WLS LIGHTING SYSTEMS

WMEL SERIES

LED WALL MOUNT

Shown with optional decal striping

DIMENSIONS

8-5/8"
(219 mm)

30°

J-BOX CENTERLINE

3-7/8"
(98 mm)

11-3/8"
(289 mm)

20-1/8"
(511 MM)

13-1/2"
(343 MM)

3"
(76 mm)

8-5/8"
(219 mm)

30°

J-BOX CENTERLINE

3-7/8"
(98 mm)

11-3/8"
(289 mm)

20-1/8"
(511 MM)

13-1/2"
(343 MM)

15-3/8"
(390 mm)
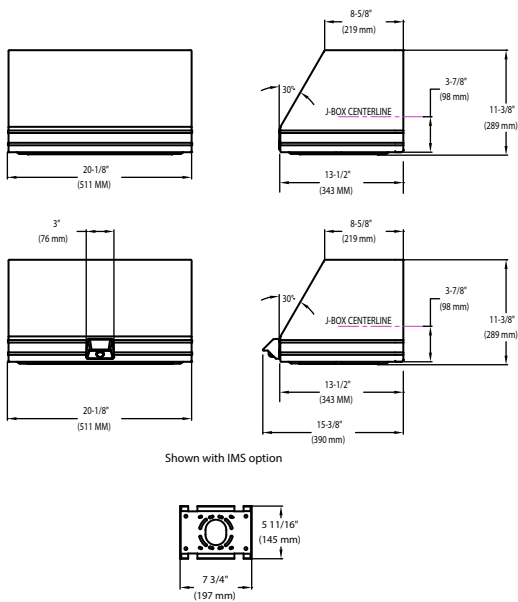
Shown with IMS option

5 11/16"
(145 mm)

7 3/4"
(197 mm)
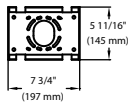
Universal Mounting Plate

IP67

C ETL US
LISTED
Intertek
Suitable for wet locations

American Innovation
American Made

CE ARRA
Funding Compliant

RoHS
COMPLIANT

SPECIFICATIONS

HOUSING - The aerodynamic aluminum housing is a rectangular shape. All mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

LEDs - Available with 28 or 48 select high-brightness LEDs in Cool White (5300° K nominal) or Neutral White (4200° K nominal) color temperature, 70 CRI (nominal).

OPTICAL UNIT - Clear tempered optical-grade flat lens sealed to the aluminum optic housing created an IP67 rated unit. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

OPTICS / DISTRIBUTION - Ultra-high efficiency reflectors provide three distributions. Choose from Wide Throw (WT), Forward Throw (FP) or Wall Wash (WW).

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed and removed.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1,Location Catagory C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

OPERATING TEMPERATURE - -40° C to +50° C (-40° F to +122° F)

FINISH - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip® finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, white, satin verde green, graphite, and metallic silver. Custom colors available upon request.

OPTIONAL INTEGRAL MOTION SENSOR - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter the target zone and increased to full-bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent os motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

EMERGENCY OPTIONS - Integral emergency battery-back-up options are available. BB option operates in 0° C to 60° C ambient temperature and CWBB operates in -20° C to 60° C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

WARRANTY - WLS LED fixtures carry a limited 5-year warranty.

LISTINGS - ETL listed ANSI/UL 1598. UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

SHIPPING WEIGHT (in carton) - 31 lbs./14Kg

Approved By: _____

Location: _____

Project Name: _____

Date: _____

WLS LIGHTING SYSTEMS

1919 Windsor Place ▪ Fort Worth, TX 76110 ▪ 800.633.8711 ▪ Fax: 817.735.4824 ▪ www.wlslighting.com

Consider the Impact!

WMEL SERIES
LED WALL MOUNT

ORDERING INFORMATION
SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

SERIES	DISTRIBUTION	# OF LEDs	LIGHT SOURCE	DRIVE CURRENT	COLOR TEMPERATURE	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
WMEL	**WT -** Wide Throw **FP -** Forward Throw **WW -** Wall Wash	28 48	LED	**350 -** 350mA **450 -** 450mA	**CW -** Cool White **NW -** Neutral White	**UE -** Universal Voltage (120-277) **347 - 480**	**BRZ -** Bronze **BLK -** Black **PLT -** Platinum Plus **WHT -** White **SVG -** Satin Verde Green **GPT -** Graphite **MSV -** Metallic Silver **CC -** Custom Color	**BB -** Battery Back-up [1] **CWBB -** Cold Weather Battery Back-up [1] **IMS -** Integral Motion Sensor **PC -** Photocell **PMA -** Pole Mount adapter for use with Square Pole (for single or D180 mounting configuration only [2] **PMAR -** Pole Mount adapter for use with Round Pole (for single or D180 mounting configuration only [2] **TP -** Tamper Proof [3] **NO -** No Options	**PS -** Polycarbonate Shield **SW -** Surface Wiring Box **SF -** Single Fusing **DF -** Double Fusing **NA -** No Accessories

WMEL	WT	48	LED	450	CW	UE	BRZ	NO	NA

(EXAMPLE ORDER)

ORDER:
WLS-WMEL _____ _____ _____ _____ _____ _____ _____ _____ _____

FOOTNOTES:
1- Available with UE voltage only.
2- Designed with 3" reduced drilling pattern. For S or D180 mounting configuration only.
3 - Tamper-proof Screwdriver must be ordered separately. (See Accessories Ordering Information.)

LIGHT OUTPUT - WMEL						
		Distribution/Lumens (Nominal)				
Milliamps	# of LEDs	Type FT	Type WT	Type WW	Watts	
Cool White — 350 mA	28	2876	2902	3032	34	
	48	4855	4931	5038	55	
Cool White — 450 mA	28	3522	3542	3720	44	
	48	5900	5972	6115	72	
Neutral White — 350 mA	28	2787	2792	2898	34	
	48	4553	4660	4555	55	
Neutral White — 450 mA	28	3377	3369	3517	44	
	48	5453	5562	5452	72	

LED Chips are frequently updated therefore values may increase.

Approved By: _____   Project Name: _____

Location: _____   Date: _____

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