JUNO®

FIREWALL™ LED Downlight Series
4" Fire-Rated Quick Connect LED Downlight New Construction

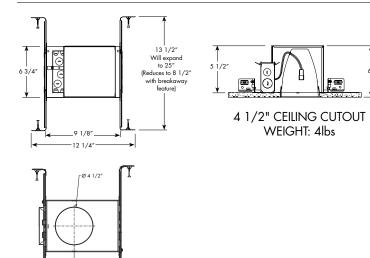|	
Project:	
Fixture Type:	
Location:	
Contact/Phone:	

IC1FW LEDT24 Series

UL Listed · UL Classified · TITLE 24 PART 6 · AIR-LOC

Product Features

4" quick connect LED housing fire-rated downlight solution features non-screw base 120V plug-in connector for simple installation of Juno retrofit LED trim modules.

Patent pending integrated low smoke intumescent barrier

- Eliminates the need for installers to build additional boxes around fixtures to meet fire ratings
- Provides protection against the spread of heat and flames into the ceiling cavity for 1 hour and 2 hour fire ratings
- Reduces sound transmission between floors

Easy installation and servicability

- Low profile housing less than 6" in height
- Easy to handle compact size weighing only 4 lbs
- Installs into wood joists with Real Nail® 3 bar hangers

Applications

- Residential and commercial applications including multi-family, hotels, assisted living, dormitories and other multi-level construction
- Shallow plenum, new construction
- IC rated - for direct contact with insulation

Fire Resistance Specifications:

- Conforms to UL263, ASTM STD E119 and CAN/ULC-S101 US and Canadian installations
- May be used in fire resistance floor-ceiling and roof-ceiling designs per UL Fire Classified Directories CDHW and CDHW7
- 1 hour fire rated floor/ceiling and roof/ceiling gypsum assembly per UL Design No. L500 & P500
- 2 hour fire rated floor/ceiling gypsum assembly per UL Design No. L500, L505, L511, L536, L538, L541, L556, L577, M500, M510, M521 & M543

Dimensions

13 1/2"
Will expand to 25"
(Reduces to 8 1/2" with breakaway feature)

6 3/4"

9 1/8"

12 1/4"

5 1/2"

6"

4 1/2" CEILING CUTOUT
WEIGHT: 4lbs

Ø 4 1/2"

5 7/32"

Performance

Delivered Lumens	up to 1000L
LED Color Temperature	27K, 30K
CRI	90+
Voltage	Dedicated 120V
Dimming	Forward/Reverse Phase

For use with compatible retrofit LED trims:

Downlight

Adjustable

FIREWALL™ LED Downlight Series

4" Fire-Rated Quick Connect LED Downlight
New Construction

ORDERING INFORMATION - HOUSING

Catalog Number	
IC1FW LEDT24	4" Fire-rated Quick Connect LED IC New Construction Housing

IC1FW LEDT24 - Compatible Downlight LED Trim Modules

RetroBasics Downlight
Switchable

RetroBasics Switchable
Adjustable

RetroBasics Smart
Downlight

RetroBasics Smart
Adjustable

E Series Downlight
Switchable

E Series Downlight
Static

4RLD Static
Downlight

4G1 Static
Adjustable

4RLA Static
Adjustable

iGimbal Static
Adjustable

FIREWALL™ LED Downlight Series
4" Fire-Rated Quick Connect LED Downlight
New Construction

FireWall Housing Specifications

Housing
Designed for use in IC (insulated ceiling) or non-IC construction • Powder coated steel housing sealed for Air-Loc® compliance • Integrated patent pending continuous single layer low smoke intumescent barrier ships assembled in housing for fire resistance • Housing is vertically adjustable to accommodate up to a 1 ½" ceiling thickness

Electrical Connections
Features non-screw base 120V plug-in connector • Compatible with Juno retrofit LED trim modules

Junction Box
Pre-wired junction box provided with (6) ½" and (1) ¾" knockouts, (4) knockouts for 12/2 or 14/2 NM cable and ground wire • UL listed and cUL listed for through-branch wiring, maximum of 6 #12 branch circuit conductors • Junction box provided with removable access plates • Knock-outs equipped with pryout slots • Quick connect electrical connectors supplied as standard for fast, secure installation.

Mounting Frame
22-gauge die-formed galvanized steel mounting frame • Rough-in section (junction box, mounting frame, housing and bar hangers) fully assembled for ease of installation • Pre-installed flame resistant Air-Loc gasket applied to frame

Real Nail 3 Bar Hangers
Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system permits quick placement of housing any where within 24" O.C. joists • Includes removable nail for repositioning of fixture in wood joist construction

Certifications
Can be used to comply with 2019 Title 24 Part 6 JA8 high efficacy LED light source requirements • UL listed for U.S. and Canada through-branch wiring, damp locations • When used with RLD trim module, suitable for wet locations (indoor covered ceilings) • UL and cUL • Conforms to UL 263, ASTM STD E119 and CAN/ULC-S101 • May be used in fire resistance floor-ceiling and roof-ceiling designs per UL Fire Classified Directories CDHW and CDHW7 • ASTM E283 certified Air-Loc • STC/IIC sound rated

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Light Commercial & Residential