

LED G16.5

4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

Philips G16.5 LED Lamps offer energy saving ambience with an elegant effect. Their unique design provides light in all directions, giving lighting designers a long life alternative to standard incandescent sources.

Product data

| General Information | |
|---------------------|------------------------|
| Cap-Base | E12 [Candelabra Screw] |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 20,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 827 [CCT of 2700K] |
| Luminous Flux | 300 lm |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 66.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|--------------------------|-------|
| Line Frequency | 60 Hz |
| Input Frequency | 60 Hz |
| Power Consumption | 4.5 W |
| Lamp Current (Nom) | 40 mA |
| Wattage Equivalent | 40 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) | 65 °C |

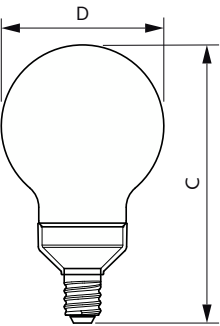
| Controls and Dimming | |
|----------------------|-----|
| Dimmable | Yes |

| Mechanical and Housing | |
|------------------------|---------------|
| Bulb Finish | Clear |
| Bulb Shape | G16.5 [G16.5] |

| Product Data | |
|---------------------------------|-------------------------------------|
| Order product name | 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT |
| Full product name | 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT |
| Order code | 929001843104 |
| Material Nr. (12NC) | 929001843104 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677478759 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677478754 |

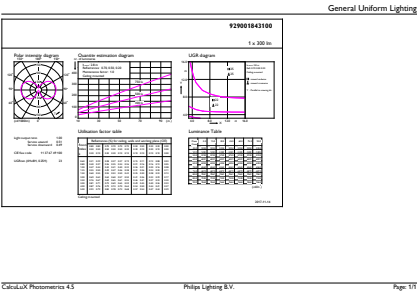
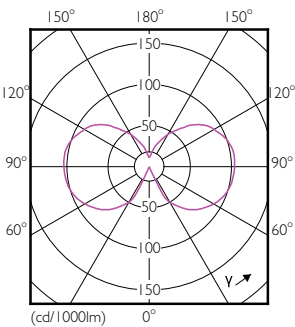
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Dimensional drawing



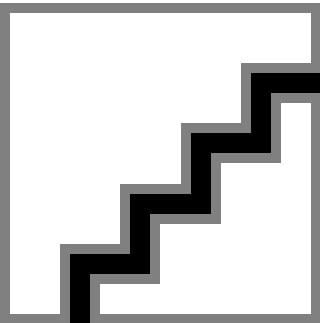
| Product | D | C |
|-------------------------------------|-------|-------|
| 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT | 35 mm | 90 mm |

Photometric data



Light Distribution Diagram - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

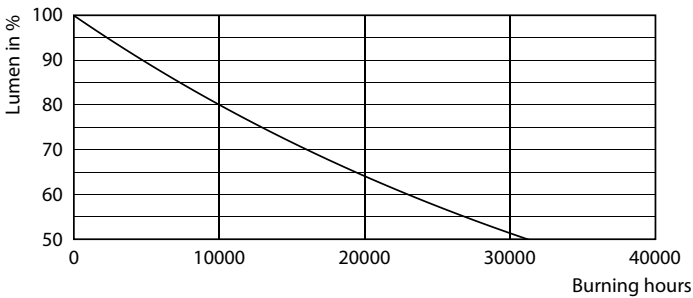
General uniform lighting - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT



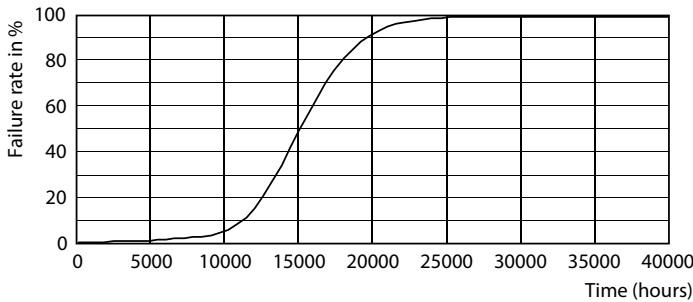
Spectral Power Distribution Colour - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

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Lifetime



Lumen Maintenance Diagram - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT



Life Expectancy Diagram - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

