

## LR700-SD-G1 835-01 0.9W 24VDC

LINEARlight Rigid NICHE | Professional LED modules



### Product family benefits

- Elegant appearance, soft lighting, super slim design
- Seamless connection hidden in the structure, homogeneous light
- Surface mounting with screws or magnets for easy installation
- Available in warm white and cool white
- Viewing angle per module: 120°
- Dimmable (with suitable PWM dimming methods)

### Areas of application

- Interior lighting
- Show case and stock shelf lighting
- Retail and supermarkets
- Corridors and stairwells



## Product datasheet

### Technical data

#### Electrical data

|   |           |
|---|-----------|
| Nominal voltage                                   | 24.0 V    |
| Type of current                                   | DC        |
| Rated wattage                                     | 0.90 W    |
| Input voltage range                               | 23...25 V |
| Accidental reverse input voltage protection up to | 25 V      |

#### Photometrical data

|                            |                      |
|----------------------------|----------------------|
| Light color LED            | White                |
| Color temperature          | 3500 K <sup>1)</sup> |
| Color rendering index Ra   | >80                  |
| Total useful luminous flux | 62 lm                |
| Luminous efficacy          | 68 lm/W              |
| Light color (designation)  | White                |

<sup>1)</sup> Emitted CCT 3100K

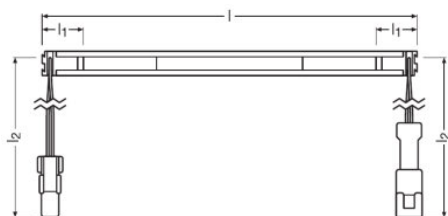
#### Light technical data

|                                    |          |
|------------------------------------|----------|
| Rated beam angle (half peak value) | 123.00 ° |
| Starting time                      | < 0.5 s  |
| Warm-up time (60 %)                | < 0.50 s |

#### LED module information

|                           |    |
|---------------------------|----|
| Number of LEDs per module | 14 |
|---------------------------|----|

#### Dimensions & weight



|                |          |
|----------------|----------|
| Length         | 102.0 mm |
| Product weight | 9.90 g   |

## Product datasheet

### Colors & materials

|                |                    |
|----------------|--------------------|
| Cover material | Polycarbonate (PC) |
| Body material  | Aluminum           |

### Temperatures & operating conditions

|  |             |
|--|-------------|
| Maximum temperature at tc test point       | 70 °C       |
| Temperature range at storage               | -20...65 °C |
| Temperature range in operation at Tc point | -20...70 °C |

### Certificates & standards

|           |  |
|-----------|--|
| Standards | Acc. to IEC 62471/Acc. to EN 60529/Acc. to IEC 60598-1 (clause 15)/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE |
|-----------|--|




### Logistical data

|                |              |
|----------------|--------------|
| Commodity code | 940542319000 |
|----------------|--------------|

### Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |               |
|---|---------------|
| Date of Declaration   | 14-01-2022    |
| Primary Article Identifier  | 4062172021418 |
| Declaration No. in SCIP database                                      | In work       |

### Download Data

| File   |
|--|
|  Product Datasheet<br>LINEARlight Rigid NICHE specification sheet |
|  CAD data<br>LR700SD-G1-xxx-01                                    |
|  Eulumdat<br>Eulumdat LR700SD-G1-835-01                           |

### Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|--------------|---------------------|------------------------------|--------------------------------------|--------|--------------|
|--------------|---------------------|------------------------------|--------------------------------------|--------|--------------|

## Product datasheet

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### Logistical Data

|               |                                  |                            |                          |                      |           |
|---------------|----------------------------------|----------------------------|--------------------------|----------------------|-----------|
| 4062172021418 | LR700-SD-G1 835-01<br>0.9W 24VDC | Shipping carton box<br>200 | 320 mm x 200 mm x 140 mm | 8.96 dm <sup>3</sup> | 4292.00 g |
|---------------|----------------------------------|----------------------------|--------------------------|----------------------|-----------|

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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### Accessories Optional

| Product description              | Accessory name                 | Accessory code  |
|----------------------------------|--------------------------------|-----------------|
| LR700-SD-G1 835-01 0.9W<br>24VDC | LR700-SD-G1 -POWER CABLE 3000  | ▶ 4062172027229 |
| LR700-SD-G1 835-01 0.9W<br>24VDC | LR700-SD-G1 -JUMPER CABLE 0300 | ▶ 4062172027243 |
| LR700-SD-G1 835-01 0.9W<br>24VDC | LR700-SD-G1 -PLATE FOR MAGNET  | ▶ 4062172027267 |
| LR700-SD-G1 835-01 0.9W<br>24VDC | LR700-SD-G1 -CONNECTORS HOLDER | ▶ 4062172027281 |
| LR700-SD-G1 835-01 0.9W<br>24VDC | LR700-SD-G1 -CLIP              | ▶ 4062172026918 |

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### Disclaimer

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