

The background of the image shows an industrial facility, likely a refinery or chemical plant, at night. Large, insulated pipes and structural steel are visible, illuminated by artificial lights. A prominent red diagonal band cuts across the lower half of the image, serving as a background for the title text.

# HAZARDOUS LOCATION LIGHTING

AimLite



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# YOUR TRUSTED PARTNER

## ABOUT US

AimLite has always been a pioneer in emergency lighting and have been carrying a wide emergency lighting product offering especially designed to work in hazardous environments. Today, AimLite is capitalizing on its expertise and expanding its indoor and outdoor general lighting offering by introducing new hazardous fixtures, High Bays, Vapour Tights and Flood lights which are also designed and tested to operate in hazardous applications

Our ISO/IEC 17025 certified laboratory is qualified by CSA International under the CPC (Certification by Category) program which allows us to conduct safety and performance evaluations and to perform over 100 different tests on our products. This allows AimLite to certify new custom products quickly and launch to the market.

AimLite's target is to maintain and improve its quality through programs that enable employees to do their job right the first time and use the best suppliers that share these same values.

Our team consists of some of the most knowledgeable and recognizable people in the Canadian emergency and lighting industry.

## NEW PRODUCT DEVELOPMENT

Our engineering and marketing team is composed of specialists ranging from a variety of technical backgrounds which allows us to develop a multitude of new products to meet today's market needs and requirements. Our focus is to design innovative products at a competitive price to set ourselves ahead of our competition while maintaining industry standards such as long life and energy efficiency.

## CUSTOMER SATISFACTION

Customer satisfaction is the company's main priority: we want to be our customers' preferred supplier.

Our customer service department is comprised of highly trained, knowledgeable and bilingual sales representatives whose only goal is to meet the needs of the customers. Sales staffs are continuously trained to keep them abreast of the latest lighting trends, technologies and developments so they may actively serve customers, resolve issues, initiate changes, and teach co-workers.

Our technicians have extensive academic and practical experience with degrees in engineering and administration, allowing us to offer technical support in the retail, distribution and manufacturing sectors.

AimLite's management is dedicated to its customers, employees and safety.









# WHAT ARE HAZARDOUS LOCATIONS?

A hazardous area (also known as a potentially explosive atmosphere) is an environment that consists of air containing any concentrations of flammable gases, vapors, mists, liquids, combustible dusts or even small fibers that are potentially explosive in nature. Situations which involve the processes of production, transformation, delivery and stocking of flammable substances commonly produce potentially explosive environments.

Typical industries include: Oil & Gas, Petrochemical Refining & Processing, Fuel Storage, Chemical Manufacturing, and Power Generation. Other industries include: Car Manufacturing, Water Treatment, Pharmaceutical, Distilleries, Food Manufacturers, Aviation, Military, and Blast & Paint.

However, many companies don't realize dust can also create hazardous areas, and places such as food and beverage manufacturers, plastics factories, flour mills, recycling operations and grain handling & storage also need to ensure any potential hazardous areas are classified correctly.



# WHY USE HAZARDOUS LOCATION LIGHTING?

Electrical equipment intended to be installed in such environments must be specially designed and tested to meet a range of requirements that together ensure the safety of personnel and avoid potentially dangerous situations resulting from the equipment's reaction to its surroundings.

Special enclosures, wiring, electrical components, and structural integrity must be used for safety purposes.







# HAZARDOUS CLASSES & DIVISIONS

## CLASSES

Class defines the general nature (or properties) of the hazardous material in the surrounding

### CLASS I

Hazardous because flammable gases or vapors are present in the air in quantities sufficient to produce explosive or ignitable mixtures

### CLASS II

Hazardous because combustible or conductive dusts are present

### CLASS III

Hazardous because ignitable fibers or flying's are present, but not likely to be in suspension in sufficient quantities to produce ignitable mixtures.

## DIVISIONS

Division defines the probability of the hazardous material being present in an ignitable concentration in the surrounding atmosphere

### DIVISION 1

The substance referred to by class is present during normal conditions

### DIVISION 2

The substance referred to by class is present only in abnormal conditions, such as container failure or system breakdown



# GAS & DUST GROUPS

Explosive atmospheres have different chemical properties that affect the likelihood and severity of an explosion. Such properties include flame temperature, minimum ignition energy, upper and lower explosive limits, and molecular weight.

Every substance has a differing combination of properties but it is found that they can be ranked into similar ranges, simplifying the selection of equipment for hazardous areas.

Each chemical gas or vapour used in industry is classified into a gas group.

AREA	GROUP	REPRESENTATIVE MATERIALS
CLASS I, DIVISION 1 & 2	A	ACETYLENE
	B	HYDROGEN
	C	ETHYLENE
	D	PROPANE
CLASS II, DIVISION 1 & 2	E	METAL DUSTS, SUCH AS MAGNESIUM
	F	CARBONACEOUS DUSTS, SUCH AS CARBON & CHARCOAL
	G	NON-CONDUCTIVE DUSTS, SUCH AS FLOUR, GRAIN, WOOD & PLASTIC
CLASS III, DIVISION 1 & 2	NONE	IGNITABLE FIBERS/FLYING'S, SUCH AS COTTON LINT, FLAX & RAYON



A photograph of an industrial facility, likely a refinery or chemical plant, at dusk or night. The facility is illuminated by numerous lights, creating a warm glow against the dark sky. Several tall distillation columns and complex piping systems are visible. The image is partially obscured by a white diagonal shape that serves as a background for the text.

# TEMPERATURE CLASSIFICATIONS

Another important consideration is the temperature classification of the electrical equipment. The following table tells us, for example, that the surface temperature of a piece of electrical equipment with a temperature classification of T3 will not rise above 200 °C.

NORTH AMERICA (NEC) °C	
T1 - 450	T3A - 180
T2 - 300	T3B - 165
T2A - 280	T3C - 160
T2B - 260	T4 - 135
T2C - 230	T4A - 120
T2D - 215	T5 - 100
T3 - 200	T6 - 85



# HIGH BAYS



# HZB1

## HAZARDOUS LOCATION HIGH BAYS

CLASS I, DIVISION 1, GROUPS B, C, D  
NON RECESSED MARINE LUMINAIRES,  
OUTSIDE TYPE [SALT WATER]



### ZONE RATINGS EQUIVALENTS

- Class I, Zone 1, Group IIB

OVERVIEW			
WATTS [W]	30, 60, 100, 150	EFFICIENCY [LM/W]	128-155
LUMEN OUTPUT [LM]	3 992-23 486	COLOR TEMPERATURE [K]	3 000, 4 000, 5 000, 5 700, 6 500

### ORDERING GUIDE

HZB1 — — — — — GY						
SERIES	LUMEN PACK-AGE [W]	VOLTS [V]	COLOR TEMP. [K]	LENS TYPE	BEAM ANGLE [°]	CASTING COLOR
HZB1	A1 - 30	2 - 120-277	30 - 3 000	G - CLEAR FLAT GLASS	MW2 - 80	GY - GREY
	A2 - 60		40 - 4 000		W3 - 110	
	A3 - 100		50 - 5 000			
	A4 - 150	2 - 120-277 7 - 277-480	57 - 5 700 65 - 6 500	D <sup>1</sup> - DROP GLASS S <sup>1</sup> - CLEAR STRIPPED SPHERICAL GLASS	W4 - 120	

<sup>1</sup> Drop glass lens and stripped spherical lens are only available for 30 W and 60 W models.

### ACCESSORIES [ORDER SEPARATELY]



YOKE

WIREGUARD FOR FLAT LENS

WIREGUARD FOR SPHERICAL LENS

WIREGUARD FOR DROP LENS

JUNCTION BOX



LED



DIMMABLE



WET  
LOCATION



HAZARDOUS  
LOCATION



66  
IP  
RATING



IK09  
IMPACT  
RESISTANCE



ICES  
005



NEMA  
4X



UL  
CERTIFIED



MARINE  
UL  
LISTED



Scan for more details

# HZB2

## HAZARDOUS LOCATION

### HIGH BAY

CLASS I, DIVISION 2, GROUPS A, B, C, D  
NON RECESSED MARINE LUMINAIRES, OUTSIDE  
TYPE (SALT WATER)



#### ZONE RATINGS EQUIVALENTS

- Class I, Zone 2, Group IIC

OVERVIEW					
WATTS [W]	30, 60, 100, 150	EFFICIENCY [LM/W]	114 - 152		
LUMEN OUTPUT [LM]	3 420 - 22 650	COLOR TEMPERATURE [K]	2 700, 3 000, 4 000, 5 000, 5 700, 6 500		

#### QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	LENS TYPE	WATTS	VOLTS	COLOR TEMPS.	LUMEN OUTPUT	EFFICIENCY	CRI	LIFE L70	TESTED HOURS LM-80	BEAM ANGLE	B.U.G	LED CURRENT	FINISH	POWER FACTOR	THD
		[W]	[V]	[K] <sup>1</sup>	[LM] <sup>2,3</sup>	[LM/W]		[HRS] <sup>4</sup>	[HRS] <sup>4</sup>	[°]		[MA]			[%]
HZB2-A3-2-40-6W36Y	FLAT	100	120-277	4 000	15 651	150	80+	60 000	17 000	110	B3-U2-G1	1 667	GREY	≥0.9	≤20

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

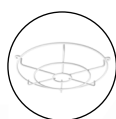
<sup>3</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

#### ACCESSORIES (ORDER SEPARATELY)



YOKE



WIREGUARD FOR FLAT LENS



WIREGUARD FOR SPHERICAL LENS



WIREGUARD FOR DROP LENS



JUNCTION BOX



LED



DIMMABLE



WET LOCATION



HAZARDOUS LOCATION



IP RATING



IMPACT RESISTANCE



IMPACT RESISTANCE



ICES 005



NEMA 4X



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# FLOOD LIGHTS

# HZF1

## HAZARDOUS LOCATION FLOOD LIGHTS

CLASS I, DIVISION 1, GROUPS C, D  
CLASS I, DIVISION 2, GROUPS A, B, C, D  
NON RECESSED MARINE LUMINAIRES,



### ZONE RATINGS EQUIVALENTS

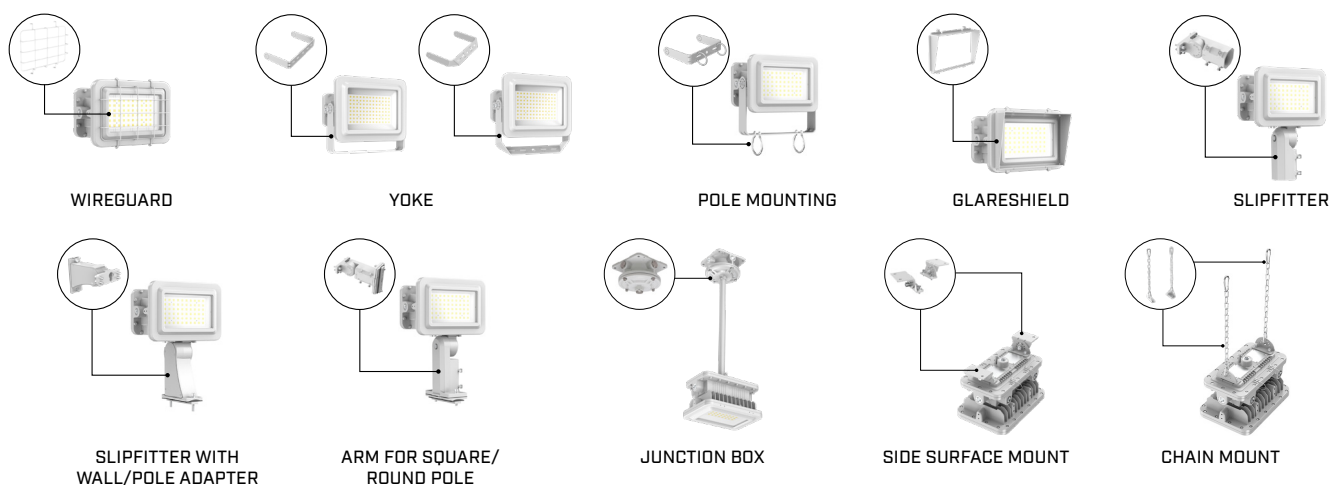
- Class I, Zone 1, Group IIB

OVERVIEW			
WATTS [W]	30, 60, 100, 150, 200	EFFICIENCY [LM/W]	128 - 165
LUMEN OUTPUT [LM]	4 050-31 400	COLOR TEMPERATURE [K]	2 700, 3 000, 4 000, 5 000, 5 700, 6 500

### ORDERING GUIDE

HZF1 — — — — — GY					
SERIES	LUMEN PACKAGE [W]	BEAM ANGLE	VOLTS [V]	COLOR TEMPERATURE [K]	CASTING COLOR
HZF1	A1 - 30	N2 - 23° W3 - 110° VW1 - 7Hx6V	2 - 120-277	27 - 2 700	GY - GREY
	A2 - 60			30 - 3 000	
	A3 - 100		2 - 120-277 7 - 277-480	40 - 4 000	
	A5 - 200			50 - 5 000	
	A4 - 150			57 - 5 700	
				65 - 6 500	

### ACCESSORIES (ORDER SEPARATELY)



LED



DIMMABLE



WET LOCATION



HAZARDOUS LOCATION



IP RATING



IMPACT RESISTANCE



ICES 005



NEMA 4X



UL CERTIFIED



MARINE LISTED



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# HZF2 HAZARDOUS LOCATION FLOOD LIGHTS

CLASS I, DIVISION 2, GROUPS A, B, C, D  
NON RECESSED MARINE LUMINAIRES, OUTSIDE  
TYPE [SALT WATER]

## ZONE RATINGS EQUIVALENTS

- Class I, Zone 2, Group IIC



OVERVIEW			
WATTS [W]	30, 60, 100, 150, 200, 240, 300, 400	EFFICIENCY [LM/W]	135 - 166
LUMEN OUTPUT [LM]	4 275 - 64 800	COLOR TEMPERATURE [K]	2 700, 3 000, 4 000, 5 000, 5 700, 6 500

## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS	VOLTS	COLOR TEMPS.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	BEAM ANGLE	B.U.G RATING	LED CURRENT	FINISH	POWER FACTOR	THD
	[W]	[V]	[K]	[LM] <sup>2,3</sup>	[LM/W]		[HRS] <sup>4</sup>	[HRS] <sup>4</sup>	[°]		[MA]			[%]
HZF2-A2W3-2-40-GY	60	120-277	4 000	9 724	157	70+	60 000	10 000	110	B3-U2-G1	662	GREY	≥0.9	≤20
HZF2-A3W3-2-40-GY	100	120-277	4 000	16 879	164	70+	60 000	10 000	110	B3-U2-G1	810	GREY	≥0.9	≤20

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

## ACCESSORIES (ORDER SEPARATELY)



WIREGUARD



YOKE



POLE MOUNTING



GLARESHIELD



SLIPFITTER



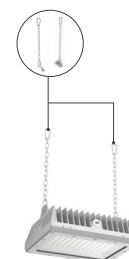
SLIPFITTER WITH  
WALL/POLE ADAPTER



ARM FOR SQUARE/  
ROUND POLE



SIDE SURFACE MOUNT



CHAIN MOUNT



JUNCTION BOX



LED



DIMMABLE



WET  
LOCATION



HAZARDOUS  
LOCATION



IP  
RATING



IK08  
IMPACT  
RESISTANCE



ICES  
005



NEMA  
4X



UL  
CERTIFIED



MARINE  
LISTED



Scan for more details



# LINEARS

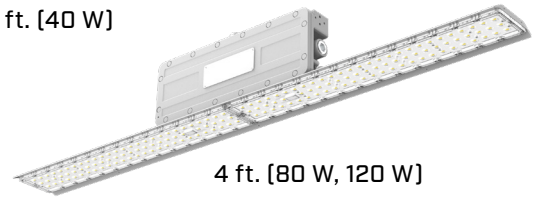


# HZL2 HAZARDOUS LOCATION LED LINEAR LUMINAIRE

CLASS I, DIVISION 2, GROUPS A, B, C, D  
NON RECESSED MARINE LUMINAIRES, OUTSIDE  
TYPE [SALT WATER]



2 ft. (40 W)



4 ft. (80 W, 120 W)

## ZONE RATINGS EQUIVALENTS

- Class I, Zone 2, Group IIC

### OVERVIEW

WATTS [W]	40, 80, 120	EFFICIENCY [LM/W]	156 - 165
LUMEN OUTPUT [LM]	6 529 - 19 253	COLOR TEMPERATURE [K]	2 700, 3 000, 4 000, 5 000, 5 700, 6 500

## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS	VOLTS	COLOR TEMPS.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	BEAM ANGLES	B.U.G RATING	LED CURRENT	FINISH	POWER FACTOR	THD
	[W]	[V]	[K] <sup>1</sup>	[LM] <sup>2,3</sup>	[LM/W]		[HRS] <sup>4</sup>	[HRS] <sup>4</sup>	[°]		[MA]		≥0.9	≤20
HZL2-A2W3-2-40-6Y	80	120-277	4 000	12 871	159	80+	54 000	17 000	110	B3-U3-G1	1 590	GREY	≥0.9	≤20

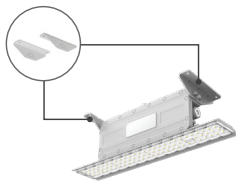
<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

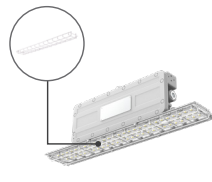
<sup>3</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

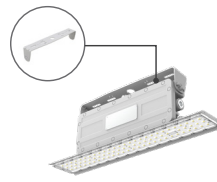
## ACCESSORIES (ORDER SEPARATELY)



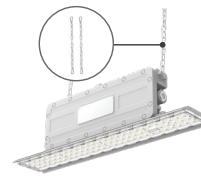
SIDE SURFACE MOUNT



WIREGUARD



YOKE



CHAIN MOUNT



JUNCTION BOX



LED



DIMMABLE



WET LOCATION



HAZARDOUS LOCATION



IP RATING



IMPACT RESISTANCE



ICES 005



NEMA 4X



UL CERTIFIED



MARINE UL LISTED



Scan for more details

A photograph of an industrial facility, possibly a refinery or chemical plant, with long rows of large storage tanks and complex piping systems. The scene is brightly lit by overhead industrial lights. A large, solid red diagonal shape cuts across the lower half of the image, serving as a background for the title text.

# VAPOR TIGHTS



# VWX4-L GEN. 2

## HAZARDOUS LOCATION

### LED VAPOR TIGHT

The VWX4-L is a series of vapor and dust tight fixtures specially designed for use in hazardous environments where flammable vapors or gases are present.

#### COMPLIANCES

- Class I - Division 2, Groups A, B, C and D, T4A for ambient 40°C and T5 for ambient of 25°C
- Class III - Division 1 & 2, T4A for ambient 40°C and T5 for ambient of 25°C



OVERVIEW			
LIGHT SOURCE	LED	CRI	80+, 90+
WATTS [W]	27 - 62	WEIGHT [LBS]	14.15
LUMEN OUTPUT [LM]	3 652 - 8 900	OPERATING TEMPERATURE [°C]	-40 °C TO +40 °C
EFFICACY [LM/W]	127 - 145	CONSTRUCTION	FIBERGLASS HOUSING, IMPACT RESISTANT ACRYLIC LENS, POM LATCHES AND STAINLESS STEEL MOUNTING HARDWARE
COLOR TEMPERATURE [K]	3 000, 3 500, 4 000, 5 000	MOUNTING	SURFACE, SUSPENDED

#### ORDERING GUIDE

VWX4 — L — — — — — / — — — — — / — — — — —						
SERIES	LAMP TYPE	LUMEN PACKAGE [LM]	CRI	VOLTS [VAC]	COLOR TEMP. [K]	OPTIONS
VWX4	L - LED	A1B - REFER TO THE A2B - TECHNICAL A3B - SPECIFICATION A4B - TABLE FOR MORE DETAILS	80 - 80 90 - 90	2 - 120-277 8 - 347	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	SS - STAINLESS STEEL LATCHES KV - 10KV SURGE PROTECTOR DL <sup>1,2</sup> - EMERGENCY BACK UP [0°C TO +25°C], FOR 120-277V ONLY PC - POLYCARBONATE RIBBED FROSTED LENS SFAL - SMOOTH FROSTED ACRYLIC LENS SFPL - SMOOTH FROSTED POLYCARBONATE LENS TP - VANDAL RESISTANT SCREWS L6 - 6' WHITE POWER CORD L10 - 10' WHITE POWER CORD L6-BK - 6' BLACK POWER CORD L10-BK - 10' BLACK POWER CORD AC <sup>3</sup> - AVIATION CABLE KIT RGB-45 <sup>4</sup> - WALL MOUNT BRACKET [45°]

<sup>1</sup> When selecting DL option, the fixture maintains wet location status, however, NEMA 4X and IP ratings are no longer applicable

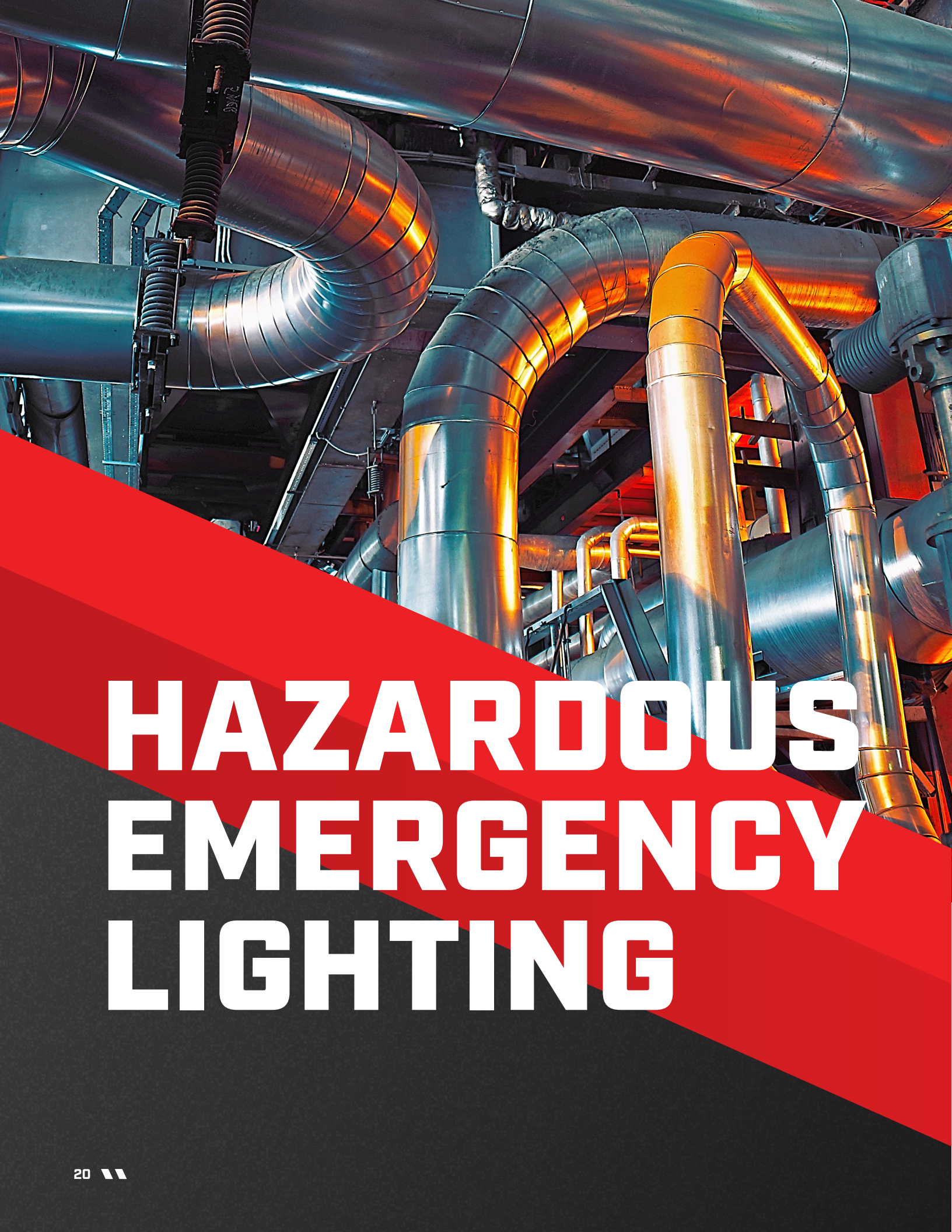
<sup>2</sup> Fixture functional in AC mode, when power goes off emergency battery back-up powers LED boards. One emergency battery back-up per fixture is standard unless otherwise specified

<sup>3</sup> Aviation cable length based in selected power cable length

<sup>4</sup> Horizontal wall mount



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# HAZARDOUS EMERGENCY LIGHTING



# DELUGE - RPNX

## HAZARDOUS LOCATION

### RUNNING MAN

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

Class II, div 2, groups F, G

Class III, div 2



OVERVIEW	
LIGHT SOURCE	LED
INPUT VOLTAGE (VAC)	120/277/347
INPUT POWER	2 W AC & AC/DC SINGLE OR DOUBLE FACE 3.34 W SELF-POWERED SINGLE OR DOUBLE FACE
DC VOLTAGE / POWER	
6 VDC = 0.8 W 12 VDC = 0.9 W 24 VDC = 1.2 W	

## ORDERING GUIDE

RPNX					
SERIES	NBR OF FACES	MOUNTING	FRAME COLOUR	DC VOLTAGE (VDC)	OPTIONS
RPNX	1 - SINGLE FACE 2 - DOUBLE FACE	BLANK - UNIVERSAL	BLK - BLACK WHT - WHITE	UNVDC - UNIVERSAL DC BACKUP VOLTAGE FROM 6 TO 24 BAT - SELF-POWERED FOR 90 MINUTES BAT1 - SELF-POWERED FOR 120 MINUTES	ATO <sup>1</sup> - AUTOMATIC TEST STANDARD CW <sup>2</sup> - COLD WEATHER AT -20°C TO +40°C O - NO INDICATORS (DOUBLE FACE ONLY) ↓ ↑ ↗ ↘ ↙ ↘ D U UR DR DL UL

<sup>1</sup>Available only with BAT & BAT1. Mandatory with BAT & BAT1

<sup>2</sup>Available only with BAT



Scan for more details

# 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



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		

### ORDERING GUIDE

CRPNX					-	2		/	ATD	/	
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	BLK - BLACK WHT - WHITE	2 - 2 HEADS	SEE LAMP SELECTION CHART	ATD - AUTOTEST	BLANK - STANDARD			
			2 - DOUBLE FACE					+10°C TO +25°C			
		050 - 50 LEAD ACID	1 - SINGLE FACE					CW1 <sup>1</sup> - COLD WEATHER			
	072 - 72 LEAD ACID		AT -40°C TO +40°C								
	12 - 12							0 - NO INDICATORS			
		036 - 36 NI-CD	1 - SINGLE FACE					(DOUBLE FACE ONLY)			
		2 - DOUBLE FACE	↓ ↑ ↗ ↘ ↙ ↘								
	072 - 72 NI-CD	1 - SINGLE FACE	D U UR DR DL UL								

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



LED



WET  
LOCATION



IP  
RATING



ICES  
005



HAZARDOUS  
LOCATION



IK10  
IMPACT  
RESISTANCE



Energy Verified  
Energie Vérifiée



SANITATION  
NSF/ANSI 2



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# DELUGE - EBNX

## HAZARDOUS LOCATION BATTERY UNIT

CLASS I, DIV 2, GROUPS A, B, C, D  
CLASS II, DIV 2, GROUPS F, G  
CLASS III, DIV 2



OVERVIEW			
INPUT VOLTAGE [V AC]	120/277/347	OUTPUT VOLTAGE [V DC]	6, 12
CW1 INPUT VOLTAGE [V AC]	120/277/347	OUTPUT POWER [W]	36 - 130
CW1 INPUT POWER [W]	30		

### ORDERING GUIDE

EBNX						/ ATD	/	
SERIES	VOLTS [V]	WATTS [W]	LAMP SELECTION	HOUSING COLOR		MANDATORY OPTIONS	OPTIONS	
EBNX	06 - 6 12 - 12	036 - 36, NI-CD 050 - 50, LEAD ACID 072 - 72, LEAD ACID 100 - 100, LEAD ACID 130 - 130, LEAD ACID	SEE LAMP SELECTION CHART	BLK -	BLACK	ATD - AUTO-TEST	BLANK - STANDARD +10°C TO +25°C CW1 <sup>1</sup> - COLD WEATHER AT -40°C TO +40°C	

<sup>1</sup> Only available with 6V 36W, 12V 36W and 12V 72W (Ni-Cd if ordered with CW1)



BRIDGE  
EMERGENCY LIGHTING  
LUMINAIRE  
REMOTE NORMALLY ON



LED



WET  
LOCATION



IP  
RATING



ICES  
005



HAZARDOUS  
LOCATION



IK10  
IMPACT  
RESISTANCE



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# DELUGE - RMNX

## HAZARDOUS LOCATION

### REMOTE

CLASS I, DIV 2, GROUPS A, B, C, D  
 CLASS II, DIV 2, GROUPS F, G  
 CLASS III, DIV 2



OVERVIEW	
LIGHT SOURCE	LED
DC VOLTAGE (VDC)	6, 12 OR 24

RMNX			-				
SERIES	NBR OF HEADS	VOLTAGE (VDC)		WATTAGE (W)	LAMP TYPE	COLOR	
RMNX	1 - SINGLE HEAD 2 - DOUBLE HEAD	6-24V - 6 TO 24 OPERATIONAL		4W - 4	LR - LED	BLK - BLACK WHT - WHITE	
				5W - 5	LA - LED		
		12-24V - 12 TO 24 OPERATIONAL		6W - 6	LA - LED		
				7W - 7			



LED



WET  
LOCATION



IP  
RATING



ICES  
005



HAZARDOUS  
LOCATION



IMPACT  
RESISTANCE



SANITATION  
NSF/ANSI 2



Scan for more details



# RPHZ

## HAZARDOUS LOCATION

CLASS I, DIVISION 1 & 2, GROUPS C & D  
AC, AC/DC  
120/347 V AC INPUT



OVERVIEW			
LIGHT SOURCE	LED	INPUT POWER [W]	3.4
INPUT VOLTAGE [V AC]	120/347	DC POWER [W]	1.8
INPUT VOLTAGE [V DC]	6, 12 OR 24		

## ORDERING GUIDE

RPHZ				
SERIES	NBR OF FACES	MOUNTING	VOLTS [V DC]	OPTIONS
RPHZ	1 - SINGLE FACE 2 - DOUBLE FACE	C - CEILING MOUNT P - PENDANT MOUNT W - WALL MOUNT	BLANK - AC ONLY 06 - 6 12 - 12 24 - 24	SPW - SPECIAL WORDING OR GRAPHIC D - NO INDICATORS (DOUBLE FACE ONLY) ↓ ↑ ↗ ↘ ↙ ↘ D U UR DR DL UL



LED



HAZARDOUS  
LOCATION



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# RPZN2

## HAZARDOUS LOCATION

CLASS I, DIVISION 2, GROUPS C, D  
AC, AC/DC & SELF-POWERED



[self powered version]

OVERVIEW			
LIGHT SOURCE	LED	OUTPUT VOLTAGE [V DC]	6, 12, OR 24
INPUT VOLTAGE [V AC]	120/347	DC POWER [W]	1.8
INPUT POWER [W]	3.6 AC/DC 4 SELF-POWERED		

### ORDERING GUIDE

RPZN2	1	GRY	—	/	
SERIES	NBR OF FACES	COLOR	OPERATION	OPTIONS	
RPZN2	1 - SINGLE FACE	GRY - GREY	UNVDC - UNIVERSAL DC BACKUP VOLTAGE FROM 6 TO 24V DC BAT - SELF-POWERED FOR 90 MINUTES		
				D U URDRDLUL	



LED



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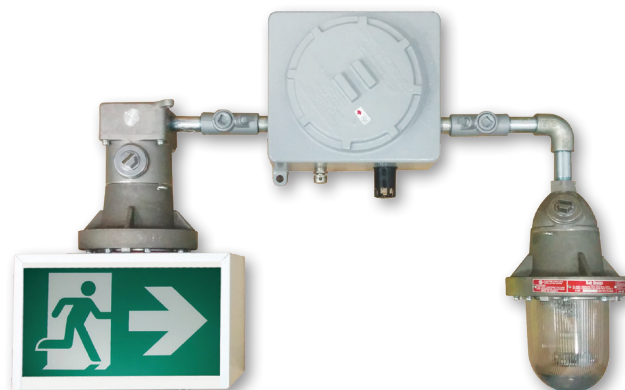
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# CRPHZ

## HAZARDOUS LOCATION RUNNING MAN COMBO

CLASS I, DIVISION 1, GROUPS C & D  
6 V DC, 12 V DC OR 24 V DC MODELS  
120 OR 347 V AC INPUT



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

### ORDERING GUIDE

CRPHZ							
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



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HAZARDOUS  
LOCATION



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Energy Verified  
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# CRPZN2 HAZARDOUS LOCATION COMBO

CLASS I, DIVISION 2, GROUPS C, D  
12 V DC, 36-200W



## BOTTOM VIEW

- 1- AC ON PILOT LED
- 2- BREATHER VALVE
- 3- TEST SWITCH

## OVERVIEW

LIGHT SOURCE	LED	DC POWER [W]	36 - 200
INPUT VOLTAGE [V AC]	120/347	SIGN POWER CONSUMPTION [W]	3.6
OUTPUT VOLTAGE [V DC]	12	SIGN DC CONSUMPTION [W]	1.8

## ORDERING GUIDE

CRPZN2				—		GRY	/	
SERIES	NBR OF FACES	WATTS [W]	VOLTS [V]	HEAD/LAMP	LAMP	COLOR	OPTIONS	
CRPZN2	1 - SINGLE FACE	SEE MODEL RATING BELOW	1 - 12 V	0 - NO HEADS 1MW - ONE MR16 WEATHER-PROOF 2MW - TWO MR16 WEATHER-PROOF	SEE LAMP SELECTION CHART BELOW	GRY - GREY	RDS - RADIO FREQUENCY SUPPRESSION [SPECIFY AC VOLTAGE] ↓ ↑ ↗ ↘ ↙ ↘ D U URDRDLUL	



LED



HAZARDOUS  
LOCATION



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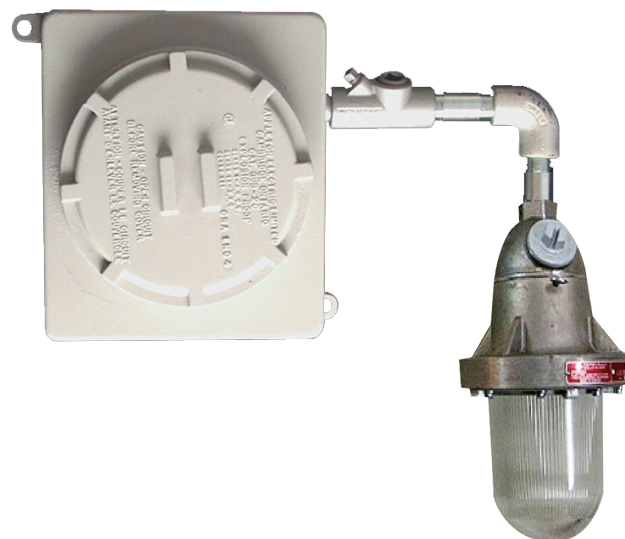


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# EBHZ HAZARDOUS LOCATION BATTERY UNIT

CLASS I, DIVISION 1, GROUPS C & D  
6, 12 OR 24 V DC MODELS  
120/347 V AC INPUT



OVERVIEW			
INPUT VOLTAGE [V AC]	120 OR 347	OUTPUT POWER [W]	36 - 320
OUTPUT VOLTAGE [V DC]	6, 12 OR 24		

## ORDERING GUIDE

EBHZ						
SERIES	VOLTS [V DC]	WATTS [W]	VOLTS [V AC]	HEAD	LAMP/HEAD	LAMP
EBHZ	06 - 6 12 - 12 24 - 24	SEE MODEL RATING BELOW	BLANK - 120/347	1Z - SINGLE 2Z - DOUBLE	1 - SINGLE LAMP ASSEMBLY 2 - DOUBLE LAMP ASSEMBLY	SEE LAMP SELECTION BELOW



HAZARDOUS  
LOCATION



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# EBZN2

## HAZARDOUS LOCATION BATTERY UNIT

CLASS I, DIVISION 2, GROUPS C, D



### BOTTOM VIEW

- 1- AC ON PILOT LED
- 2- BREATHER VALVE
- 3- TEST SWITCH

### OVERVIEW

INPUT VOLTAGE [V AC]	120/347	OUTPUT POWER [W]	36 - 200
OUTPUT VOLTAGE [V DC]	12		

### ORDERING GUIDE

EBZN2				
SERIES	VOLTS [V DC]	WATTS [W]	HEAD/LAMP	LAMP
EBZN2	12 - 12	SEE MODEL RATING BELOW	0 - NO HEADS 1MW - ONE MR16 WEATHER-PROOF 2MW - TWO MR16 WEATHER-PROOF	SEE LAMP SELECTION CHART BELOW

Note: For detailed options descriptions, please consult the options page.



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# RMHZ

## HAZARDOUS LOCATION REMOTE FIXTURE

CLASS I, DIVISION 1 & 2, GROUPS C, D  
6, 12 OR 24 V DC MODELS  
WALL, CEILING OR PENDANT MOUNT



### OVERVIEW

LIGHT SOURCE	QUARTZ OR LED	OUTPUT VOLTAGE (V DC)	6, 12 OR 24
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### ORDERING GUIDE - LED

RMHZ — /							
SERIES	HEAD	NBR OF LAMPS	VOLTS (V DC)	WATTS (W)	LAMP TYPE	MOUNTING	OPTIONS
RMHZ	1 - SINGLE 2 - DOUBLE (WITH J-BOX)	1 - SINGLE LAMP PER HEAD 2 - DOUBLE LAMP PER HEAD	06-24V 6- 24 OPERATIONAL	4W - 4	LR - LED	C - CEILING MOUNT	LGD - DIE CAST LENS GUARD
				5W - 5	LA - LED	P - PENDANT MOUNT	
			12-24V 12 - 24 OPERATIONAL	6W - 6	LA - LED	W - WALL MOUNT	
				7W - 7			



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# NOTES





# NOTES

# NOTES





# NOTES



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2025-05-09