

# PRODUCT DATASHEET

## Spot Set Recess DIM 4.9W 827 120° Black

LED Spot Set Recess DIM | Recess with integrated dimmable LED



### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

### Product benefits

- Can be rotated and swiveled for optimum illumination
- Through-wiring possible with included connector box
- Easy mounting

### Product features

- Recessed ceiling mounting
- Dimmable (with suitable Phase-cut dimmers)
- Adjustable swivel angle
- With integrated LED module and driver
- Color temperature: 2,700 K
- Through wiring possible
- Type of protection: IP20



TECHNICAL DATA

Electrical data

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 4.90 W        |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 33.000 mA     |
| Inrush current                                              | 4.1 A         |
| Max. number of luminaires per miniature circuit breaker B16 | 38            |
| Max. number of luminaires per miniature circuit breaker C10 | 24            |
| Max. number of luminaires per miniature circuit breaker C16 | 38            |
| Power factor $\lambda$                                      | 0.40          |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

Photometrical data

|                                                |                    |
|------------------------------------------------|--------------------|
| Luminous flux                                  | 190 lm             |
| Total luminous flux of contained light sources | 420 lm             |
| Luminous efficacy                              | 39 lm/W            |
| Color temperature                              | 2700 K             |
| Light color (designation)                      | Warm White         |
| Color rendering index Ra                       | 80                 |
| Standard deviation of color matching           | 6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | < 1                |
| Stroboscope effect metric (SVM)                | < 0.4              |
| Photobiological safety group acc. to EN62778   | RG1                |
| Beam angle                                     | 120 °              |

Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 90.00 mm |
| Height         | 27.50 mm |
| Product weight | 96.00 g  |

Materials & Colors

|               |                  |
|---------------|------------------|
| Product color | Black            |
| Housing color | Black            |
| Body material | Aluminum Plastic |

|                                            |        |
|--------------------------------------------|--------|
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content                            | 0.0 mg |

### Application & Mounting

|                                        |                         |
|----------------------------------------|-------------------------|
| Ambient temperature range              | -20...+40 °C            |
| Temperature range at storage           | -20...+80 °C            |
| Type of connection                     | Terminal, 2-Pole (L, N) |
| Type of protection                     | IP20/IP20               |
| Protection class IK (shock resistance) | IK03                    |
| Dimmable                               | Yes                     |
| Type of dimming                        | PHASE CUT               |
| Mounting type                          | Recessed                |
| Mounting location                      | Ceiling                 |
| Mounting diameter                      | 75 mm                   |
| Mounting depth                         | 40 mm                   |
| With light source                      | Yes                     |
| Replaceable light source               | No                      |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

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

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

### Additional product data

|                |                              |
|----------------|------------------------------|
| Product remark | Available from November 2025 |
|----------------|------------------------------|

### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

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## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                    |
|----------------------------------------------------------------------------------|----------------------------------------|----------------------------------|
|  | User instruction / safety instructions | Spotlights Adjustable 3x4.9W 827 |
|  | Declarations of conformity             | Spotlights                       |
|  | Declarations of conformity UKCA        | Spotlights                       |

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075853836 | Folding box<br>3             | 94 mm x 202 mm x 103 mm              | 348.00 g     | 1.96 dm <sup>3</sup>  |
| 4058075853843 | Shipping box<br>24           | 392 mm x 216 mm x 231 mm             | 3242.00 g    | 19.56 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.

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## DISCLAIMER

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