



LED Area Light 100W 13000lm 5000K, Type III Distribution, IP65 Wall or Pole Mount

- 100W Epistar SMD2835 LED chip design
- 13,000 lumen output at 70 CRI
- ADC12 die-cast aluminum housing rated IP65
- 120-277VAC universal input voltage
- 50,000 hour rated LED lifetime
- ETL and DLC listed for commercial use

OVERVIEW

The 1-ST-G100-50K-B-SC is a 100W LED area light built for commercial and industrial outdoor use, including parking lots, roadways and perimeter lighting. It produces 13,000 lumens at 5000K with Type III distribution for wide lateral coverage and mounts to a wall or pole.

The fixture uses Epistar SMD2835 chips, operates on 120-277VAC input, and carries a 50,000 hour rated LED lifetime with a 90° beam angle and CRI of 70. Housing is ADC12 die-cast aluminum rated IP65 for dust and water resistance, with an ambient operating range of -40 to 40°C.

This unit is ETL and DLC listed and is offered as a liquidation item with a limited warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	13,000 lm
Color Temperature	5,000 K
CRI	70
Beam Angle	90°
LED Chip Type	Epistar SMD2835
LED Lifetime	50,000 h

MECHANICAL

Material	ADC12
Mounting	Wall or Pole Mount

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	100 W

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-40-40 °C -40-104 °F

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

DLC

DesignLights Consortium

APPLICATIONS

- Parking lot lighting
- Roadway and street lighting
- Perimeter and security lighting
- Industrial yard lighting
- Commercial parking structures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	13,000 lm	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	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–277 V	db	high
wattage	100 W	db	high
material	ADC12	db	high
mount_type	Wall or Pole Mount	pdf	medium
ip_rating	IP65	db	high
ambient_temp_c	–40–40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.