour 830 lamps may also use electromagnetic gear.

#### **Product data**

| General Information                        |                                  |  |  |
|--|----------------------------------|--|--|
| Cap-Base                                   | 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)                           | 30 degree(s)                     |  |  |
| Luminous Intensity (Nom)                   | 5,300 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)          | 1,650 lm                         |  |  |
|  |                                  |  |  |

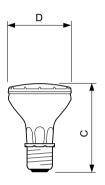
| Operating and Electrical      |        |
|-------------------------------|--------|
| Power Consumption             | 39.1 W |
| Warm-up time to 60% light     | 120 s  |
| Voltage (Nom)                 | 88 V   |
| Voltage (Nom)                 | 88 V   |
|                               |        |
| Controls and Dimming          |        |
| Dimmable                      | No     |
|                               |        |
| Mechanical and Housing        |        |
| Bulb Finish                   | Clear  |
| Bulb Shape                    | PAR20  |
|                               |        |
| Approval and Application      |        |
| Mercury (Hg) Content (Nom)    | 2.8 mg |
| Energy Consumption kWh/1000 h | 42 kWh |
|                               |        |

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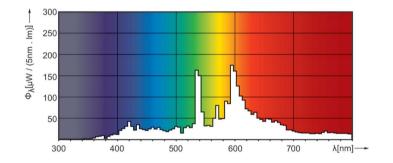
| MASTERC CDM-R 35W/830 E27 PAR20 30D |  |  |  |  |
|-------------------------------------|--|--|--|--|
| 1CT                                 |  |  |  |  |
| MASTERC CDM-R 35W/830 E27 PAR20 30D |  |  |  |  |
| 1CT                                 |  |  |  |  |
| 871150021184200                     |  |  |  |  |
| 928084000691                        |  |  |  |  |
|                                     |  |  |  |  |

| Material Nr. (12NC)             | 928084000691  |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8711500211842 |
| Numerator - Packs per outer box | 12            |
| EAN/UPC - Case                  | 8711500211859 |
|                                 |               |

#### Dimensional drawing

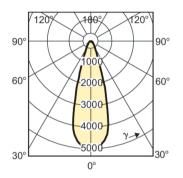


| Product                                 | D (max) | D     | C (max) | с     |
|---|---------|-------|---------|-------|
| MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT | 65 mm   | 64 mm | 95 mm   | 92 mm |
|   |         |       |         |       |



Spectral Power Distribution Colour - MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT

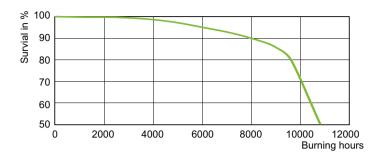
#### Photometric data



Light Distribution Diagram - MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT

### **MASTERColour CDM-R**

Lifetime



Life Expectancy Diagram - MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT



Lumen Maintenance Diagram - MASTERC CDM-R 35W/830 E27 PAR20 30D 1CT



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