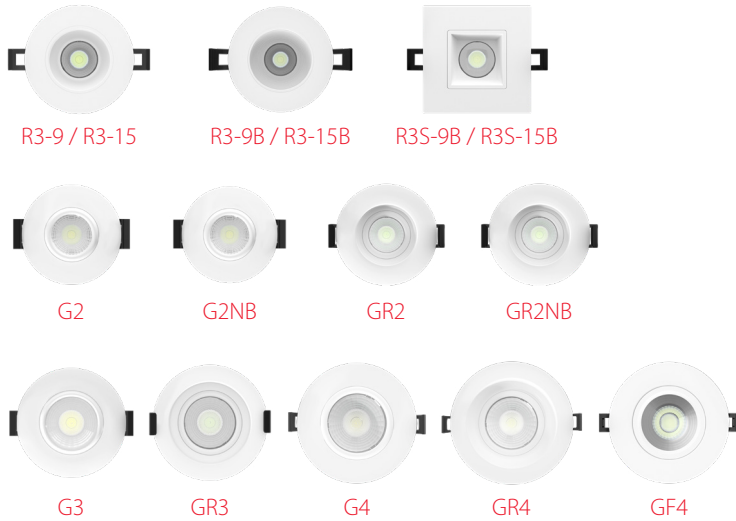


# CCT-Adjustable Recessed & Gimbal Downlights



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

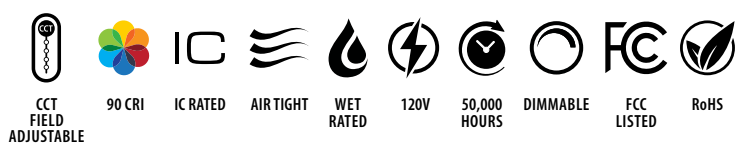
PREPARED BY: \_\_\_\_\_



## KEY FEATURES

- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- Remote driver
- No recessed housing or J-box required
- New construction or retrofit applications
- Spring-loaded retention clips
- **50,000-hour** lifespan

## CCT-Adjustable Recessed and Gimbal Downlights



## PERFORMANCE

Product Type	Catalog Number	Size	Shape	Trim Style	Beam Angle	Tilt	Equivalency	Input Wattage	Lumens	Efficacy
Recessed Downlight	R3-9B	3"	Round	Baffle	38°±5°	30°	65W Incandescent	9W	650 lm	72 lm/W
	R3-15B	3"	Round	Baffle	38°±5°	30°	125W Incandescent	15W	1,000 lm	67 lm/W
	R3-9	3"	Round	Smooth	38°±5°	30°	65W Incandescent	9W	650 lm	72 lm/W
	R3-15	3"	Round	Smooth	38°±5°	30°	125W Incandescent	15W	1,000 lm	67 lm/W
	R3S-9B	3"	Square	Baffle	38°±5°	30°	65W Incandescent	9W	650 lm	72 lm/W
	R3S-15B	3"	Square	Baffle	38°±5°	30°	125W Incandescent	15W	1,000 lm	67 lm/W
Recessed Gimbal Downlight	G2	2"	Round	Smooth	38°±5°	30°	50W Incandescent	6W	400 lm	67 lm/W
	G2NB	2"	Round	Smooth	20°±3°	30°	50W Incandescent	6W	400 lm	67 lm/W
	G3	3"	Round	Smooth	38°±5°	30°	65W Incandescent	9W	600 lm	67 lm/W
	G4	4"	Round	Smooth	38°±5°	30°	125W Incandescent	15W	1,050 lm	70 lm/W
	GR2	2"	Round	Smooth	38°±5°	30°	50W Incandescent	6W	400 lm	67 lm/W
	GR2NB	2"	Round	Smooth	20°±3°	30°	50W Incandescent	6W	400 lm	67 lm/W
	GR3	3"	Round	Smooth	38°±5°	30°	65W Incandescent	9W	600 lm	67 lm/W
	GR4	4"	Round	Smooth	38°±5°	30°	125W Incandescent	15W	1,050 lm	70 lm/W
Recessed Floating Gimbal Downlight	GF4	4"	Round	Smooth	38°±5°	90°	120W Incandescent	12W	850 lm	71 lm/W

# CCT-Adjustable Recessed & Gimbal Downlights



## PERFORMANCE (CONT.)

### Recessed Downlight

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3-9B	9W	2700K	75 lm/W	643 lm	65W Incandescent
		3000K	81 lm/W	686 lm	
		3500K	88 lm/W	725 lm	
		4000K	89 lm/W	744 lm	
		5000K	89 lm/W	760 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3-15B	15W	2700K	67 lm/W	958 lm	125W Incandescent
		3000K	74 lm/W	1,037 lm	
		3500K	82 lm/W	1,112 lm	
		4000K	83 lm/W	1,144 lm	
		5000K	79 lm/W	1,136 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3-9	9W	2700K	77 lm/W	658 lm	65W Incandescent
		3000K	84 lm/W	703 lm	
		3500K	90 lm/W	743 lm	
		4000K	92 lm/W	763 lm	
		5000K	91 lm/W	781 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3-15	15W	2700K	69 lm/W	987 lm	125W Incandescent
		3000K	77 lm/W	1,070 lm	
		3500K	85 lm/W	1,146 lm	
		4000K	86 lm/W	1,181 lm	
		5000K	83 lm/W	1,176 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3S-9B	9W	2700K	74 lm/W	634 lm	65W Incandescent
		3000K	80 lm/W	676 lm	
		3500K	87 lm/W	716 lm	
		4000K	89 lm/W	736 lm	
		5000K	88 lm/W	752 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
R3S-15B	15W	2700K	67 lm/W	953 lm	125W Incandescent
		3000K	74 lm/W	1,030lm	
		3500K	82 lm/W	1,106 lm	
		4000K	83 lm/W	1,140 lm	
		5000K	80 lm/W	1,133 lm	

# CCT-Adjustable Recessed & Gimbal Downlights



## PERFORMANCE (CONT.)

### Recessed Gimbal Downlight

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
G2	6W	2700K	62 lm/W	373 lm	50W Incandescent
		3000K	70 lm/W	411 lm	
		3500K	76 lm/W	434 lm	
		4000K	77 lm/W	443 lm	
		5000K	72 lm/W	433 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
G2NB	6W	2700K	61 lm/W	367 lm	50W Incandescent
		3000K	69 lm/W	405 lm	
		3500K	74 lm/W	427 lm	
		4000K	75 lm/W	436 lm	
		5000K	71 lm/W	427 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
G3	9W	2700K	79 lm/W	695 lm	65W Incandescent
		3000K	86 lm/W	743 lm	
		3500K	93 lm/W	788 lm	
		4000K	95 lm/W	810 lm	
		5000K	94 lm/W	822 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
G4	15W	2700K	73 lm/W	1,054 lm	125W Incandescent
		3000K	82 lm/W	1,150 lm	
		3500K	90 lm/W	1,234 lm	
		4000K	92 lm/W	1,270 lm	
		5000K	87 lm/W	1,251 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
GR2	6W	2700K	61 lm/W	367 lm	50W Incandescent
		3000K	69 lm/W	404 lm	
		3500K	74 lm/W	425 lm	
		4000K	75 lm/W	434 lm	
		5000K	71 lm/W	424 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
GR2NB	6W	2700K	62 lm/W	359 lm	50W Incandescent
		3000K	69 lm/W	395lm	
		3500K	75 lm/W	415 lm	
		4000K	75 lm/W	423 lm	
		5000K	71 lm/W	412 lm	

## PERFORMANCE (CONT.)

### Recessed Gimbal Downlight

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
GR3	9W	2700K	76 lm/W	647 lm	65W Incandescent
		3000K	82 lm/W	691 lm	
		3500K	88 lm/W	731 lm	
		4000K	91 lm/W	751 lm	
		5000K	89 lm/W	765 lm	

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
GR4	15W	2700K	72 lm/W	1,023 lm	125W Incandescent
		3000K	80 lm/W	1,106 lm	
		3500K	88 lm/W	1,185 lm	
		4000K	89 lm/W	1,218 lm	
		5000K	85 lm/W	1,204 lm	

### Recessed Floating Gimbal Downlight

Catalog Number	Wattage	CCT	Efficacy	Lumens	Equivalency Wattage
GF4	12W	2700K	76 lm/W	889 lm	120W Incandescent
		3000K	84 lm/W	961 lm	
		3500K	92 lm/W	1,022 lm	
		4000K	94 lm/W	1,049 lm	
		5000K	90 lm/W	1,049 lm	

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

#### Product Type

Recessed & Gimbal Downlights

#### Size

2", 3", 4"

#### Shape

Round, square

#### Enclosure Material

Metal

#### Finish

White

#### Trim Style

Smooth, baffle

#### Lens

Polycarbonate

### ELECTRICAL

#### Dimmable

Yes, dims down to 10% on compatible TRIAC/ELV systems. See Dimmer Compatibility List on [rablighting.com](http://rablighting.com).

#### THD

≤20%

#### Power Factor

≥0.9

#### Flicker

≤25%

#### Input Voltage

120V

#### Operating Frequency

60Hz

#### Operating Temperature

-13°F to 104°F (-25°C to 40°C)

### INSTALLATION

#### Mounting

Recessed, no housing required

## TECHNICAL SPECIFICATIONS (CONT.)

### COMPLIANCE

#### ETL Listed

This product has been tested by Intertek and found in compliance with accepted national standards.

#### 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.

#### Air Tight

Housing certified Air Tight as per ASTM E283

#### ENERGY STAR® Approved

This product is ENERGY STAR® Version 2.2 Certified.

#### DLC Listed

No. There is no product category on the Design Lights Consortium (DLC) Qualified Products List for this product to qualify under.

#### 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 & LM80 Testing

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

#### FCC

Complies with Part 15 of the FCC Rules.

#### RoHS

Mercury and UV free. RoHS-compliant components.

### LED CHARACTERISTICS

#### Color Temperature

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

#### Color Accuracy (CRI)

>90

#### 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 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.

### 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).

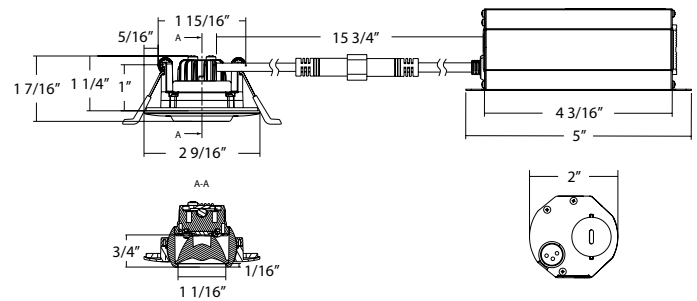
#### Note

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

### DIMENSIONS

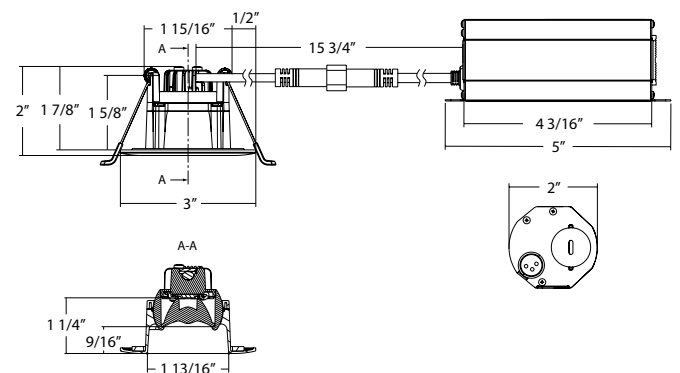
#### G2, G2NB

Weight: 0.5 lb



#### GR2, GR2NB

Weight: 0.54 lb

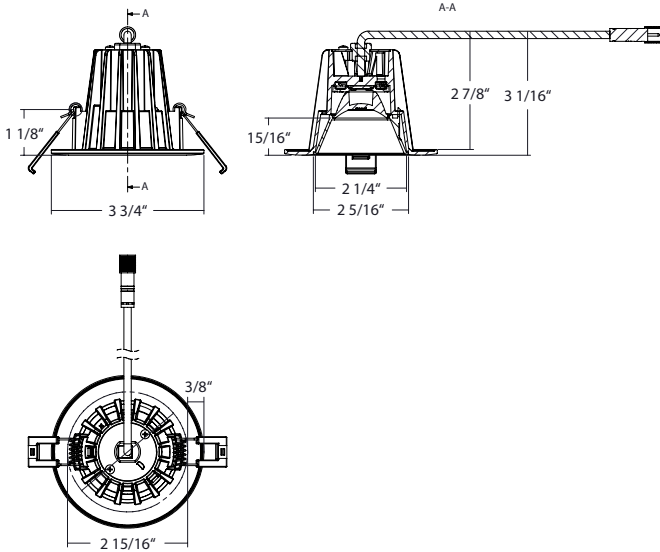


# CCT-Adjustable Recessed & Gimbal Downlights

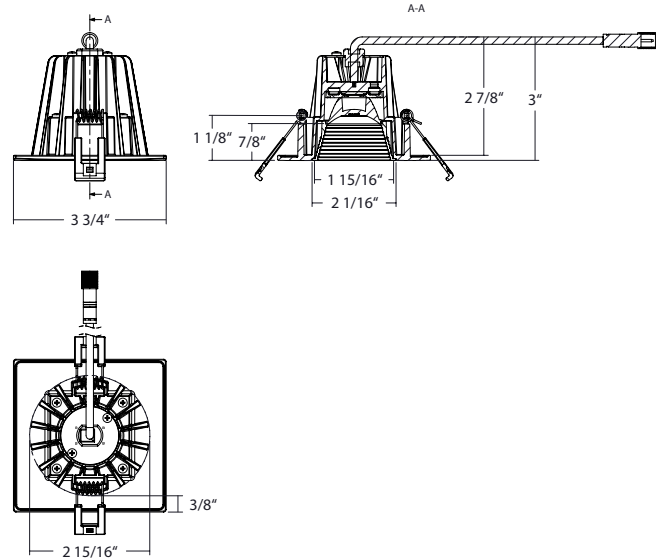


## DIMENSIONS (CONT.)

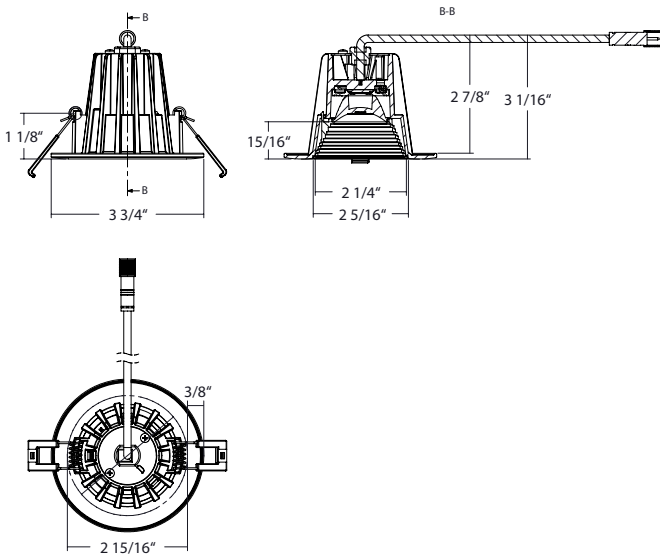
R3-9, R3-15  
Weight: 0.95 lb



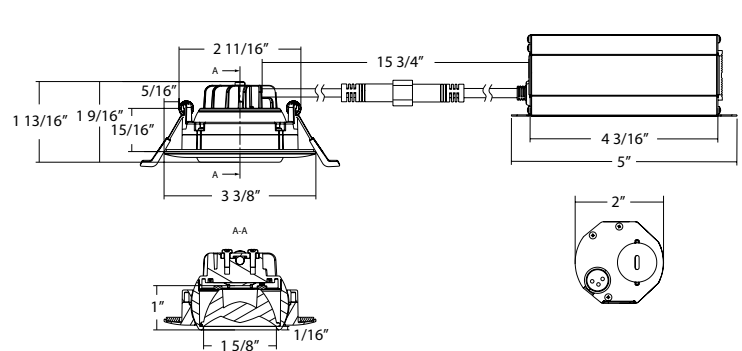
R3S-9B, R3S-15B  
Weight: 1 lb



R3-9B, R3-15B  
Weight: 0.95 lb



G3  
Weight: 0.86 lb

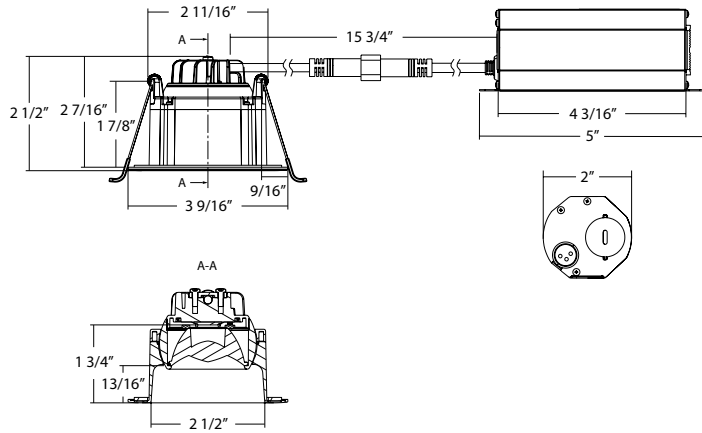


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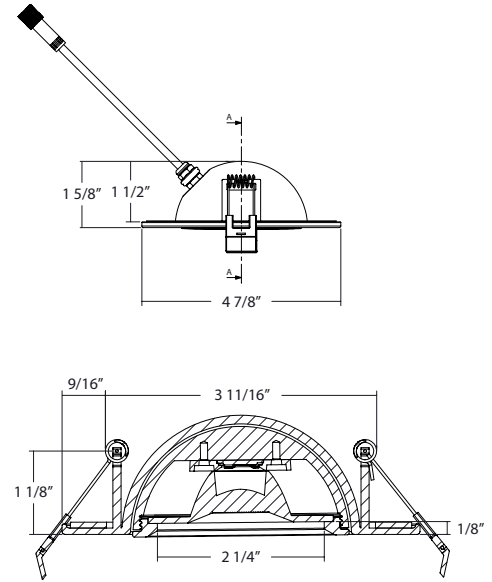


## DIMENSIONS (CONT.)

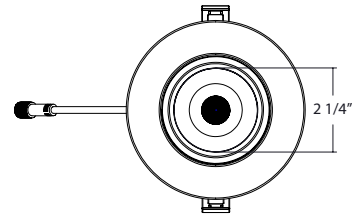
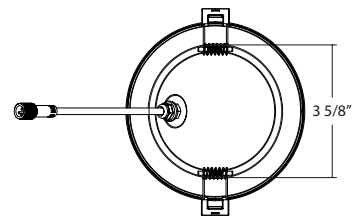
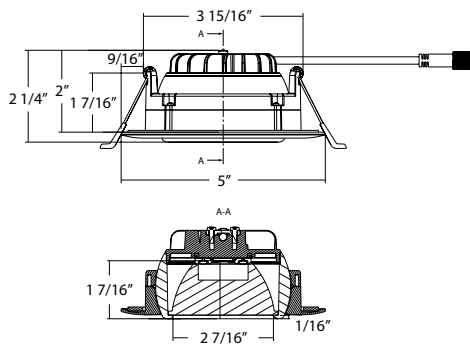
**GR3**  
Weight: 0.92 lb



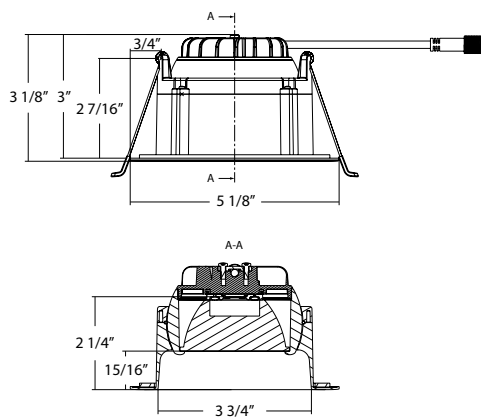
**GF4**  
Weight: 0.94 lb



**G4**  
Weight: 1.48 lbs



**GR4**  
Weight: 1.56 lbs



# CCT-Adjustable Recessed & Gimbal Downlights



## ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
R3-9B	DLR0135(R3-9B)	192552029063	12
R3-15B	DLR0136(R3-15B)	192552029070	12
R3-9	DLR0137(R3-9)	192552029087	12
R3-15	DLR0138(R3-15)	192552029094	12
R3S-9B	DLR0139(R3S-9B)	192552029100	12
R3S-15B	DLR0140(R3S-15B)	192552029117	12
G2	DLG0010(G2)	192552029124	12
G2NB	DLG0011(G2NB)	192552029131	12
G3	DLG0012(G3)	192552029148	12
G4	DLG0013(G4)	192552029155	12
GR2	DLG0014(GR2)	192552029162	12
GR2NB	DLG0015(GR2NB)	192552029179	12
GR3	DLG0016(GR3)	192552029186	12
GR4	DLG0017(GR4)	192552029193	12
GF4	DLG0018(GF4)	192552029209	12

## ORDERING MATRIX

Family	Size	Shape	Wattage	BEAM ANGLE	CRI/Color Temp	Voltage	Finish	Trim
<b>R</b>			-					
R Recessed	3 3"	Blank Round S Square	9 9W 15 15W	Blank 38°	Blank 90 CRI, Field-adjustable CCT 2700K/3000K/3500K/4000K/5000K	Blank 120V	Blank White	Blank Smooth B Baffle

Family	Depth	Size	Shape	BEAM ANGLE	CRI/Color Temp	Voltage	Finish	Trim
<b>G</b>								
G Gimbal	Blank Standard	2 2", 6W	Blank Round	Blank 38°	Blank 90 CRI, Field-adjustable CCT	Blank 120V	Blank White	Blank Smooth
	R Recessed	3 3", 9W	NB Narrow Beam	20°	2700K/3000K/3500K/4000K/5000K			
	F Floating	4 4", 15W						

Note:  
Narrow beam only available on 2" models  
Floating gimbal only available on 4" models