

Project:	Catalogue:	Type:
Notes:		

Product Description

LMNW is a wide body commercial surface-mounted and suspended wrap-around luminaire. The wide footprint is ideal for replacement of existing luminaires, or new construction applications. The fully illuminated, formed polycarbonate lens provides smooth, even illumination and resistance to impacts.

Applications

Stairwells, Corridors, Utility Areas, Kitchens, Schools

Features

- Shallow design
- Available in lengths from 24 to 96 inches
- frosted polycarbonate lens
- Continuous row-mounting capability
- Standard low voltage dimming (0-10v)

Featured Options

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

Optical System

Standard diffuser is frosted polycarbonate lens designed for even and low-glare illumination and impact resistance.

Mounting

Knock-outs are provided for stem-mounting. Mounts over electrical junction box. Mounting holes are provided within offset to prevent distortion of housing when tightening mounting fasteners. Offset mounting pads which keep luminaire level and slightly off of the mounting surface are formed within the housing. Additional mounting points for suspension mounting via speedy hanger, S-hook or aircraft cable.

Construction

Die-formed, code gauge pre-painted, high-reflectance white steel housing. 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 unit.

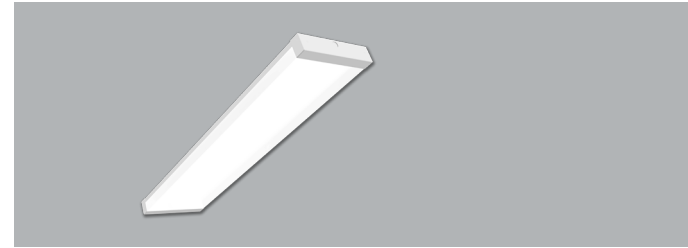
Warranty

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

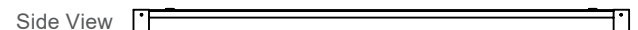
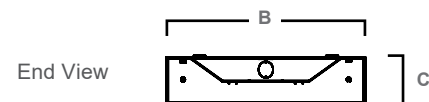


Approvals

- ETL Certified to UL1598 and CSA22.2 no 250.0
- Tested in accordance to IESNA LM-79
- Suitable for dry and damp locations
- RoHS compliant



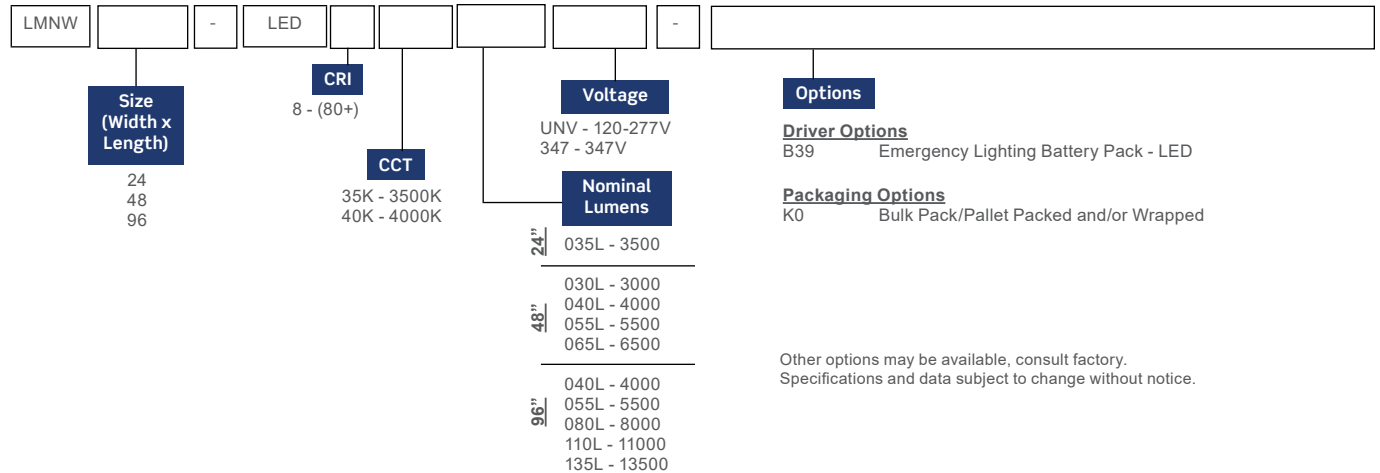
Dimensions



Size	A	B	C
24"	24"	12"	2.5"
48"	48"	12"	2.5"
96"	96"	12"	2.5"

Consult installation guide for exact dimensions.

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Order Key**EXAMPLE: LMNW96-LED835K040LUNV****Performance Data**

LED Performance Data				
Size	Nominal Lumens	Delivered Lumens	Watts	Efficacy
24	035L	3595	26.9	133.8
48	030L	2906	20.8	140.1
	040L	4086	29.3	139.5
	055L	5449	39.1	139.4
	065L	6778	48.8	138.9
96	040L	4170	29.3	142.3
	055L	5527	39.1	141.4
	080L	8172	58.6	139.5
	110L	10898	78.1	139.5
	135L	13556	97.6	138.9

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

Performance Scaling Factor

	50K	40K	35K	30K
80CRI	1.000	1.000	0.960	0.946

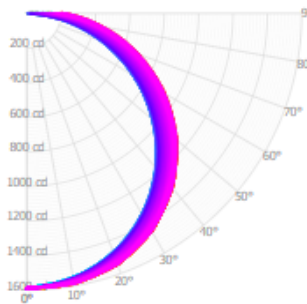
Lifetime Expectancy

	Calculated Hours	Reported Hours
L70	≥ 238,000	> 60,000
L80	≥ 149,000	> 60,000
L90	≥ 71,000	> 60,000

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Photometrics

IES File: **LMNW48-LED840K05SLUNV**
 Lumens: **N/A**
 Wattage: **39.1**
 Efficacy: **139**



Zonal Lumen Summary

Zone	Lumens	%Fixture
0.0° - 30.0°	1252	23.0%
0.0° - 40.0°	2073	38.0%
0.0° - 60.0°	3768	69.2%
0.0° - 90.0°	5124	94.0%

Average Luminance Table (cd/m²) CP Summary

	0.00°	45.00°	90.00°
0.00°	4273	4273	4273
45.00°	4500	3996	3662
55.00°	4586	3875	3401
65.00°	4740	3707	3035
75.00°	5131	3463	2460
85.00°	6946	3067	1260

Coefficients of Utilization

Values are lumens delivered to the workplane from a single luminaire

pc	80%				70%				50%				30%				10%				0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	6409	6409	6409	6409	6223	6223	6223	6223	5874	5874	5874	5555	5555	5555	5262	5262	5262	5124			
1	5779	5489	5229	4995	5593	5332	5096	4882	5037	4844	4667	4767	4611	4466	4518	4393	4277	4136			
2	5221	4738	4339	4003	5043	4605	4240	3929	4356	4051	3787	4126	3873	3651	3914	3706	3522	3382			
3	4740	4133	3664	3290	4573	4021	3587	3238	3809	3441	3138	3613	3303	3042	3432	3171	2949	2811			
4	4327	3644	3144	2762	4173	3549	3084	2725	3368	2968	2651	3201	2858	2580	3045	2752	2510	2377			
5	3970	3244	2736	2361	3829	3162	2688	2333	3008	2594	2277	2864	2504	2222	2730	2418	2168	2040			
6	3660	2911	2409	2049	3532	2842	2369	2026	2709	2292	1982	2585	2219	1938	2469	2147	1896	1774			
7	3389	2633	2143	1799	3273	2573	2110	1781	2458	2046	1746	2351	1984	1711	2250	1925	1676	1560			
8	3151	2397	1923	1597	3046	2345	1895	1582	2245	1841	1553	2152	1789	1524	2064	1739	1496	1385			
9	2941	2196	1739	1431	2845	2150	1716	1419	2063	1670	1394	1981	1625	1370	1904	1582	1346	1241			
10	2754	2022	1584	1293	2668	1982	1564	1282	1906	1524	1261	1834	1486	1241	1765	1449	1220	1121			

Effective Floor Cavity Reflectance: 20%

EM Ordering Guide

EM Function	Order Code	Description	Notes
Standard EM	B39	10W EM battery pack	Standard 10W output, 90 minute run time in emergency mode.
High Wattage EM	B39(20W)	20W EM battery pack	Standard 20W output, 90 minute run time in emergency mode.
347V EM	347...B39	8W 347V EM battery pack	Fixture part number indicates 347V input voltage.
347 High Wattage EM	347...B39(20W)	20W 347V EM battery pack	Fixture part number indicates 347V input voltage.
Self Testing EM	B39(SD)	10W Self test EM battery pack	Self test instructions provided with each fixture. Digital copies available as needed.
Cold Weather	B06...B39	10W Cold weather EM battery pack suitable to -20°C	Standard EM battery pack 0°C minimum temperature.
120 Minute EM	B39(2HR)	EM battery pack with 120 minute minimum run time	Standard 14W output, 120 minute run time in emergency mode.
Specified EM	B39(xx)	Customer to specify brand, model number and/or feature.	xx Indicates model number of specified by Viscor.