



# MASTER LEDspot MV

## MAS LED spot VLE D 7-80W GU10 840 36D

Delivering a warm, halogen-like accent beam, MASTER LEDspot MV is a perfect fit for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suitable to public areas where the light is on 24/7, such as lobbies, corridors, stairwells. MASTER LEDspot MV delivers huge energy savings and minimises maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. These LEDspots are compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement for halogen or incandescent spots. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere. For environments where the right atmosphere needs to be created (e.g. bars and restaurants), the “DimTone” feature could be useful. This is a LED feature that creates a warmer tone once light is dimmed down to lower intensities.

### Product data

| General Information                  |                           |
|--------------------------------------|---------------------------|
| Cap base                             | GU10 [ GU10]              |
| Nominal lifetime (nom.)              | 25000 h                   |
| Switching cycle                      | 50000X                    |
| Technical type                       | 7-80W                     |
| Light Technical                      |                           |
| Colour code                          | 840 [ CCT of 4000K (841)] |
| Beam Angle (Nom)                     | 36 °                      |
| Luminous flux (nom.)                 | 610 lm                    |
| Luminous flux (rated) (nom.)         | 610 lm                    |
| Luminous intensity (nom.)            | 1200 cd                   |
| Colour designation                   | Cool White (CW)           |
| Rated beam angle                     | 36 °                      |
| Correlated colour temperature (nom.) | 4000 K                    |

| Luminous efficacy (rated) (nom.)       | 87.14 lm/W  |
|--|-------------|
| Colour consistency                     | <6          |
| Color rendering index (nom.)           | 80          |
| LLMF at end of nominal lifetime (nom.) | 70 %        |
| Luminous Flux in 90° Cone (Rated)      | 610 lm      |
| Operating and Electrical               |             |
| Input frequency                        | 50 to 60 Hz |
| Power (Rated) (Nom)                    | 7 W         |
| Lamp current (nom.)                    | 35 mA       |
| Wattage equivalent                     | 80 W        |
| Starting time (nom.)                   | 0.5 s       |
| Warm-up time to 60% light (nom.)       | 0.5 s       |
| Power factor (nom.)                    | 0.8         |

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|                                 |           |
|---------------------------------|-----------|
| <b>Voltage (Nom)</b>            | 220-240 V |
| <b>Temperature</b>              |           |
| T-Case maximum (nom.)           | 85 °C     |
| <b>Controls and Dimming</b>     |           |
| Dimmable                        | Yes       |
| <b>Approval and Application</b> |           |
| Suitable for accent lighting    | Yes       |
| Energy efficiency label (EEL)   | A+        |
| Energy Consumption kWh/1000 h   | 7 kWh     |

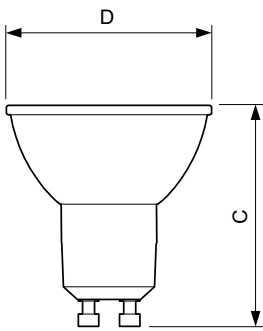
## Product Data

|  |                                       |
|--|---------------------------------------|
| <b>Full product code</b>               | 871869670799900                       |
| <b>Order product name</b>              | MAS LED spot VLE D 7-80W GU10 840 36D |
| <b>EAN/UPC – product</b>               | 8718696707999                         |
| <b>Order code</b>                      | 70799900                              |
| <b>Numerator – quantity per pack</b>   | 1                                     |
| <b>Numerator – packs per outer box</b> | 10                                    |
| <b>Material no. (12NC)</b>             | 929001349502                          |
| <b>Net weight (piece)</b>              | 0.038 kg                              |

## 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

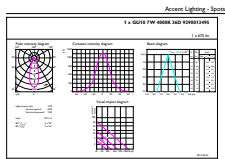
## Dimensional drawing



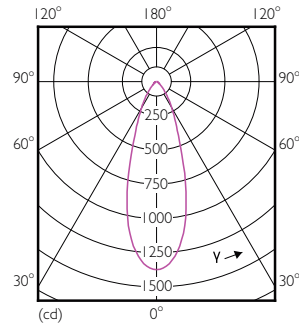
GU10 230V7W-80W 570lm 36D 4000K GU10 Dim

| Product                               | D     | C     |
|---------------------------------------|-------|-------|
| MAS LED spot VLE D 7-80W GU10 840 36D | 50 mm | 54 mm |

## Photometric data

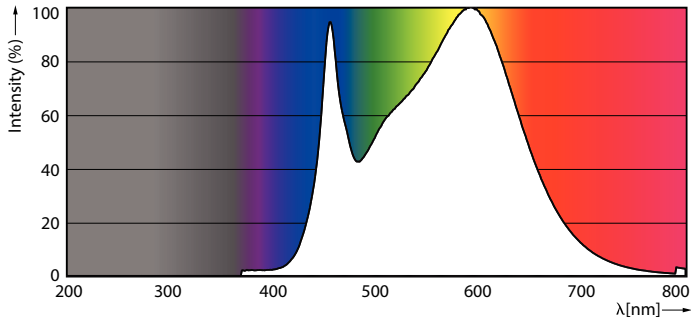


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## Photometric data



## Lifetime

