



LED Area Light, 120W, 15600lm, 5000K, Type III Distribution, IP65

- 120W LED area light producing 15,600 lumens at 5000K CCT
- Type III distribution with a 90° beam angle for roadway edge coverage
- Die-cast ADC12 aluminum housing rated IP65 for wet locations
- Operates on a 120-277VAC input across a wide voltage range
- Rated LED lifetime of 45,000 hours with -40°C to 40°C ambient range
- ETL and DLC certified with a 1-year warranty

OVERVIEW

The 1-ST-G120-50K-A is a 120W LED area light built for commercial and industrial outdoor applications including parking lots, roadways and perimeter lighting. It produces a Type III distribution pattern suited for pole-mounted installations along roadway edges or open areas requiring lateral light spread, and mounts via slipfitter.

The fixture operates on a 120-277VAC input and delivers 15,600 lumens at 5000K with a CRI of 70 and a 90° beam angle. The die-cast ADC12 aluminum housing carries an IP65 ingress protection rating for wet-location and direct-exposure use, with an ambient operating range of -40°C to 40°C and a rated LED lifetime of 45,000 hours. The unit measures 22 × 14 × 6 in and weighs 11 lb.

The fixture carries ETL and DLC certification and a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	15,600 lm
Color Temperature	5,000 K
CRI	70
Beam Angle	90°
LED Lifetime	45,000 h
Lens Type	Polycarbonate

MECHANICAL

Product Dimensions	22 × 14 × 6 in
Material	ADC12
Mounting	Slipfitter
Weight	11 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-277 V
Wattage	120 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
- Pole-mounted area lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	15,600 lm	db	high
cct_k	5,000 K	pdf	high
cri	70	db	high
beam_angle_deg	90°	db	high
led_lifetime_h	45,000 h	db	high
lens_type	Polycarbonate	db	high
operating_voltage	120–277 V	db	high
wattage	120 W	db	high
product_dimensions	22 × 14 × 6 in	db	high
material	ADC12	db	high
mount_type	Slipfitter	pdf	medium
weight	11 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.