



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	18W
120V	N/A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	1,500 lm
Input Watts	18W	Efficacy	83

Technical Specifications

Performance

Product Type:

Disk Surface Mount

Wattage Equivalency:

100W Incandescent

Input Wattage:

18W

Lumens:

1,500lm

Lumens (Measured):

2700K: 1533lm
 3000K: 1604lm
 3500K: 1656lm
 4000K: 1675lm
 5000K: 1643lm

Efficacy:

83lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current

Power Factor:

≥0.9

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:

120V

Operating Frequency:

60 Hz

Input Current @ 120V (mA):

165mA

Operating Temperature:

-4°F to 104°F (-20 to 40°C)

Flicker:

≤30%

LED Characteristics

Beam Angle:

110°±10°

Color Temperature:

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

Color Accuracy (CRI):

≥90

R9 Value:

High color performance with R9 greater than 50

Color Consistency:

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

Color Stability:

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

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:

Surface mount

Construction

Size:

8"

Shape:

Round

Technical Specifications (continued)**Finish:**

White

Material:

Metal+Plastic

Trim Style:

Smooth

Lens Finish:

Frosted

Lens:

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

Compliance**Listings:**

UL Listed

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

IC Rated:

No

Air Tight:

No

Energy Star Approved:

This product is ENERGY STAR® Certified.

Certification Model Number:

DLS0177(DISK34-8)

California Title 20 Compliant:

No

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

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 15 of the FCC Rules

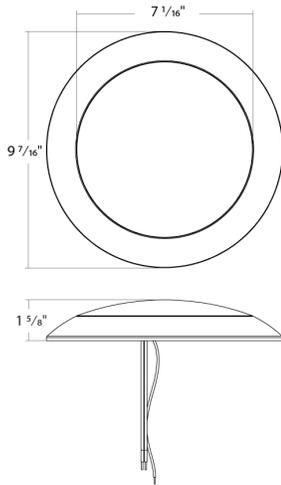
Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Other**5-Year, No-Compromise 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.

Dimensions



Features

- Low-profile, back-lit design made of durable thermoplastic housing with frosted lens
- 5 Color temperature selectable: 2700K, 3000K, 3500K, 4000K, & 5000K
- New construction or retrofit applications
- Installs on standard junction boxes
- Suitable for indoor/outdoor use in dry, damp, and wet locations

Ordering Matrix

Family	Size (Wattage)	Shape	CRI/Color Temp	Driver	Finish	Trim
DISK34	8					
	4 = 4" (10W) 6 = 6" (15W) 8 = 8" (18W)	Blank = Round	Blank = 90CRI, 2700/3000/3500/4000/5000K CCT Adjustable	Blank = 120V, TRIAC/ELV	Blank = White	Blank = Smooth