



3W LED Recessed Downlight, 3-Inch, 3500K, 270 Lumens, 120-240V AC

- Delivers 270 lumens at 3W with efficacy up to 90 lm/W
- SMD2835 LED chip technology in 3500K color temperature
- 60° beam angle for focused accent and task lighting
- ABS housing rated IP20 for general interior use
- Rated LED lifetime of 50,000 hours
- Operates on 120-240V AC input

OVERVIEW

The 9-CLP-R3WW is a 3W LED downlight in the CLP Series, designed for recessed installation in residential and commercial applications. Its compact 3-inch diameter profile suits accent and task lighting in retail, gallery, and general interior environments.

The fixture uses SMD2835 chip technology and operates at 3500K, producing 270 lumens at an efficacy of 90 lm/W. CRI is rated above 70, supporting reasonable color accuracy for merchandise and display applications. The ABS housing operates across an ambient range of -30 to 50°C and carries an IP20 rating with a 60° beam angle.

SPECIFICATIONS

OPTICAL

|                   |          |
|-------------------|----------|
| Luminous Flux     | 270 lm   |
| Efficacy          | 90 lm/W  |
| Color Temperature | 3,500 K  |
| CRI               | 70       |
| Beam Angle        | 60°      |
| LED Chip Type     | SMD2835  |
| LED Lifetime      | 50,000 h |

MECHANICAL

|                    |                    |
|--------------------|--------------------|
| Product Dimensions | 1.25 × 3.25 × 3 ft |
| Finish             | White              |
| Material           | ABS                |
| Weight             | 0.1 lb             |

ORDERING

|          |     |
|----------|-----|
| Warranty | 1 y |
|----------|-----|

ELECTRICAL

|                   |           |
|-------------------|-----------|
| Operating Voltage | 120-240 V |
| Wattage           | 3 W       |

ENVIRONMENTAL

|                               |                         |
|-------------------------------|-------------------------|
| IP Rating                     | IP20                    |
| Ambient Operating Temperature | -30-50 °C<br>-22-122 °F |

APPLICATIONS

- Retail display lighting
- Gallery and museum accent lighting
- Residential recessed ceiling lighting
- General interior task lighting
- Hospitality and office ceiling installations

PROVENANCE — REVIEW COPY ONLY

| slug               | value              | source | confidence |
|--------------------|--------------------|--------|------------|
| lumens             | 270 lm             | db     | high       |
| efficacy_lm_per_w  | 90 lm/W            | db     | high       |
| cct_k              | 3,500 K            | db     | high       |
| cri                | 70                 | db     | high       |
| beam_angle_deg     | 60°                | db     | high       |
| led_chip_type      | SMD2835            | db     | high       |
| led_lifetime_h     | 50,000 h           | db     | high       |
| operating_voltage  | 120–240 V          | db     | high       |
| wattage            | 3 W                | db     | high       |
| product_dimensions | 1.25 × 3.25 × 3 ft | db     | high       |
| finish             | White              | db     | high       |
| material           | ABS                | db     | high       |
| weight             | 0.1 lb             | db     | high       |
| ip_rating          | IP20               | db     | high       |
| ambient_temp_c     | –30–50 °C          | db     | high       |
| warranty_years     | 1 y                | db     | high       |

Specifications subject to change without notice.