



# LED Small Spots

4GU10/LED/930/F35/DIM/G/120V T20 10/1

MasterClass, LEDspot, MR16, 50 W, GU10, 3000 K, 380 lm, 25000 hour(s), Glass

MasterClass, LEDspot, MR16, 50 W, GU10, 3000 K, 380 lm, 25000 hour(s), Glass, 95 lm/W

## Product data

| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | GU10               |
| Nominal lifetime                      | 25,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LEDspot            |
| Light Technical                       |                    |
| Color Code                            | 930 [CCT of 3000K] |
| Beam Angle (Nom)                      | 35 degree(s)       |
| Luminous Flux                         | 380 lm             |
| Luminous Intensity (Nom)              | 600 cd             |
| Color Designation                     | White (WH)         |
| Correlated Color Temperature (Nom)    | 3000 K             |
| Luminous Efficacy (rated) (Nom)       | 95 lm/W            |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 90                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Operating and Electrical              |                    |
| Line Frequency                        | 50 to 60 Hz        |
| Input Frequency                       | 50 to 60 Hz        |

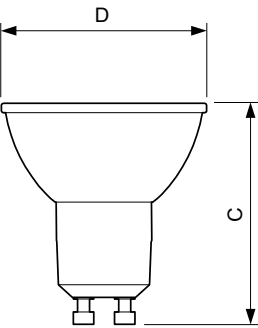
| Power Consumption          | 4 W                        |
|----------------------------|----------------------------|
| Lamp Current (Nom)         | 50 mA                      |
| Wattage Equivalent         | 50 W                       |
| Starting Time (Nom)        | 0.5 s                      |
| Warm-up time to 60% light  | 0.5 s                      |
| Power Factor (Fraction)    | 0.7                        |
| Voltage (Nom)              | 120 V                      |
| Temperature                |                            |
| T-Case Maximum (Nom)       | 162 °F                     |
| Controls and Dimming       |                            |
| Dimmable                   | Only with specific dimmers |
| Mechanical and Housing     |                            |
| Bulb Finish                | Clear                      |
| Bulb Material              | Glass                      |
| Bulb Shape                 | MR16                       |
| UL Wet/ damp/ dry location | Damp location              |
| Net Weight (Piece)         | 0.093 lb                   |

LED Small Spots

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Approval and Application            |                                       |
| Suitable For Accent Lighting        | Yes                                   |
| EU RoHS compliant                   | Yes                                   |
| T20 compliant                       | Yes                                   |
| Ambient temperature range           | -4 to +113 °F                         |
| Application Conditions              |                                       |
| can it be used in closed luminaires | Yes                                   |
| Wireless Technology                 | Not applicable                        |
| Product Data                        |                                       |
| Order product name                  | 4GU10/LED/930/F35/DIM/G/120V T20 10/1 |

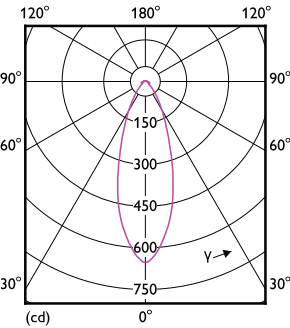
|                                 |                                       |
|---------------------------------|---------------------------------------|
| Full product name               | 4GU10/LED/930/F35/DIM/G/120V T20 10/1 |
| Order code                      | 468140                                |
| Material Nr. (12NC)             | 929002055504                          |
| Numerator - Quantity Per Pack   | 1                                     |
| EAN/UPC - Product/Case          | 046677468149                          |
| Numerator - Packs per outer box | 10                                    |
| EAN/UPC - Case                  | 50046677468144                        |

Dimensional drawing

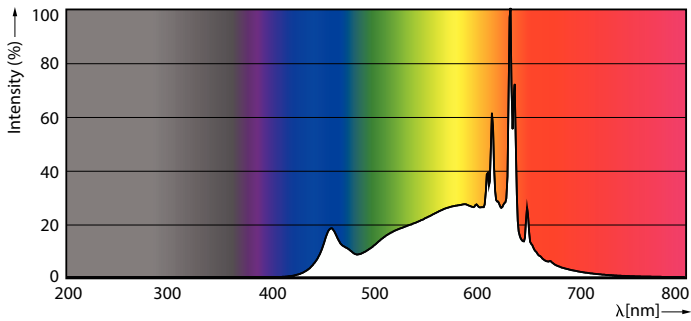


| Product                               | D      | C          |
|---------------------------------------|--------|------------|
| 4GU10/LED/930/F35/DIM/G/120V T20 10/1 | 2 inch | 2-1/8 inch |

Photometric data



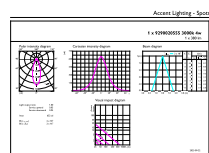
Light Distribution Diagram - 4GU10/LED/930/F35/DIM/G/120V T20 10/1



Spectral Power Distribution Colour - 4GU10/LED/930/F35/DIM/G/120V T20 10/1

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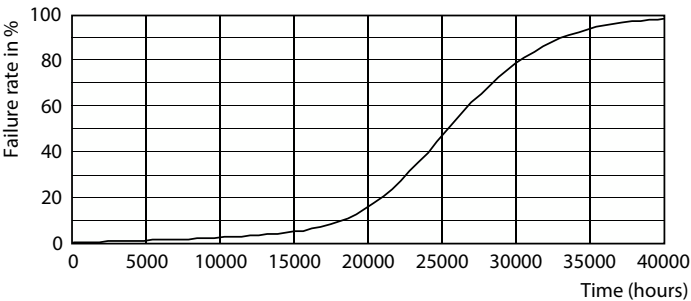
## Photometric data



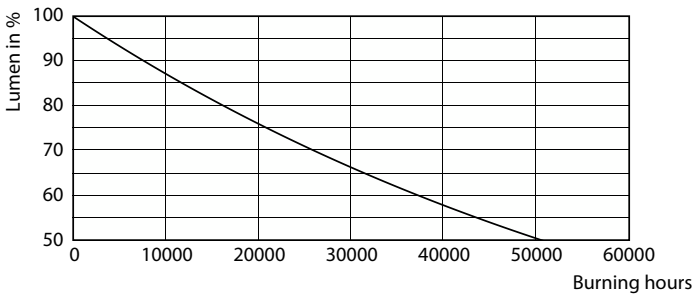
Technical Parameters 4.2.1 Philips Lighting B.V. Page 117

Accent Lighting Spots - 4GU10/LED/930/F35/DIM/G/120V T20 10/1

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 4GU10/LED/930/F35/DIM/G/120V T20 10/1

