FGIMBAL Fire-Resistant Gimbal

RAB®

4" FGIMBAL

6" FGIMBAL

4" & 6" Fire-Resistant Gimbal, CCT Adjustable, 120V, Triac Dimmable

KEY FEATURES

- Available in 4" & 6" sizes
- Tested to UL 263 and ASTM E119 standards for 2-hour fire resistance
- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- Canless downlight; no recessed housing required
- 120V Triac dimmable down to 10%

FIELD ADJUSTABLE	FIRE RESISTANT	90 CRI	50,000 HOURS	WET RATED	RoHS	IC RATED	AIRTIGHT	120V	TRIAC DIMMABLE

PERFORMANCE

Catalog Number	Size	Shape	Trim	Equivalency	Lumens	Wattage	Efficacy	Dim Type	Input Voltage	Color Temperature	Environment
FGIMBAL4	4"	Round	Smooth	60W Incandescent	750 lm	9W	83 lm/W	TRIAC/ELV	120V	Field adjustable via dip switch 2700/3000/3500/4000/5000K	Wet
FGIMBAL6	6"	Round	Smooth	75W Incandescent	1,300 lm	14W	93 lm/W	TRIAC/ELV	120V	Field adjustable via dip switch 2700/3000/3500/4000/5000K	Wet

4" FGIMBAL

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
FGIMBAL4	9W	2700K	82 lm/W	693 lm	60W Incandescent
		3000K	84 lm/W	714 lm	
		3500K	90 lm/W	757 lm	
		4000K	93 lm/W	780 lm	
		5000K	90 lm/W	784 lm	

6" FGIMBAL

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
FGIMBAL6	14W	2700K	88 lm/W	1166 lm	75W Incandescent
		3000K	92 lm/W	1203 lm	
		3500K	99 lm/W	1273 lm	
		4000K	101 lm/W	1319 lm	
		5000K	99 lm/W	1342 lm	

FGIMBAL Fire-Resistant Gimbal

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Canless Fire Resistant Gimbal Downlight

Size
4" and 6"

Shape
Round

Enclosure Material
Metal

Finish
White trim with Red painted housing

Trim Style
Smooth

Lens
Single optic and full face lens for precise beam angle control.

COMPLIANCE

Listings
UL Listed

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

Fire Resistant
All models have been tested to UL 263 and ASTM E119 standards for 2-hour fire resistance

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® Certified.

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 & LM80 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

INSTALLATION

Mounting
No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 15/16". New construction frames are available.

INSTALLATION (CONT.)

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.

Cable
FT2 Plenum Rated Cable (per UL2043)

ELECTRICAL

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

Driver
Constant Current, Class 2

THD
≤20%

Power Factor
≥0.9

Input Voltage
120V

Operating Frequency
60Hz

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

Flicker
5%

LED CHARACTERISTICS

Beam Angle
40°

Color Temperature
Field-Adjustable dip switch 2700/3000/3500/4000/5000K

Color Accuracy (CRI)
>90 CRI

R9 Value
High color performance with R9 greater than 50

Color Consistency
<7- (3000/3500/4000K); <4- (2700/5000K) 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

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.
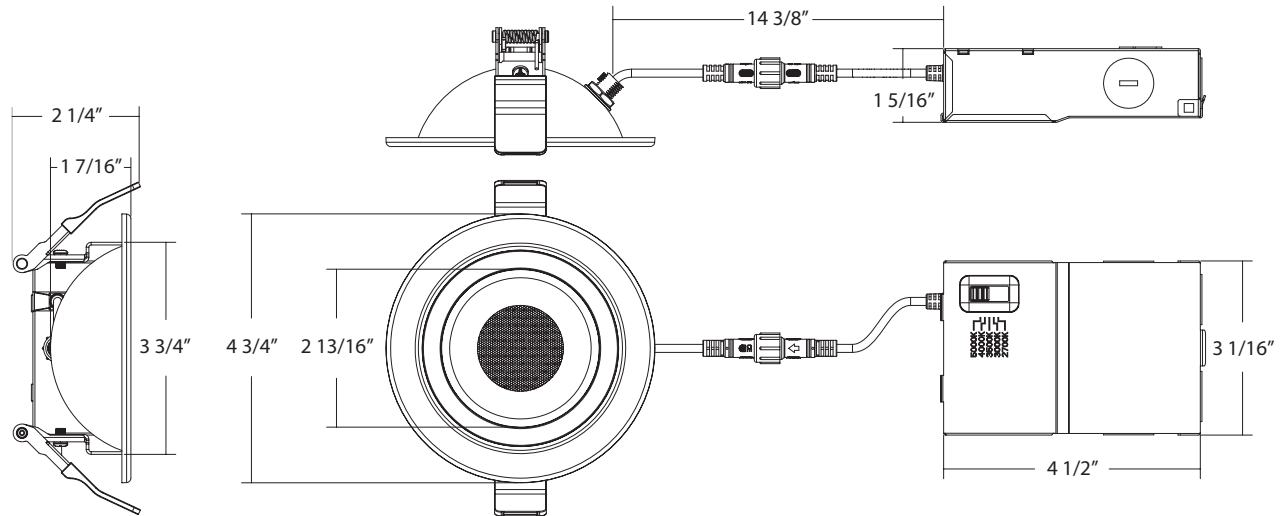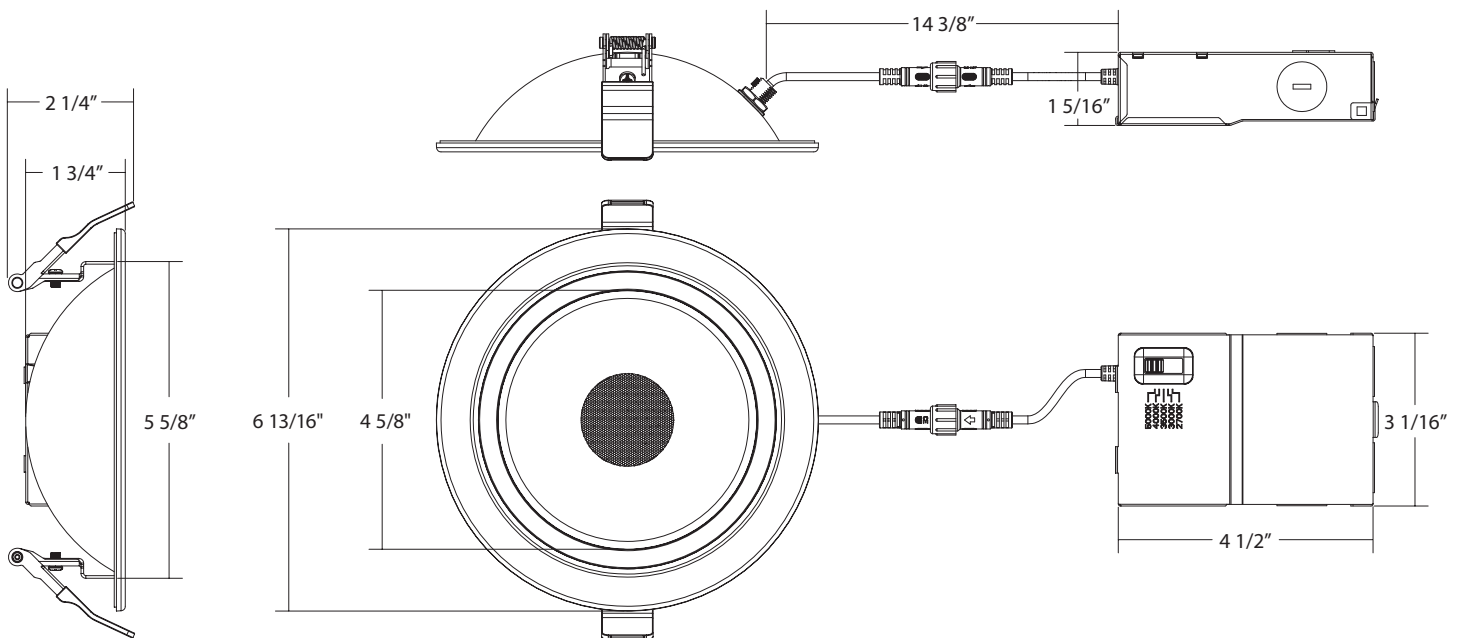
FGIMBAL Fire-Resistant Gimbal
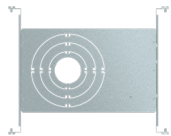
RAB®

DIMENSIONS

FGIMBAL4
Weight: 1.06 lbs

14 3/8"

2 1/4"

1 7/16"

1 5/16"

3 3/4"

4 3/4"

2 13/16"

3 1/16"

4 1/2"

FGIMBAL6
Weight: 1.59 lbs

14 3/8"

2 1/4"

1 3/4"

1 5/16"

5 5/8"

6 13/16"

4 5/8"

3 1/16"

4 1/2"

FGIMBAL Fire-Resistant Gimbal

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ACCESSORIES

Extension Cables

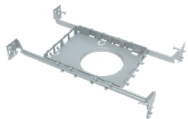| Catalog Number	UPC	Description
EXTCBL-FA-6	019813908502	6' extension cable
EXTCBL-FA-12	019813908519	12' extension cable
EXTCBL-FA-20	019813908526	20' extension cable

Mounting Plates

DLPLATE/WFR3468/NB
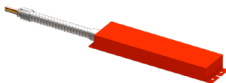
DLPLATE/WFR3456
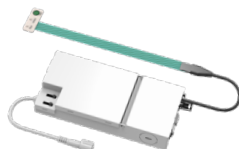
DLPLATE/WFR4/NB/CL

DLPLATE/WFR6/NB/CL

DLPLATE/WFR4

DLPLATE/WFR6

Catalog Number	UPC	Description
DLPLATE/WFR3468/NB	0192552000673	Mouting plate with nailer bar
DLPLATE/WFR3456	0192552025584	Mounting plate
DLPLATE/WFR4/NB/CL	0192552036993	4" Mounting plate with nailer bar and collar
DLPLATE/WFR6/NB/CL	0192552037006	6" Mounting plate with nailer bar and collar
DLPLATE/WFR4	192552039819	4" Mounting plate
DLPLATE/WFR6	192552039826	6" Mounting plate

Emergency Drivers

DRI-21-EMGR-DC-DC10

DRI-EMB-15S-LV

Catalog Number	UPC	Description
DRI-21-EMGR-DC-DC10	192552028264	Emergency backup driver
DRI-EMB-15S-LV	192552045650	Emergency backup driver

ORDERING INFO

Catalog Number	Model Number (Energy Star)	UPC	Case Pack
FGIMBAL4	DLG0031(FGIMBAL4)	192552039772	4
FGIMBAL6	DLG0032(FGIMBAL6)	192552039789	4

ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
FGIMBAL						
	4 4", 9W	Blank Round	Blank 90CRI; Field-Adjustable	Blank 120V,	Blank White + Red	Blank Smooth
	6 6", 14W		2700/3000/3500/4000/5000K	TRIAC/ELV		

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DIMMER COMPATIBILITY LIST

Dimmers		Lamp Quantities						Dimming Level
Dimmer Brand	Dimmer Model	1	2	3	4	5	6	
LUTRON	SCL-153P	✔	✔	✔	✔	✔	✔	10-100%
LUTRON	DVCL-153P	✔	✔	✔	✔	✔	✔	10-100%
LEGRAND	DCL453PTCCCV6	✔	✔	✔	✔	✔	✔	10-100%
LUTRON	TGCL-153PH-WH	✔	✔	✔	✔	✔	✔	10-100%
LEVITON	R50-IPL06-10M	✔	✔	✔	✔	✔	✔	10-100%
LUTRON	DVWCL-153PH-WH	✔	✔	✔	✔	✔	✔	10-100%
RAB	XDIM	✔	✔	✔	✔	✔	✔	10-100%