



## LED Area Light, 250W, 32500lm, 5000K, Type III Distribution, Slipfitter Mount, IP65

- 250W LED area light delivering 32,500 lumens at 130 lm/W efficacy
- Type III distribution with 90° beam angle for roadway and perimeter coverage
- ADC12 die-cast aluminum housing with polycarbonate lens, IP65 rated
- Operates on 120-277VAC input with integrated dusk-to-dawn photocell
- Rated for -40°C to 40°C ambient operating temperature
- DLC listed, slipfitter mount, 1-year limited warranty

### OVERVIEW

The 1-ST-G250-50K-A-S is a 250W LED area light designed for commercial and industrial outdoor applications such as parking lots, roadways, and large open sites. It features an integrated dusk-to-dawn photocell and a Type III distribution pattern suited for perimeter and roadway lighting layouts, with a slipfitter mount for pole installation.

The fixture operates on a 120-277V input and produces 32,500 lumens at 5000K with a CRI of 70 and an efficacy of 130 lm/W. The housing is constructed from ADC12 die-cast aluminum with a polycarbonate lens and carries an IP65 rating for protection against dust and water ingress. It is rated for ambient operating temperatures from -40°C to 40°C, measures 33 × 14 × 6 inches, and weighs approximately 19.22 lbs.

This unit is DLC listed and offered as a liquidation item carrying a limited 1-year warranty.

### SPECIFICATIONS

#### OPTICAL

|                   |                 |
|-------------------|-----------------|
| Luminous Flux     | 32,500 lm       |
| Efficacy          | 130 lm/W        |
| Color Temperature | 5,000 K         |
| CRI               | 70              |
| Beam Angle        | 90°             |
| LED Chip Type     | Epistar SMD2835 |
| LED Lifetime      | 45,000 h        |
| Lens Type         | Polycarbonate   |
| Distribution Type | Type III        |

#### ELECTRICAL

|                   |           |
|-------------------|-----------|
| Operating Voltage | 120-277 V |
| Wattage           | 250 W     |

MECHANICAL

|                    |                |
|--------------------|----------------|
| Product Dimensions | 33 × 14 × 6 in |
| Material           | ADC12          |
| Mounting           | Slipfitter     |
| Weight             | 19.22 lb       |

ORDERING

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

CERTIFICATIONS & COMPLIANCE



DesignLights Consortium

APPLICATIONS

- Parking lot lighting
- Roadway and street lighting
- Warehouse yard perimeter lighting
- Industrial site area lighting
- Commercial building perimeter lighting

PROVENANCE — REVIEW COPY ONLY

| slug                 | value           | source | confidence |
|----------------------|-----------------|--------|------------|
| lumens               | 32,500 lm       | db     | high       |
| efficacy_lm_per_w    | 130 lm/W        | db     | high       |
| cct_k                | 5,000 K         | pdf    | high       |
| cri                  | 70              | db     | high       |
| beam_angle_deg       | 90°             | db     | high       |
| led_chip_type        | Epistar SMD2835 | pdf    | medium     |
| led_lifetime_h       | 45,000 h        | db     | high       |
| lens_type            | Polycarbonate   | db     | high       |
| distribution_type    | Type III        | db     | high       |
| operating_voltage    | 120–277 V       | db     | high       |
| wattage              | 250 W           | db     | high       |
| product_dimensions   | 33 × 14 × 6 in  | db     | high       |
| material             | ADC12           | db     | high       |
| mount_type           | Slipfitter      | pdf    | high       |
| weight               | 19.22 lb        | db     | high       |
| ip_rating            | IP65            | db     | high       |
| environmental_rating | Waterproof      | db     | high       |
| ambient_temp_c       | -40–40 °C       | db     | high       |
| warranty_years       | 1 y             | db     | high       |

Specifications subject to change without notice.