

Project:	Catalogue #:	Type:
Notes:		

Product Description

Commercial-grade, surface-mounted wrap-around ceiling luminaire. For use with indoor applications where low-cost, but commercial-grade ruggedness and compact design is required.

Applications

Stairwells, Corridors, Utility Areas, Kitchens



Features

- Shallow ADA design
- Diffuser self-aligns and hinges from either side for easy maintenance
- Continuous row-mounting capability
- Standard low voltage dimming (0-10v)

Featured Options

- Emergency lighting battery pack
- Joiner band
- Speedy hangers
- Stem and canopy sets

Optical System

Standard polycarbonate diffuser features a uni-linear design for even and low-glare illumination.

Mounting

Knock-outs are provided for stem-mounting. Mounts over electrical junction box. Mounting holes are embossed to prevent distortion of housing when tightening mounting fasteners. Offset mounting pads are formed within the housing and keep luminaire level and slightly off of the mounting surface.

Construction

Die-formed, code gauge pre-painted, high-reflectance white steel housing. Driver cover snaps into place eliminating the need for tools when accessing the driver. This luminaire is suitable for row-mounting.

Finish

Pre-painted, high-reflectance white housing.

Electrical

Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver L80 performance > 50,000 hours. Supplied with dimmable drivers (0-10v). System efficacy of at least 100 lumens per watt for standard units.

Warranty

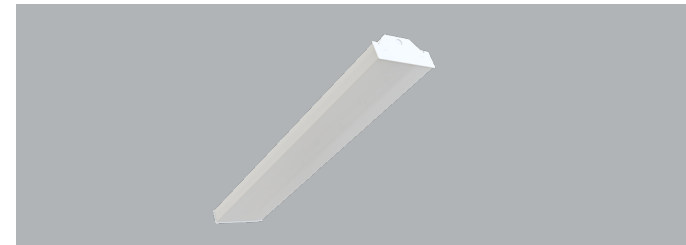
5 year limited warranty. For complete warranty, click here:



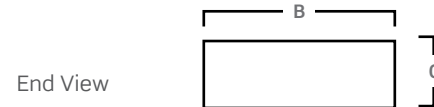
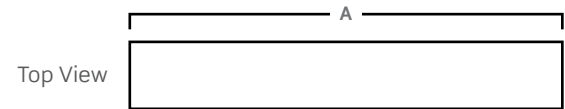
Approvals

- Approved to CSA and UL standards.
- 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 for qualified configurations



Dimensions



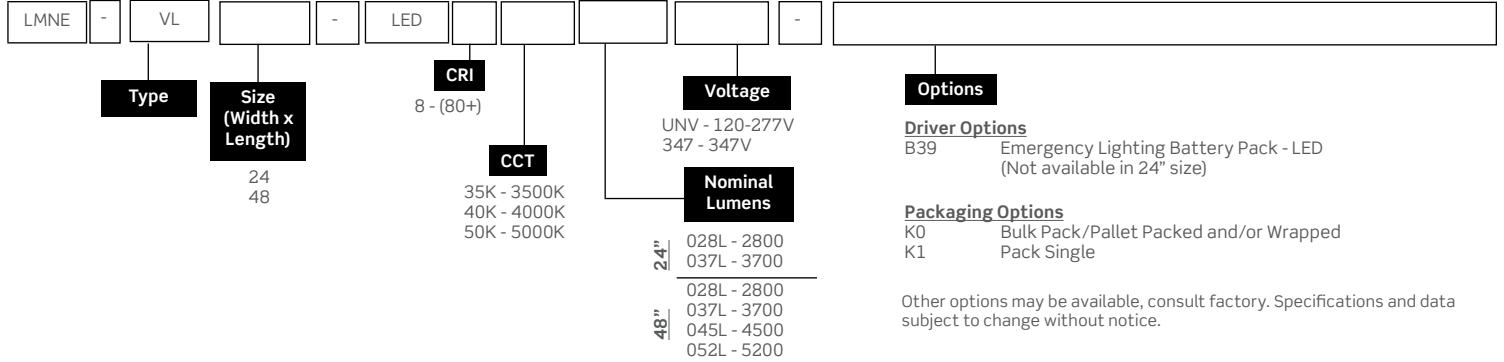
Size	A	B	C
24"	23 3/8"	9 1/4"	4"
48"	46 1/8"	9 1/4"	4"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: LMNE-VL48-LED835K037LUNV



Performance Data

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Lumens Per Watt
24	2800	3079	21.2	145.5
	3700	3932	27.8	141.5
48	2800	3130	20.5	152.5
	3700	4037	26.8	150.6
	4500	4753	31.9	148.9
	5200	5249	35.5	147.7

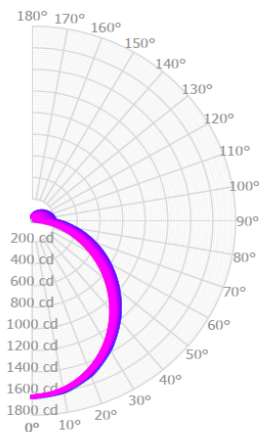
Values based on 840K with standard lens at 25C

Mounted Accessories (Ordered Separately)

- KIT00003 Stem & Canopy Set 3/8"IP (2) 4ft.M26
- KIT00044 Stem & Canopy Set Sloped Ceilings (2) 3ft.M29
- KIT00045 Stem & Canopy Set Sloped Ceilings (2) 4ft.M29
- KIT00046 Stem & Canopy Set Sloped Ceilings (2) 6ft.M29
- KIT00047 Stem & Canopy Set 3/8"IP (2) 2ft.M26
- KIT00048 Stem & Canopy Set 3/8"IP (2) 1ft.M26
- KIT00050 Stem & Canopy Set 3/8"IP (2) 3ft.M26
- KIT00053 Stem & Canopy Set 3/8"IP (2) 6ft.M26

Photometrics

IES File: **LMNE-VL48-LED840K052LUNV**
 Lumens: **5353**
 Wattage: **44.6**
 Efficacy: **120**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	1251	23.4%
0.0° - 40.0°	2036	38.0%
0.0° - 60.0°	3584	66.9%
0.0° - 90.0°	4793	89.5%
0.0° - 110.0°	5027	93.9%
0.0° - 130.0°	5203	97.2%
0.0° - 150.0°	5308	99.2%
0.0° - 170.0°	5349	99.9%
0.0° - 180.0°	5353	100.0%

Coefficients of Utilization

pc	80%			70%			50%		
	70%	50%	30%	70%	50%	30%	70%	50%	30%
0	117	117	117	113	113	113	105	105	105
1	105	100	95	101	97	93	94	91	87
2	95	87	80	92	84	77	85	79	73
3	87	76	68	83	74	66	77	69	63
4	79	67	58	76	65	57	70	61	54
5	73	60	51	70	58	50	65	55	48
6	67	54	45	65	52	44	60	49	42
7	62	49	40	60	47	39	56	45	38
8	58	44	36	56	43	35	52	41	34
9	54	41	33	52	40	32	49	38	31
10	51	38	30	49	37	29	46	35	28

Average Luminance Table (cd/m²) CP Summary

	0.00°	45.00°	90.00°
0.00°	6102	6102	6102
45.00°	5174	5520	5776
55.00°	4807	5359	5762
65.00°	4388	5279	5939
75.00°	3854	5509	6696
85.00°	2533	8310	12030

Effective Floor Cavity Reflectance: 20%