



60W LED Street Light, 8400lm, 5000K, 140lm/W, IP65, Splitfitter Mount

- 60W Seoul SMD3031 array delivering 8,400 lm at 140 lm/W
- 5000K CCT with CRI 70 color rendering
- 0-10V dimmable with Sosen driver, 120-240V input
- IP65-rated aluminum and polycarbonate housing, bronze finish
- Rated for -30°C to 50°C ambient operating temperature
- UL and DLC listed, 1-year warranty

OVERVIEW

The 1-ST-RM60-50K-A-SC is a 60W LED street light built for roadway, parking lot, and area lighting applications, mounted via a splitfitter arm for pole installation. Its aluminum and polycarbonate housing carries an IP65 rating for wet-location use, and the bronze finish suits exterior commercial environments.

The fixture uses Seoul SMD3031 chips at a density of 68 LEDs/m, producing 8,400 lumens at 5000K CCT with a CRI of 70 and an efficacy of 140 lm/W. A Sosen driver supports 0-10V dimming across a 120-240V input range, and the unit operates in ambient temperatures from -30°C to 50°C with a rated LED lifetime of 50,000 hours.

The fixture is UL and DLC listed and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	8,400 lm
Efficacy	140 lm/W
Color Temperature	5,000 K
CRI	70
LED Chip Type	Seoul SMD3031
LED Density	68 LEDs/m
LED Lifetime	50,000 h
Light Color	White
Lens Type	Polycarbonate

MECHANICAL

Product Dimensions	22.5 × 13.25 × 1.75 ft
Finish	Bronze
Material	Aluminum and polycarbonate
Weight	15 lb

ELECTRICAL

Operating Voltage	120-240 V
Wattage	60 W
Dimmer Type	0 - 10V
Driver	Sosen

ENVIRONMENTAL

IP Rating	IP65
Ambient Operating Temperature	-30-50 °C -22-122 °F

ORDERING

Warranty

1 y

CERTIFICATIONS & COMPLIANCE



UL Listed



DesignLights Consortium Premium

APPLICATIONS

- Roadway and street lighting
- Parking lot illumination
- Area and site lighting
- Pathway and walkway lighting
- Industrial yard lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	8,400 lm	db	high
efficacy_lm_per_w	140 lm/W	db	high
cct_k	5,000 K	db	high
cri	70	db	high
led_chip_type	Seoul SMD3031	db	high
led_density	68 LEDs/m	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
lens_type	Polycarbonate	db	high
operating_voltage	120–240 V	db	high
wattage	60 W	db	high
dimmer_type	0 - 10V	db	high
driver	Sosen	db	high
product_dimensions	22.5 × 13.25 × 1.75 ft	db	high
finish	Bronze	db	high
material	Aluminum and polycarbonate	db	high
weight	15 lb	db	high
ip_rating	IP65	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.