

LRTH Select

LED Recessed Type H - Architectural Lighting

Project:	Catalogue #:	Type:
Notes:		

Product Description

Colour selectable 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

- 3 colour temperatures (3000K, 3500K & 4000K)
- 3 wattages (low, medium & high)
- Compatible with 120, 277 & 347 V
- Enhanced, uniform lighting delivers a balanced amount of light to walls, cubicles, work surfaces and people
- Available in 1x4, 2x2 and 2x4 configurations
- For use in insulated ceilings
- Standard low voltage dimming (0-10v)

Applications

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

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. Integral earthquake clips for additional support.

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

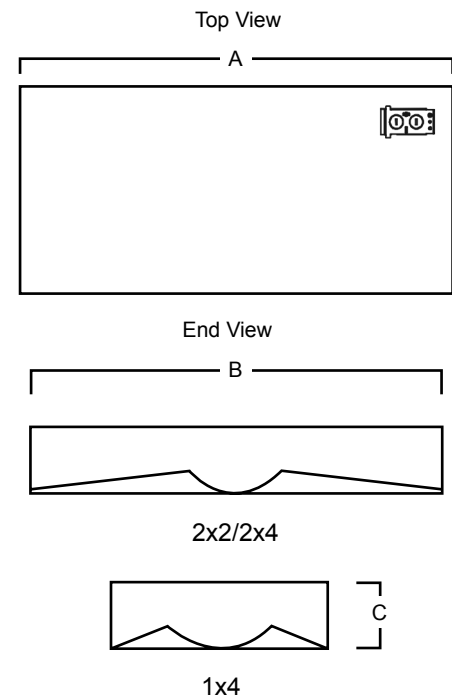
Approvals

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



Size	A	B	C
1x4	48"	12"	2 1/2"
2x2	24"	24"	2 1/2"
2x4	48"	24"	2 1/2"

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

Item No.	Size	Catalogue No.	Voltage
54463	1x4	LRTH1x4-LED83040KSUN3	120-347V (UN3)
54464	2x2	LRTH2x2-LED83040KSUN3	
54465	2x4	LRTH2x4-LED83040KSUN3	

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

	Lumens	Watts	Efficacy
Low Output	2600	20	130
Medium Output	3500	28	125
High Output	4200	35	120

Lumen Multipliers	
CCT	Multiplier
3000K	0.95
4000K	0.975

Table displays values for all sizes based on 3500K.

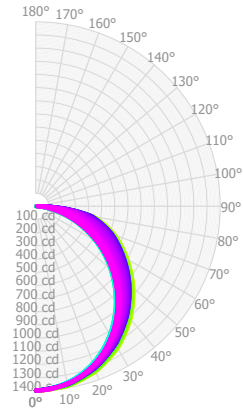
Troffer and Linear Wireless Controls Guide

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

Project:	Catalogue #:	Type:
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Photometrics

IES File: **LRTH2X4-LED83040KSUN3**
 Lumens: **4352**
 Wattage: **33.2**
 Eff cacy: **131**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	1084	24.9%
0.0° - 40.0°	1777	40.8%
0.0° - 60.0°	3181	73.1%
0.0° - 90.0°	4352	100.0%
0.0° - 110.0°	4352	100.0%
0.0° - 130.0°	4352	100.0%
0.0° - 150.0°	4352	100.0%
0.0° - 170.0°	4352	100.0%
0.0° - 180.0°	4352	100.0%

Average Luminance Table
 (cd/m2)
 CP Summary

	0.00°	45.00°	90.00°
0.00°	1882	1882	1882
45.00°	1654	1837	1985
55.00°	1532	1837	2076
65.00°	1349	1911	2297
75.00°	1049	2243	2820
85.00°	352	3344	3621

Coefficients of Utilization

pc pw	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	119	119	119	116	116	116	111	111	111
1	107	102	97	104	100	95	99	95	91
2	97	88	80	94	86	79	89	82	76
3	88	77	68	85	75	67	81	72	65
4	80	68	58	78	66	58	74	64	56
5	74	60	51	72	59	50	68	57	49
6	68	54	45	66	53	44	62	51	43
7	63	49	40	61	48	40	58	47	39
8	59	45	36	57	44	36	54	43	35
9	55	41	33	53	40	32	51	39	32
10	51	38	30	50	37	30	48	36	29

Effective Floor Cavity Reflectance: 20%