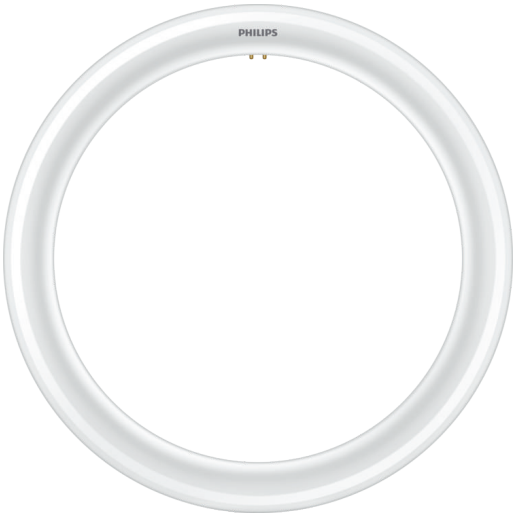



# MyCare LED Circular

## LED Circular 20W 840 G10q AP

LED, C-T9, EM/Mains, 238 mm, 220-240 V, 20 W, 32W, 4000 K, 2000 lm, 30000 hour(s)

MyCare LED Ceiling Module integrates a LED light source into a module. It is specially designed to replace fluorescent circular tubes working on a G10q fitting. The module offers significant energy savings and a long lifetime.

### Product data

| General Information | |
|---|---|
| **Cap-Base** | G10q |
| **Nominal lifetime** | 30,000 hour(s) |
| **Switching Cycle** | 50,000 |
| **Lighting Technology** | LED |

| Light Technical | |
|---|---|
| **Color Code** | 840 [CCT of 4000K] |
| **Beam Angle (Nom)** | 120 degree(s) |
| **Luminous Flux** | 2,000 lm |
| **Color Designation** | Cool White (CW) |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 100 lm/W |
| **Color Consistency** | <6 |
| **Color rendering index (CRI)** | 80 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |
| **Photobiological safety according to EN 62471** | RG0 |

| Operating and Electrical | |
|---|---|
| **Input Frequency** | 50 to 60 Hz |
| **Power Consumption** | 20 W |
| **Lamp Current (Nom)** | 170 mA |
| **Wattage Equivalent** | 32 W |
| **Starting Time (Nom)** | 0.5 s |
| **Warm-up time to 60% light** | 0.5 s |
| **Power Factor (Fraction)** | 0.5 |
| **Voltage (Nom)** | 220-240 V |
| **LED alternative to fluorescent lamp power** | 32W |
| **Ballast Compatibility** | EM/Mains |

| Temperature | |
|---|---|
| **T-Case Maximum (Nom)** | 60 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and Housing | |
|---|---|
| **Product Length** | 238 mm |
| **Overall length** | 298 mm |
| **Bulb Shape** | C-T9 |

# MyCare LED Circular

| | |
|---|---|
| **Net Weight (Piece)** | 0.106 kg |

### Approval and Application

| | |
|---|---|
| **Energy Saving Product** | Yes |
| **Approval Marks** | RoHS compliance CE marking KEMA Keur certificate |
| **Energy Consumption kWh/1000 h** | 20 kWh |
| **CE mark** | Yes |
| **EU RoHS compliant** | Yes |
| **EyeComfort** | Yes |
| **LED Innovations** | EyeComfort |
| **Ambient temperature range** | -20 to +45 °C |

### Application Conditions

| | |
|---|---|
| **Wireless Technology** | Not applicable |

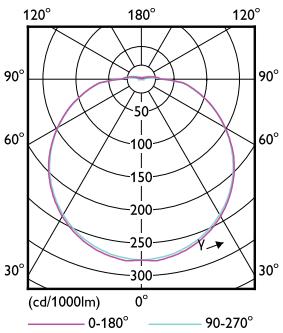
### Product Data

| | |
|---|---|
| **Order product name** | LED Circular 20W 840 G10q AP |
| **Full product name** | LED Circular 20W 840 G10q AP |
| **Full product code** | 871869964533500 |
| **Order code** | 929002010907 |
| **Material Nr. (12NC)** | 929002010907 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718699645335 |
| **Numerator - Packs per outer box** | 20 |
| **EAN/UPC - Case** | 8718699645342 |

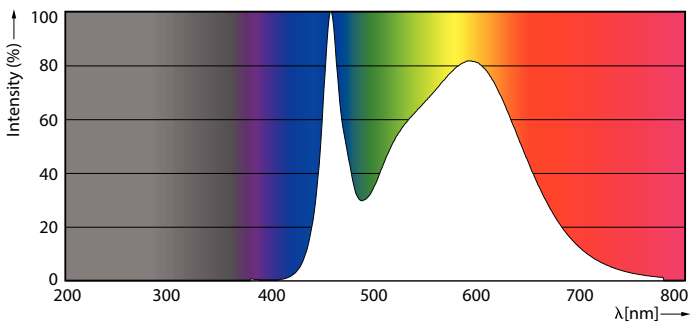
## Dimensional drawing

| Product | A1 | A2 | A3 |
|---|---|---|---|
| LED Circular 20W 840 G10q AP | 30 mm | 238 mm | 298 mm |

## Photometric data



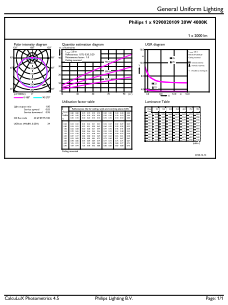

Light Distribution Diagram - LED Circular 20W 840 G10q AP




Spectral Power Distribution Colour - LED Circular 20W 840 G10q AP

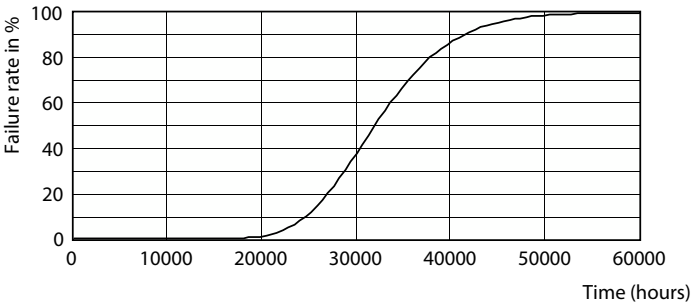
# MyCare LED Circular

## Photometric data

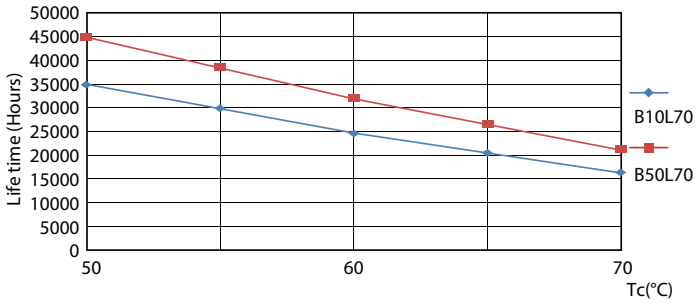


General uniform lighting - LED Circular 20W 840 G10q AP

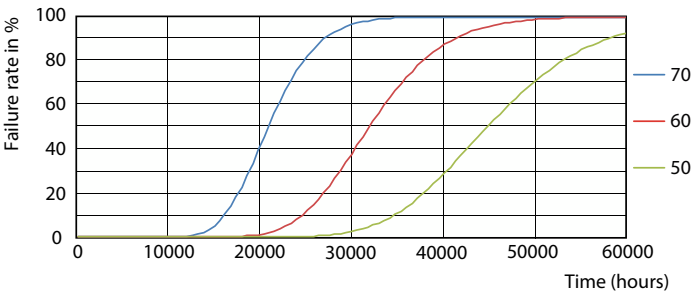
## Lifetime



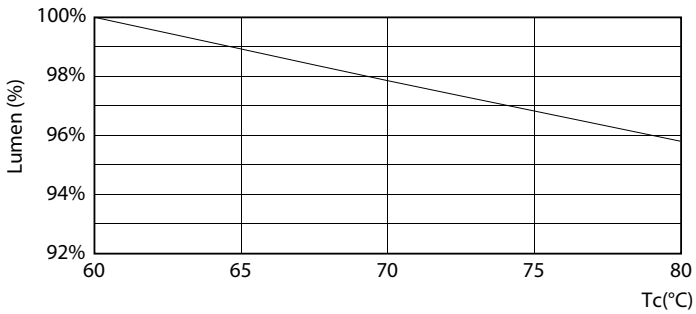

Life Expectancy Diagram




LifetimeVsTc



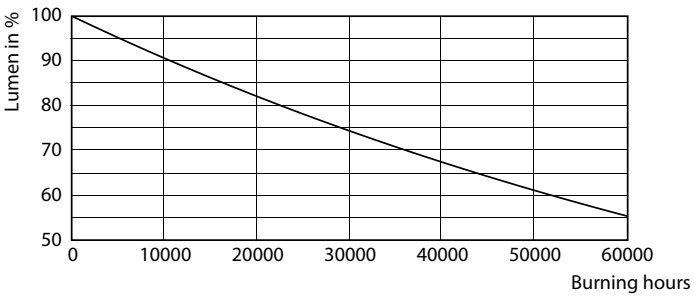

FailureRate




Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP

# MyCare LED Circular

## Lifetime




**Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP**

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