WGF6



Color: White

Weight: 1.1 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.11A
208V	N/A
240V	N/A
277V	N/A
Input Watts	12W

LED Info

Watts	12W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	1,150 lm
Efficacy	95

Technical Specifications

Performance

Product Type:
Wafer Floating Gimbal

Description:
The Floating Gimbal Wafer's ultra-slim, housing-free design features TRIAC/ELV dimming and delivers versatile directional lighting for a variety of applications.

Wattage Equivalency:
120W Incandescent

Input Wattage:
12W

Lumens (Nominal):
1,150lm

Efficacy:
95lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current, Class 2 120V 60 Hz; 120V: 110mA

THD:
≤20%

Power Factor:
≥0.9

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

Input Voltage:
120V

Operating Temperature:
-4°F to 104°F (-20 to 40°C)

Flicker:
<30%

Emergency Operation:
Not for emergency use.

LED Characteristics

Beam Angle:
110°±10°

Tilt:
90° tilt, 360° rotation

Color Temperature:
Default: 3000K
Field adjustable via dip switch
2700/3000/3500/4000/5000K

Color Tuning:
No

Color Accuracy (CRI):
90 CRI

Natural Spectrum:
No

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 warrantied 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.

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Technical Specifications (continued)

Installation

Remote Driver/Junction Box:
Die formed metal driver / junction box with captive hinged junction box cover. Listed for Maximum of (4) 12AWG through branch circuit conductor suitable for 90° C permitted in box. Easy to wire in 2in/2out (plus ground) applications. (4) conduit pry-outs. (3) quick snap-in connectors for quick and reliable line voltage connections. Integral mounting facilitates direct mounting to building structure or mounting frame.

Mounting:
No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 1". New construction frames are available.

Cable:
CM Plenum rated cable (per UL2043)

Construction

Size:
6"

Shape:
Round

Finish:
White

Enclosure Material:
Dead front (non-metallic) trim for corrosive environments. Aluminum back plate for effective heat dissipation

Trim Style:
Smooth

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

Compliance

Listings:
UL Listed, UL Classified

Environment:
Suitable for use indoors and outdoors in dry, damp, or 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.

Air Tight:
Housing certified Air Tight as per ASTM E283

Energy Star Approved:
This product is ENERGY STAR® Version 2.2 Certified

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

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 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

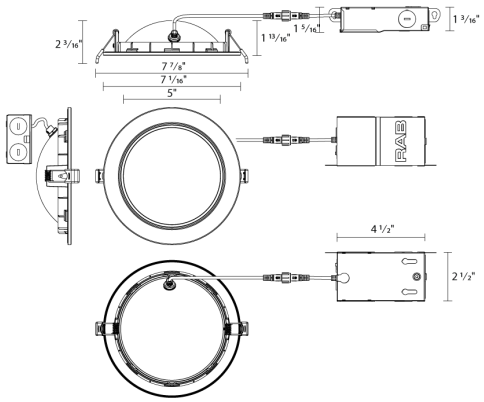
Other

Compatible Accessories:
EMB-[15][25] **Emergency driver**

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.

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Dimensions



Features

- Floating gimbal directs light toward walls, artwork, and architectural features
- Energy-efficient replacement for traditional halogen lighting
- No recessed housing required for easy installation
- Smooth TRIAC/ELV dimming creates the perfect lighting environment
- Ideal for sloped ceilings and directional applications

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
WGF	6					
	3 = 3", 6.5W **4 =** 4", 8W **6 =** 6", 12W	**Blank =** Round	**Blank =** 90 CRI, 2700/3000/3500/4000/5000K	**Blank =** 120V	**Blank =** White	**Blank =** Smooth

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