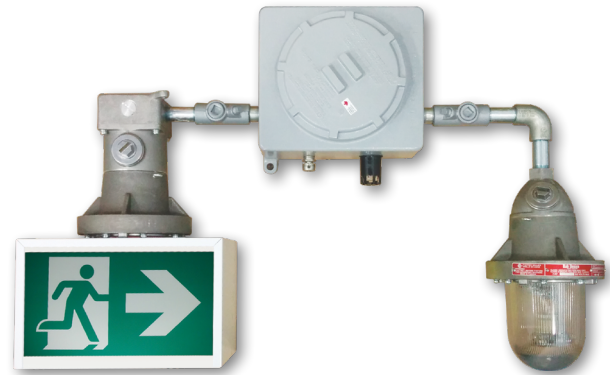


CRPHZ HAZARDOUS LOCATION RUNNING MAN COMBO

CLASS I, DIV 1 & 2, GROUPS C & D
 CLASS II, DIV 1 & 2, GROUPS F & G
 CLASS III
 6 V DC, 12 V DC OR 24 V DC MODELS
 120 OR 347 V AC INPUT



Designed to meet the strictest codes and standards, the CRPHZ series of hazardous location combination running man signs and battery units provides safe and dependable operation. The CRPHZ series housings are built with die cast, copper free aluminum, in Class I and Division 1 rated models. Available in 6 V DC, 12 V DC or 24 V DC models in a range of capacities from 36 to 320 watts, for 30 minutes duration.

FEATURES & SPECIFICATIONS

CIRCUITRY - AC

- LED ultra bright light source
- Range of input voltages is 120 or 347 V AC field selectable
- 6 V DC, 12 V DC or 24 V DC emergency power output versions (as specified)
- Wattage capacities from 36 to 320 watts
- Power consumption for LED sign of 4.8 W
- Optional external momentary push button test switch
- Diagnostic/pilot LED for AC ON
- Fully automatic, current limited charger
- Brownout and short circuit protection
- Temperature compensated
- Large magnum terminal screw type connectors for remote load connection
- Maintenance free, sealed lead acid battery

MECHANICAL

- Die cast, copper free aluminum housing - grey finish
- Solid state design and construction
- Housing cavity accessed via large circular screw on/off cover plate
- Standard stainless steel one-way breather valve for release of gases and/or moisture condensation
- Housing c/w tapped and plugged rigid holes
- Oversized integral mounting holes/forks accept heavy-duty mounting hardware
- Steel running man sign, white powder coat finish standard
- Temperature code: T6

APPROVALS

- CSA Certified to C22.2 #137
- CSA Certified to C22.2 #141-15
- CSA Certified to C860-11
- Class I, div 1 & 2, groups C & D
- Class II, div 1 & 2, groups F & G
- Class III

COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW			
LIGHT SOURCE	LED	OUTPUT POWER [W]	36 - 320
INPUT VOLTAGE [V AC]	120 OR 347	SIGN POWER CONSUMPTION [W]	4.8
OUTPUT VOLTAGE [V DC]	6, 12, OR 24	SIGN DC CONSUMPTION [W]	3.4
 LED  HAZARDOUS LOCATION  ICES 005 			

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.

ORDERING GUIDE

CRPHZ — 1Z							
SERIES	VOLTS (V DC)	WATTS (W)	NBR OF FACES	HEAD	LAMP/HEAD	LAMP	OPTIONS
CRPHZ	06 - 6 12 - 12 24 - 24	SEE MODEL RATING BELOW	1 - SINGLE FACE 2 - DOUBLE FACE	0 - NO HEAD 1Z - SINGLE HEAD	1 - SINGLE LAMP ASSEMBLY 2 - DOUBLE LAMP ASSEMBLY	SEE LAMP SELECTION BELOW	RDS - RADIO FREQUENCY SUPPRESSION (SPECIFY AC VOLTAGE) 0 - NO INDICATORS (DOUBLE FACE ONLY) ↓ ↑ ↗ ↘ ↙ ↘ D U UR DR DL UL

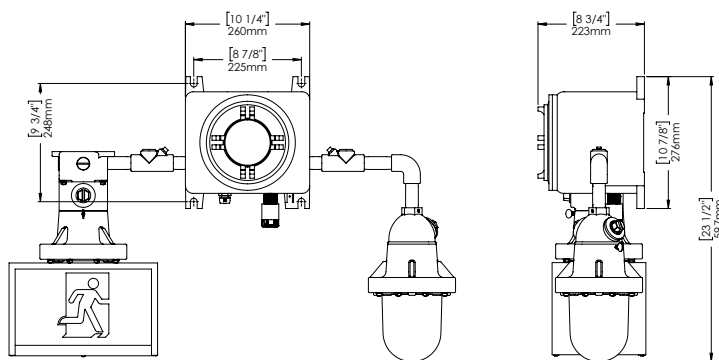
LAMP SELECTION

	6 V DC	12 V DC	24 V DC
MR16			
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA	4WLR, 5WLA, 6WLA, 7WLA

MODEL RATINGS

WATTAGE CAPACITIES						
MODEL	VOLTS (V DC)	30 MIN.	60 MIN.	90 MIN.	120 MIN.	HOUSING DIMENSIONS
CRPHZ06036	6	36	18	12	9	A: 10.63" X 9.25" X 6.75"
CRPHZ06050	6	50	25	16	12	A: 10.63" X 9.25" X 6.75"
CRPHZ06072	6	72	36	24	18	A: 10.63" X 9.25" X 6.75"
CRPHZ12036	12	36	18	12	9	A: 10.63" X 9.25" X 6.75"
CRPHZ12050	12	50	25	16	12	A: 10.63" X 9.25" X 6.75"
CRPHZ12072	12	72	36	24	18	A: 10.63" X 9.25" X 6.75"
CRPHZ12100	12	100	50	33	25	B: 12.44" X 12.44" X 8.44"
CRPHZ12160	12	160	80	55	40	B: 12.44" X 12.44" X 8.44"
CRPHZ12200	12	200	100	75	50	B: 12.44" X 12.44" X 8.44"
CRPHZ24144	24	144	72	48	36	B: 12.44" X 12.44" X 8.44"
CRPHZ24320	24	320	160	106	80	B: 12.44" X 12.44" X 8.44"

DIMENSIONS



LUMEN TABLE

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



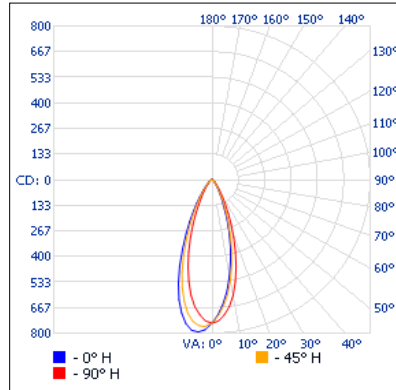
Comes standard (single face) with three pictogram legends for direction selection.

HOUSING DIMENSIONS	
A -	10.63" X 9.25" X 6.75"
B -	12.44" X 12.44" X 8.44"

PHOTOMETRIC DATA

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

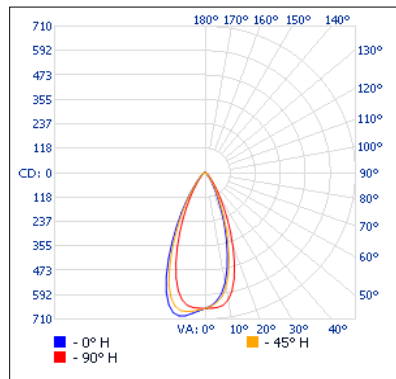
ILLUMINANCE AT A DISTANCE

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

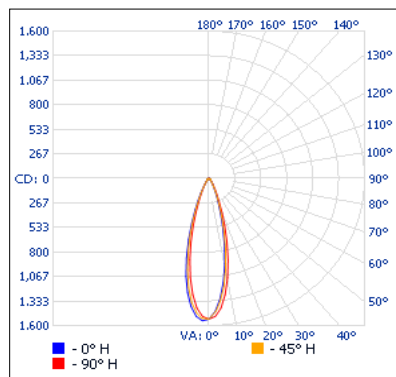
ILLUMINANCE AT A DISTANCE

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'	17.1	4.3'	4.7'
10.0'	11.8	5.2'	5.7'

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

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

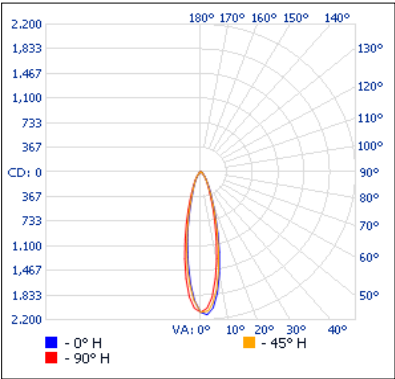
CENTER BEAM FC		BEAM WIDTH	
1.7'	470	0.9'	1.0'
3.3'	125	1.7'	1.9'
5.0'	54.3	2.6'	2.8'
6.7'	30.2	3.5'	3.8'
8.3'	19.7	4.3'	4.7'
10.0'	13.6	5.2'	5.7'

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

PHOTOMETRIC DATA

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°