

# PRODUCT DATASHEET

## SPOT LED AD PRO 2 W 3000 K 14 ° ADJ

LED VALUE SPOT | LED spotlights



### Areas of application

- Spotlighting for shop windows, displays, shelves
- Offices
- Residential interiors
- Hospitality
- Retail
- Indoor wall washer

### Product benefits

- High power COB LED provides high lumen output in compact housing
- Double optic design for replication of the halogen spot effect
- Robust housing and front ring made of high grade aluminum
- External driver for reduced overall height for use also in low suspended ceilings
- Low maintenance costs thanks to long lifetime of LED
- High efficiency and reliability

### Product features

- 2 W, 3 W, 5 W, 8 W and 10 W version available
- Beam angles: 10°, 14°, 24° and 36°
- Color temperature: 3,000 K



- Color rendering index  $R_a$ :  $\geq 80$
- Pre-wired with mains cable
- Long lifetime: up to 30,000 h
- CCC marked, CB test certificate

## TECHNICAL DATA

### Electrical data

|                        |             |
|------------------------|-------------|
| Nominal wattage        | 2.00 W      |
| Nominal voltage        | 220...240 V |
| Mains frequency        | 50...60 Hz  |
| Nominal current        | 20 mA       |
| Power factor $\lambda$ | $\geq 0.5$  |
| Protection class       | II          |

### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 95 lm                     |
| Luminous efficacy                            | 50 lm/W                   |
| Color temperature                            | 3000 K                    |
| Light color (designation)                    | Warm White                |
| Color rendering index Ra                     | 80                        |
| Standard deviation of color matching         | $\leq 6$ sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778 | RG1                       |
| Beam angle                                   | 14 °                      |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 52.00 mm |
| Height         | 30.00 mm |
| Product weight | 87.00 g  |

### Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | White              |
| Housing color   | White              |
| Body material   | Aluminum           |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

### Application & Mounting

|                              |                 |
|------------------------------|-----------------|
| Ambient temperature range    | -15...+45 °C    |
| Temperature range at storage | -40...+70 °C    |
| Type of connection           | Cable/Connector |
| Type of protection           | IP20            |

|                          |            |
|--------------------------|------------|
| Dimmable                 | No         |
| Mounting type            | Recessed   |
| Mounting location        | Ceiling    |
| Application environment  | Indoor     |
| Mounting diameter        | 44...46 mm |
| Replaceable light source | No         |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 25000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Replaceable light source (EPREL) | Not replaceable |
|----------------------------------|-----------------|

### DOWNLOAD DATA

| Photometric and lighting design files                                                             | Document name            |
|---------------------------------------------------------------------------------------------------|--------------------------|
|  IES file (IES) | SPOT LED AD PRO 2W/3000K |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075247109 | Folding box<br>1             | 97 mm x 97 mm x 74 mm                | 126.00 g     | 0.70 dm <sup>3</sup>  |
| 4058075247116 | Shipping box<br>36           | 410 mm x 315 mm x 250 mm             | 5155.00 g    | 32.29 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.