

Features

- Sealed die-casting profile for outdoor applications
- Consumes 17W to replace 120W Incandescent, 25W to replace 50W HID
- Lumen output from 1600-2200lm
- Polycarbonate optical lens with UV stabilizers
- Built-in UL class 2 driver, and 120V/277V photocell
- UL/cUL listed and DLC qualified



Applications

- Security, entry ways, stairways, storage and perimeter areas, as well as residential exteriors.



Specification

Specification/ Model	WM17W27V50KD	WM25W27V50KD
Input Power	17W	25W
Lumens output	1600lm	2200lm
Efficacy	94lm/w	88lm/w
CRI	80	
Color Temperature	5000K	
Input Voltage	120-277V	120-277V
Finish Color	Dark Bronze	
Lens	Polycarbonate (UL Recognized) (f1) Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C	
Mounting	Fits electrical box and wall mount directly	
Photocell	120/277VAC (UL and CSA listed) 1/2 in long threaded nipple, 30-45 second time delay, Power Consumption: less than 0.9 watts at 120 VAC	

Ordering Guide

EXAMPLE: WM 17W 27V 40K D P1

Luminaire Type	Power Consumption	Voltage	CCT	Finish	Accessory (Option)
WM Wall Mount	17W 17Watts	27V 120-277V	40K 4000K	D Dark Bronze	(Blank) No Photocell
	25W 25Watts		50K 5000K	B Black	P1 120V Photocell
				W White	P2 277V Photocell

Ordering Information

ordering	Rated	Luminaire	Wattage	CCT	Initial	Luminaire	Rated	CRI	Power	Dimmable	Photocell	Certificate
Code	voltage(VAC)	Shape	(W)		Lumens(lm)	Efficacy(lpw)	life(hrs)		Factor			
WM17W27V40KD	120-277	Wall Mount	17	4000	1600	94	50000	82	0.9	NO	NO	UL DLC
WM17W27V40KDP1	120	Wall Mount	17	4000	1600	94	50000	82	0.9	NO	YES	UL DLC
WM17W27V40KDP2	277	Wall Mount	17	4000	1600	94	50000	82	0.9	NO	YES	UL DLC
WM17W27V50KD	120-277	Wall Mount	17	5000	1700	100	50000	82	0.9	NO	NO	UL DLC
WM17W27V50KDP1	120	Wall Mount	17	5000	1700	100	50000	82	0.9	NO	YES	UL DLC
WM17W27V50KDP2	277	Wall Mount	17	5000	1700	100	50000	82	0.9	NO	YES	UL DLC
WM25W27V40KD	120-277	Wall Mount	25	4000	2100	84	50000	82	0.9	NO	NO	UL DLC
WM25W27V40KDP1	120	Wall Mount	25	4000	2100	84	50000	82	0.9	NO	YES	UL DLC
WM25W27V40KDP2	277	Wall Mount	25	5000	2100	84	50000	82	0.9	NO	YES	UL DLC
WM25W27V50KD	120-277	Wall Mount	25	5000	2200	88	50000	82	0.9	NO	NO	UL DLC
WM25W27V50KDP1	120	Wall Mount	25	4000	2200	88	50000	82	0.9	NO	YES	UL DLC
WM25W27V50KDP2	277	Wall Mount	25	4000	2200	88	50000	82	0.9	NO	YES	UL DLC

Note: D* Dark Bronze finish color is inventory color, please consult factory for lead time if other color is needed.

Energy Efficiency

Estimated Lighting Costs Using a Standard 120W Incandescent Lamp

Present Wattage	120 W
× Annual Operating Hours	3,650 hrs
=	438,000 Watts per year

÷ 1,000	=	438 kWh per year
× kWh rate of \$0.11	=	\$48 per year
× 100 lamps per space	=	\$4,818 annual energy cost per space

Estimated Lighting Costs Using a Mester 17W LED Wall Mount Light

Present Wattage	17 W
× Annual Operating Hours	3,650 hrs
=	62,050 Watts per year

÷ 1,000	=	62.05 kWh per year
× kWh rate of \$0.10	=	\$6 per year
× 100 lamps per space	=	\$621 annual energy cost per space

Total Estimated Annual	=	\$4,198
-------------------------------	----------	----------------

* Based on 100 lamps per space operating at 3,650 hours per year.

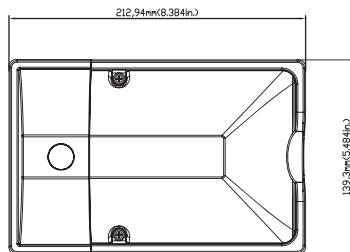
This energy saving example shows an application of 100 luminaires in a space currently using a 17W LED Wall Mount, operating 3650 hours per year at a cost of \$0.10 per kWh.**As you can see replacing 100 incandescent 120W Incandescent with the Mester LED Wall Mount luminaires, Mester provides significant energy cost savings of \$4,198 per year! Your actual savings may vary depending on the energy costs in your geographic location.
*Light output of the 17W LED Wall Mount at 1600 lumens compares to the 120 W Incandescent at 1200 lumens.

WARNINGS AND CAUTIONS

- Turn power off before inspection, installation, or removal.
- Suitable for Wet locations.
- Operating temperature range between -25°C and +40°C (-4°F and +104°F)
- Do not use in enclosed fixtures.
- Do not open – no user serviceable parts inside. North America use on 120-277VAC 50 /60 Hz circuits.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.

Dimension

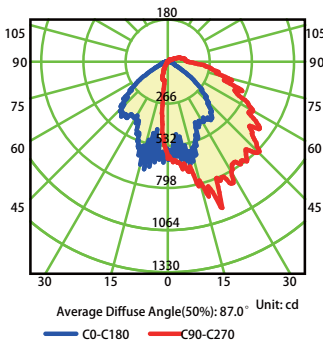
unit: mm/inch



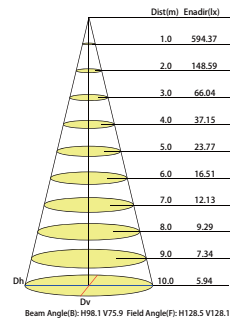
Photometrics

WM17W27V40KD

Luminous Intensity Distribution Curve

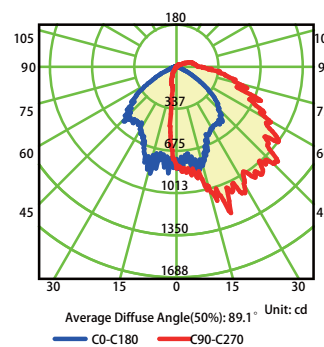


Illuminance at a Distance



WM25W27V40KD

Luminous Intensity Distribution Curve



Illuminance at a Distance

