

Project:	Catalogue #:	Type:
Notes:		

Product Description

Premium-grade, recessed, lay-in direct/indirect coffered T-Bar troffer with modern styling and high visual comfort featuring a center basket. For use in indoor applications where low-glare, high-quality and ease of installation and maintenance are required. This IC-rated luminaire's basket-shaped, perforated metal shield provides both direct and indirect light distribution for primary and ambient lighting which makes it ideal for most office environments and corridors.

Features

- Enhanced, uniform lighting delivers a balanced amount of light to walls, cubicles, work surfaces and people
- Standard low voltage dimming (0-10v, 1%)
- 80+ CRI
- Available in 1x4, 2x2 and 2x4 configurations
- For use in insulated ceilings
- Room side access for driver compartment

Applications

- Office Areas
- Retail Stores
- Classrooms
- Corridors

Featured Options

- Emergency lighting battery pack
- Air handling
- Baffle integrated metal crossblade

Optical System

Shields are perforated for direct and indirect illumination and contain a opal white acrylic overlay diffuser for 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 and riveted, heavy-gauge steel housing assembly. Precision formed, steel reflector. Die-formed, perforated cold rolled steel shielding. Wiring access plate is 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 terms visit:
https://www.viscor.com/en/docs/VISCOR_LED_WARRANTY.PDF

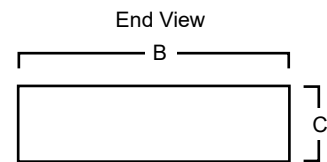
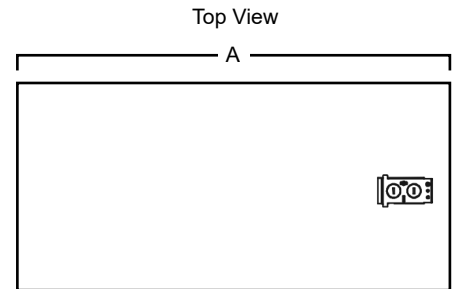
Approvals

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

Approvals



Dimensions



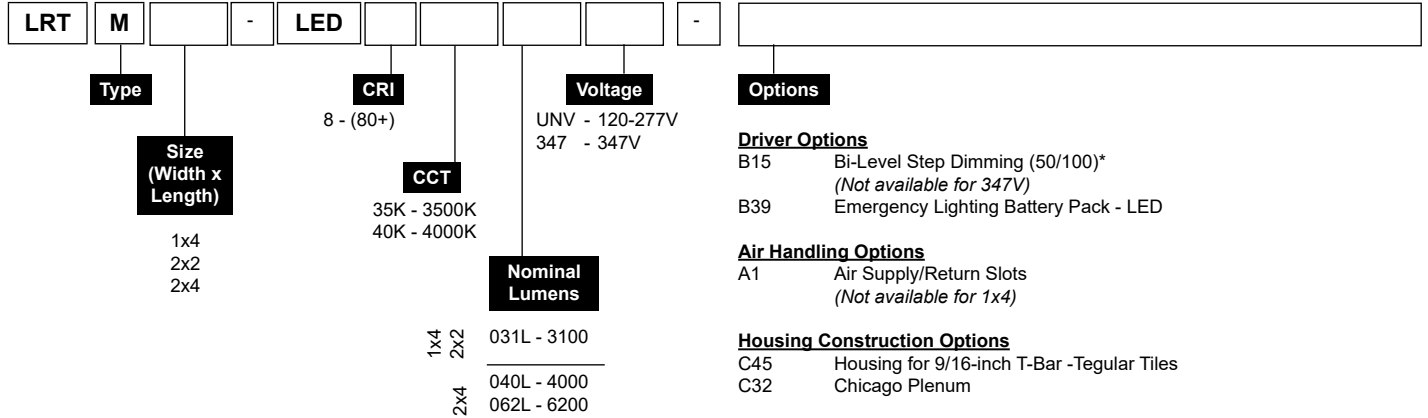
	A	B	C
1x4	47 3/4"	11 3/4"	5 1/2"
2x2	23 3/4"	23 3/4"	5 1/2"
2x4	47 3/4"	23 3/4"	5 1/2"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LRTM2x4- LED840K062LUNV



Size	Nominal Lumens	Watts
1x4	3100	38
2x2	3100	38
2x4	4000	47
	6200	75

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

Options

Driver Options

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

Air Handling Options

- A1 Air Supply/Return Slots
(Not available for 1x4)

Housing Construction Options

- C45 Housing for 9/16-inch T-Bar -Tegular Tiles
- C32 Chicago Plenum

Lens and Shielding Options

- L01 Basket Integrated Metal Crossblade

Packaging Options

- K0 Bulk Pack/Pallet Packed and/or Wrapped

Wiring Options

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

Wireless Controls Options (V2)

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

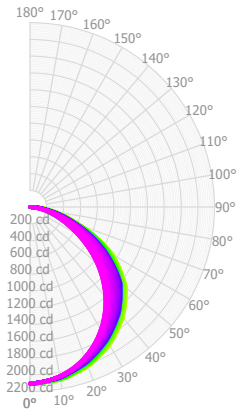
* Not available for 347V. Consult factory for configuration details.

Other options may be available, consult factory. Specifications and data subject to change without notice.

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Photometrics

IES File: **LRTM2x4-LED840K062LUNV**
 Lumens: **5925**
 Wattage: **76**
 Efficacy: **78**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	1633	27.6%
0.0° - 40.0°	2676	45.2%
0.0° - 60.0°	4741	80.0%
0.0° - 90.0°	5925	100.0%
0.0° - 110.0°	5925	100.0%
0.0° - 130.0°	5925	100.0%
0.0° - 150.0°	5925	100.0%
0.0° - 170.0°	5925	100.0%
0.0° - 180.0°	5925	100.0%

Coefficients of Utilization

pc	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	98	95
2	99	91	84	96	89	83	92	85	80
3	90	80	72	88	78	71	83	75	69
4	83	71	62	80	69	61	76	67	60
5	76	63	54	74	62	54	70	60	52
6	70	57	48	68	56	47	65	54	47
7	65	52	43	63	51	42	60	49	42
8	61	47	39	59	46	38	56	45	38
9	57	43	35	55	43	35	53	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°	2899	2899	2899
45.00°	2399	2816	3127
55.00°	2058	2787	3157
65.00°	1597	2673	2869
75.00°	1192	1960	2383
85.00°	668	1583	2197

Effective Floor Cavity Reflectance: 20%