

# LRTF-Wet Location

LED - Specification-Grade Recessed Luminaire

Project:	Catalogue #:	Type:
Notes:		

## Product Description

Specification-grade enclosed and gasketed luminaire featuring a shallow elliptical center lens. For use with indoor applications where high-efficiency, high performance and ease of installation are required. This IC-rated luminaire's shallow design and dust and moisture resistance, make it ideal for use with indoor applications that require a wet location recessed lay-in T-Bar/Drywall luminaire with door frame.

## Applications

Wet and dusty environments

## Features

- Ideal for shallow or obstructed plenum applications
- Standard low voltage dimming (0-10v)
- 80+ CRI
- Available in 1x4, 2x2, and 2x4
- Internal extruded acrylic lens

## Featured Options

- NSF
- Fasteners Tamper Proof
- Microwave Occupancy Sensor

## Optical System

One piece perimeter door frame with clear sealed lens. Internal frosted ribbed linear extruded acrylic diffuser offer high levels of efficiency and visual comfort. Indirect reflectors are precision formed and contoured to provide soft, low-glare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution.

## Mounting

Holes provided for chain-mounting support to building structure. Lay-in type luminaire for exposed grid type acoustical ceiling structure and swing style mounting brackets for drywall ceiling installation.

## Construction

Die-formed and riveted, heavy-gauge steel housing assembly. Precision-formed steel reflector. Wiring access plate and knockouts are provided on back of housing.

## Finish

White, polyester powder painted housing.

## Electrical

Long life LEDs coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours.

## Warranty

5 year limited warranty. For complete warranty, click here:

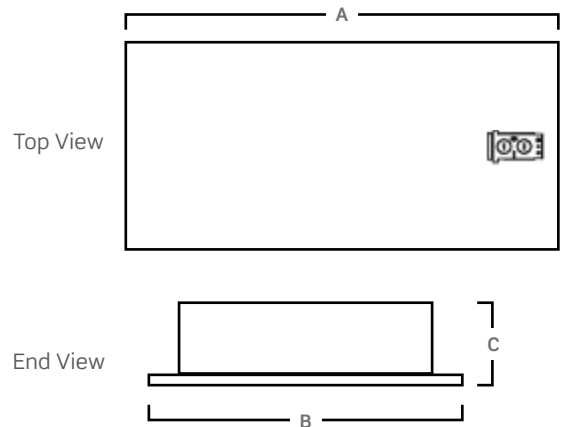


## Approvals

- Approved to CSA/UL standards. UL listed for insulated ceilings.
- Tested in accordance to IESNA LM-79.
- UL listed for wet locations.



## Dimensions



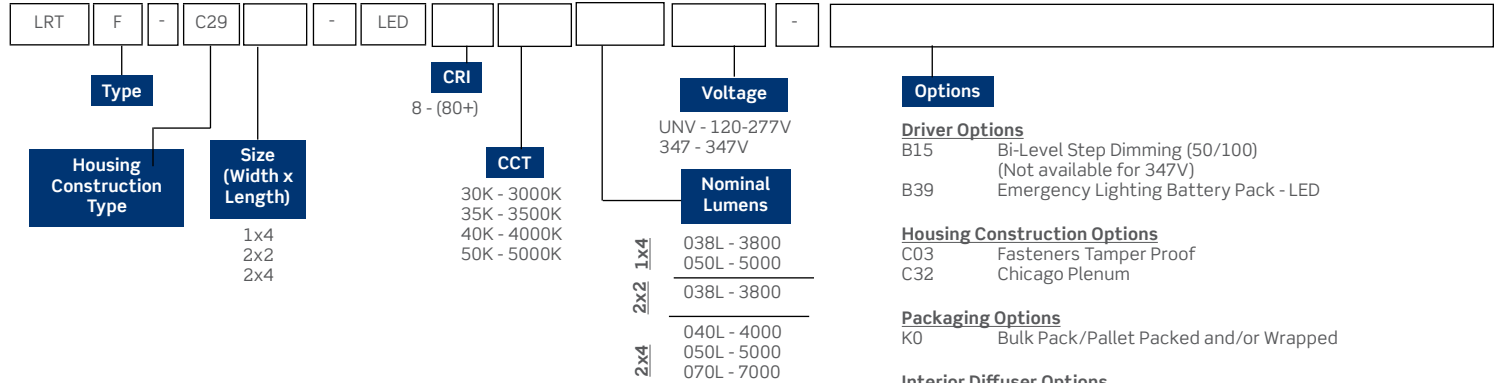
Size	A	B	C
1x4	47 3/4"	11 3/4"	3 15/16"
2x2	23 3/4"	23 3/4"	3 15/16"
2x4	47 3/4"	23 3/4"	3 15/16"

Consult installation guide for exact dimensions.

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## Order Key

### EXAMPLE: LRTF-C29-2x4-LED840K070LUNV



#### Driver Options

- B15 Bi-Level Step Dimming (50/100) (Not available for 347V)
- B39 Emergency Lighting Battery Pack - LED

#### Housing Construction Options

- C03 Fasteners Tamper Proof
- C32 Chicago Plenum

#### Packaging Options

- K0 Bulk Pack/Pallet Packed and/or Wrapped

#### Interior Diffuser Options

- Frosted Ribbed Linear Acrylic Lens is Standard - P41
- C24 Shield Rectangular Perforated Matte White
- C26 Shield Perforated Hole Pattern Matte White

#### External Diffuser Options

- Clear Acrylic Lens is Standard - P56
- P45 Clear Polycarbonate

#### Wiring Options

- V09 Flexible Whip (standard 6Ft. x 3-18 ga.)

#### Approval and Rating Options

- X5P05 NSF - National Sanitation Foundation (Comes with NSF compliant gloss white finish)

#### Controls Options

To view the controls guide [Click Here](#).

\* For X5 – exterior lens must be P05 (clear acrylic) used in conjunction with other optional interior lens.

\* See Ordering Key.  
Other options may be available, consult factory.  
Specifications and data subject to change without notice.

## Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens per Watt
1x4	3800	3813	26.6	143.5
	5000	5002	35.5	140.8
2x2	3800	3817	32.4	117.9
2x4	4000	4026	28.8	139.6
	5000	5018	36.6	137.2
	7000	7007	52.9	132.4

Values based on 840K with standard lens at 25C

## Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946
90CRI	0.875	0.875	0.836	0.809