



Project	
Notes	
Type	Date
Cat. No.	

MWP™ Series

Security Wall Pack

DESCRIPTION

The MWP LED wall pack combines high-performance LEDs, a weather resistant aluminum housing along with a frosted white high impact diffuser for uniform illumination. Ideal for use in corridors and patios.



MWP Series

15W, (1,800 Lumens)



Specification Features

Construction

Rugged die cast aluminum housing withstands outdoor environments. Outer surface treated with durable power coating to provide resistant to corrosion, rust, weathering, and or degradation. Performance engineered internal heat dissipation provide superior thermal management for LED life and reliability.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate UL labels. Wet location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards.

Electrical

Equipped standard with 120-277V output driver operating at 60HZ. Equipped with standard dawn to dusk photocell.

Installation

Designed for mounting on 4" electrical J-Box.

Warranty

5-year Limited Warranty. See warranty documentation for more information.

Rated Life 60,000 hours
 Limited Warranty 5 years
 Efficacy Up to 120 LPW



Quick Ship
 MWP-15-MVD-830/40/50-P

Ordering Information

Example: MWP-15-MVD-830/40/50-P

MWP	20	MV	8	30/40/50	P
Series MWP Security Wall Pack	Rated Wattage 15- 15W, (1,800 Lumens)	Driver Type MVD- 120-277V; 0-10V Dimming	CRI 8 80+ CRI	Color Temp 30/40/50- 3000K, 4000K, 5000K Color Selectable	Options P- Photocell

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	120 LPW
CRI	83+, R9 > 0
Available CCT ¹	3000K, 4000K, 5000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	60,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Dimming
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic		MWP-15-MVD-830/40/50	15	1,800	120

NOTES:

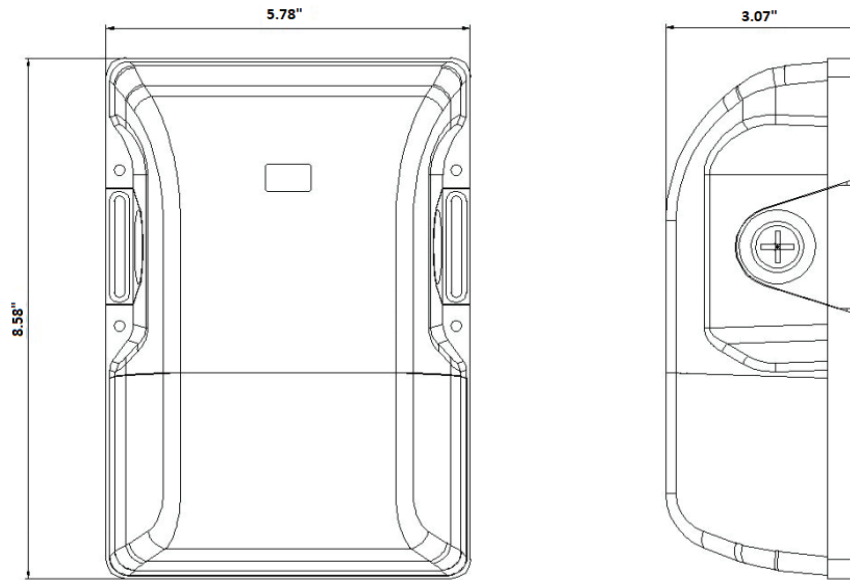
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Quick ship
- ³ Typical color consistency. May vary or be changed.
- ⁴ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information



Specifications and Dimensions subject to change without notice.

Product Dimensions

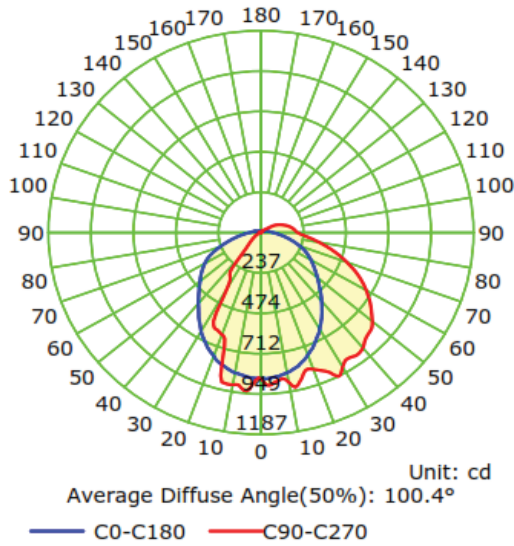
MWP



Photometric Data

MWP-15-MVD-850 Tested in accordance to IESNA LM-79

Polar Candela Curve



Zonal Lumen Summary

ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	1550	59.6
FL (0°-30°)	346	13.3
FM (30°-60°)	724	27.9
FH (60°-80°)	377	14.5
FVH (80°-90°)	103	4.0
BACK LIGHT	795	30.6
BL (0°-30°)	316	12.1
BM (30°-60°)	349	13.4
BH (60°-80°)	108	4.1
BVH (80°-90°)	23	0.9
UP LIGHT	254	9.8
UL (90°-100°)	87	3.3
UH (100°-180°)	167	6.4

Coefficient of Utilization

Reflectance: Ceiling (cavity)	0.7 0.7 0.5 0.5 0.3	0.7 0.7 0.5 0.5 0.3
Wall	0.5 0.3 0.5 0.3 0.3	0.5 0.3 0.5 0.3 0.3
Reference plane	0.2 0.2 0.2 0.2 0.2	0.2 0.2 0.2 0.2 0.2
Room dimensions	Viewed crosswise	Viewed endwise
X=2H Y=2H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
3H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
4H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
6H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
8H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
12H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
X=4H Y=2H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
3H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
4H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
6H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
8H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
12H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
X=8H Y=4H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
6H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
8H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
12H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
X=12H Y=4H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
6H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5
8H	-1.5 -1.5 -1.5 -1.5 -1.5	-1.5 -1.5 -1.5 -1.5 -1.5