

# DELUGE - CRPNX

## HAZARDOUS LOCATION COMBO

Class I, div 2, groups A, B, C, D

Class II, div 2, groups F, G

Class III, div 2

The CRPNX series of wet location combination running man exit signs is designed to operate in extreme environments. The CRPNX series is designed using a polycarbonate housing. The housing features integral wall mounting points and a molded gasket that completely seals the housing from the elements.



### FEATURES AND SPECIFICATIONS

#### ELECTRICAL AND CIRCUITRY

- LED ultra bright light source
- 120/277/347 V AC 60 Hz Input, field selectable
- 30 minutes minimum emergency power duration (depending on selected lamp type)
- Temperature compensated charger
- Diagnostic/pilot LED
- Complete battery recharge in 24 hours
- High efficiency, rapid recovery, precision control charging system.
- Magnetic test switch.
- Standard automatic-testing self-diagnostic charger board.

#### MECHANICAL









- One piece, molded and gasketed lens
- Stainless steel tamper proof screws and bits
- Universal spider knock-out pattern stamped into backplate for junction box mounting
- Universal models include ceiling or end mount, field installable canopy kit
- Black or white finish
- Temperature code: T4A

#### APPROVALS

- CSA Certified to C22.2 #141-15
- CSA Certified to C22.2 #137
- CSA Certified to C860-11
- CSA Certified type 2, 3, 3R, 4, 4X, 5, 12 or 12K
- CSA Certified to NSF 2
- IP66
- IK10
- Class I, Div 2, Groups A, B, C, D
- Class II, Div 2, Groups F, G
- Class III, Div 2

#### COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW			
LIGHT SOURCE	LED	CW1 INPUT POWER (W)	30
INPUT VOLTAGE (V AC)	120/277/347	OUTPUT VOLTAGE (V DC)	6, 12
CW1 INPUT VOLTAGE (V AC)	120/277/347		
<div>  LED            WET LOCATION            IP66 RATING            ICES 005            HAZARDOUS LOCATION            IK10 IMPACT RESISTANCE            SP Energy Verified            SP Sanitation NSF/ANSI 2         </div>			

For complete warranty details, please see our terms and conditions on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install Aimlite's Wet Location CRPNX Running Man and Battery combination unit. The sign shall be of a reinforced polycarbonate construction, stainless steel tamper proof screws and bits, one piece, molded and gasketed lens Universal models include ceiling or end mount, field installable canopy kit. The sign shall operate with AC/DC field selectable 120/277/347 V AC Input. The face shall be illuminated by using Nichia LED ultra-bright light source. The sign shall come complete with 3 Running Man fibers for universal direction. The Exit Running Man Sign shall be HAZARDOUS LOCATION RUNNING MAN Class I, div 2, groups A, B, C, D Class II, div 2, groups F, G Class III, div 2, CSA 22.2 No.141-15 certified, CSA Certified type 2, 3, 3R, 4, 4X, 5, 12 or 12K, CSA Certified to NSF 2, IP66, IK10 and ICES 005.

The battery shall be rated 120 V, 277 V or 347 V, 60 Hz constructed of durable polycarbonate housing and be CSA listed to C22.2 141-15 Nema 2, 3, 3R, 4, 4X, 5, 12, 12K, NSF 2 and be ICES 005 compliant. The unit shall have an output of: \_\_\_V and \_\_\_W and come complete with (2) x \_\_\_ W LED heads producing (\_\_\_) lumens each. The charge voltage factory set to  $\pm 1\%$  tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery at full voltage. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The Aimlite Sign and Battery wet location combination unit shall be CRPNX \_\_\_\_\_.

## ORDERING GUIDE

SÉRIE	VOLTAGE [V]	WATTAGE [W]	NBR OF FACES	HOUSING COLOR	HEADS	LAMP SELECTION	MANDATORY OPTIONS	OPTIONS
CRPNX	06 - 6	036 - 36 NI-CD	1 - SINGLE FACE 2 - DOUBLE FACE	BLK - BLACK WHT - WHITE	2 - 2 HEADS	SEE LAMP SELECTION CHART	ATD - AUTOTEST	BLANK - STANDARD +10°C TO +25°C CW1 <sup>1</sup> - COLD WEATHER AT -40°C TO +40°C 0 - NO INDICATORS (DOUBLE FACE ONLY)
	12 - 12	036 - 36 NI-CD	1 - SINGLE FACE 2 - DOUBLE FACE					D            U            UR            DR            DL            UL
		072 - 72 NI-CD	1 - SINGLE FACE					

<sup>1</sup> Available only with 6V 36W, 12V 36W and 12V 72W

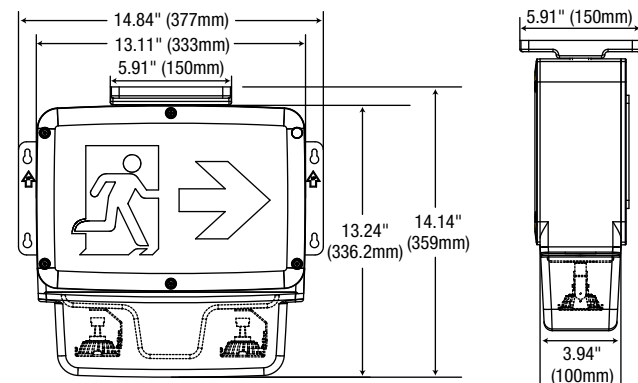
## MODEL RATINGS

MODEL	WATTAGE CAPACITIES [W]				
	VOLTAGE	30 MIN	60 MIN	90 MIN	120 MIN
CRPNX06036	6 V	36	18	12	9
CRPNX06050	6 V	50	25	16.5	12.5
CRPNX06072	6 V	72	36	24	18
CRPNX12036	12 V	36	18	12	9
CRPNX12072	12 V	72	36	24	18

## LAMP SELECTION

MR16 SMALL HEAD C/W MR16 OR LED LAMP		
	6 V	12 V
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA

## DIMENSIONS



## LEXAN GUARD

	PART NUMBER	DIMENSIONS [IN]
WALL MOUNT	PGD111	19.75 X 14 X 8

## LUMEN TABLE

WATTS	LUMENS
4W LR	388
5W LA	435
6W LA	507
7W LA	652



Comes standard (single face) with three pictogram legends for direction selection.



Comes standard (double face) with two pictogram legends.

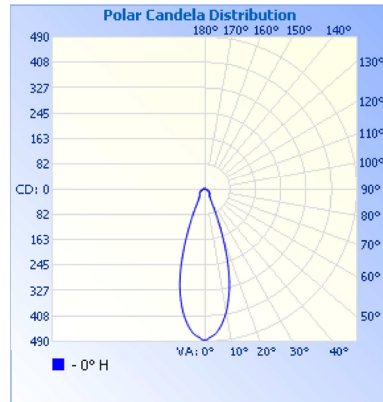


For double face no arrow options, select "No indicators" on the options column.

## PHOTOMETRIC DATA<sup>1</sup>

MR16-06-24V4WLR • 228.7 LM


### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

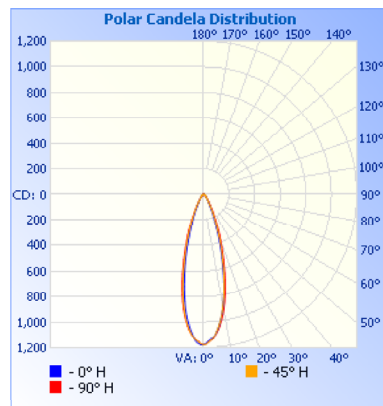
ZONE	LUMENS	% FIXTURE
0-30	164.4	71.9
0-40	182.0	79.6
0-60	214.8	93.9
60-90	13.9	6.1
70-100	4.1	1.8
90-120	0	0
0-90	228.7	100
90-180	0	0
0-180	228.7	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	168		1.1'	
3.3'	44.5		2.1'	
5.0'	19.4		3.2'	
6.7'	10.8		4.3'	
8.3'	7.04		5.3'	
10.0'	4.85		6.4'	
■ Vert. Spread: 35.4°				

MR16-06-24V5WLA • 440.7 LM


### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

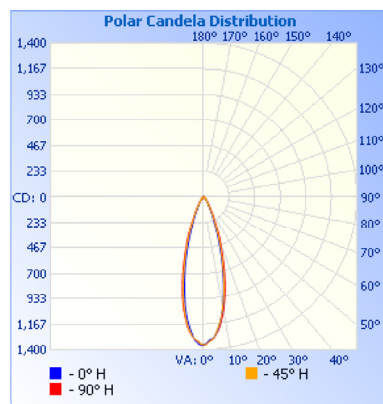
ZONE	LUMENS	% FIXTURE
0-30	352.6	80
0-40	391.8	88.9
0-60	427.2	96.9
60-90	13.5	3.1
70-100	4.3	1
90-120	0	0
0-90	440.7	100
90-180	0	0
0-180	440.7	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	407		0.9'	1.0'
3.3'	108		1.7'	1.9'
5.0'	47.0		2.6'	2.8'
6.7'	26.2		3.5'	3.8'
8.3'	171		4.3'	4.7'
10.0'	11.8		5.2'	5.7'
<div>■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°</div>				

MR16-12-24V6WLA • 508.7 LM


### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	407.0	80
0-40	452.3	88.9
0-60	493.1	96.9
60-90	15.6	3.1
70-100	4.9	1
90-120	0	0
0-90	508.7	100
90-180	0	0
0-180	508.7	100

### ILLUMINANCE AT A DISTANCE

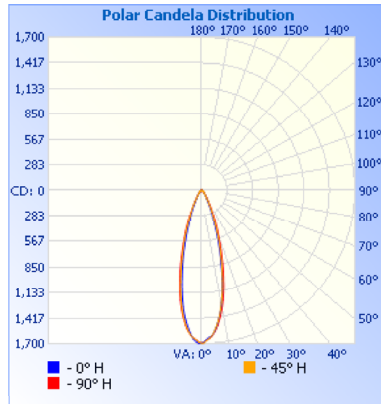
CENTER BEAM FC			BEAM WIDTH	
1.7'	470		0.9'	1.0'
3.3'	125		1.7'	1.9'
5.0'	54.3		2.6'	2.8'
6.7'	30.2		3.5'	3.8'
8.3'	19.7		4.3'	4.7'
10.0'	13.6		5.2'	5.7'
<div>■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°</div>				

<sup>1</sup> Complete IES files available on our website.

PHOTOMÉTRIES<sup>1</sup>

MR16-12-24V7WLA • 635.2 LM

## POLAR CANDELA DISTRIBUTION



## ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	508.2	80
0-40	564.7	88.9
0-60	615.7	96.9
60-90	19.5	3.1
70-100	6.1	1
90-120	0	0
0-90	635.2	100
90-180	0	0
0-180	635.2	100

## ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	587	0.9'	1.0'
3.3'	156	1.7'	1.9'
5.0'	67.8	2.6'	2.8'
6.7'	37.8	3.5'	3.8'
8.3'	24.6	4.3'	4.7'
10.0'	16.9	5.2'	5.7'

■ Vert. Spread: 29.3° ■ Hor. Spread: 31.7°

<sup>1</sup> Complete IES files available on our website.