



# 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 [ Flood]  |
| Life to 20% failures (nom.) | 8000 h                            | Colour designation                     | Warm White (WW) |
| Life to 50% failures (nom.) | 8000 h                            | Chromaticity coordinate X (nom.)       | 0.431           |
| Switching cycle             | 1,000X                            | Chromaticity coordinate Y (nom.)       | 0.400           |
|                             |                                   | Correlated Colour Temperature (Nom)    | 3000 K          |
|                             |                                   | Colour rendering index (nom.)          | 81              |
|                             |                                   | LLMF at end of nominal lifetime (nom.) | 48 %            |
|                             |                                   | Luminous flux in 90° cone (rated)      | 2000 lm         |
| Light Technical             |                                   | Operating and Electrical               |                 |
| Colour Code                 | 830 [ CCT of 3,000 K]             | Power (Rated) (Nom)                    | 38 W            |
| Beam Angle (Nom)            | 30 °                              | Lamp current (EM) (nom.)               | 0.53 A          |
| Beam angle technical        | 29 °                              |  |                 |
| Beam angle technical        | 36.3 °                            |  |                 |
| Beam angle technical        | 21.8 °                            |  |                 |

# MASTERCcolour 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

|             |       |
|-------------|-------|
| Lamp Finish | Clear |
|-------------|-------|

## Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A      |
| Mercury (Hg) content (nom.)   | 2.8 mg |

|                                    |        |
|------------------------------------|--------|
| Energy consumption kWh/1,000 hours | 42 kWh |
|------------------------------------|--------|

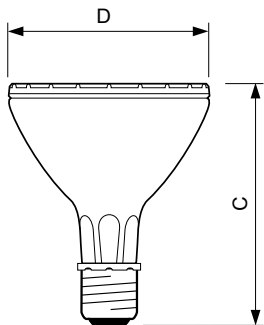
## Luminaire Design Requirements

|                             |        |
|-----------------------------|--------|
| Bulb temperature (max.)     | 300 °C |
| Cap-base temperature (max.) | 200 °C |

## Product Data

|                                   |  |
|-----------------------------------|--|
| Full product code                 | 871150021170500                                |
| Order product name                | MASTERCcolour CDM-R 35W/830 E27 PAR30L 30D 1CT |
| EAN/UPC – product                 | 8711500211705                                  |
| Order code                        | 21170500                                       |
| SAP numerator – quantity per pack | 1  |
| Numerator – packs per outer box   | 6  |
| SAP material                      | 928071000691                                   |
| SAP net weight (piece)            | 0.216 kg                                       |
| ILCOS code                        | MRS/UB-35/830-H-E27-95/125/30                  |

## Dimensional drawing



CDM-R 35W/830 E27 PAR30L 30D

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

## Photometric data

174°/190°/190°



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## Lifetime

