

# FS-LD5IC-AT-DIMTR

## 5" LED Fire Shield IC/Non-IC Housing 1 or 2 Hour Fire Rated Luminaire

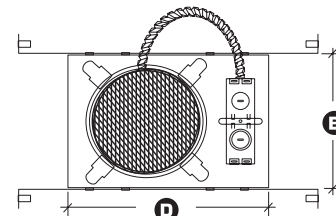
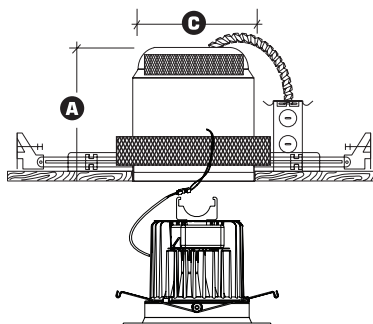
Catalog Number:

Project Name:

Type:

Note:

**elite** LIGHTING



- A** Height = 7-1/2"
- B** Width = 7"
- C** Cut-out = 5-3/4"
- D** Length = 10"

TO BE USED WITH LED MODULE LIGHTING COMPONENT ONLY

### DESCRIPTION

5" IC housing for use with RL500 LED series LED Module trims. **Our FIRE SHIELD Housing Is Designed To Meet Today's One or Two-Hour Fire-Rated IC & Non-IC Codes For High-Rise Condominiums, Apartment Buildings, Multi-Family Residences, Hotels, Hospitality, Assisted Living Homes, Hospitals and many more applications.** The FS-LD5IC housing is engineered with a unique 'EZ-connect' wiring system, that when used with the RL500 trim, with Energy Star and California Title-24 (compliances pending). The unique EZ-connect system also meets other state and national regulatory mandates. LED Module connects effortlessly to housing, virtually eliminating mis-wiring and potential shock hazards.

NOTE - Complete system includes FS-LD5IC-AT housing and LED Modules RL500 series trim. RL500 LED Modules trim must be ordered separately.

### SPECIFICATION

**HOUSING** - Powdered-coated steel and galvanized steel for maximum heat dissipation and rust protection. Factory assembled with 1 or 2 hour fire rated components. Housing adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" thick ceiling. Housing is IC rated for direct contact with insulation and can be used in IC and NON-IC applications. May be installed in 2" x 8" joist construction.

**CONNECTION** - Polarity-specific EZ-connect system engineered to match with Elite LED Module trims. Meets strict code requirements where Edison Base Sockets have been banned.

**BAR HANGERS** - Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for secure attachment into the joist. Bar hanger nails are installed on a 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate.

**JUNCTION BOX** - UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pry-out slots and strain clamps. Designed for straight through conduit runs.

**ELITE LED MODULE SOLD SEPARATELY** - FS-LD5IC is unique 'EZ-connect' wiring system is Title 24 compliant when used with the RL500 series module. RL500 series modules are rated to last up to 50,000hrs as tested in accordance with LM-80 standards. Driver and LED Engine are found on the module itself. The Elite LED Module system is fully dimmable down to 10% of initial light output

with a 0-10 Volt dimmer when ordered with the following options (DIM10-MVOLT). Triac dimming driver also available when ordered with the following options (DIMTR-120). Consult Factory for details.

### LISTING

- c-ETL-us - listed for Damp location/Feed Through Wiring/Direct Contact with Insulation
- ETL Classified One or Two Hour Fire Rating UL263, UL1479, ASTM E119
- L505/P505 ceiling/floor assemblies

### DIMMING INFORMATION

DIMTR (Triac Dimming 120V) (277V Non-Dimming)  
(For 0-10V-120V & 277V Dimming, please see spec. sheet for FS-LD5IC-AT-DIM10)

### FEATURES

- The luminaire ships assembled with the fire protection devices already attached in their working positions
- The inner assembly reacts strongly to high temperatures (428°F/220°C and above) and swells to a solid dense mass filling the entire luminaire cavity
- The collar circling the drum of the fixture expands to seal any holes, acting as a thermal barrier to prevent the spread of heat and flames
- The Fire Shield family of lighting fixtures protect the floors above by preventing heat and flames from passing into the ceiling void
- Wire through junction box

### HOUSING TYPE

☐ **FS-LD5IC-AT-DIMTR-120** - Used For Triac Dimming Module

☐ **FS-LD5IC-AT-277** - Used For Non Dimming Module

TRIM TYPE	650L/900L SERIES	CCT	CRI	FINISH
RL530 (BAFFLE)	<input type="checkbox"/> 650L-DIMTR-120 <input type="checkbox"/> 650L-277 (non dimmable) <input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> P-BK
TRIM TYPE	650L/900L SERIES	<input type="checkbox"/> 50K (CRI 85+ ONLY)		
RL511 (BAFFLE WALL WASH)	<input type="checkbox"/> 650L-DIMTR-120 <input type="checkbox"/> 650L-277 (non dimmable) <input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-277 (non dimmable)			
TRIM TYPE	650L/900L SERIES	CCT	CRI	FINISH
RL507 (REFLECTOR)	<input type="checkbox"/> 650L-DIMTR-120 <input type="checkbox"/> 650L-277 (non dimmable) <input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> RG-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> SN-SN <input type="checkbox"/> RG-PB <input type="checkbox"/> MB-BK
TRIM TYPE	650L/900L SERIES	<input type="checkbox"/> 50K (CRI 85+ ONLY)		
RL522 (REFLECTOR WALL WASH)	<input type="checkbox"/> 650L-DIMTR-120 <input type="checkbox"/> 650L-277 (non dimmable) <input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-277 (non dim mable)			



TRIM TYPE	750L SERIES	CCT	CRI	FINISH
RL625 (BAFFLE)	<input type="checkbox"/> 750L-DIMTR-120	<input type="checkbox"/> 30K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH
TRIM TYPE	1000L SERIES	CCT	CRI	FINISH
RL670	<input type="checkbox"/> 1000L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH
TRIM TYPE	950L SERIES	CCT	CRI	FINISH
RL628	<input type="checkbox"/> 950L-DIMTR-120	<input type="checkbox"/> 30K	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH



Submittal form is available @ [www.iuseelite.com](http://www.iuseelite.com)  
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions  
subject to change without notice.

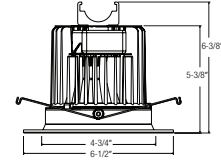
# 5" RL500 SERIES LED MODULES

## RL530- **A** - **B** - **C** - **D** - **E**



(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI ONLY)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-BK <input type="checkbox"/> SN-SN <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> P-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			

LED (Retrofit) Die-cast Aluminum Lensed Stepped Baffle

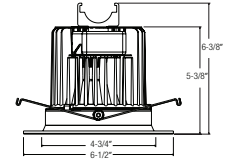


## RL507- **A** - **B** - **C** - **D** - **E**



(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI ONLY)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-SN <input type="checkbox"/> RG-WH <input type="checkbox"/> MB-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			<input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> RG-PB <input type="checkbox"/> MB-BK

LED (Retrofit) Die-cast Aluminum Lensed Reflector

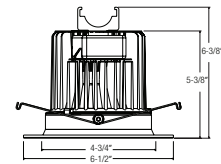


## RL511- **A** - **B** - **C** - **D** - **E**



(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI ONLY)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-BK <input type="checkbox"/> SN-SN <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> P-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			

LED (Retrofit) Die-cast Aluminum Lensed Stepped Baffle Wall Wash

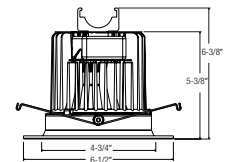


## RL522- **A** - **B** - **C** - **D** - **E**



(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI ONLY)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> CL-W-WH <input type="checkbox"/> W-W-WH <input type="checkbox"/> BZ-BZ-WH <input type="checkbox"/> SN-SN-WH <input type="checkbox"/> RG-W-WH <input type="checkbox"/> MB-W-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			<input type="checkbox"/> CL-CH-WH <input type="checkbox"/> CP-CP-WH <input type="checkbox"/> RG-PB-WH <input type="checkbox"/> MB-BK-WH

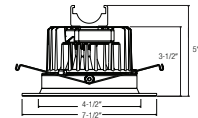
LED (Retrofit) Die-cast Aluminum Lensed Reflector Wall Wash



## RL625- **A** - **B** - **C** - **D** - **E**



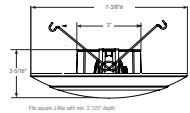
(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 750L	<input type="checkbox"/> DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> GU25SA - GU24 Socket Adapter



## RL670- **A** - **B** - **C** - **D** - **E**



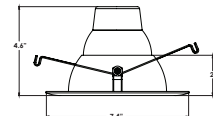
(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 1000L	<input type="checkbox"/> DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> GU25SA - GU24 Socket Adapter



## RL628- **A** - **B** - **C** - **D** - **E**



(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) COLOR
<input type="checkbox"/> 950L	<input type="checkbox"/> DIMTR-120	<input type="checkbox"/> 30K	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> GU25SA - GU24 Socket Adapter



Trim  
Color  
Options

