

# MAUNA

## OUTDOOR PRODUCTS

Full Cutoff Wall Pack



Mauna Series is a high quality, durable, and elegant wall pack LED fixture. Its robust structure allows it to be rated for both wet and dusty locations and is fully functional in a large temperature range. Mauna is Power/CCT Switchable and has 130 L/W.

eralux®



DATE

PROJECT  
NAME

TYPE

QTY

ORDERING  
CODE

AE-WP-MN-

-TCP-CA

-

### OPERATING & ELECTRICAL

INPUT VOLTAGE 120-347V

POWER FACTOR 0.9

DIMMING 0-10V Dimming

TOTAL HARMONIC  
DISTORTION (THD) <20%

### PERFORMANCE

LUMENS PER WATT 130 LPW at 80CRI

POWER Power Switchable  
45/60/70W

BEAM ANGLE 90° x 110°

### MECHANICAL & HOUSING

HOUSING Aluminum die cast housing for superior heat dissipation, strength, and rigidity.

LENS UV resistant, polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

FINISH Powder coat finish for the toughest outdoor conditions. Available in black and bronze color options.

POWER SUPPLY Factory wired electronic LED driver

LED BOARD Light emitted source

### APPLICATION CONDITION

AMBIENT TEMPERATURE  
RANGE -40 °C to 40°C

OPERATING  
TEMPERATURE -40 °C to 70°C

PROTECTION Wet location  
Dustproof fixture

### COMPATIBLE MOUNTING

MOUNTING Surface Mount, Wall Mount

### WARRANTY

#### SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

#### LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES)

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Outdoor wall pack light

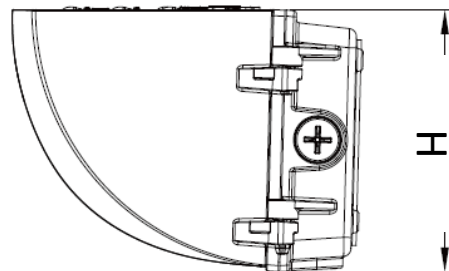
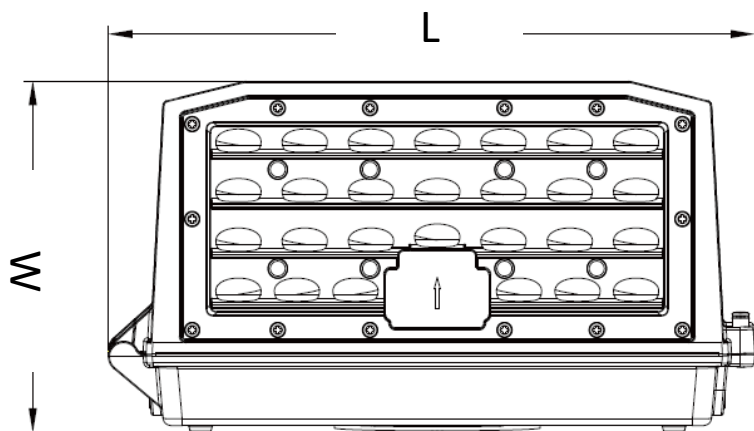
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## ORDERING GUIDE

EXAMPLE: AE-WP-MN-70W-TCP-CA-D-BZ

FIXTURE FAMILY	POWER	CCT	INPUT VOLTAGE	CONTROLS	FINISH
<b>AE-WP-MN</b>	-	<b>-TCP</b>	<b>-CA</b>	-	-
<b>AE-WP-MN</b> MAUNA Series outdoor wall pack light fixture	<b>-40W</b> Power switchable 20/30/40W Lumen switchable 2,600/3,900/5,200 lms	<b>-TCP</b> CCT selectable 30/40/50k	<b>-CA</b> 120-347Vac input voltage range	<b>-D</b> 0-10V Dimming	<b>-BZ</b> Bronze powder coat finish
	<b>-70W</b> Power switchable 45/60/70W Lumen switchable 5,850/7,800/9,450 lms			<b>-P</b> Photocell	<b>-BK</b> Black powder coat finish
				<b>-EM</b> Emergency Battery Back up	<b>-WH</b> White powder coat finish

## PRODUCT DIMENSIONS



Length (L)	Width (W)	Height (H)
12.61"	6.86"	5.1"

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## ACCESSORIES

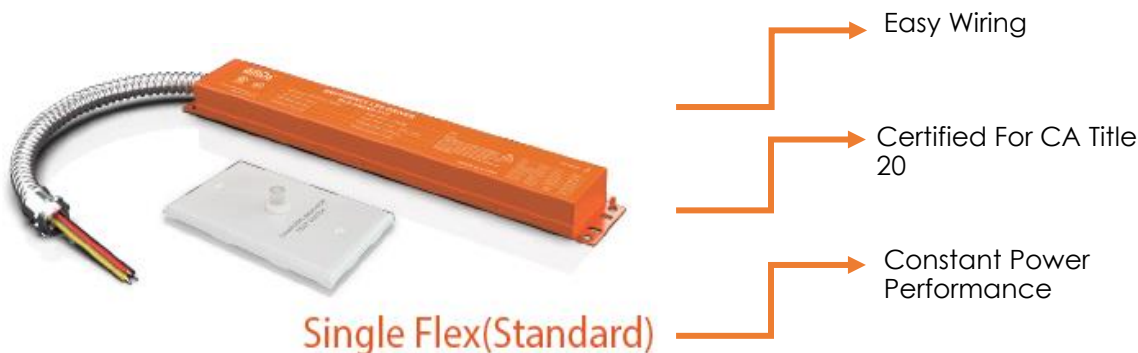
### EMERGENCY LED DRIVER (BLD-HMXXD-YYY)

BLD-HM8D-YYY

OUTPUT POWER : 8 WATTS

BLD-HM25D-YYY

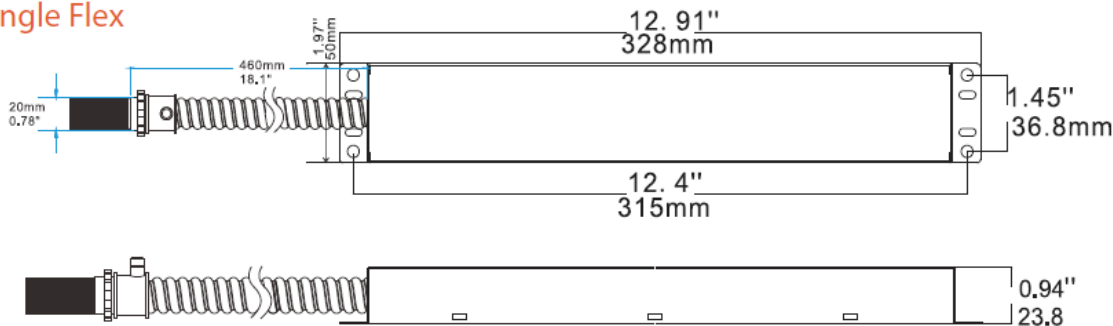
OUTPUT POWER : 25 WATTS



BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation . In the event of a power failure , the emergency driver switches to emergency mode and operates the existing. Fixture to 90 minutes. The unit contains a battery , charge , and converter circuit in a single enclosure .This module will operate an LED array load at 6-25W with constant power at a rated output voltage of 170VDC. The constant power design of BLD-HMXXD-YYY maintains the output wattage to LED array, providing consistent illumination for entire emergency runtime. Ideal for use with most 0-10V dimmable indoor commercial LED lighting fixtures, such as LED flat panel, troffer, downlight and suspension mounting LED linear strip lights, etc.

### DIMENSIONS (inches and mm)

#### Single Flex



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## LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

### LUMEN ESTIMATE ADJUSTMENT FACTORS

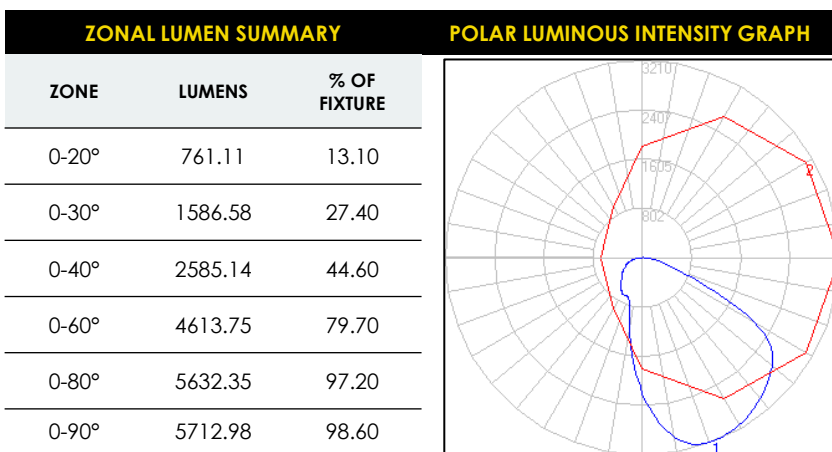
CCT	3000K	4000K	5000K
NORMAL (80CRI)	.94	1	1

## PHOTOMETRIC DATA

AE-WP-MN-70W-H-TCP-XX

45 WATTS

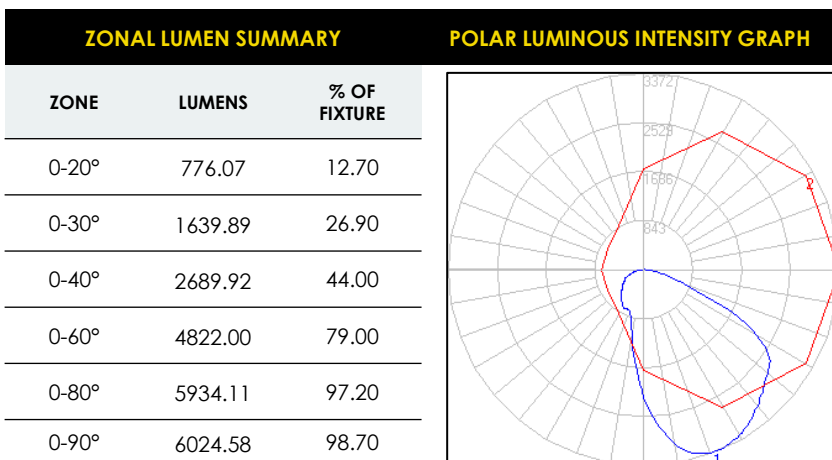
3000K CCT



AE-WP-MN-70W-H-TCP-XX

45 WATTS

4000K CCT



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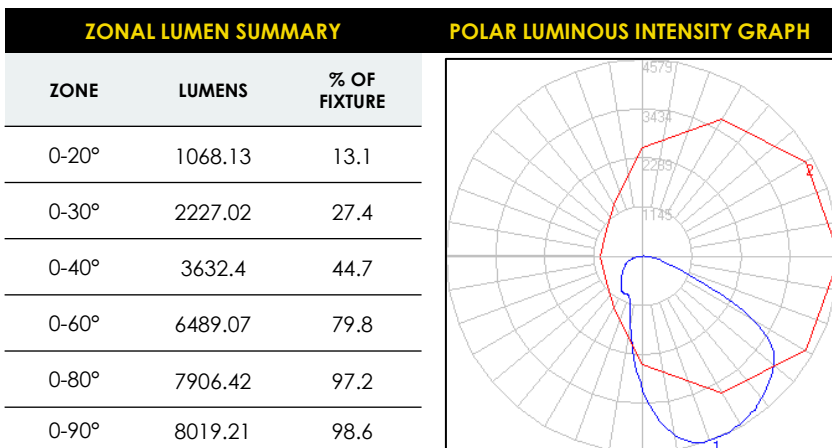
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## PHOTOMETRIC DATA

AE-WP-MN-70W-H-TCP-XX

70 WATTS

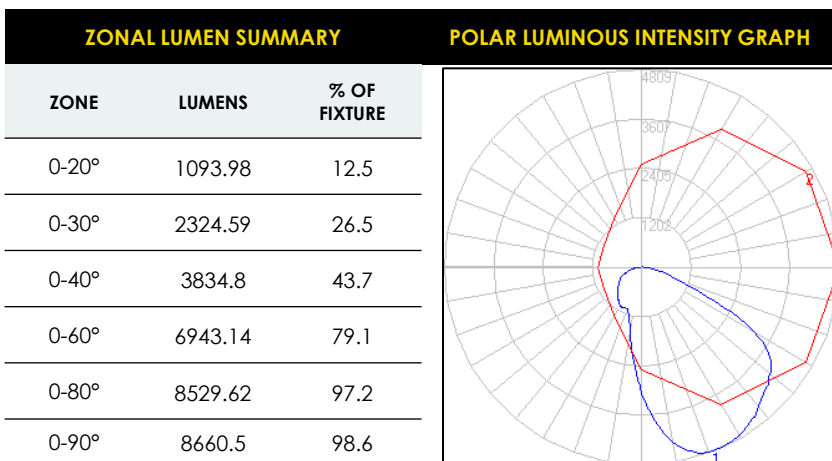
3000K CCT



AE-WP-MN-70W-H-TCP-XX

70 WATTS

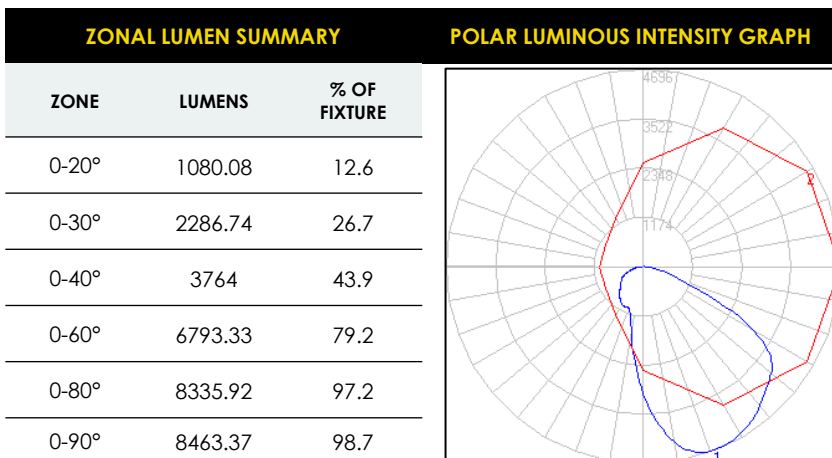
4000K CCT



AE-WP-MN-70W-H-TCP-XX

70 WATTS

5000K CCT



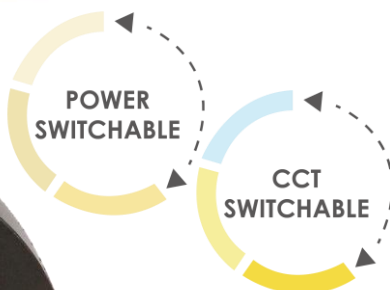
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## OVERVIEW



### PREMIUM MATERIALS

Constructed from aluminum die-cast for superior heat dissipation and thermal management while maintaining excellent fixture strength and rigidity.

### TEMPERATURE

Fixture suitable for temperature ranges from -40 to +40 degrees Celsius.

### INTELLIGENT DESIGN

Side and rear knockouts for different mounting types and accessories such as photocell and additional sensors.

### PERFORMANCE

POWER / CCT SWITCHABLE.

It comes in two versions; 20/30/40W and 45/60/70W. Both Versions are CCT switchable 30/40/50K.