



MASTER LEDspot LV

MASTER LED 5.5-50W 3000K 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 [GU5.3] |
| EU RoHS compliant | Yes |
| Nominal lifetime (nom.) | 25000 h |
| Switching cycle | 50,000X |
| Technical type | 5.5-50W |
| Light Technical | |
| Colour Code | 830 [CCT of 3,000 K] |
| Beam Angle (Nom) | 36 ° |
| Luminous flux (nom.) | 425 lm |

| Luminous intensity (nom.) | 1000 cd |
|--|------------|
| Colour designation | White (WH) |
| Correlated Colour Temperature (Nom) | 3000 K |
| Luminous efficacy (rated) (nom.) | 77.00 lm/W |
| Colour consistency | <6 |
| Colour rendering index (nom.) | 80 |
| LLMF at end of nominal lifetime (nom.) | 70 % |
| Operating and Electrical | |
| Input frequency | - Hz |
| Power (Rated) (Nom) | 5.5 W |

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| | |
|----------------------------------|--------|
| Lamp current (nom.) | 640 mA |
| Wattage equivalent | 50 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.7 |
| Voltage (Nom) | 12 V |

Temperature

| | |
|-----------------------|-------|
| T-Case maximum (nom.) | 95 °C |
|-----------------------|-------|

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
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Approval and Application

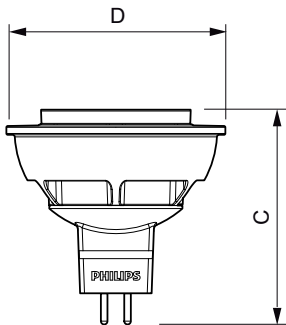
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|-------------------------------|----------------|
| Energy efficiency label (EEL) | Not applicable |
|-------------------------------|----------------|

| | |
|------------------------------------|-------|
| Energy-saving product | Yes |
| Suitable for accent lighting | Yes |
| Energy consumption kWh/1,000 hours | - kWh |

Product Data

| | |
|---------------------------------|-----------------------------------|
| Full product code | 871869647605500 |
| Order product name | MASTER LED 5.5-50W 3000K MR16 36D |
| EAN/UPC – product | 8718696476055 |
| Order code | 47605500 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 10 |
| SAP material | 929001146608 |
| SAP net weight (piece) | 0.035 kg |

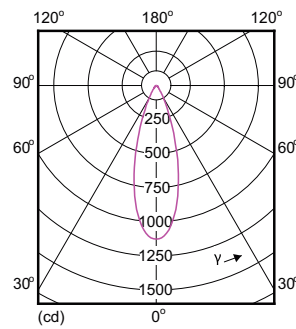
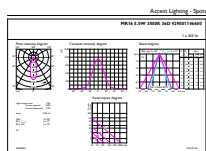
Dimensional drawing



MR16 12V 5.5W-50W 380lm 3000K GU5.3 ND

| Product | D | C |
|-----------------------------------|---------|-------|
| MASTER LED 5.5-50W 3000K MR16 36D | 50.2 mm | 49 mm |

Photometric data



MASTER LED 5.5-50W MR16 GU5.3 3000K 425lm 36D

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