



150W LED Area Light, 19,500lm, 5000K, Type III Distribution, IP65, Slipfitter Mount

- 150W consumption yields 19,500 lm output at 130 lm/W efficacy
- 5000K color temperature with 70 CRI and Type III distribution
- IP65-rated ADC12 die-cast aluminum housing with polycarbonate lens
- Operates on 120-277V input across -40°C to 40°C ambient range
- 45,000-hour rated LED lifetime using Epistar SMD2835 chips
- ETL and DLC listed for commercial specification compliance

OVERVIEW

The 1-ST-G150-50K-A is a 150W LED area light for commercial and industrial outdoor applications such as parking lots, roadways, and large open spaces. It delivers 19,500 lumens at 5000K with a Type III distribution pattern for wide lateral coverage along roadways or perimeter layouts.

The fixture is built from ADC12 die-cast aluminum with a polycarbonate lens and carries an IP65 rating for dust and water ingress protection. It operates on 120-277V input, uses Epistar SMD2835 chips rated for 45,000 hours, and measures 27 × 14 × 5 in at 6.1 lb. CRI is rated at 70 with a 90° beam angle and -40°C to 40°C ambient operating range.

The unit is ETL and DLC listed and carries a 1-year limited warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	19,500 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

MECHANICAL

Product Dimensions	27 × 14 × 5 in
Material	ADC12
Mounting	Slipfitter
Weight	6.1 lb

ELECTRICAL

Operating Voltage	120-277 V
Wattage	150 W

ENVIRONMENTAL

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

ORDERING

Warranty

1 y

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

DLC

DesignLights Consortium

APPLICATIONS

Parking lot area lighting

Roadway and street lighting

Loading dock and perimeter lighting

Campus walkways and open yards

Industrial site security lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	19,500 lm	db	high
efficacy_lm_per_w	130 lm/W	pdf	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
operating_voltage	120–277 V	db	high
wattage	150 W	db	high
product_dimensions	27 × 14 × 5 in	db	high
material	ADC12	db	high
mount_type	Slipfitter	pdf	medium
weight	6.1 lb	db	high
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.