



Square LED Step Lights for solar applications or other 10-30VDC systems. Up to 85% more efficient than line voltage AC solutions. Available in 5W round square step lights.

Color: Bronze

Weight: 1.5 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |          | LED Info        |        |
|--------------|----------|-----------------|--------|
| Type:        | DC to DC | Watts:          | 5W     |
| 120V:        | N/A      | Color Temp:     | 4000K  |
| 208V:        | N/A      | Color Accuracy: | 85 CRI |
| 240V:        | N/A      | L70 Lifespan:   | 100000 |
| 277V:        | N/A      | Lumens:         | 155    |
| Input Watts: | 5W       | Efficacy:       | 30 LPW |
| Efficiency:  | 96%      |                 |        |

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for mounting within 4ft. of the ground.

#### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### Electrical

#### Electrical Input Specifications:

Max Watts = 5.1W, Input Volts = 10-30V DC, Input Amps = 0.51 - 0.17A.

#### Surge Protection:

1000 Volts.

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Temperature (Nominal CCT):

4000K

#### Color Accuracy:

85 CRI

### Construction

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

#### Thermal Management:

Integral cast aluminum mounting pad for optimum heat sinking to ensure cool operation with maximum LED life and light output.

#### Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

#### Housing:

Precision die cast aluminum housing and mounting plate (junction box not included).

#### Gasket:

High temperature silicone.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Optical

#### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

#### Fixture Efficacy:

30 Lumens per Watt

### Other

#### Equivalency:

The SLED5 is Equivalent in delivered lumens to a 13W CFL or 60W incandescent step light.

#### HID Replacement Range:

The SLED5 can be used to replace 13-26W CFL or 13-60W incandescent step lights based on delivered lumens.

#### Patents:

The design of the SLED Lights are protected by U.S. Pat. 612,975, Canada Pat. 133101, and China Pat. ZL201030129140.1.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

## Dimensions

