



# Essential LEDspot MR16

## Essential LED 2.6–20W 6500K MR16 24D

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

### Product data

| General Information |                |
|---------------------|----------------|
| Cap-Base            | GU5.3 [GU5.3]  |
| Nominal lifetime    | 15,000 hour(s) |
| Switching Cycle     | 50,000         |
| Lighting Technology | LED            |
| EU RoHS compliant   | Yes            |

| Light Technical                       |                    |
|---------------------------------------|--------------------|
| Color Code                            | 865 [CCT of 6500K] |
| Beam Angle (Nom)                      | 24 degree(s)       |
| Luminous Flux                         | 170 lm             |
| Luminous Intensity (Nom)              | 750 cd             |
| Correlated Color Temperature (Nom)    | 6500 K             |
| Luminous Efficacy (rated) (Nom)       | 65.38 lm/W         |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| 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         | 2.6 W                |
| Lamp Current (Nom)        | 363 mA               |
| Wattage Equivalent        | 20 W                 |
| Starting Time (Nom)       | 0.5 s                |
| Warm-up time to 60% light | instant full light s |
| Power Factor (Fraction)   | 0.5                  |
| Voltage (Nom)             | 12 V                 |

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

| Mechanical and Housing |                   |
|------------------------|-------------------|
| Bulb Shape             | MR16 [2inch/50mm] |

| Approval and Application      |       |
|-------------------------------|-------|
| Suitable For Accent Lighting  | Yes   |
| Energy Consumption kWh/1000 h | 4 kWh |

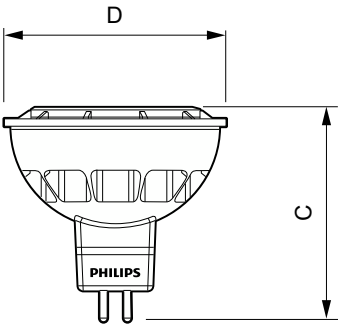
| Product Data       |                                      |
|--------------------|--------------------------------------|
| Order product name | Essential LED 2.6–20W 6500K MR16 24D |
| Full product name  | Essential LED 2.6–20W 6500K MR16 24D |

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|                               |                 |
|-------------------------------|-----------------|
| Full product code             | 871829166356000 |
| Order code                    | 929000232808    |
| Material Nr. (12NC)           | 929000232808    |
| Numerator - Quantity Per Pack | 1               |
| EAN/UPC - Product/Case        | 8718291663560   |

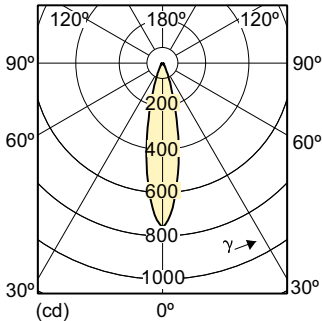
|                                 |               |
|---------------------------------|---------------|
| Numerator - Packs per outer box | 20            |
| EAN/UPC - Case                  | 8718291663577 |

Dimensional drawing



| Product                              | D       | C       |
|--------------------------------------|---------|---------|
| Essential LED 2.6-20W 6500K MR16 24D | 49.9 mm | 47.6 mm |

Photometric data



Light Distribution Diagram - Essential LED 2.6-20W 6500K MR16 24D

