



LED Street Light, 60W, 8400 lm, 5000K CCT, IP65 Rated, 0-10V Dimmable

- 60W fixture delivering 8,400 lumens at 140 lm/W efficacy
- Seoul SMD3031 chips at 68 LEDs/m density on aluminum/polycarbonate housing
- IP65 rated for wet-location roadway and area lighting use
- Sosen driver with 0-10V dimming control
- Rated for -30 to 50°C ambient operating range with 50,000-hour LED lifetime
- UL and DLC listed with 1-year warranty

OVERVIEW

The 1-ST-RM60-50K-B-SC is a 60W LED street light for roadway, parking lot, and area lighting applications, built with an aluminum and polycarbonate housing finished in bronze. It uses Seoul SMD3031 chips arranged at a density of 68 LEDs/m and is driven by a Sosen 0-10V dimmable driver.

The fixture outputs 8,400 lumens at 5000K CCT with a CRI of 70 and an efficacy of 140 lm/W, operating on 120-240VAC input. It carries an IP65 rating for wet-location use and is rated for ambient operating temperatures from -30 to 50°C, with an LED lifetime of 50,000 hours. Product dimensions are 22.5 × 13.25 × 1.75 ft at a unit weight of 15 lbs.

This unit 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

UL Listed

DLC

DesignLights Consortium Premium

APPLICATIONS

Roadway and street lighting

Parking lot illumination

Pathway and walkway lighting

Commercial area lighting

Pole or wall-mounted site 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.