LWP - MN
LED Wall Pack

Photocell Included

Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

Description

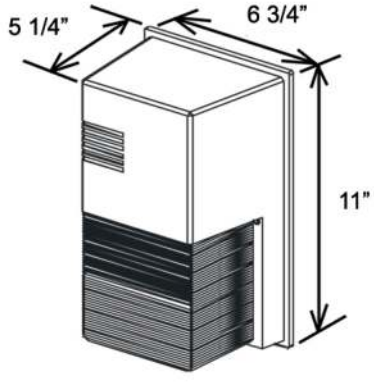
The LWP-MN mini wall pack fixture delivers the illumination performance to replace a 70W HID fixture one-for-one. With a dusk to dawn photocell built standard into every fixture, the LWP-MN is perfect for building facades, general security, storage areas, and entry door applications.

Performance Data

Model	Watts	Equiv	Lumens	Efficacy
LWP-MN-10	10W	70W HID	960 Lm	96 LPW

Dimensions & Weights

Model	Width	Height	Depth	Weight
LWP-MN-10	6 3/4"	11"	5 1/4"	3.35 lbs.



Technical Specifications

Input Voltage: 120-277V

Housing: Dark bronze polycarbonate front housing with clear prismatic lens. Die cast aluminum back plate with cast-in template for mounting over an electrical box.

Lens: Molded prismatic polycarbonate lens.

Mounting: Die cast aluminum back plate with cast-in template for mounting directly over a 4" recessed outlet box, or by use of ½" surface conduit.

Effective Projected Area (EPA): 0.54 ft²

Color Temperature: 2700K WW, 4000K NW (standard), 5700K CW. All LED's are rated for a minimum of 100,000 hours of continuous operation at ambient temperatures from -40°F/-40°C to 95°F/35°C.

Color Rendering Index (CRI): Minimum of 70 or higher.

Photocell: Voltage specific (120VAC or 277VAC) dusk-to-dawn lighting control photocell included standard.

Surge Protection: A 20kA surge suppressor is included and complies with IEEE/ANSI C62.41.2 guidelines for "C High." Surge location rated Category C3.

Lumecon ETD System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

Battery Back-Up (Optional): When triggered into emergency mode, the BBU operates the LEDs for a code-compliant 90 minutes. When AC power is restored, the driver automatically returns to charging mode. The BBU is a UL recognized component and meets all applicable safety standards.

Certification Data: ETL Listed to UL 1598, UL 8750 and CSA 22.2 No. 250 for Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750, Lighting Facts and DLC. Not all versions of this product may be DLC qualified. For a complete list of Lumecon DLC Qualified Products visit: www.designlights.org.

Manufacturing Origin: US Manufactured and Assembled.

Buy American: Meets Buy American requirements within the ARRA.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com

Email: sales@lumecon.com Website: www.lumecon.com Phone: 248-477-5009

6.16.2016

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Ordering Information

Ordering Example: LWP-MN-10-DB-1-NW-X-X-PC1-X

WATTAGE	COLOR	VOLTAGE	COLOR TEMPERATURE	OCCUPANCY SENSOR	BATTERY BACK-UP
10 - 10 Watts	DB - Dark Bronze	1 - 120v - 277v	NW - Neutral CW - Cool WW - Warm	X - None OC1 - On/Off	X - None BB1 -120v BBU* BB2 -277v BBU* BBC1 -120v BBU Cold Temp Rated* BBC2 -277v BBU Cold Temp Rated* ** Requires external box*

PHOTOCELL	INLINE FUSE
X - None PC1 - 120v PC PC2 - 277v PC PC3 - 347v PC PC4 - 480v PC	X - None F - Inline Fuse, 2.5A

Battery Back-Up

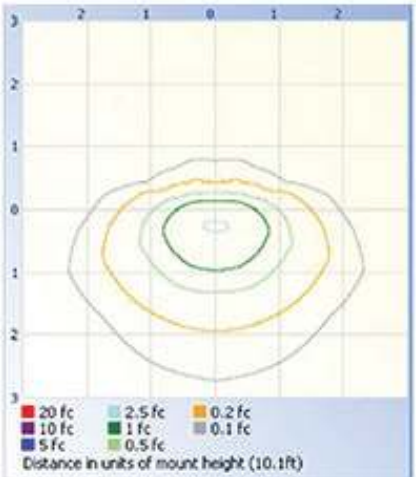
*An external battery back-up box may be required on certain light fixtures. Please contact Lumecon Sales Agent for clarification.

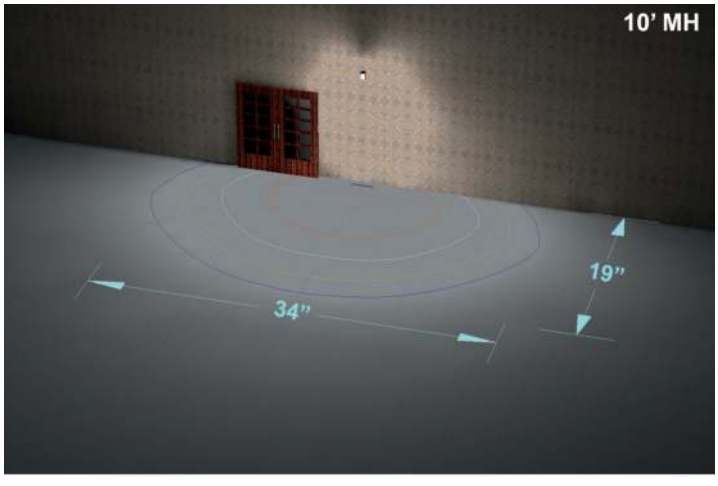
UL Component Recognized / CSA certified

Lumecon's Emergency LED driver has been tested in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment," and with the standards set forth in C22.2 No. 141, "Unit Equipment for Emergency Lighting." Our Emergency LED driver's are UL Component Recognized and CSA Certified for factory installation only. Emergency illumination time exceeds the National Electrical Code (NEC), Life Safety Code (NFPA-LSC), National Building Code of Canada (NBC), National Fire Code of Canada (NFC) and UL 90-minute requirements.

Photometric Data

*For .ies files of this product, please visit the downloads tabs on the LWP-MN product page: http://lumecon.com/products/lwp-mn/





Performance Data

ELECTRICAL LOAD DATA

Fixture Model	Drive Current (mA)	System Watts (W)	AC Current Load (A)			
			120V	208V	240V	277V
LWP-MN-10	125	10.7	0.10	0.06	0.05	0.04

LUMEN MAINTENANCE

Data in the table below references projected performance in a 25°C ambient and is based on 10,000 hours of LED testing. Performance data has been tested per IESNA LM-80-08 and projected per IESNA TM-21-11.

Use the lumen maintenance factor that corresponds to the desired number of operating hours below to calculate LLF.

Fixture Model	Lumen Maintenance Factors @ 25°C, by hours:				
	0	25,000	50,000	70,000	100,000
LWP-MN-120	1.0	0.96	0.93	0.90	0.86

Lighting Facts