

# RL38G-ICESA/RFT6G

## 6" Line Voltage GU24 Base IC StopAire® Housing with LED Trim Module

### Specifications/Features

#### Housing/Mounting

New construction housing with GU24 socket base, air-tight for insulated ceilings.

Aluminum housing and galvanized steel plaster frame construction. Dual nailer hanger bars are adjustable for 16" and 24" center joists (14-1/4" to 24-1/2"). Nailer bars enable easy installation, may be extended to rest on T-bar ceilings. Optional clip-on T-bar hangers also available.

120 VAC, 60Hz.

Approved for through circuit wiring. Maximum of (8) No. 12 AWG branch circuit conductors (4 in, 4 out).

Junction box has (6) 1/2" pry-outs, (1) 3/4" concentric pry-out and (4) Romex® pry-outs.

#### LED Module

Aluminum extruded heat sink is designed to facilitate heat dissipation to ensure consistent quality light output, color and life of solid state components.

Driver mounts externally to the trim module for easy access and employs integral thermal protection.

Optical acrylic diffusion lens produces high lumen transmission and even illumination.

GU24 base harness easily connects LED module to housing.

Nickel plated steel torsion springs provide secure trim module retention in recessed housing.

System designed and rated for 50,000 hours at 70% lumen maintenance.

#### Lamp

Multiple LED chips with excellent fixture-to-fixture color consistency.

#### Warranty

This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

#### Listing

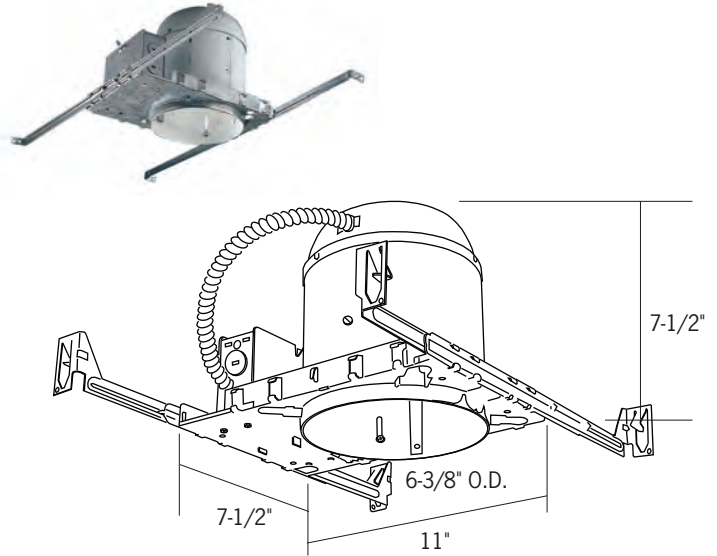
cCSAus Certified. Suitable for use in dry or wet locations.

Conforms to Washington State Energy code (WSEC) for low air infiltration. Tested in accordance with ASTM E283 (2.0CFM or less).

#### Approved Dimmers

**Lutron:** NovaT NTELV300, NTELV600, Diva DVELV-300P, DVELV-303P

**Leviton:** Acenti ATE06-1L, Trimatron 705-I



**Ceiling Opening:** 6-1/2"  
**Ceiling Thickness:** 1/2" - 1-3/4"

#### Input Voltage

Non-dimming	120-277VAC
Dimming	120VAC

**Input Wattage** 13.8W

**Color Temperature** 3000K

**CRI (Typical)** 80

**Power Factor** >0.90

**THD** <20%

#### Dimming

Triac	15-100%
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### Ordering Information

Example Order:

Housing

**RL38G-ICESA**

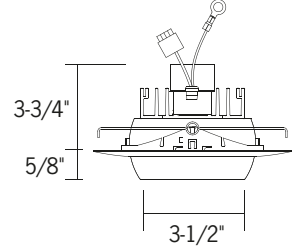
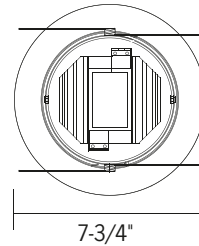
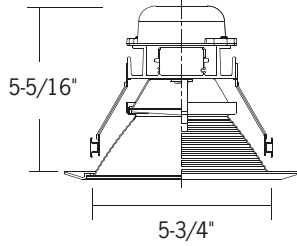
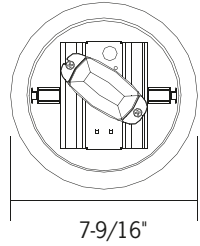
LED Trim Module

- RFT6G130K-P** - Matte White Baffle, 3000K, GU24 Base
- RFT6G130K-P-B** - Matte Black Baffle, 3000K, GU24 Base
- RFT6G130K-CLR** - Clear Haze Reflector, 3000K, GU24 Base
- RFT6GADJ130K-P** - Matte White Adjustable/White Baffle, 3000K, GU24 Base
- RFT6GADJ130K-P-B** - Matte White Adjustable/Black Baffle, 3000K, GU24 Base

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### LED Trim Modules



#### Baffle Trim Module

Baffle fabricated from heavy gauge aluminum and available with matte white or matte black painted finish. Trim ring is injection molded white plastic.

- RFT6G130K-P** - Matte White Baffle
- RFT6G130K-P-B** - Matte Black Baffle

#### Reflector Trim Module

Reflector fabricated from heavy gauge aluminum with anodized clear haze finish. Trim ring is injection molded white plastic.

- RFT6G130K-CLR** - Clear Haze Reflector

#### Adjustable Trim Module

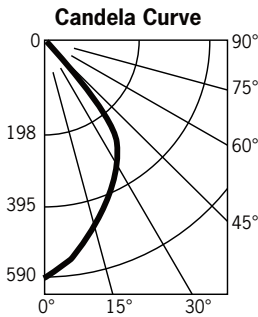
Eyeball and trim ring are formed from steel; baffle fabricated from heavy gauge aluminum. Eyeball and trim ring are painted matte white; baffle available in matte white or matte black painted finish. 358° Rotation and 30° of tilt adjustability.

- RFT6GADJ130K-P** - Matte White Adjustable/ White Baffle
- RFT6GADJ130K-P-B** - Matte White Adjustable/ Black Baffle

### Photometrics

#### RFT6E130K-CLR

Light Output (Fixture Delivered Lumens): 733  
 Total Watts@120V: 13.8  
 Lumens Per Watt: 53  
 Color Rendering Index (CRI)<sup>1</sup>: 80  
 Color Temperature (CCT)<sup>2</sup>: 3000K



#### Candlepower Summary

FROM 0	LUMENS
0	
5	53
15	143
25	206
35	206
45	97
55	22
65	5
75	1
85	1
95	0

Designed for 50,000 Hour Lamp Life\*

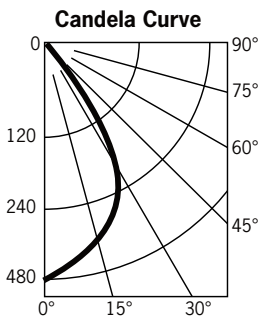
#### Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2'	147.2	3.1
4'	36.8	6.1
6'	16.4	9.2
8'	9.2	12.3
10'	5.9	15.3
12'	4.1	18.4

Beam Distribution: 75°  
 Spacing Criteria: 1.5

#### RFT6EADJ130K-P

Light Output (Fixture Delivered Lumens): 772  
 Total Watts@120V: 13.6  
 Lumens Per Watt: 57  
 Color Rendering Index (CRI)<sup>1</sup>: 80  
 Color Temperature (CCT)<sup>2</sup>: 3000K



#### Candlepower Summary

FROM 0	LUMENS
0	
5	44
15	123
25	179
35	189
45	104
55	59
65	42
75	25
85	7
95	0

Designed for 50,000 Hour Lamp Life\*

#### Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2'	118.4	3.3
4'	29.6	6.6
6'	13.2	9.9
8'	7.4	13.2
10'	4.7	16.5
12'	3.3	19.8

Beam Distribution: 79°  
 Spacing Criteria: 1.5

1. Accuracy of rendering colors  
 2. Color appearance of light source

\*Dependent on surrounding temperatures