



# MASTER VALUE LEDs

## pot LV

### MASTER LED 5.5-50W 4000K MR16 36D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

#### Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

#### Product data

| General Information |                    |                                    |                 |
|---------------------|--------------------|------------------------------------|-----------------|
| Cap-Base            | GU5.3              | Beam Angle (Nom)                   | 36 degree(s)    |
| Nominal lifetime    | 25,000 hour(s)     | Luminous Flux                      | 450 lm          |
| Switching Cycle     | 50,000             | Luminous Intensity (Nom)           | 1,000 cd        |
| Lighting Technology | LED                | Color Designation                  | Cool White (CW) |
| EU RoHS compliant   | Yes                | Correlated Color Temperature (Nom) | 4000 K          |
|                     |                    | Luminous Efficacy (rated) (Nom)    | 82.00 lm/W      |
|                     |                    | Color Consistency                  | <6              |
|                     |                    | Color rendering index (CRI)        | 80              |
| Light Technical     |                    |                                    |                 |
| Color Code          | 840 [CCT of 4000K] |                                    |                 |

MASTER VALUE LEDspot LV

|                                       |      |
|---------------------------------------|------|
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
|---------------------------------------|------|

|                           |        |
|---------------------------|--------|
| Operating and Electrical  |        |
| Line Frequency            | - Hz   |
| Input Frequency           | - Hz   |
| Power Consumption         | 5.5 W  |
| Lamp Current (Nom)        | 640 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)             | 12 V   |

|                      |       |
|----------------------|-------|
| Temperature          |       |
| T-Case Maximum (Nom) | 95 °C |

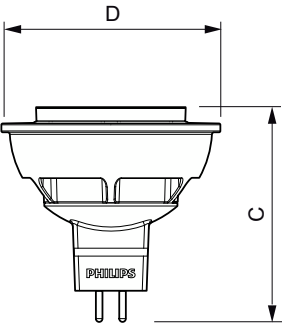
|                      |    |
|----------------------|----|
| Controls and Dimming |    |
| Dimmable             | No |

|                        |      |
|------------------------|------|
| Mechanical and Housing |      |
| Bulb Shape             | MR16 |

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

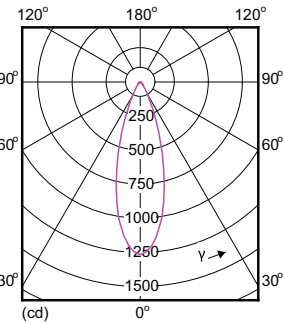
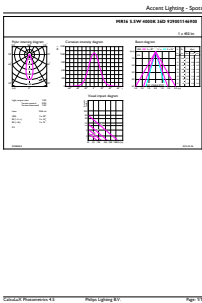
|                                 |                                   |
|---------------------------------|-----------------------------------|
| Product Data                    |                                   |
| Order product name              | MASTER LED 5.5-50W 4000K MR16 36D |
| Full product name               | MASTER LED 5.5-50W 4000K MR16 36D |
| Full product code               | 871869647611600                   |
| Order code                      | 929001146908                      |
| Material Nr. (12NC)             | 929001146908                      |
| Local order code                | 5.5WMR16CW36D                     |
| Numerator - Quantity Per Pack   | 1                                 |
| EAN/UPC - Product/Case          | 8718696476116                     |
| Numerator - Packs per outer box | 10                                |
| EAN/UPC - Case                  | 8718696476123                     |

Dimensional drawing



| Product                           | D       | C     |
|-----------------------------------|---------|-------|
| MASTER LED 5.5-50W 4000K MR16 36D | 50.2 mm | 49 mm |

Photometric data



General uniform lighting - MASTER LED 5.5-50W 4000K MR16 36D

Light Distribution Diagram - MASTER LED 5.5-50W 4000K MR16 36D

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