

Project:	Catalogue #:	Type:
Notes:		

Product Description

Commercial-grade, recessed, lay-in coffered T-Bar troffer with modern styling and high visual comfort featuring a single shallow semi-round lens. For use with indoor applications where low-glare, high-quality and ease of installation are required. This IC-rated luminaire's low-profile design makes it ideal for shallow or obstructed plenum applications.

Features

- Shallow design
- Enhanced, uniform lighting delivers a balanced amount of light to walls, cubicles, work surfaces and people
- Extruded acrylic lens
- Standard low voltage dimming (0-10v)
- 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
- Hospitals
- Nursing Homes

Featured Options

- Emergency lighting battery pack
- Air handling
- Optional basket/lenses, see ordering key

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, lowglare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution. Other lens options available (see ordering key on page 2).

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 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.

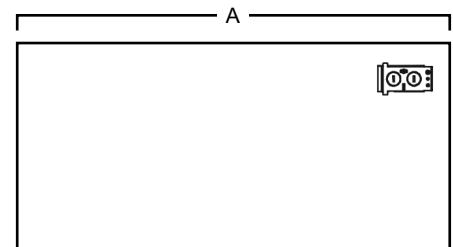
DesignLights Consortium® Qualified.

Approvals

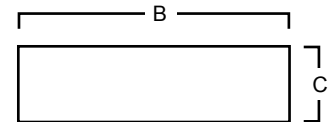


Dimensions

Top View



End View



	A	B	C
1x4	47 3/4"	11 3/4"	2 1/2"
2x2	23 3/4"	23 3/4"	2 1/2"
2x4	47 3/4"	23 3/4"	2 1/2"
30x30	29 3/4"	29 3/4"	2 1/2"
20x60	59 3/4"	19 3/4"	2 1/2"
750x750	744mm	744mm	64mm
500x1500	1494mm	494mm	64mm

Consult installation guide for exact dimensions.

All configurations may not be DLC qualified. Check www.designlights.org/QPL for qualified configurations.

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Order Key

EXAMPLE: LRTH2x4- LED840K050LUNV-P90

LRT	H		-	LED					-	
Type		Size (Width x Length)		CRI	CCT	Voltage	Options			
		1x4 2x2 2x4 30x30 750x750 20x60 † 500x1500 †		8 - (80-89) 9 - (90+) ^	30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	UNV - 120-277V 347 - 347V	Driver Options B15 Bi-Level Step Dimming (50/100)* (Not available for 347V) B39 Emergency Lighting Battery Pack - LED			
						Nominal Lumens	Air Handling Options A1 Air Supply/Return Slots (Consult factory for 1x4)			
						1x4 2x2 2x4 30x30 750x750 20x60 500x1550	Housing Construction Options C45 Housing for 9/16-inch T-Bar - Tegular Tiles C32 Chicago Plenum			
						040L - 4000 020L - 2000 032L - 3200 040L - 4000 050L - 5000 032L - 3200 050L - 5000	Packaging Options K0 Bulk Pack/Pallet Packed and/or Wrapped			
							Lens Options <i>Round Ribbed Frosted Acrylic Standard</i> P90 Wide Round Linear Ribbed Frosted Acrylic P95 Frosted Polycarbonate Square Lens (Narrow) P95 (W) Frosted Polycarbonate Square Lens (Wide)			
							Wiring Options V09 Flexible Whip (standard 6Ft. x 3-18 ga.)			
							Wireless Controls Options (V1) To view the controls guide Click Here .			

† Includes filler plates. Consult factory for configuration details.

Size	Nominal Lumens	Watts
1x4	4000	29
2x2	2000	14
	3200	23
2x4	4000	29
	5000	34
500x1500	5000	34
30x30	3200	23
20x60	5000	34
750x750	3200	23

*Not available for 347V. Consult factory for configuration details.
^ 90+ CRI reduces lumen output by 20%, not available with 5000K

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

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

Lens Options



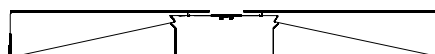
STANDARD LENS



OPTIONAL P90 LENS (WIDE)



OPTIONAL P95 LENS

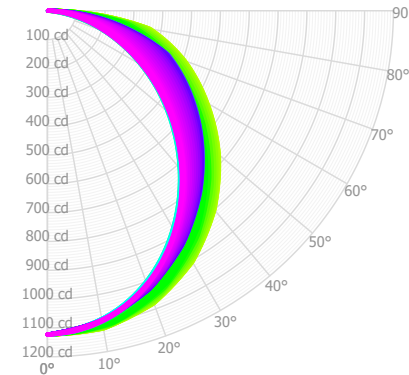


OPTIONAL P95(W) LENS (WIDE)

Project: Catalogue #: Type:
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Photometrics

IES File: LRTH2X2-LED840K032LUNV
Lumens: 3284
Wattage: 32
Efficacy: 103



Zonal Lumen Summary

Table with 3 columns: Zone, Lumens, %Fixture. Rows include zones from 0.0° to 90.0°.

Average Luminance Table (cd/m2)
CP Summary

Table with 4 columns: Angle, 0.00°, 45.00°, 90.00°. Rows include angles from 0.00° to 85.00°.

Coefficients of Utilization

Table with 8 columns: pc, pw, 70%, 50%, 30%, 70%, 50%, 30%, 7. Rows include values from 0 to 10.

Effective Floor Cavity Reflectance: 20%