

# WLS LIGHTING SYSTEMS

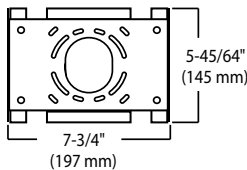
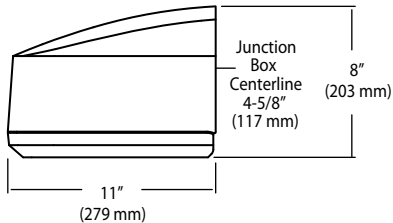
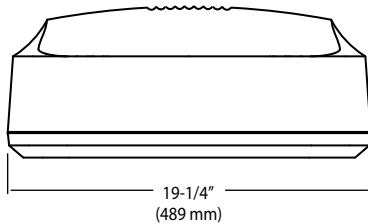
# WMK SERIES

WALL MOUNT



Flat-lensed fixtures meet IESNA full cutoff classification

## DIMENSIONS



Universal Mounting Plate



LISTED  
listed for wet locations

## SPECIFICATIONS

**HOUSING** - The one-piece die-cast aluminum housing is a multi-radiused rectangular shape. All mounting hardware is stainless steel or electro-zinc plated.

**LENS / GASKET** - A flat clear tempered glass lens is sealed to the door frame with silicone closed-cell sponge gasketing.

**DOOR FRAME** - The die-cast aluminum door frame with two black stainless steel captive fasteners allows easy access into the fixture. A one-piece extruded silicone closed-cell sponge gasket seals the door frame against the housing. The door hinges open for ease of lamp and ballast maintenance.

**SOCKETS** - HID lampholders are glazed porcelain, medium base, 4KV pulse rated. The Compact Fluorescent fixtures feature a one-piece thermoplastic socket.

**LIGHT SOURCES** - The fixture is designed to operate with horizontal Ceramic Metal Halide, Metal Halide, High Pressure Sodium, and single or double Compact Fluorescent lamps. Lamps supplied as standard - HID (clear, shipped installed), and Compact Fluorescent (coated, 4100K, not installed).

**BALLASTS** - Electrical components are factory-mounted in housing and pre-wired with voltage specific leads which extend out the back of the unit through a rubber grommet. This grommet prevents the entry of insects and moisture into the fixture. The need to open the fixture to make wiring connections is eliminated, thus making installation quick and easy. UL listed HID components with high-power factor ballasts rated for -20° F starting. Compact Fluorescent ballasts are Electronic Universal Voltage(120-277V, 50/60Hz) or 347V (60Hz), 0° F starting. Compact Fluorescent fixtures with UE (Universal Electric) voltage are available with an optional dimming ballast for multiple types of controls and occupancy sensors. Available battery back-up of BB (32° F starting temperature) and CWBB (0° F starting temperature) are 120 or 277 voltage specific for U.S. applications for 26 watt through 42 watt lamps.

**MOUNTING** - A galvanized-steel universal wall mounting plate easily mounts directly to a 4" octagonal or square junction box, sealing the junction box from entrance of water. The galvanized-steel universal plate allows the fixture to be suspended while making wiring connections. A unique clamping design securely locks the fixture to the wall mounting plate by utilizing two hex head screws. The universal plate permits the fixture to be mounted in the uplighting or downlighting position. Both positions are listed for wet locations. The standard housing / door seal design prevents external contaminants from entering the WMK, resulting in an IP65 rating.

**REFLECTORS** - Forward Throw (FTM, FT) Type III (3), and Wall Wash (WW) reflectors are available. All are high performance, full cut-off distribution as defined by IESNA (downlight position only).

**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, buff, white, satin verde green, graphite, and metallic silver. Custom colors available upon request.

**EMERGENCY OPERATION** - A variety of integral emergency options are available to comply with Life Safety Codes (see Accessories section in the Ordering Information).

Approved By: \_\_\_\_\_ Project Name: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wslighting.com

**WLS** LIGHTING SYSTEMS

Consider the Impact!

# WMMK WALL MOUNT SERIES

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

SERIES	DISTRIBUTION	LAMP WATTAGE	LIGHT SOURCE*	LENS	LINE VOLTAGE <sup>2</sup>	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
WMMK	3 - Type III FT - Forward Throw WW - Wall Wash	50W 70W 100W 150W	CMH - Ceramic Metal Halide (150 watt) MH - Metal Halide (70, 100, 150 watt) HPS - High Pressure Sodium (50, 70, 100, 150 watt)	FG - Flat Clear Tempered Glass	120V 208V 240V 277V 347V 480V	BRZ - Bronze BLK - Black PLT - Platinum Plus BUF - Buff WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver CC - Custom Color	PC - Photocell DIM - CFL Control Voltage Dimming Ballast C - Coated MH Lamp SQT - Stand-by Quartz (Time Delay) SQN - Stand-by Quartz (Non-Time Delay) EQ - Emergency Quartz (Separate 120V Circuit - HID only) EQ2 - Two Emergency Quartz (2 Separate 120V Circuits - HID only) BB - CFL Battery Back-up CWBB - Cold Weather Battery Back-up EM1 - One Emergency 12V Circuit Provision with 35 Watt Halogen Lamp EM1LL - One Emergency 12V Circuit Provision - Less Halogen Lamp EM2 - Two Emergency 12V Circuit Provisions with (2) 35 Watt Halogen Lamps EM2LL - Two Emergency 12V Circuit Provisions - Less Halogen Lamps LL - Less Lamp NO - No Options	PTWS PLS - Polycarbonate Shield SF - Single Fusing DF - Double Fusing NA - No Accessories
	FTM - Forward Throw Medium	26W 32W 42W 57W 70W	CFL - Compact Fluorescent Single (26, 36, 42, 57, 70 watt) CFL2 - Compact Fluorescent Double (26, 32, 42 watt)		UE - Universal Electronic (120-277V, 50/60Hz)  347V			
	WW - Wall Wash	26W 32W 42W 57W 70W	CFL - Compact Fluorescent Single (26, 32, 42 watt)					

WMMK      3      150      PSMH      FG      120      BRZ      NO      NA  
(EXAMPLE ORDER)

**ORDER:**  
WLS-WMK

**FOOTNOTES:**

- 1 - Voltage for 750W High Pressure Sodium must be specified.
- 2 - Consult factory for international voltages. (120V, 277V, 347V)
- 3 - MT - Multi Tap is shipped standard unless otherwise specified. (Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 4 - TT - Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.

\* In accordance with the 2007 Energy Independence and Security Act (EISA), fixtures will no longer be available in Probe Start Metal Halide with wattages from 150 watts through 500 watts for new installations. Replacement parts for existing fixtures are still available.

Approved By: \_\_\_\_\_ Project Name: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

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