



|              |       |
|--------------|-------|
| Project:     | Type: |
| Prepared By: | Date: |

| Driver Info |                  | LED Info       |                               |
|-------------|------------------|----------------|-------------------------------|
| Type        | Constant Current | Watts          | 6W                            |
| 120V        | 0.05A            | Color          | CCT Adjustable                |
| 208V        | N/A              | Temp           | 2700K/3000K/3500K/4000K/5000K |
| 240V        | N/A              | Color Accuracy | 90 CRI                        |
| 277V        | N/A              | L70 Lifespan   | 50,000 Hours                  |
| Input Watts | 6W               | Lumens         | 400 lm                        |
|             |                  | Efficacy       | 66.67                         |

Technical Specifications

Performance

Product Type:

Recessed Gimbal Downlight

Description:

Remote driver downlights are great for new construction and retrofit applications. Downlights provide small-aperture aesthetic, available in recessed, deep recessed and gimbal models in 2", 3", and 4" sizes.

Wattage Equivalency:

50W incandescent

Input Wattage:

6W

Lumens:

2700K @ 367lm; 3000K @ 404lm; 3500K @ 425lm; 4000K @ 434lm; 5000K @ 424lm

Efficacy:

2700K @ 61lm/W; 3000K @ 69lm/W; 3500K @ 74lm/W; 4000K @ 75lm/W; 5000K @ 71lm/W

L70 Lifespan:

50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:

Constant Current, Class 2, 60 Hz, 120V 0.05A

THD:

≤25%

Power Factor:

≥0.9

Dimmable:

Yes, dims down to 10% on compatible TRIAC/ELV systems. See Dimmer Compatibility List on rablighting.com.

Input Voltage:

120V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

50mA

Operating Temperature:

-13°C to 104°F (-25°C to 40°C)

MBCP:

885

Flicker:

≤30%

Beam Angle:

38°±5°

Tilt:

30°

LED Characteristics

Color Temperature:

Field adjustable via dip switch  
2700K/3000K/3500K/4000K/5000K

Color Accuracy (CRI):

>90 CRI

R9 Value:

High color performance with R9 greater than or equal to 50

Color Consistency:

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

## Technical Specifications (continued)

### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Installation

#### Mounting:

Recessed, no housing required

### Construction

#### Size:

2"

#### Shape:

Round

#### Finish:

White

#### Enclosure Material:

Metal

#### Trim Style:

Smooth

#### Lens:

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

#### Listings:

ETL Listed

#### Air Tight:

Housing certified Air Tight as per ASTM E283

### Compliance

#### Environment:

Suitable for use in dry, damp, and wet environments.

#### IC Rated:

Suitable for direct contact with insulation. Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations. Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

#### Energy Star Approved:

This product is ENERGY STAR® Version 2.2 Certified.

#### Energy Star ID:

2571888

#### Certification Model Number:

DLG0014(GR2)

### T20 Compliant:

No, this product does not meet California Title 20 requirements.

### California Title 24 JA8 Compliant:

Can be used to conform with the requirements of California Title 24 Part 6

### California Energy Commission (CEC) Status:

Lawful for Sales in California

### NEC Compliant:

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

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

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### RoHS:

Mercury and UV free. RoHS-compliant components.

### FCC:

Complies with Part 15B of the FCC Rules

### Other

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

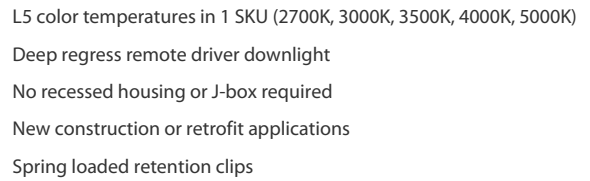
#### Note:

All values are typical (tolerance +/- 10%)

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Features



| Family | Depth                                            | Size (Wattage)                                      | Shape         | Beam Angle                          | CRI/Color Temp                                             | Voltage      | Finish        | Trim           |
|--------|--------------------------------------------------|-----------------------------------------------------|---------------|-------------------------------------|------------------------------------------------------------|--------------|---------------|----------------|
| G      | R                                                | 2                                                   |               |                                     |                                                            |              |               |                |
|        | Blank = Standard<br>R = Recessed<br>F = Floating | 2 = 2", ((6W))<br>3 = 3", ((9W))<br>4 = 4", ((15W)) | Blank = Round | Blank = 38°<br>NB = Narrow Beam 20° | Blank = 90CRI, 2700K/3000K/3500K/4000K/5000K<br>Adjustable | Blank = 120V | Blank = White | Blank = Smooth |