

Project:	Catalogue #:	Type:
Notes:		

**Product Description**

Premium-grade, recessed, lay-in coffered T-Bar troffer with modern styling and high visual comfort featuring dual shallow semi-round lenses. For use with indoor applications where lowglare, high-quality and ease of installation are required. This luminaire comes with dual high-efficiency lenses for enhanced performance. This ICrated luminaire's low-profile design makes it ideal for shallow or obstructed plenum applications.

**Applications**

Office Areas, Retail Stores, Classrooms, Corridors, Hospitals, Nursing Homes

**Features**

- Shallow design
- Enhanced, uniform lighting delivers a balanced amount of light to walls, cubicles, work surfaces and people
- Extruded acrylic lenses
- Standard low voltage dimming (0-10v, 1%)
- Available in 1x1,1x4, 2x2, 2x4, 20x60, 30x30, 750x750, and 500x1500 configurations
- For use in insulated ceilings

**Featured Options**

- Emergency lighting battery pack
- Air handling

**Optical System**

Round linear ribbed frosted acrylic diffuser, offers 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**

This luminaire has been specifically designed for T-Bar applications. Holes provided for chain-mounting support to building structure with integral earthquake clips.

**Construction**

Die-formed, code gauge steel housing. Precision-formed steel reflector.

**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: 



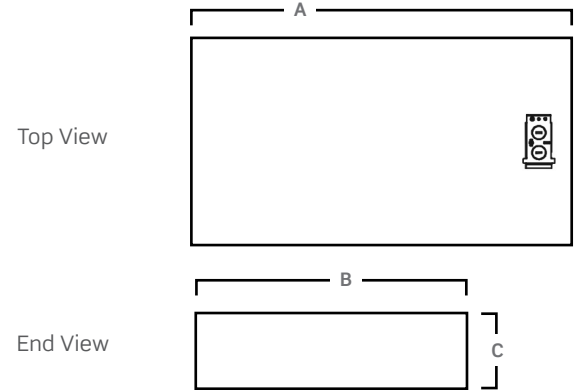
**Approvals**

- Approved to CSA/UL standards. UL listed for insulated ceilings.
- Tested in accordance to IESNA LM-79.
- Suitable for damp locations.
- DesignLights Consortium® Qualified

All configurations may not be DLC qualified. Check [www.designlights.org/QPL](http://www.designlights.org/QPL) for qualified configurations



**Dimensions**



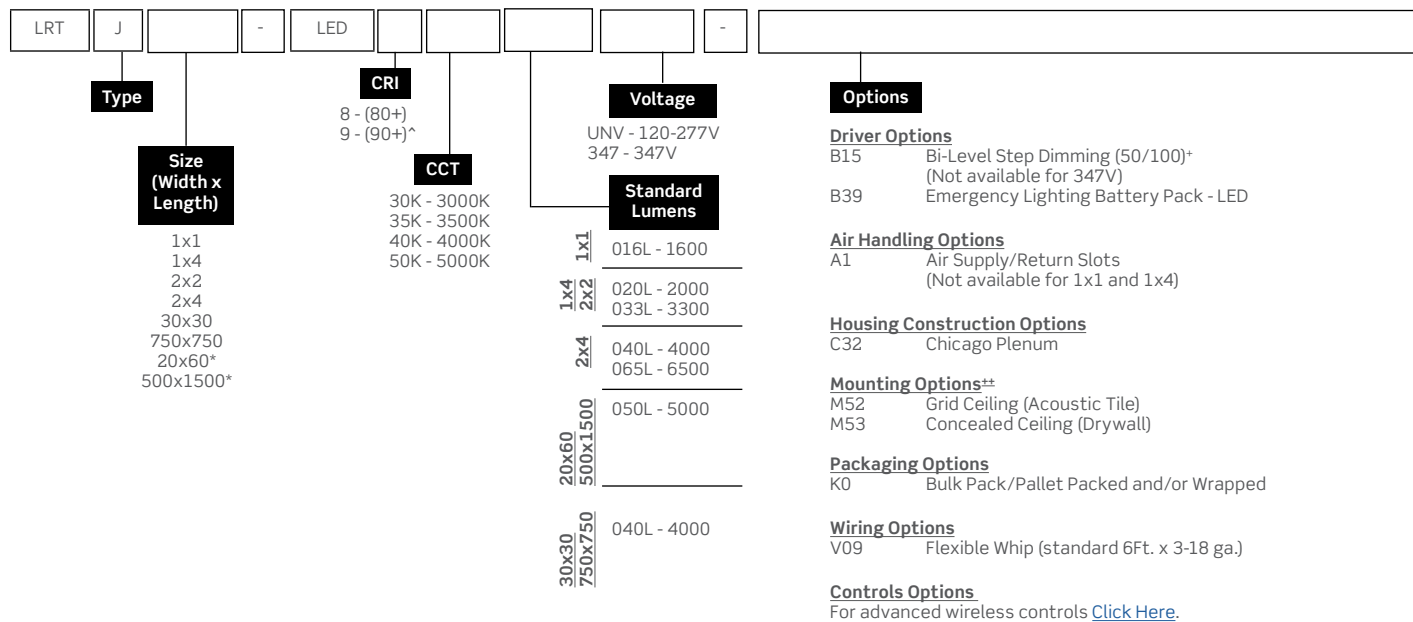
Size	A	B	C
1x1	11 3/4"	11 3/4"	3 3/8"
1x4	47 3/4"	11 3/4"	3 1/4"
2x2	23 3/4"	23 3/4"	3 3/8"
2x4	47 3/4"	23 3/4"	3 3/8"
20x60	59 3/4"	19 3/4"	3 3/8"
30x30	29 3/4"	29 3/4"	3 3/8"
750x750	744mm	744mm	86mm
500x1500	1494mm	494mm	86mm

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LRTJ2x2-LED840K033LUNV



\*Includes filler plates. Consult factory for configuration details.  
 ^ 90+ CRI reduces lumen output by 20%, not available with 5000K  
 \* Not available for 347V. Consult factory for configuration details  
 \*\* For 1x1 size only.

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
1x1	1600	-	16	-
1x4	2000	2068	14.2	145.9
	3300	3329	23.8	139.9
2x2	2000	2068	14.2	145.9
	3300	3329	23.8	139.9
2x4	4000	4066	27.8	146.1
	6500	6525	46.5	140.2
20x60 500x1500	5000	-	40	-
30x30 750x750	4000	4066	27.8	146.1

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

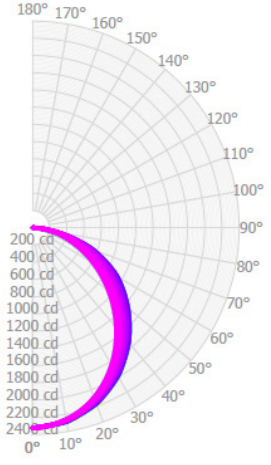
Flange Kits (Ordered Separately)	
Size (Width x Length)	Item No.
1x4	KIT00136
2x2	KIT00137
2x4	KIT00138

Surface Kits (Ordered Separately)	
Size (Width x Length)	Item No.
1x4	KIT00373
2x2	KIT00374
2x4	KIT00375

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**Photometrics**

IES File: **LRTJ2X4-LED840K065LUNV**  
 Lumens: **6448**  
 Wattage: **52.5**  
 Eff cacy: **123**



**Zonal Lumen Summary**

Zone	Lumens	%Fixture
0.0° - 30.0°	1782	27.6%
0.0° - 40.0°	2895	44.9%
0.0° - 60.0°	5061	78.5%
0.0° - 90.0°	6448	100.0%
0.0° - 110.0°	6448	100.0%
0.0° - 130.0°	6448	100.0%
0.0° - 150.0°	6448	100.0%
0.0° - 170.0°	6448	100.0%
0.0° - 180.0°	6448	100.0%

**Coefficients of Utilization**

ρc	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	119	119	119	116	116	116	111	111	111
1	109	104	100	106	102	98	101	97	94
2	99	90	84	96	89	82	91	85	80
3	90	79	71	87	78	70	83	75	68
4	82	70	61	80	69	61	76	66	59
5	76	63	54	74	62	53	70	60	52
6	70	57	48	68	56	47	64	54	46
7	65	51	42	63	50	42	60	49	41
8	60	47	38	59	46	38	56	45	37
9	56	43	35	55	42	34	52	41	34
10	53	40	32	52	39	32	49	38	31

**Average Luminance Table (cd/m2)**  
**CP Summary**

	0.00°	45.00°	90.00°
0.00°	3200	3200	3200
45.00°	2613	2887	3104
55.00°	2367	2772	3093
65.00°	2099	2705	3016
75.00°	1769	2566	2460
85.00°	1151	1702	1645

Effective Floor Cavity Reflectance: 20%