

# PRODUCT DATASHEET

## LM SPOT 50-1400-830-40D

LED MODULE SPOT 50 | LED modules



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### Areas of application

- Suitable for indoor applications.
- Shops
- Bars, restaurants, hotels
- Museums, galleries

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### Product features

- Fits into standard MR16 luminaires
- Compatible with constant current LED driver with 350mA rated
- Lifetime (L70/B50): 50,000 h (temperature at  $T_a = 40\text{ °C}$ )
- High initial color consistency: 3 SDCM



TECHNICAL DATA

Electrical data

|                      |            |
|----------------------|------------|
| Nominal wattage      | 12.30 W    |
| Construction wattage | 12.30 W    |
| Nominal voltage      | 36.9 V     |
| Type of current      | DC         |
| Nominal current      | 350.000 mA |

Photometrical data

|                                      |            |
|--------------------------------------|------------|
| Luminous efficacy                    | 110 lm/W   |
| Luminous flux                        | 1360 lm    |
| Color temperature                    | 3000 K     |
| Color rendering index Ra             | 80         |
| Light color (designation)            | Warm White |
| Standard deviation of color matching | ≤3 sdcn    |

Light technical data

|                                    |         |
|------------------------------------|---------|
| Beam angle                         | 40 °    |
| Rated beam angle (half peak value) | 40.00 ° |

Dimensions & Weight



|                |          |
|----------------|----------|
| Length         | 50.00 mm |
| Width          | 50.00 mm |
| Height         | 50.00 mm |
| Diameter       | 50,0 mm  |
| Product weight | 90.00 g  |

Colors & materials

|               |       |
|---------------|-------|
| Product color | Black |
|---------------|-------|

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 90 °C        |

### Lifespan

|                        |         |
|------------------------|---------|
| Nominal lamp life time | 50000 h |
|------------------------|---------|

### Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Certificates & Standards

|                    |                          |
|--------------------|--------------------------|
| Standards          | RoHS / Acc. to IEC 62471 |
| Type of protection | IP20                     |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075258464 | Folding box<br>1             | 54 mm x 54 mm x 64 mm                | 121.00 g     | 0.19 dm <sup>3</sup> |
| 4058075258471 | Shipping box<br>20           | 280 mm x 118 mm x 136 mm             | 2580.00 g    | 4.49 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.