



# LED Specialty Lamps

## 2T3/PER/830/ND/GY6.35/12V 6/1BC

Philips speciality LED lamps are the smart alternative to standard incandescent. Their unique lamp design provides form factors to fit in standard applications with incredible energy savings.

### Product data

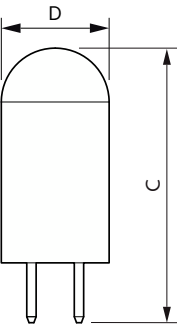
| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | GY6.35 [GY6.35]    |
| Nominal lifetime                      | 15,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LED                |
| EU RoHS compliant                     | Yes                |
| Light Technical                       |                    |
| Color Code                            | 830 [CCT of 3000K] |
| Luminous Flux                         | 200 lm             |
| Color Designation                     | White (WH)         |
| Correlated Color Temperature (Nom)    | 3000 K             |
| Luminous Efficacy (rated) (Nom)       | 100.00 lm/W        |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Operating and Electrical              |                    |
| Line Frequency                        | - Hz               |
| Input Frequency                       | - Hz               |
| Power Consumption                     | 2 W                |
| Lamp Current (Nom)                    | 250 mA             |
| Wattage Equivalent                    | 20 W               |
| Starting Time (Nom)                   | 0.5 s              |

| Warm-up time to 60% light     | 0.5 s                           |
|-------------------------------|---------------------------------|
| Power Factor (Fraction)       | 0.4                             |
| Voltage (Nom)                 | ac electronic 12 V              |
| Temperature                   |                                 |
| T-Case Maximum (Nom)          | 56 °C                           |
| Controls and Dimming          |                                 |
| Dimmable                      | No                              |
| Mechanical and Housing        |                                 |
| Bulb Finish                   | Clear                           |
| Bulb Material                 | Plastic                         |
| Bulb Shape                    | Capsule                         |
| Approval and Application      |                                 |
| Suitable For Accent Lighting  | No                              |
| Product Data                  |                                 |
| Order product name            | 2T3/PER/830/ND/GY6.35/12V 6/1BC |
| Full product name             | 2T3/PER/830/ND/GY6.35/12V 6/1BC |
| Order code                    | 929001844425                    |
| Material Nr. (12NC)           | 929001844425                    |
| Numerator - Quantity Per Pack | 1                               |

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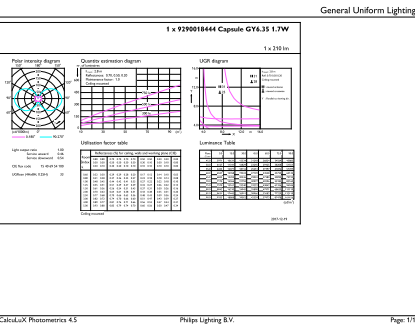
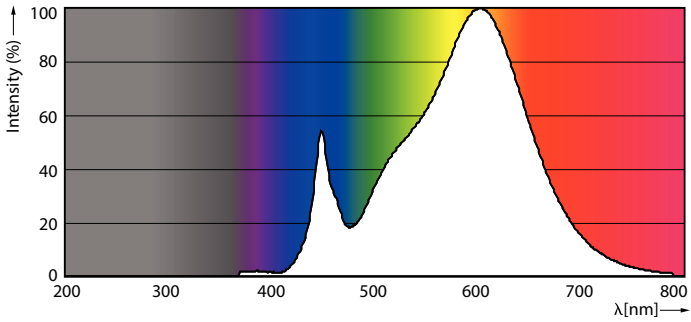
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677477240   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677477245 |

Dimensional drawing



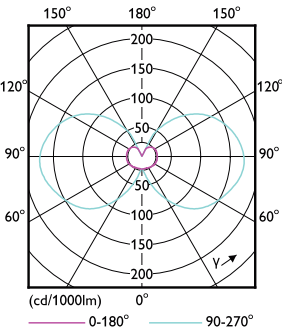
| Product                         | D     | C     |
|---------------------------------|-------|-------|
| 2T3/PER/830/ND/GY6.35/12V 6/1BC | 15 mm | 39 mm |

Photometric data



Spectral Power Distribution Colour - 2T3/PER/830/ND/GY6.35/12V 6/1BC

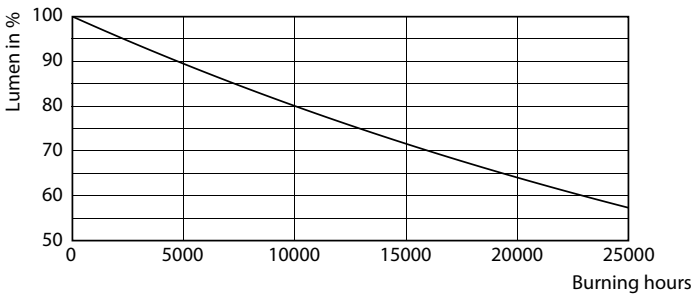
Accent Lighting Spots - 2T3/PER/830/ND/GY6.35/12V 6/1BC



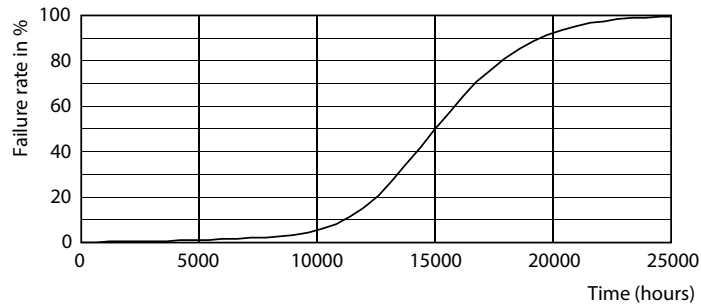
Light Distribution Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC

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Lifetime



Lumen Maintenance Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC



Life Expectancy Diagram - 2T3/PER/830/ND/GY6.35/12V 6/1BC

