RH SERIES

Pictogram Sign, Hazardous Locations: Class I Div 2, Class II Div 1&2 and Class III

FEATURES

- Includes the addition of Class II Div. 1&2
  Groups E, F and G as well as Class III ratings
- Compliant Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Temperature Code T6 (maximum + 85°C) as per Canadian Electrical Code, Part I and CSA C22.2 No.137-M1981
- High-impact thermoplastic frame with built-in gasket to secure against liquid leaks
- Sealed, polycarbonate heavy-duty, vandal-resistant face plate(s)
- Concealed pilot light and test switch with magnetic action
- Long-life white LED light source
- Supplied standard with two pictogram films per face, for direction selection
- Meets or exceeds CSA 22.2 No.141-15 standard for pictogram Exit Signs
- Universal AC input: two-wire 120 to 347VAC; standard DC input: two-wire 6 to 24VDC
- Energy efficient – consumes less than 2.5W
  in AC or DC-remote mode
- Self-Powered models come standard with auto-diagnostic functions and deliver two hours of back-up legend illumination
- Suitable for cold-weather: -40°C for AC/DC and -20°C for Self-Powered models (option: -CW)

See warranty details at: www.tnb.ca/en/brands/ready-lite

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TYPICAL SPECIFICATIONS

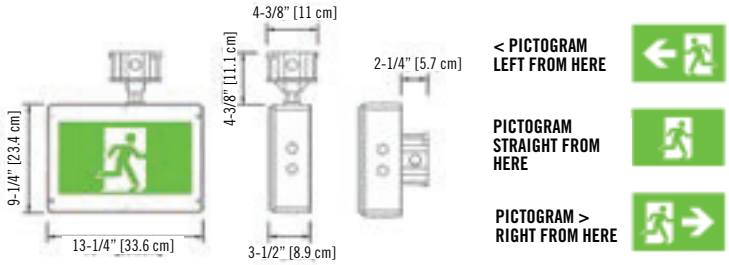
Supply and install the **Ready-Lite® RH Series** of pictogram Exit Signs. The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D, Class II Divison 1&2 Groups E, F and G as well as Class III, with the temperature code T6 (maximum 85ºC). The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated pictogram legend. Each face plate shall come standard with two legend films for pictogram and direction selection. The light source shall be long-life white light-emitting diodes (LED). The pictogram Exit Sign shall operate with universal 2-wire AC input voltage of 120 to 347VAC at less than 2.5W and universal 2-wire DC input voltage from 6 to 24VDC at less than 1W for single and double face signs. The Self-Powered model shall include a concealed pilot light and magnet-sensitive test switch, shall use a sealed Nickel-Cadmium battery of 2.4V nominal voltage and shall stay illuminated during emergency operation for at least two hours upon AC failure. The Self-Powered model shall include auto-test functions: it shall execute automatic tests for 5 minutes every 30 days, 30 minutes every 60 days and two hours annually. When a fault is detected, the bi-colour pilot light shall turn from green to red and flash following a particular code. The code description shall be visible on a label next to the pilot light to identify the failure type: battery, charger circuitry, or LED lamps.

The pictogram Exit Sign shall meet or exceed the CSA 22.2 No.141-15 standard.
The equipment shall be **Ready-Lite®** Model: _____.

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

DIMENSIONS

Dimensions are approximate and subject to change.



POWER CONSUMPTION

MODEL	AC SPECS		DC SPECS	
AC-only	120 to 347VAC	less than 2.5W	-	-
AC/DC standard	120 to 347VAC	less than 2.5W	6 to 24VDC	less than 1 W
AC/Special DC	120 to 347VAC	less than 2.5W	36, 48, 120VDC	less than 2.5 W
two-wire 120V AC/DC	120VAC	less than 2.5W	120VDC	less than 2.5 W
self-diagnostic	120/347VAC	less than 3.5W	nickel-cadmium battery	min. two hours

ORDERING INFORMATION

SERIES	FACES[1]	HOUSING COLOUR	VOLTAGE	OPTIONS
RH= pictogram exit sign	**1**= single face **2**= double face	**G**= grey	**2120**= 2-wires 120VAC/VDC **NEX**= NEXUS® system interface, 120/347VAC[1] **NEXRF**= wireless NEXUS® system interface, 120/347VAC[1] **SPD**= Self-Powered, auto-diagnostic, non-audible, Ni-Cd, 120/347VAC **SPD2**= Self-Powered, auto-diagnostic, non-audible, Ni-Cd, 120/277VAC **U**= universal 120 to 347VAC; 6 to 24VDC **U00**= 120 to 347VAC only **U36**= 120 to 347VAC; 36VDC **U48**= 120 to 347VAC; 48VDC **U120**= 120 to 347VAC; 120VDC	**CW**= cold-weather (-20°C for SPD, SPD2 and NEXUS®, -40°C for universel model) **D4**= Arrow Down 45° **D9**= Arrow Down **U4**= Arrow Up 45° **U9**= Arrow Up

[1] Ceiling or wall mount only.

[1] Not all options available with NEXUS® System. Please consult your sales representative

EXAMPLE: RH1GU

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RHC SERIES

Pictogram Combo, Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® RHC Series** combination emergency light battery unit and pictogram sign. Designed specifically for hazardous locations, the equipment frame shall be of industrial grade polyvinyl chloride with gaskets around both sides of the frame contour. The back plate shall be made of 1/8" thick aluminum sheet and shall include knock-outs for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy-duty vandal-resistant clear polycarbonate and feature a uniformly illuminated pictogram legend.

The unit shall come standard with two legend films for pictogram and direction selection. The light source shall be long-life white light-emitting diodes (LED). The unit shall have attached a lower compartment containing two emergency heads with adjustable swivels and long-life LED lamps of ___ V and ___ W. The heads shall be installed on a shield housing made of cast aluminum and protected by a shock-absorbent, clear polycarbonate cover. The standard AC input voltage shall be 120/347VAC. The equipment shall be equipped with a magnetic test switch and one LED pilot light protected by the face plate.

The unit shall perform auto-test functions managed by a micro-controller and shall automatically self-test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. When a fault is detected, the bi-color pilot light shall turn from green to red and flash following a particular code. The code description shall be displayed on a label next to the pilot light to identify the failure type: battery, charger circuitry, LED lights for the signage, or emergency lights. The combination unit shall be approved CSA C22.2 No.141-15 and No.137-M1981 for Class I Division 2 Groups A, B, C and D, Class II Divison 1&2 Groups E, F and G as well as Class III.

The combination unit shall be **Ready-Lite®** model: _____.

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

TEMPERATURE CODES (CLASS I DIVISION 2)

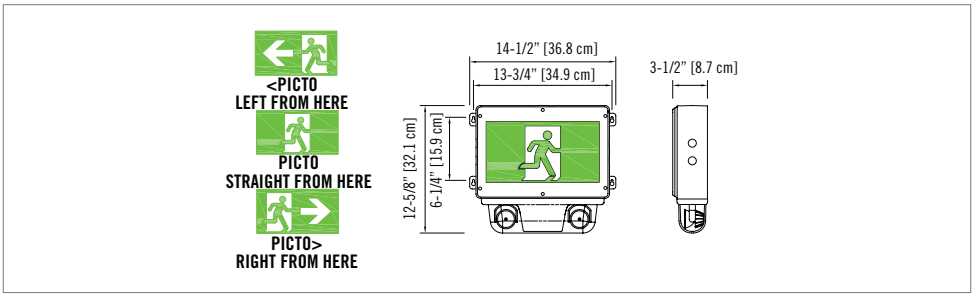
LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT LAMP
6V-4W LED	T4A	120°C	580.0097-RL
12V-4W LED	T4A	120°C	580.0093-RL
12V-5W LED	T4A	120°C	580.0104-RL
12V-6W LED	T4	135°C	580.0106-RL

POWER CONSUMPTION

MODEL	AC SPECS		EMERGENCY POWER AVAILABLE FOR LAMPS				
			30MIN	1H00	1H30	2H00	4H00
Pictogram Sign Module	120/347VAC	less than 2.5W	-	-	-	-	-
RHC-6L36		0.10/0.03 A	36	21	15	12	-
RHC-6L36-CW		0.25/0.08 A	36	21	15	12	-
RHC-6N36		0.10/0.03 A	36	30	20	16	8
RHC-6N36-CW		0.25/0.08 A	36	30	20	16	8
RHC-12N60		0.18/0.06 A	60	40	30	20	10

DIMENSIONS

Dimensions are approximate and subject to change.



FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
- Certified Class I Div 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Certified temperature Codes for several types of emergency lamps
- Certified CSA C22.2 No.141-15
- Polyvinyl chloride frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8" thick aluminum back plate with keyholes for wall-mount installation
- Sealed, polycarbonate vandal-resistant faceplate
- Legend illuminated by long-life white LEDs
- Comes standard with two pictogram films for direction selection
- Two high-performance LED lamps shielded by a clear polycarbonate cover
- 5W LED emergency lights provide 60 ft of egress illumination on a 6-foot wide path
- 6W LED emergency lights provide 100 ft of egress illumination on a 6-foot wide path
- Sealed, maintenance-free Lead-Calcium or Nickel-Cadmium batteries
- Remote load capacity: covers with LED lights 200 ft up to 500 ft of egress illumination
- Comes standard with auto-diagnostic
- Cold-weather option: -40°C with only 14W extra power consumption
- Advanced diagnostics capabilities (specific load requirements)

See warranty details at: www.tnb.ca/en/brands/ready-lite

ORDERING INFORMATION

SERIES	HOUSING COLOUR	BATTERY TYPE AND POWER	HEAD STYLE AND WATTAGE	OPTIONS
RHC= pictogram combo	**G**= grey	**6L36**= 6V-36W, lead-calcium **6N36**= 6V-36W, Ni-Cd **12N60**= 12V-60W, Ni-Cd	**Blank**= no heads[1] **LD1**= MR16 LED, 6V-4W **LD2**= MR16 LED, 6V-5W **LD7**= MR16 LED, 12V-4W **LD9**= MR16 LED, 12V-5W **LD10**= MR16 LED, 12V-6W [1] Remote load must be connected.	**AD**= auto-diagnostics, audible **Blank**= auto-diagnostics, non-audible (standard) **CW**= cold-weather -40°C (only 6V units) **D3**= time delay (15 mins.) **D4**= Arrow Down 45° **D9**= Arrow Down **NEX**= NEXUS® system interface[1] **NEXRF**= wireless NEXUS® system interface[1] **U2**= 120/277VAC input **U4**= Arrow Up 45° **U9**= Arrow Up [1] Not all options available with NEXUS® System. Please consult your sales representative

EXAMPLE: RHCG12N60LD7

TUFHZ SERIES

LED Exit Sign, Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Div 2, Groups A, B,C and D as per CSA C22.2 No.137-M1981
- Temperature Code: T6 (maximum 85ºC as per Canadian Electrical Code, Part I and CSA C22.2 No.137-M1981)
- CSA certified, meets or exceeds CSA 22.2 No. 141 requirements
- Input voltages: 120 to 347VAC universal AC input; 6 to 48VDC universal DC input
- High impact thermoplastic frame, with built-in gasket to prevent water infiltration
- Suited for areas with the risk of presence of flammable gases, vapors or liquids able to create an explosive atmosphere
- Sealed, polycarbonate faceplate of heavy-duty, vandal-resistant
- Tamper-resistant, hermetically sealed magnetic test switch
- Auto-diagnostic circuitry is standard on Self-Powered models
- Batteries recharge as per CSA requirements and provide 90 minutes of emergency operation
- Long-life, energy-efficient **ALINGAP** red LED light source
- Energy efficient – consumes less than 3W in AC or DC mode
- Comes standard with industrial-grade, Die-Cast aluminum electrical box
- Suitable for cold weather: -20°C (Self-Powered model, "CW" option) and -40°C (AC only and AC-DC models)

See warranty details at: www.tnb.ca/en/brands/ready-lite

nexus® Made in Canada

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® TUFHZ Series** LED Exit Signs. The equipment shall operate with universal two-wire AC input voltage from 120VAC to 347VAC at less than 3W and universal two-wire DC input voltage from 6VDC to 48VDC at less than 2W for single and double face signs. Designed specifically for hostile environments, the equipment frame shall be of industrial grade high impact thermoplastic with a gasket around lenses and canopy. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated legend. The light source shall be light emitting diodes (LED). Red LED technology shall be **ALINGAP**. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D, Class II Divison 1&2 Groups E, F and G as well as Class III, with the temperature code T6 (maximum 85ºC). The equipment shall be designed specifically for high abuse areas, wet location, and cold weather -20°C applications. The Self-Powered model shall stay illuminated during emergency operation for at least 90 minutes upon AC failure and shall include a magnetic test switch and self-testing/self-diagnostic functions. The equipment shall automatically self test for 5 minutes every 30 days, 30 minutes every 60 days and 90 minutes annually. A "Service required" lamp shall be located near the test switch and flash when a fault is detected. A two-LED diagnostic display shall be located inside the equipment and shall identify the eventual source of failure (battery, charger circuitry, or LED lamps).

The Exit Sign shall be CSA-C860 approved and meets CSA 22.2 No. 141.

The equipment shall be **Ready-Lite®** Model: _____

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

WIRE GUARDS

460.0080-RL	wall mount
460.0060-RL	ceiling mount

POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS		DC SPECS	
AC/DC red	120 to 347VAC	less than 3W	6 to 48VDC	less than 2W
AC/DC green	120 to 347VAC	less than 3W	6 to 48VDC	less than 2W
Self-Powered red	120 to 347VAC	less than 3W	nickel-cadmium battery	min. 90 minutes
Self-Powered green	120 to 347VAC	less than 3W	nickel-cadmium battery	min. 90 minutes
120VAC/VDC 2 wires, red	120VAC	less than 3W	120VDC	less than 3W

Note: double face models have double the power consumption above.

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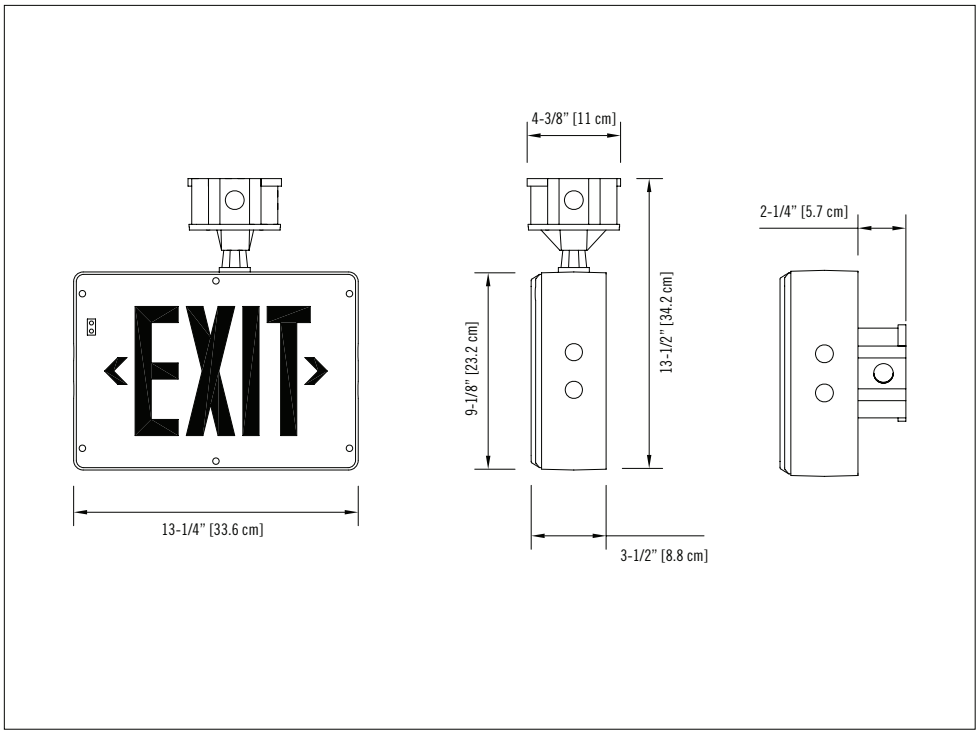
TUFHZ SERIES

LED Exit Sign, Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	FACES/MOUNTING	AC VOLTAGE	HOUSING/FACEPLATE COLOUR	VOLTAGE	OPTIONS
TUFHZ= exit sign	**-1**= single face, ceiling or wall mount **-2**= double face, ceiling mount only	**Blank**= 120VAC (L120-2W only) **-U**= universal, 120-347VAC	**GG**= grey/grey	**-DC**= universal 120-347VAC, 6-48VDC **-L120-2W**= 120VAC, 120VDC, 2 wires (AC only) **-NEX**= NEXUS® system interface[1] **-NEXRF**= wireless NEXUS® system interface[1] **-SPD**= Self-Powered, auto-diagnostic, non-audible Ni-Cd, 120 to 347VAC 1 Not all options available with NEXUS® System. Please consult your sales representative	**Blank**= red legend **CW**= cold weather -20°C Self-Powered only **G**= green legend

EXAMPLE: TUFHZ-2-UGG-DC

HZ SERIES

LED Exit Combo, Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

new features

nexus® CSA® Made in Canada

FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings (n)
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Certified temperature Codes for several types of emergency lamps
- Certified CSA C22.2 No141
- Certified CSA C860
- Polymeric frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8" thick aluminum back plate with keyholes for secure wall-mount installation
- Sealed polycarbonate faceplate of heavy-duty, vandal-resistant
- Suited for areas with the risk of flammable gases, vapors or liquids that can create an explosive atmosphere
- Exit Sign module illuminated by long-life, energy-efficient **ALINGAP** red LEDs
- Two LED lamps, shielded by a cast aluminum housing and a polycarbonate cover
- 5W LED emergency lights provide 60 ft of egress illumination on a 6-foot wide path
- 6W LED emergency lights provide 100 ft of egress illumination on a 6-foot wide path (n)
- Sealed, maintenance-free, Lead-Calcium or Nickel-Cadmium batteries
- Remote load capacity: covers with LED lights 200 ft up to 800 ft of egress illumination (n)
- Comes standard with auto-diagnostic functions
- ½" electrical conduit entry on both sides and at the top
- NEXUS® compatible (for more information on NEXUS®, contact your sales representative)
- Advanced diagnostics capabilities (specific load requirements)

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® HZ Series** combination emergency light battery unit and LED Exit Sign. Designed specifically for hostile environments, the equipment frame shall be of industrial grade polymer with gaskets around both sides of the frame contour. The back plate shall be made of 1/8" thick aluminum sheet and shall include knockouts for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy-duty vandal-resistant polycarbonate and feature a uniformly illuminated legend.

The light source shall be light emitting diodes (LED). Red LED technology shall be **ALINGAP**. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. When specified, the equipment shall have attached a lower compartment containing two emergency lights with adjustable swivels and long-life LED lamps of _____ V and _____ W. The lamps shall be shielded by cast aluminum housing and protected by a shock-absorbent, transparent polycarbonate cover.

The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D, Class II Divison 1&2 Groups E, F and G as well as Class III. The standard AC input voltage shall be 120/347VAC. The equipment shall be equipped with a magnetic test switch located behind the face plate and two LED pilot lights: AC-on and "Service required".

The unit shall include self-testing/self-diagnostic functions monitored by a micro-controller and shall automatically self test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. The "Service required" LED shall light when a fault is detected. A four-LED diagnostic display located inside the equipment shall identify the source of the failure (battery, charger circuitry, or lamp load).

The Exit Sign module shall be CSA-C860 approved.
The combination unit shall be **Ready-Lite®** Model: _____ .

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

WIRE GUARDS

460.0078-RL	wall mount

TEMPERATURE CODES (CLASS I DIVISION 2)

LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT LAMP
6V-4W LED	T4A	120°C	580.0097-RL
12V-4W LED	T4A	120°C	580.0093-RL
12V-5W LED	T4A	120°C	580.0104-RL
12V-6W LED	T4	135°C	580.0106-RL

POWER CONSUMPTION

MODEL	AC SPECS		WATTAGE CAPACITY				
			30MIN	1H00	1H30	2H00	4H00
HZ36N	120/347VAC	0.15/0.06 A	36	30	20	15	-
H12Z60		0.30/0.10 A	60	40	30	20	10
H12H10		0.30/0.10 A	100	72	40	36	18

new features

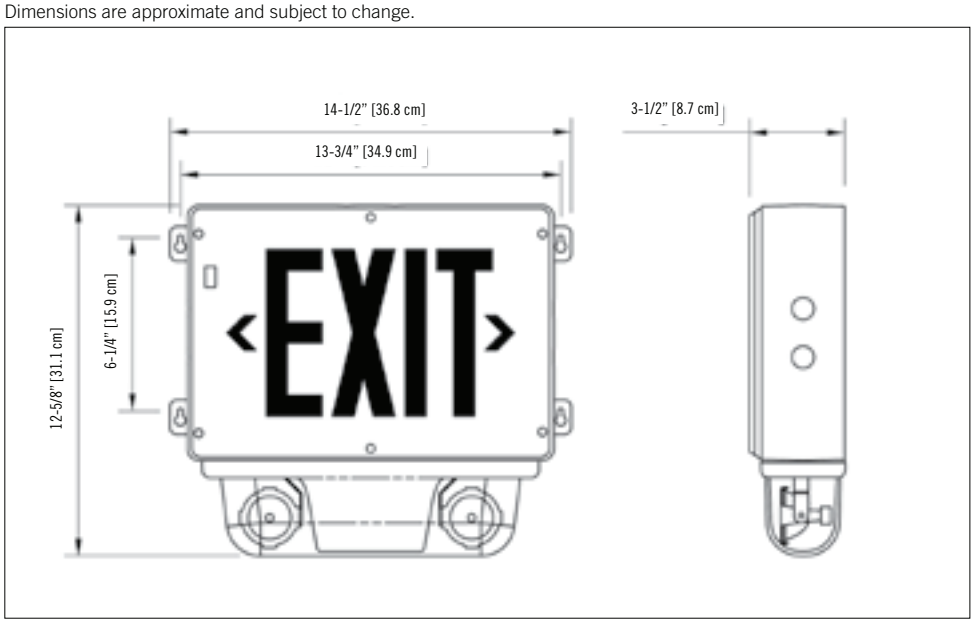
nexus® Made in Canada

HZ SERIES

LED Exit Combo, Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

CAPACITY	NUMBER OF HEADS	HEAD STYLE/ WATTAGE	HOUSING FACE COLOUR	VOLTAGE	LEGEND COLOUR	CHARGER TYPE
H12Z60= 12V-60W, Ni-Cd **H12H10**= 12V-100W, NiMH **HZ36N**= 6V-36W, Ni-Cd	**2**= two heads **Blank**= no heads[1]	**LD1**= MR16 LED, 6V-4W **LD2**= MR16 LED, 6V-5W **LD7**= MR16 LED, 12V-4W **LD9**= MR16 LED, 12V-5W **LD10**= MR16 LED, 12V-6W	**GG**= grey/grey	**Blank**= 120/347VAC **U2**= 120/277VAC	**Blank**= red legend **G**= green legend	**AD**= auto-diagnostics, audible **ADN**= auto-diagnostics, non-audible **NEX**= NEXUS® system interface[1] **NEXRF**= wireless NEXUS® system interface[1]

[1] Remote load must be connected.

[1] Not all options available with NEXUS® System. Please consult your sales representative.

EXAMPLE: HZ36N2LD2GGAD

RX SERIES

Remote Pictogram Exit Sign for Hazardous Locations
TP Series Transfer Panels

Made in Canada

FEATURES

REMOTE PICTO SIGN SERIES

- CSA Certified for use in hazardous locations:
  - Class I, Division 1, Groups, A, B, C, D
  - Class I, Division 2, Groups A, B, C, D
  - Class III, Divisions 1 and 2
- Very low Temperature Codes (see table)
- Listed CSA C22.2 No.137-M1981
- Listed CSA 22.2 No.141
- Lighting fixture of die-cast aluminum with grey epoxy powder coat finish
- Legend housing of industrial-grade 14-gauge steel with grey enamel finish
- Supplied standard with two pictogram films per face, for direction selection
- Long-life white LED light source
- Two-wire AC/DC input available in 6, 12, 24 or 120V
- Energy efficient – consumes maximum 4.0W in AC and DC mode
- Also available as Self-Powered

TP SERIES TRANSFER PANEL

- Available with housing for hazardous locations (Class 1, Division 1) or NEMA-1 housing (for use outside the hazardous location area)
- Standard AC input: 120VAC, optional: 277VAC, 347VAC
- Standard DC input: 6, 12 or 24VDC
- Two-wire output with permanently present AC/DC low voltage
- Output power: 25W, can drive up to six (6) RX Series remote pictogram exit signs

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® RX Series** remote pictogram exit signs. The lighting fixture shall have a die-cast aluminum body with grey epoxy powder coat finish and a transparent glass globe. The light source shall be long-life Light-Emitting Diodes (LED) in a lamp assembly rated __V. The LED assembly shall emit white light and shall consume less than 4W in AC or DC current. The legend housing shall be of industrial-grade 14-gauge steel with grey enamel finish. The face plate(s) shall consist of three layers: a white translucent panel, a green/clear legend film and a clear Polycarbonate panel for rigidity enforcement. Each face plate shall come standard with two legend films per face, for direction selection.

The equipment shall be certified CSA C22.2 No. 137-M1981 for Hazardous Locations: Class ____, Division ____ , Groups ____ , with the temperature code: ____.

The equipment shall be certified 22.2 No. 141

The equipment shall be **Ready-Lite®** Model: _____ .

TP SERIES TRANSFER PANEL:

Supply and install the **Ready-Lite® TP Series** transfer panel for hazardous location remote Exit Signs. The unit shall have two voltage inputs: _____ VAC and _____ VDC and shall be able to maintain an output of _____ V 25W for the permanent supply of a total of five remote LED Exit Signs.

The transfer panel shall be suitable for Class _____, Division_____, Group_____ or for a NEMA 1 environment.

The unit shall be **Ready-Lite®** Model: _____ .

POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS		DC SPECS	
AC/DC	6VAC	maximum 4W	6VDC	maximum 4W
	12VAC		12VDC	
	24VAC		24VDC	
	120VAC		120VDC	

*NOTE: Exit Signs of 6,12 or 24 V must be connected through transfer panels; maximum six Pictogram Exit Signs per panel.

1. SEVERITY CODE SELECTION GUIDE

ENVIRONMENT	SEVERITY CODE
Class I Div.1 Groups A, B	S1
Class I Div.1 Groups C, D	S2N
Class I Div.2 Groups A, B, C, D	S3
Class II Div. 1 & 2 Groups E, F, G Class III Div.1 and 2	S4

2. TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

SEVERITY CODE	S1	S2N	S3	S4
TEMPERATURE CODE	T6	T6	T4A	T6 (E, F, G)
CSA/UL RATING	maximum 85°C	maximum 85°C	maximum 85°C	maximum 85°C

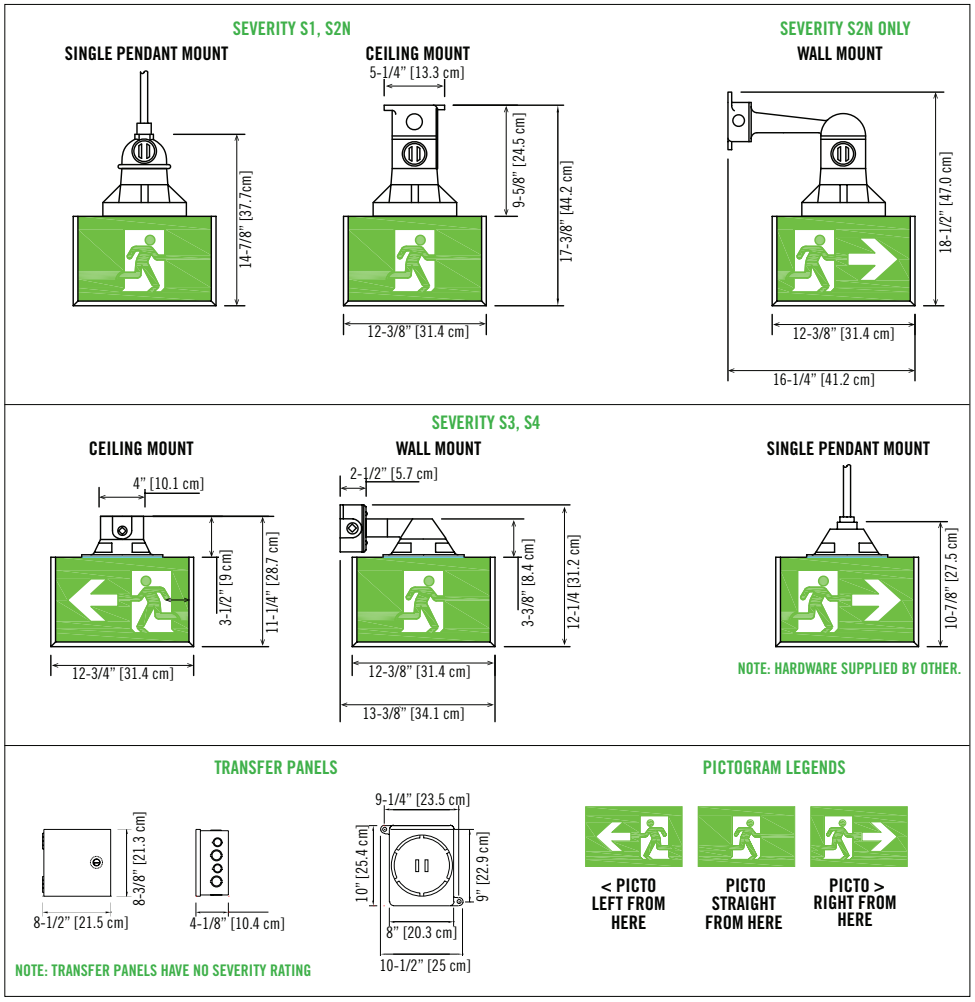
RX SERIES

Remote Pictogram Exit Sign for Hazardous Locations
TP Series Transfer Panels

Made in Canada

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

Before ordering, identify the environment of your application: Class _____, Division _____, Group _____.
Refer to table 1 for the Severity Code to use in your catalogue number. For temperature information, please see table 2.

1. RX SERIES

SERIES	NO. OF FACES	SEVERITY CODE	MOUNTING	INPUT VOLTAGE	OPTIONS
RX= hazardous locationw pictogram sign	**1**= single face **2**= double face	**S1**= Class I Div.1 Gr. A, B **S2N**= Class I Div.1 Gr. C, D **S3**= Class I Div.2 Gr. A, B, C, D **S4**= Class II Div.1&2 Gr. E, F, G Class III Div.1&2	**C**= ceiling **P**= pendant[1] **W**= wall[2] [1] Mounting hardware not included [2] Severity S2N, S3 and S4 only	**6**= 6V AC/DC **12**= 12V AC/DC **24**= 24V AC/DC **120**= 120V AC/DC	**D4**= Arrow Down 45° **D9**= Arrow Down **U4**= Arrow Up 45° **U9**= Arrow Up

EXAMPLE: RX1S1C6

2. TRANSFER PANEL

AC VOLTAGE	DC VOLTAGE	SERIES	LOAD POWER	HOUSING
120= 120VAC **277**= 277VAC **347**= 347VAC	**-6**= 6V **-12**= 12V **-24**= 24V **-120**= 120V	**-TP**= transfer panel	**-25**= 25W[1] [1] 4W required per DC "Pictogram Exit" load	**Blank**= NEMA1 **XP**= hazardous locations

EXAMPLE: 120-6-TP-25

Unlike EXIT signs, the pictogram sign is not available in double arrow configuration.

LDX-EXP-P LED SERIES

Battery Units, Self-Powered Pictogram Exit Signs & Combination Units

new product

Made in Canada

CSA CERTIFIED FOR USE IN HAZARDOUS LOCATIONS

The **LDX-EXP-P LED Series** of battery equipment is designed to cover emergency lighting applications for the entire spectrum of hazardous locations, where inflammable gases, vapors, liquids, dust particles or fabrics tissues are permanently present or are likely to exist.

The **LDX-EXP-P LED Series** combines in one simple-to-order catalogue family three traditional emergency lighting products with battery back-up: battery units with emergency lights, Self-Powered Pictogram Signs, and combination units with emergency lights and Pictogram Sign. The equipment is also available with additional emergency power capacity to drive remote heads and Pictogram Signs.

FEATURES

- CSA Certified for use in hazardous locations:
  - Class I, Division 1, Groups B, C, D
  - Class I, Division 2, Groups A, B, C, D
  - Class II, Divisions 1 and 2, Groups E, F, G
  - Class III, Divisions 1 and 2
- For wall mount only
- Die-Cast aluminum body with grey epoxy powder coat finish; clear, impact and heat resistant prismatic glass globe
- Long-life, maintenance-free Lead-Calcium battery
- Battery charger is current limited, temperature compensated, short-circuit proof and reverse polarity protected
- Emergency heads with one or twin lamp design
- Large Self-Powered combo includes a transfer circuit to drive an additional three (3) remote pictogram exit signs (total power max 15W)
- Easy-to-build catalogue number based on the **Ready-Lite®** Severity Codes
- Meets or exceeds CSA C22.2 No.141-10 & No. 137

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® LDX-EXP-P LED Series** of hazardous location battery equipment. The battery unit housing will be constructed of die cast aluminum with grey epoxy powder coat finish and equipped with heavy-duty key holes for wall mount. The equipment shall be rated for 120, 277 or 347V, 60 Hz input and be CSA listed. The equipment shall have an output of _____ V and _____ W and shall supply the rated load for a minimum of a 1/2 hour to 87,5% of the rated battery voltage. The battery shall be a long-life, maintenance-free lead-calcium type. The charger shall be fully computer tested and have its charge voltage set in the factory to ± 1% tolerance. The charger shall be current limited, temperature compensated, short circuit proof and reverse polarity protected. The charger shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit.

Where required the equipment shall come complete with _____ heads, each of them equipped with _____ lamp(s) of _____ W.

The head housing shall be Die-Cast aluminum with grey epoxy powder coat finish. The lenses shall be a clear, impact and heat resistant prismatic glass globe. The head shall be factory sealed, with no need for external seals.

Where required the equipment shall come complete with one Pictogram Exit Sign and will include a transfer circuit to maintain the Pictogram Sign permanently lighting in both normal and emergency operation. The picto housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty 14-gauge steel.

The equipment shall be certified CSA C22.2 No.137-M1981 for Hazardous Locations:

Class _____, Division _____, Group ____ with the temperature code _____.

The Pictogram Exit Sign shall be CSA C22.2 No.141-10 certified.

The equipment shall be **Ready-Lite®** Model: _____ .

POWER CONSUMPTION AND UNIT RATING

UNIT CAPACITY	INPUT VOLTAGE	INPUT RATING	WATTAGE CAPACITY				
			30MIN	1 H	1.5 H	2 H	4 H
12V-72W*	120V, 60Hz	0.25A, 25W	72	36	25	20	10
	277V, 60Hz	0.125A, 28W					
	347V, 60 Hz	0.115A, 28W					
12V-120W	120V, 60Hz	0.45A, 37W	120	60	40	30	15
	277V, 60Hz	0.209A, 42W					
	347V, 60 Hz	0.176A, 42W					
24V-144W	120V, 60Hz	0.465A, 38W	144	72	50	40	20
	277V, 60Hz	0.208A, 42W					
	347V, 60 Hz	0.178A, 42W					

NOTE: Combo, no remote Exit capability.

TEMPERATURE CODES FOR LDX SERIES (BATTERY & PICTOGRAM COMBINATION UNITS)

SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

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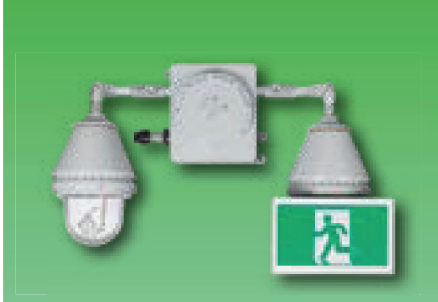


LDX-EXP-P LED SERIES

Battery Units, Self-Powered Pictogram Exit Signs & Combination Units

TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

Explosion-proof equipment is composed of one or more modules, each of them qualified for a specific temperature code. The temperature code of the complete equipment (enclosure + picto sign + emergency heads) is defined as the most severe of the temperature codes identified for each of the modules below.

TEMPERATURE CODES FOR LDX-EXP-P SERIES (BATTERY UNIT ENCLOSURE)

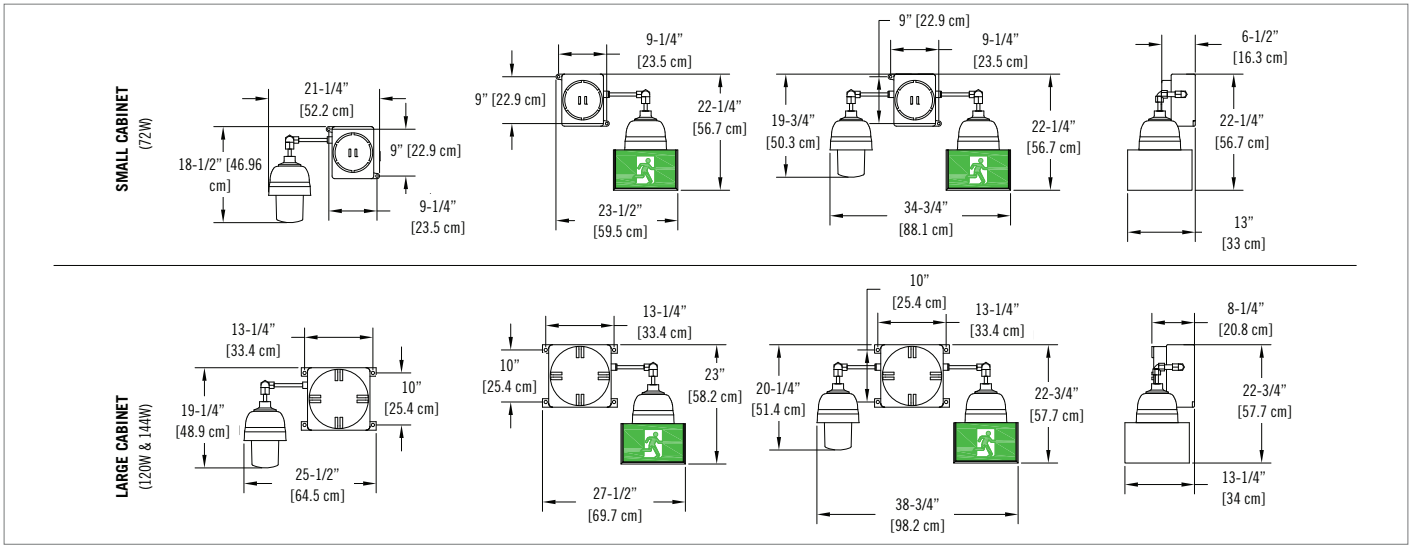
SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

SEVERITY CODE SELECTION CHART

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1 & 2, Gr. B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. A, B, C, D	S3
Cl. II, Div. 1 & 2, Gr. E, F, G & Cl. III	S4

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING CHART

DC VOLTAGE	CAPACITY	SERIES	LIGHTING HEAD STYLE	SEVERITY CODE	LAMP TYPE, VOLTAGE AND POWER	SIGN/FACE	AC VOLTAGE	OPTIONS
LDX12= 12V	**72**= 72W[1] **120**= 120W	**X**= Hazardous location	**11**= Single remote, 1 lamp **12**= Single remote, 2 lamps **21**= Double remote, 1 lamp each[1] **Blank**= no heads	**S1**= Cl.I, Div.1&2, Gr.B **S2**= Cl.I, Div.1, Gr. C, D **S3**= Cl.I, Div.2, Gr. A, B, C, D **S4**= Cl.II, Div.1&2, Gr. E, F, G & CLIII	**Blank**= no lamp **LD7**= 12V-4W MR16 LED **LD9**= 12V-5W MR16 LED **LD10**= 12V-6W MR16 LED **LD13**= 24V-4W MR16 LED	**Blank**= No sign **P1**= Single face LED Pictogram **P2**= Double face LED Pictogram	**Blank**= 120VAC **U277**= 277VAC input **U347**= 347VAC input	**Blank**= No options **D3**= Time delay (15 minutes) **D4**= Arrow Down 45° **D9**= Arrow Down **TP**= Transfer panel[1] **U4**= Arrow Up 45° **U9**= Arrow Up
LDX24= 24V	**144**= 144W							

[1] Combo, no remote Exit sign capability.

[1] Not available with Pictogram sign.

[1] Not available with 12V-72W.

EXAMPLE: LDX1272X11S1LD7

RFX-EX SERIES

Hazardous Location Exit Sign
TP Series Transfer Panels

Made in Canada

FEATURES

REMOTE EXIT SIGN SERIES

- CSA Certified for use in hazardous locations:
  - Class I, Divisions 1, Groups A, B, C, D
  - Class II, Divisions 2, Groups A, B, C, D
  - Class III, Divisions 1 and 2
- Die-Cast aluminum body with grey epoxy powder coat finish
- Exit housing and faceplate made of industrial-grade 14-gauge steel and finished in grey enamel
- Faceplate features universal knockout chevrons
- Two-wire input circuit for both AC and DC inputs
- Available in 6, 12, 24 and 120VAC/DC
- LED lamp with **ALINGAP** LEDs; consumes less than 5W in AC and DC mode
- New, easy-to-build catalogue number based on the **Ready-Lite®** Severity Codes
- Listed CSA C22.2 No. 137-M1981
- Listed CSA 22.2 No. 141
- Also available as Self-Powered Exit Sign, battery unit and combo unit; see **LDX-EXP** catalogue sheet

TP SERIES TRANSFER PANEL

- Available with explosion-proof housing (Class 1, Division 1) or NEMA-1 housing (for use outside the hazardous location area)
- Standard AC input: 120VAC, optional 277VAC, 347VAC; standard DC input: 6, 12 or 24VDC
- Two-wire output with permanently present AC/DC low voltage
- Output power: 25W, can drive up to five (5) **RFX-EX** series remote exit signs

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® RFX-EX Series** remote Exit Sign. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty 14-gauge steel and feature universal knockout chevrons and the red letters shall not be less than 6" in height with a 3/4" stroke. The sign shall come complete with a _____ Volt LED lamp, and function from one voltage source only, in AC and DC current. The LED Lamp shall use **ALINGAP** LEDs and shall consume less than 5W in either AC or DC current.

The equipment shall be certified CSA C22.2 No. 137-M1981 for Hazardous Locations: Class ____, Division ____ , Groups ____ , with the temperature code: ____.

The equipment shall be certified 22.2 No. 141

The Exit Sign shall be **Ready-Lite®** Model: _____ .

TP SERIES TRANSFER PANEL:

Supply and install the **Ready-Lite® TP Series** transfer panel for hazardous location remote Exit Signs. The unit shall have two voltage inputs: _____ VAC and _____ VDC and shall be able to maintain an output of _____ V 25W for the permanent supply of a total of five remote LED Exit Signs.

The transfer panel shall be suitable for Class _____, Division_____, Group_____ or for a NEMA 1 environment.

The unit shall be **Ready-Lite®** Model: _____ .

POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS		DC SPECS	
AC/DC red two-wire	6VAC	less than 5W	6VDC	less than 5W
	12VAC		12VDC	
	24VAC		24VDC	
	120VAC		120VDC	

*NOTE: Exit Signs of 6,12 or 24 V must be connected through transfer panels; maximum five Exit Signs per panel.

1. SEVERITY CODE SELECTION GUIDE

ENVIRONMENT	SEVERITY CODE
Class I Div.1 Groups A, B	S1
Class I Div.1 Groups C, D	S2N
Class I Div.2 Groups A, B, C, D	S3
Class II Div. 1 & 2 Groups E, F, G Class III Div.1 and 2	S4

2. TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

SEVERITY CODE	S1	S2N	S3	S4
TEMPERATURE CODE	T6	T6	T4A	T6 (E, F, G)
CSA/UL RATING	maximum 85°C	maximum 85°C	maximum 85°C	maximum 85°C

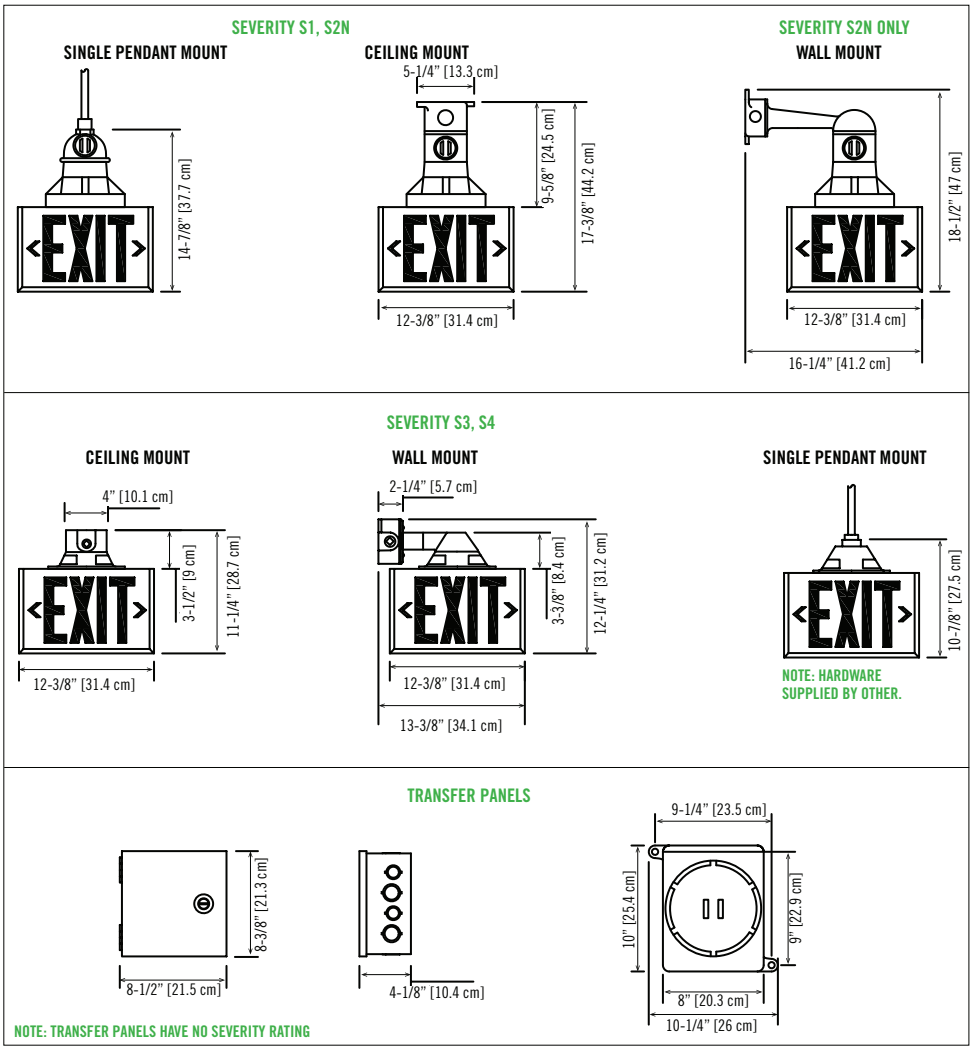
RFX-EX SERIES

Hazardous Location Exit Sign
TP Series Transfer Panels

Made in Canada

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

Before ordering, identify the environment of your application: Class _____, Division _____, Group _____.
Refer to table 1 for the Severity Code to use in your catalogue number. For temperature information, please see table 2.

3. RFX-EX

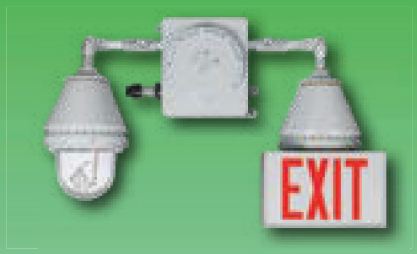
SERIES	SEVERITY CODE	MOUNTING	VOLTAGE
RFX-EXDF= exit double face C860 LED **RFX-EXSF**= exit single face C860 LED	**S1**= CL.I, Div.1, Gr. A, B **S2N**= CL.I, Div.1, Gr. C, D **S3**= CL.I, Div.2, Gr. A, B, C, D **S4**= CL.II, Div.1 & 2, Gr. E, F, G, CL.III, Div. 1 & 2	**C**= ceiling **P**= pendant[1] **W**= wall[2] [1] Mounting hardware not included [2] Severity S2N, S3 and S4 only	**-6**= 6V **-12**= 12V **-24**= 24V **-120**= 120V

EXAMPLE: RFX-EXSFS1C-6

4. TRANSFER PANEL

AC VOLTAGE	DC VOLTAGE	SERIES	LOAD WATTAGE	HOUSING
120= 120VAC **277**= 277VAC **347**= 347VAC	**-6**= 6V **-12**= 12V **-24**= 24V **-120**= 120V	**-TP**= transfer panel	**-25**= 25W[1] [1] 5 W required per DC "Exit" load	**Blank**= NEMA 1 **XP**= hazardous locations

EXAMPLE: 120-6-TP-25



LDX-EXP-E LED SERIES

Battery Units, Self-Powered Exit Signs & Combination Units

new product

Made in Canada

CSA CERTIFIED FOR USE IN HAZARDOUS LOCATIONS

The **LDX-EXP-E LED Series** of battery equipment is designed to cover emergency lighting applications for the entire spectrum of hazardous locations, where inflammable gases, vapors, liquids, dust particles or fabrics tissues are permanently present or are likely to exist.

The **LDX-EXP-E LED Series** combines in one simple-to-order catalogue family three traditional emergency lighting products with battery back-up: battery units with emergency lights, Self-Powered Exit Signs, and combination units with emergency lights and Exit Sign. The equipment is also available with additional emergency power capacity to drive remote heads and Exit Signs.

FEATURES

- CSA Certified for use in hazardous locations:
  - Class I, Division 1, Groups B, C, D
  - Class I, Division 2, Groups A, B, C, D
  - Class II, Divisions 1 and 2, Groups E, F, G
  - Class III, Divisions 1 and 2
- For wall mount only
- Die-Cast aluminum body with grey epoxy powder coat finish; clear, impact and heat resistant prismatic glass globe
- Long-life, maintenance-free Lead-Calcium battery
- Battery charger is current limited, temperature compensated, short-circuit proof and reverse polarity protected
- Emergency heads with one or twin lamp design
- Large Self-Powered combo includes a transfer circuit to drive an additional three (3) remote pictogram exit signs (total power max 15W)
- Easy-to-build catalogue number based on the **Ready-Lite®** Severity Codes
- Meets or exceeds CSA C22.2 No.141-10 & No. 137

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® LDX-EXP-E LED Series** of hazardous location battery equipment. The battery unit housing will be constructed of die cast aluminum with grey epoxy powder coat finish and equipped with heavyduty key holes for wall mounting. The equipment shall be rated for 120, 277 or 347V, 60 Hz input and be CSA listed. The equipment shall have an output of _____ V and _____ W and shall supply the rated load for a minimum of a 1/2 hour to 87,5% of the rated battery voltage. The battery shall be a long-life, maintenance-free lead-calcium type. The charger shall be fully computer tested and have its charge voltage set in the factory to ± 1% tolerance. The charger shall be current limited, temperature compensated, shortcircuit proof and reverse polarity protected. The charger shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit.

Where required the equipment shall come complete with _____ heads, each of them equipped with _____ lamp(s) of _____ W.

The head housing shall be Die-Cast aluminum with grey epoxy powder coat finish. The lenses shall be a clear, impact and heat resistant prismatic glass globe. The head shall be factory sealed, with no need for external seals.

Where required the equipment shall come complete with one Exit Sign and will include a transfer circuit to maintain the Exit Sign permanently lighting in both normal and emergency operation. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty 14-gauge steel.

The equipment shall be certified CSA C22.2 No.137-M1981 for Hazardous Locations:

Class ____, Division ____, Group ____.

The Pictogram Exit Sign shall be CSA C22.2 No.141-10 certified.

The equipment shall be **Ready-Lite®** Model: _____ .

POWER CONSUMPTION AND UNIT RATING

UNIT CAPACITY	INPUT VOLTAGE	INPUT RATING	WATTAGE CAPACITY				
			30MIN	1 H	1.5 H	2 H	4 H
12V-72W*	120V, 60Hz	0.25A, 25W	72	36	25	20	10
	277V, 60Hz	0.125A, 28W					
	347V, 60 Hz	0.115A, 28W					
12V-120W	120V, 60Hz	0.45A, 37W	120	60	40	30	15
	277V, 60Hz	0.209A, 42W					
	347V, 60 Hz	0.176A, 42W					
24V-144W	120V, 60Hz	0.465A, 38W	144	72	50	40	20
	277V, 60Hz	0.208A, 42W					
	347V, 60 Hz	0.178A, 42W					

NOTE: Combo, no remote Exit capability.

TEMPERATURE CODES FOR LDX SERIES (BATTERY & EXIT COMBINATION UNITS)

SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

new product

Made in Canada

LDX-EXP-E LED SERIES

Battery Units, Self-Powered Exit Signs & Combination Units

TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

Explosion-proof equipment is composed of one or more modules, each of them qualified for a specific temperature code. The temperature code of the complete equipment (enclosure + exit sign + emergency heads) is defined as the most severe of the temperature codes identified for each of the modules below.

TEMPERATURE CODES FOR LDX-EXP-P SERIES (BATTERY UNIT ENCLOSURE)

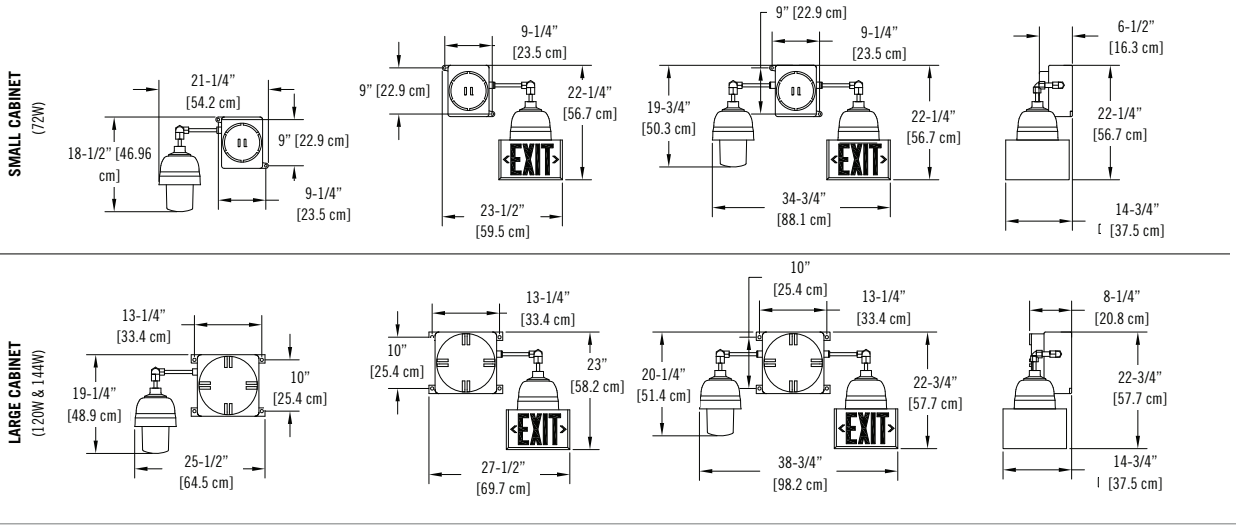
SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

SEVERITY CODE SELECTION CHART

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1 & 2, Gr. B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. A, B, C, D	S3
Cl. II, Div. 1 & 2, Gr. E, F, G & Cl. III	S4

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING CHART

DC VOLTAGE	CAPACITY	SERIES	LIGHTING HEAD STYLE	SEVERITY CODE	LAMP TYPE, VOLTAGE AND POWER	SIGN/FACE	AC VOLTAGE	OPTIONS
LDX12= 12V	**-72**= 72W[1] **-120**= 120W	**EXP**= Hazardous location	**/11**= Single remote, 1 lamp **/12**= Single remote, 2 lamps **/21**= Double remote, 1 lamp each[1] **Blank**= no heads	**S1**= Cl.I, Div.1&2, Gr.B **S2**= Cl.I, Div.1, Gr. C, D **S3**= Cl.I, Div.2, Gr. A, B, C, D **S4**= Cl.II, Div.1&2, Gr. E, F, G & CLIII	**Blank**= no lamp **LD7**= 12V-4W MR16 LED **LD9**= 12V-5W MR16 LED **LD10**= 12V-6W MR16 LED **LD13**= 24V-4W MR16 LED	**Blank**= No sign **E1**= Single face LED Exit sign **E2**= Double face LED Exit sign	**Blank**= 120VAC **U277**= 277VAC input **U347**= 347VAC input	**Blank**= No options **D3**= Time delay (15 minutes) **TP**= Transfer panel[1]
LDX24= 24V	**-144**= 144W							

[1] Combo, no remote Exit sign capability.

[1] Not available with Exit sign.

[1] Not available with 12V-72W.

EXAMPLE: LDX12-72EXP/11S1LD7E1

RFX-CS SERIES

"Sortie" Sign and Transfer Panels for Hazardous Locations

Made in Canada

FEATURES

REMOTE SORTIE SIGN SERIES

- CSA certified for use in hazardous locations:
  - Class I, Divisions 1, Groups A, B, C, D
  - Class II, Divisions 2, Groups A, B, C, D
  - Class III, Divisions 1 and 2
- Die-Cast aluminum body with grey epoxy powder coat finish
- Sortie Sign housing and faceplate made of 14-gauge steel, grey enamel finish
- Faceplate features universal directional chevrons (knockouts)
- Two-wire circuit for both AC and DC inputs
- Available in 6, 12, 24 and 120VAC/DC
- Light source is **ALINGAP** LEDs; consumes less than 5W in AC or DC mode
- New, easy-to-build catalog number based on the **Ready-Lite®** severity codes
- Listed CSA C22.2 No. 137-M1981
- Listed CSA 22.2 No. 141
- Also available as Self-Powered Exit Sign, battery unit and combo unit; see **LDX-EXP-S** catalogue sheet

TP SERIES TRANSFER PANEL

- Available with housing for hazardous locations (Class 1, Division 1) or NEMA-1 housing (for use outside the hazardous location area)
- Standard AC input: 120VAC, optional: 277VAC, 347VAC
- Standard DC input: 6, 12 or 24VDC
- Two-wire output with permanently present AC/DC low voltage
- Output power: 25W, can drive up to five (5) remote units Series **RFX-CS**

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® RFX-CS Series** remote "SORTIE" sign. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty _____ 14-gauge steel and feature universal knockout chevrons and the red letters shall not be less than 6" in height with a 3/4" stroke. The sign shall come complete with a _____ Volt LED lamp, and function from one voltage source only, in AC and DC current. The LED Lamp shall use **ALINGAP** LEDs and shall consume less than 5W in either AC or DC current.

The equipment shall be certified CSA C22.2 No. 137-M1981 for Hazardous Locations: Class ____, Division ____ , Groups ____ , with the temperature code: ____.

The equipment shall be certified 22.2 No. 141

The Sortie Sign shall be **Ready-Lite®** Model: _____ .

TP SERIES TRANSFER PANEL:

Supply and install the **Ready-Lite® TP Series** transfer panel for hazardous location remote Exit Signs. The unit shall have two voltage inputs: _____ VAC and _____ VDC and shall be able to maintain an output of _____ V 25W for the permanent supply of a total of five remote LED Exit Signs.

The transfer switch shall be suitable for Class _____ , Division, Group ____, or for a NEMA 1 environment.

The unit shall be **Ready-Lite®** Model: _____.

POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS		DC SPECS	
AC/DC red two-wire	6VAC	less than 5W	6VDC	less than 5W
	12VAC		12VDC	
	24VAC		24VDC	
	120VAC		120VDC	

*NOTE: SORTIE signs of 6,12 or 24 V must be connected through transfer panel; maximum five sortie signs per panel.

1. SEVERITY CODE SELECTION GUIDE

ENVIRONMENT	SEVERITY CODE
Class I Div.1 Groups A, B	S1
Class I Div.1 Groups C, D	S2N
Class I Div.2 Groups A, B, C, D	S3
Class II Div. 1 & 2 Groups E, F, G Class III Div.1 and 2	S4

2. TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

SEVERITY CODE	S1	S2N	S3	S4
TEMPERATURE CODE	T6	T6	T4A	T6 (E, F, G)
CSA/UL RATING	maximum 85°C	maximum 85°C	maximum 85°C	maximum 85°C

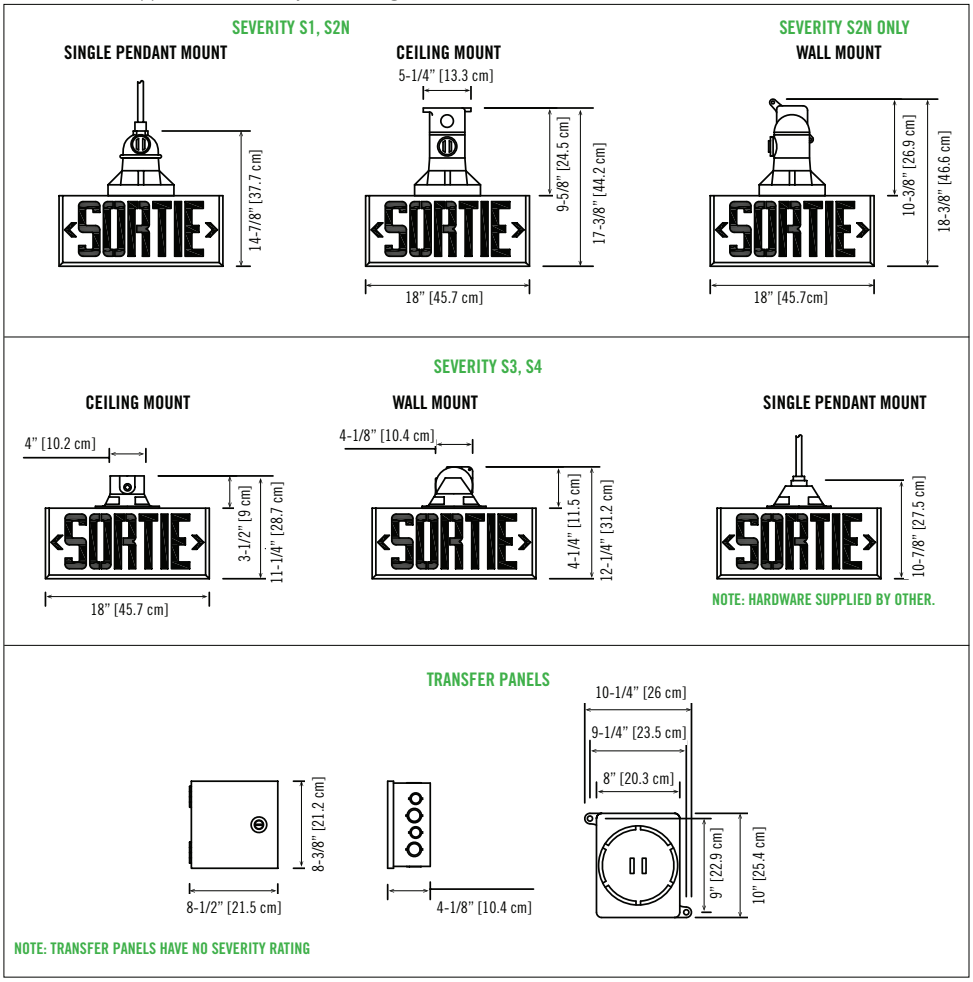
RFX-CS SERIES

"Sortie" Sign and Transfer Panels for Hazardous Locations

Made in Canada

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

Before ordering, identify the environment of your application: Class _____, Division _____, Group _____ .
Refer to table 1 for the Severity Code to use in your catalogue number. For temperature information, please see table 2.

3. RFX-CS

SERIES	SEVERITY CODE	MOUNTING	VOLTAGE
RFX-CSDF= sortie double face **RFX-CSSF**= sortie single face	**S1**= CL.I, Div.1&2, Gr. A, B **S2N**= CL.I, Div.1&2, Gr. C, D **S3**= CL.I, Div.2, Gr. A, B, C, D **S4**= CL.II, Div.1, & 2 Gr.E, F, G CL.III, Div.1 & 2	**C**= ceiling **P**= pendant[1] **W**= wall[2] [1] Mounting hardware not included [2] Wall mount only available for severities S2N, S3 and S4, single face.	**6**= 6V **12**= 12V **24**= 24V **120**= 120V

EXAMPLE: RFX-CSSFS1C6

4. TRANSFER PANEL

AC VOLTAGE	DC VOLTAGE	SERIES	LOAD WATTAGE	HOUSING
120= 120VAC **277**= 277VAC **347**= 347VAC	**-6**= 6V **-12**= 12V **-24**= 24V **-120**= 24V	**-TP**= transfer panel	**-25**= 25W[1] [1] 5W required per DC "Sortie" load	**Blank**= NEMA 1 **XP**= hazardous locations

EXAMPLE: 120-6-TP-25XP

LDX-EXP-S LED SERIES

Battery Units, Self-Powered "Sortie" Signs & Combination Units

new product

Made in Canada

CSA CERTIFIED FOR USE IN HAZARDOUS LOCATIONS

The **LDX-EXP-S LED Series** of battery equipment is designed to cover emergency lighting applications for the entire spectrum of hazardous locations, where inflammable gases, vapors, liquids, dust particles or fabrics tissues are permanently present or are likely to exist.

The **LDX-EXP-S LED Series** combines in one simple-to-order catalogue family three traditional emergency lighting products with battery back-up: battery units with emergency lights, Self-Powered Sortie Signs, and combination units with emergency lights and Sortie Sign. The equipment is also available with additional emergency power capacity to drive remote heads and Sortie Signs.

FEATURES

- CSA Certified for use in hazardous locations:
  - Class I, Division 1, Groups B, C, D
  - Class I, Division 2, Groups A, B, C, D
  - Class II, Divisions 1 and 2, Groups E, F, G
  - Class III, Divisions 1 and 2
- For wall mount only
- Die-Cast aluminum body with grey epoxy powder coat finish; clear, impact and heat resistant prismatic glass globe
- Long-life, maintenance-free Lead-Calcium battery
- Battery charger is current limited, temperature compensated, short-circuit proof and reverse polarity protected
- Emergency heads with one or twin lamp design
- Large Self-Powered combo includes a transfer circuit to drive an additional three (3) remote pictogram exit signs (total power max 15W)
- Easy-to-build catalogue number based on the **Ready-Lite®** Severity Codes
- Meets or exceeds CSA C22.2 No.141-10 & No. 137

See warranty details at: www.tnb.ca/en/brands/ready-lite

TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® LDX-EXP-S LED Series** of hazardous location battery equipment. The battery unit housing will be constructed of die cast aluminum with grey epoxy powder coat finish and equipped with heavyduty key holes for wall mounting. The equipment shall be rated for 120, 277 or 347V, 60 Hz input and be CSA listed. The equipment shall have an output of _____ V and _____ W and shall supply the rated load for a minimum of a 1/2 hour to 87,5% of the rated battery voltage. The battery shall be a long-life, maintenance-free lead-calcium type. The charger shall be fully computer tested and have its charge voltage set in the factory to ± 1% tolerance. The charger shall be current limited, temperature compensated, shortcircuit proof and reverse polarity protected. The charger shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit.

Where required the equipment shall come complete with _____ heads, each of them equipped with _____ lamp(s) of _____ W.

The head housing shall be Die-Cast aluminum with grey epoxy powder coat finish. The lenses shall be a clear, impact and heat resistant prismatic glass globe. The head shall be factory sealed, with no need for external seals.

Where required the equipment shall come complete with one Exit Sign and will include a transfer circuit to maintain the Exit Sign permanently lighting in both normal and emergency operation. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty 14-gauge steel.

The equipment shall be certified CSA C22.2 No.137-M1981 for Hazardous Locations:

Class ____, Division ____, Group ____.

The Pictogram Exit Sign shall be CSA C22.2 No.141-10 certified.

The equipment shall be **Ready-Lite®** Model: _____ .

POWER CONSUMPTION AND UNIT RATING

UNIT CAPACITY	INPUT VOLTAGE	INPUT RATING	WATTAGE CAPACITY				
			30MIN	1 H	1.5 H	2 H	4 H
12V-72W*	120V, 60Hz	0.25A, 25W	72	36	25	20	10
	277V, 60Hz	0.125A, 28W					
	347V, 60 Hz	0.115A, 28W					
12V-120W	120V, 60Hz	0.45A, 37W	120	60	40	30	15
	277V, 60Hz	0.209A, 42W					
	347V, 60 Hz	0.176A, 42W					
24V-144W	120V, 60Hz	0.465A, 38W	144	72	50	40	20
	277V, 60Hz	0.208A, 42W					
	347V, 60 Hz	0.178A, 42W					

NOTE: Combo, no remote Sortie capability.

TEMPERATURE CODES FOR LDX SERIES (BATTERY & SORTIE COMBINATION UNITS)

SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

new product

Made in Canada

LDX-EXP-S LED SERIES

Battery Units, Self-Powered "Sortie" Signs & Combination Units

TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

Explosion-proof equipment is composed of one or more modules, each of them qualified for a specific temperature code. The temperature code of the complete equipment (enclosure + sortie sign + emergency heads) is defined as the most severe of the temperature codes identified for each of the modules below.

TEMPERATURE CODES FOR LDX-EXP-P SERIES (BATTERY UNIT ENCLOSURE)

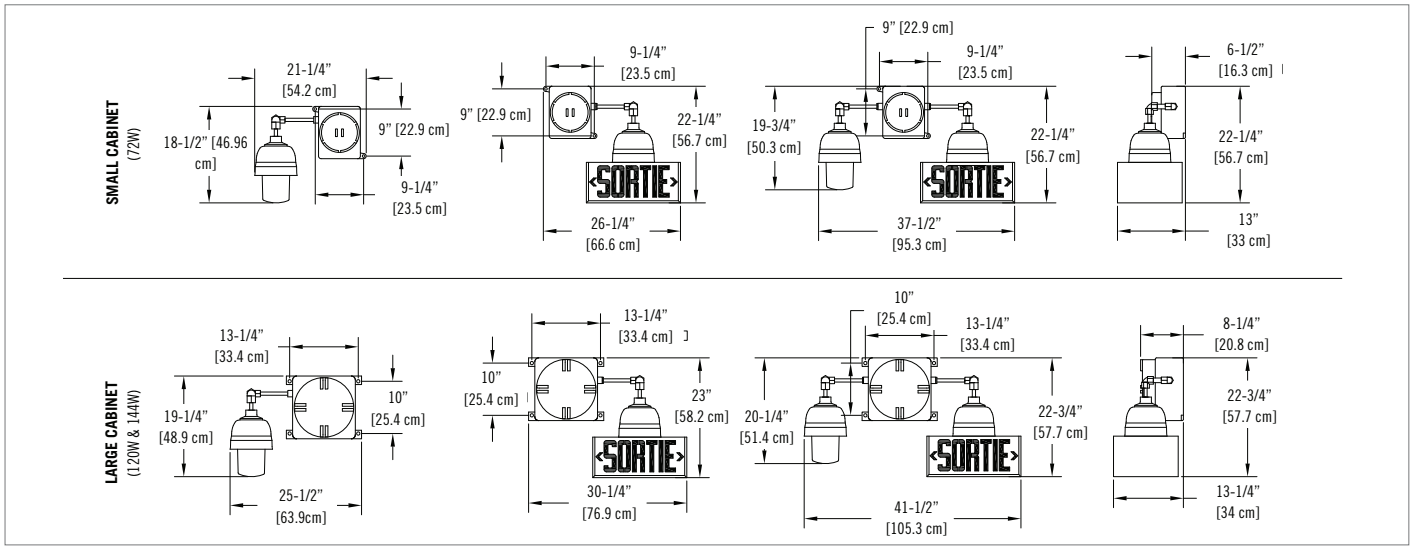
SEVERITY CODE	S1	S2	S3	S4
TEMPERATURE CODE	T6 85°C (185°F)	T6 85°C (185°F)	T6 120°C (248°F)	T6 85°C (185°F)

SEVERITY CODE SELECTION CHART

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1 & 2, Gr. B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. A, B, C, D	S3
Cl. II, Div. 1 & 2, Gr. E, F, G & Cl. III	S4

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING CHART

DC VOLTAGE	CAPACITY	SERIES	LIGHTING HEAD STYLE	SEVERITY CODE	LAMP TYPE, VOLTAGE AND POWER	SIGN/FACE	AC VOLTAGE	OPTIONS
LDX12= 12V	**-72**= 72W[1] **-120**= 120W	**EXP**= Hazardous location	**/11**= Single remote, 1 lamp **/12**= Single remote, 2 lamps **/21**= Double remote, 1 lamp each[1] **Blank**= no heads	**S1**= Cl.I, Div.1&2, Gr.B **S2**= Cl.I, Div.1, Gr. C, D **S3**= Cl.I, Div.2, Gr. A, B, C, D **S4**= Cl.II, Div.1&2, Gr. E, F, G & CLIII	**Blank**= no lamp **LD7**= 12V-4W MR16 LED **LD9**= 12V-5W MR16 LED **LD10**= 12V-6W MR16 LED **LD13**= 24V-4W MR16 LED	**Blank**= No sign **S1**= Single face LED Sortie sign **S2**= Double face LED Sortie sign	**Blank**= 120VAC **U277**= 277VAC input **U347**= 347VAC input	**Blank**= No options **D3**= Time delay (15 minutes) **TP**= Transfer panel[1]
LDX24= 24V	**-144**= 144W							

[1] Combo, no remote Exit sign capability.

[1] Not available with Sortie sign.

[1] Not available with 12V-72W.

EXAMPLE: LDX12-72EXP/11S1LD7S1

RHZ SERIES

High-performance unit equipment for hazardous locations. Class I, Div. 2; Groups A, B, C & D, Class II Div 2; Groups F & G Class III

new product

nexus® c UL Made in Canada

FEATURES

- Evaluated to CSA C22.2 No.141 15 and No.137-M1981 for use in hazardous locations: Class I Division 2, Groups A, B, C and D; Class II Division 2, Groups F and G and Class III
- Nema-4X protection grade against liquids and dust
- Fiberglass light-grey housing with captive screws; stainless steel hardware
- High ambient temperature up to 50°C (122°F); optional cold-weather -40°C to 50°C (-40°F to 122°F)
- High-temperature Lead-Calcium battery
- High-efficacy LED emergency heads outperform traditional 50W halogen lamps.
- Innovative lamp design: four-LED and dual-driver provide illumination even in case of unexpected component failure
- Compact size: 0.46 cubic feet
- Simple and easy to install on walls, columns or struts on vertical position. For installation on columns use mounting bracket catalogue number: PMK1-R (order separately) *See warning in installation drawing below
- Standard infra-red remote control included in all models: allows testing the equipment without the need to climb a ladder. Distance range up to 30 ft. Universal, one Remote Control may test all the units on the job.
- Optional Audible or Non-Audible Auto-Diagnostic
- Optional Nexus® central monitoring system
- Advanced diagnostics capabilities (specific load requirements)
- 1 Year limited warranty

See warranty details at: www.tnb.ca/en/brands/ready-lite

REMOTE TEST CONTROL

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® RHZ Series** of battery unit equipment. The unit enclosure shall have a compression-molded fiberglass construction and shall be equipped with a hinged, overlapping cover. The cover shall include a 3/16" wide rubber gasket and shall fasten with two stainless-steel captive screws. The enclosure shall have lateral flanges with holes for easy installation on the wall and shall include two entries for vertical and horizontal conduit and wire access. The installation kit shall include two cable glands of size 1/2" NPT, rated for hazardous locations. The emergency lighting heads shall be installed at the bottom of the cabinet and have the electrical cable passing through the swivel via water-tight bushings. The heads shall be made of die-cast aluminum and have a flat square lens made of UV-stabilized clear polycarbonate. The lens shall be sealed with a rubber gasket and be fixed with an aluminum frame and 6 (six) tamper-proof screws. Each head shall include four (4) LED lamps and two independent LED drivers with electrical connections allowing for lighting even in case of unexpected component failure. Each emergency head shall have an input voltage range of 12 – 24Vdc and a constant power regulation, providing stable illumination during variations of the battery discharge voltage.

When specified, the unit equipment with Auto-Diagnostic option shall execute automatic tests for one minute every 30 days, 10 minutes every sixth month and 30 minutes every 12 months. In case of a functional failure detection: the unit equipment pilot light shall change color from green to red and signal a service alarm with specific flashing codes: battery or lamp disconnect, battery failure, charger failure, lamp failure, or heater failure (cold-weather option). A label installed near the pilot light shall contain the legend with diagnostic codes. The unit equipment shall come standard with an infrared remote test control.

The unit equipment shall be rated NEMA-4X for hose-down applications. The equipment shall be cUL listed to CSA22.2 Standard No.141-15 and No.137-M1981 for hazardous locations: Class I Division 2, Groups A, B, C and D; Class II Division 2, Groups F and G and Class III.

The unit shall be **Ready-Lite®** model: _____.

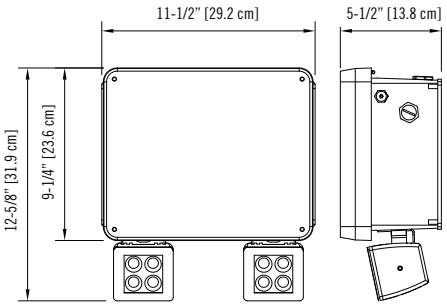
POWER CONSUMPTION AND UNIT RATING

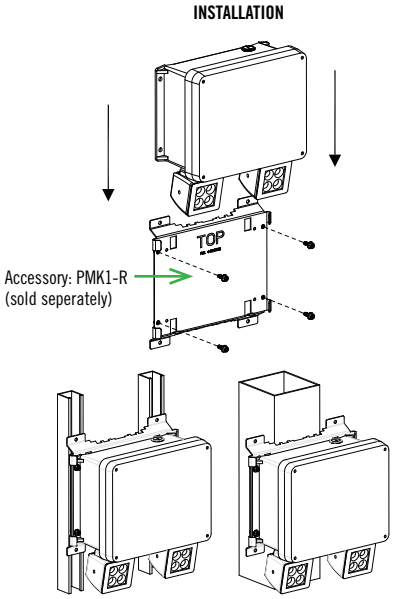
MODEL	AC SPECS			WATTAGE CAPACITY				
	120VAC	277VAC	347VAC	30MIN	1H00	1H30	2H00*	4H00*
1275	0.20A	0.10A	0.07A	75	40	30	24	15
24150	0.37A	0.18A	0.12A	150	80	90	48	30
1275-CW	0.40A	0.25A	0.15A	75	40	30	N/A*	N/A*
24150-CW	0.50A	0.25A	0.20A	150	80	90	N/A*	N/A*

*Note: the cold-weather

DIMENSIONS

Dimensions are approximate and subject to change.





*WARNING: Mounting column must be anchored at both ends: floor and ceiling.

new product

nexus® c UL Made in Canada

RHZ SERIES

High-performance unit equipment for hazardous locations. Class I, Div. 2; Groups A, B, C & D, Class II Div 2; Groups F & G Class III

CLASSIFICATION FOR HAZARDOUS LOCATIONS

TYPE OF EMERGENCY HEADS	CLASSIFICATION	TEMPERATURE CODE	
		TA = 40°C	TA = 50°C
L15	Class I Division 2 Groups A, B, C and D	T3C	T3A
	Class II Division 2 Groups F and G; Class III	T5	T5
No Heads	Class I Division 2 Groups A, B, C and D	T4A	
	Class II Division 2 Groups F and G; Class III	T6	

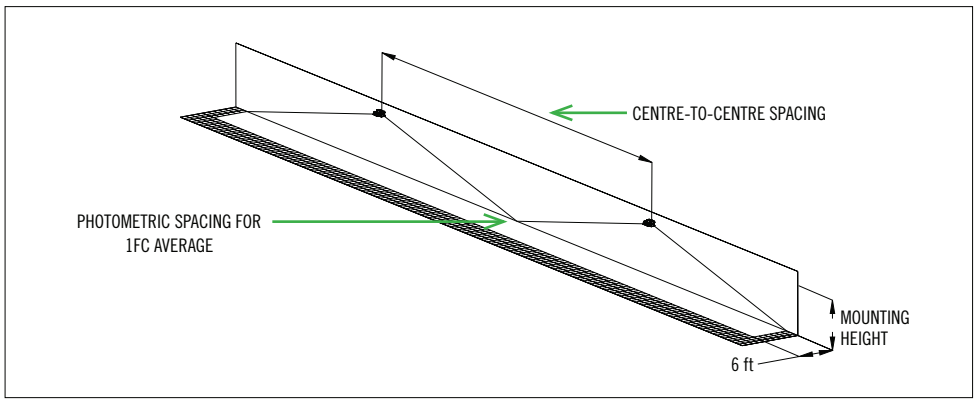
PHOTOMETRY PERFORMANCE

Whether installed indoors or outdoors, the **RHZ Series** of LED emergency lights deliver a stable and consistent illumination on the path of egress for a wide range of mounting heights.

LED LAMP	POWER (W)	TOTAL LUMENS	OUTPERFORMS THE INCANDESCENT LAMPS
L15	15W	1320	50W MR16-IR Halogen

Industrial environment: wall mounted equipment, reflectances: 10/10/10; 6-ft wide illumination path. Illumination as per NFPA101; Average: 1fc; Min: 0.1fc; Max/min< 40:1

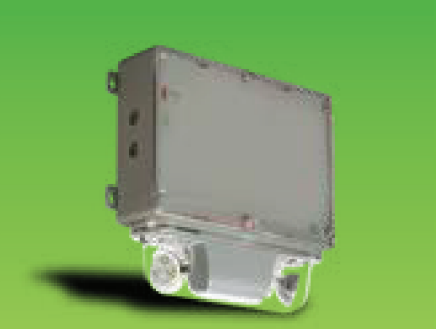
MOUNTING HEIGHT	SPACING CENTRE-TO-CENTRE (FEET)
	LAMP L15 / 15W, 1300LM
10 ft	140
15 ft	135
20 ft	130
25 ft	120
30 ft	110



ORDERING INFORMATION

SERIES	UNIT CAPACITY	NUMBER OF HEADS	LED LAMP TYPE	FUNCTIONS	OPTIONS
RHZ= Hazardous locations. Cl.I D2, Cl.II D2, Cl.III	**1275**= 12V-75W; 10°C to 50°C Amb (10°F to 122°F) **24150**= 24V-150W; 10°C to 50°C Amb (10°F to 122°F)	**0**= no heads **1**= one head **2**= two heads	**L15**= 12V, 24V-15W	**AD**= auto-diagnostic, audible[1] **ADN**= auto-diagnostic, non-audible[1] **Blank**= no auto-diagnostic function **NEX**= Nexus® wired system interface[1] **NEXRF**= Nexus® wireless system interface[1] [1] Minimum lamp load required: 20% of unit capacity For more information, please consult your sales representative.	**CW**= Cold-weather, 120/347V, -40°C to 50°C Amb (-40°F to 58°F) **CW2**= (120/277V) Cold-weather (-40°C to 50°C Amb) **D3**= time delay (15 minutes) **RFI**= radio frequency interference filter (120/277VAC) **RF3**= radio frequency interference filter (347VAC)[1] **U2**= 120/277VAC input **U122**= 120/208/220-240V 50/60Hz input[1] [1] 12V units only, not available with Nexus® & CW Not available with CW option **PMK1-R**= universal mounting bracket (sold seperately)

EXAMPLE: RHZ12752L15ADND3



LDX-HZ SERIES

Battery Unit Hazardous Locations: Class I Div 2, Class II Div 1&2 and Class III

nexus® Made in Canada

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® LDX-HZ Series** battery units. Designed specifically for Hazardous Location environments, the equipment frame shall be of industrial grade polymeric material with gaskets around both sides of the contour. The frame shall be fixed between two plates made of 1/8" thick aluminum sheet. The back plate shall include four keyholes for wall-mount installation. The front plate shall include two water-tight lenses for pilot lights: AC-on and "Service required". When specified, the equipment shall have attached a lower compartment containing two emergency lights with adjustable swivels and LED lamps. The lamps shall be shielded by a cast aluminum housing and protected by a shock-absorbent, transparent polycarbonate cover. The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D, Class II Divison 1&2 Groups E, F and G as well as Class III. The standard equipment shall have a dual voltage input: 120/347VAC and shall be equipped with a magnetic test switch located on the left side of the frame.

The unit shall include self-testing/auto-diagnostic functions monitored by a micro-controller and shall automatically self test for one minute every 30 days, 10 minutes every 6 months and 30 minutes annually. The "Service required" LED shall light when a fault is detected. A four-LED diagnostic display located inside the equipment shall identify the source of the failure (battery, charger circuitry, lamp load).

The unit shall be listed CSA C22.2 No.141-15 and No. 137 – M1984

The battery unit shall be **Ready-Lite®** model: _____ .

FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Certified temperature codes for several types of emergency lamps
- Suited for areas with the risk of flammable gases, vapors or liquids that can create an explosive atmosphere
- Certified CSA C22.2 No141-15
- Heavy-duty 1/8" thick aluminum back plate with keyholes for secure wall-mount installation
- Two LED lamps, shielded by a cast aluminum housing and a polycarbonate cover
- 5W LED emergency lights provide 60 ft of egress illumination on a 6-foot wide path
- 6W LED emergency lights provide 100 ft of egress illumination on a 6-foot wide path
- Sealed, maintenance-free, Lead-Calcium batteries with up to 150W emergency power
- Built-in microcontroller-based battery charger and auto-diagnostics circuitry
- ½" electrical conduit entry on both sides and at the top
- NEXUS® compatible (for more information on NEXUS®, please contact your sales representative)
- Advanced diagnostics capabilities (specific load requirements)

See warranty details at: www.tnb.ca/en/brands/ready-lite

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

TEMPERATURE CODES (CLASS I DIVISION 2)

LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT LAMP
6V-4W LED	T4A	120°C	580.0097-RL
6V-5W LED	T4A	120°C	580.0122-RL
12V-4W LED	T4A	120°C	580.0093-RL
12V-5W LED	T4A	120°C	580.0104-RL
12V-6W LED	T4	135°C	580.0106-RL

Note: Use qualified replacement lamps to avoid risk of over-heating.

POWER CONSUMPTION AND UNIT RATING

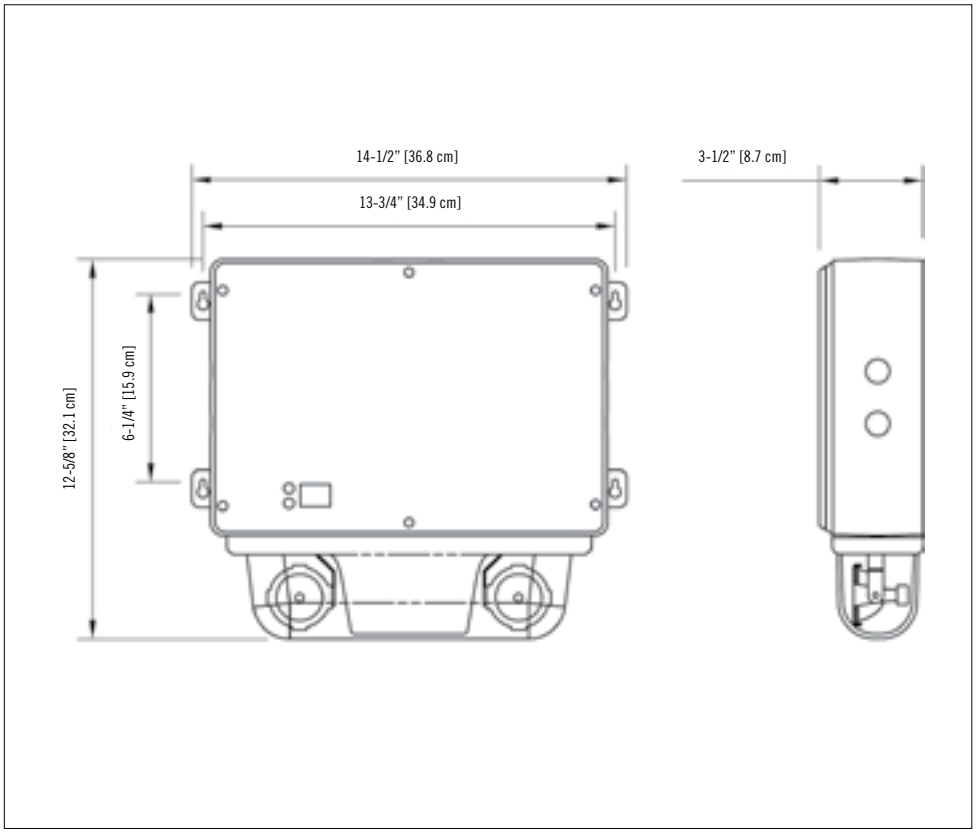
MODEL	AC SPECS		WATTAGE CAPACITY				
			30MIN	1H00	1H30	2H00	4H00
LDX-36HZ	120/347VAC	0.15/0.06 A	36	21	15	12	-
LDX-72HZ		0.30/0.10 A	72	42	30	24	12
LDX-120HZ		0.30/0.10 A	120	70	50	40	20
LDX-150HZ		0.30/0.10 A	150	-	72	-	-

LDX-HZ SERIES

Battery Unit Hazardous Locations: Class I Div 2, **Class II Div 1&2 and Class III**

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	CAPACITY	CLASSIFICATION	# OF HEADS	LAMP/WATTAGE	COLOUR	AC VOLTAGE	CHARGER TYPE
LDX6 **LDX12**	**-36**= 6V-36W **-72**= 12V-72W **-120**= 12V-120W **-150**= 12V-150W	**HZ**= classification	**2**= 2 heads **Blank**= no heads	**LD1**= MR16 LED, 6V-4W **LD2**= MR16 LED, 6V-5W **LD7**= MR16 LED, 12V-4W **LD9**= MR16 LED, 12V-5W **LD10**= MR16 LED, 12V-6W	**Blank**= grey	**Blank**= 120/347VAC **U2**= 277VAC	**AD**= auto-diagnostics[1] **ADN**= auto-diagnostics, non-audible[1] **NEX**= NEXUS® system interface[1] **NEXRF**= wireless NEXUS® system interface[1]

[1] Minimum lamp load required: 20% of unit capacity

Not all options available with NEXUS® System. Please consult your sales representative

EXAMPLE: LDX6-36HZ2LD7AD

NMHZ SERIES

Hazardous Location

Made in Canada

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® NMHZ Series** remote emergency lighting fixture. The fixture shall have a single- or double-lamp configuration (as specified) and shall include a fully gasketed Die-Cast aluminum back plate and a clear heavy-duty UV resistant polycarbonate cover. The fixture shall come standard with a 4" octagonal box, stainless steel tamper-proof screws and dedicated screwdriver bit. The fixture shall be certified for use in hazardous locations Class I, Division 2, Groups A, B, C and D and shall be listed to CSA C22.2 No.141-15 and CSA C22.2 No.137-M1981. The fixture shall be rated with a temperature code for the selected lamps as in the table below.

Each lamp in the fixture shall be able to be oriented without tools and should be equipped with LED lamp(s) of _____ V _____ W.

The remote unit shall be **Ready-Lite®** model: _____ .

HAZARDOUS LOCATION FAMILY CLASS I, II AND III

FEATURES

- Quality illumination requires fewer fixtures
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Extreme operational temperature range: -40ºC to +40ºC.
- Choice of single- or double-lamp models
- High-efficacy LED lamps of 4W, 5W and 6W
- Input voltage: 6V, 12V, 24V or 120V
- Fully gasketed Die-Cast aluminum back plate
- Clear polycarbonate cover, UV and impact resistant
- Easy installation on a 4" octagonal box (included)
- Comes standard with tamper-proof screws and bit
- Meets or exceeds CSA 22.2 No.141-15

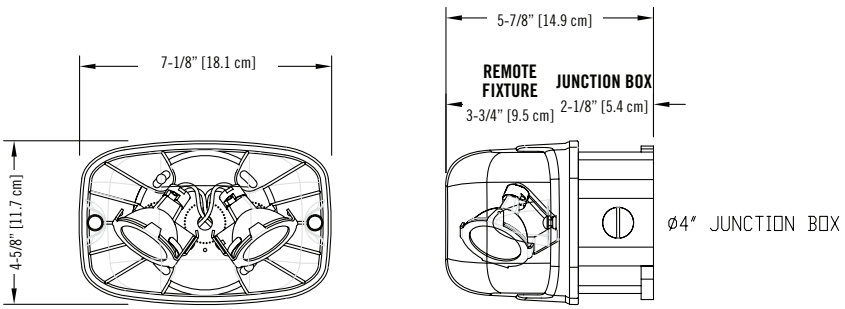
See warranty details at: www.tnb.ca/en/brands/ready-lite

REPLACEMENT LAMPS

MODEL	LAMP TYPE	VOLTAGE/WATTAGE	TEMPERATURE CODE
580.0097-RL	MR16, LED	6V-4W	T4A (max. 120ºC)
580.0122-RL	MR16, LED	6V-5W	T4A (max. 120ºC)
580.0093-RL	MR16, LED	12V-4W	T5 (max. 100ºC)
580.0104-RL	MR16, LED	12V-5W	T4A (max. 120ºC)
580.0106-RL	MR16, LED	12V-6W	T4 (max. 135ºC)
580.0098-RL	MR16, LED	24V-4W	T5 (max. 100ºC)
580.0113-RL	MR16, LED	120V-4W	T4A (max. 135ºC)

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	NUMBER OF LAMPS	VOLTAGE/WATTAGE	COLOUR
NMHZ	**1**= one lamp **2**= two lamps	**-LD1**= MR16 LED, 6V-4W **-LD2**= MR16 LED, 6V-5W **-LD7**= MR16 LED, 12V-4W **-LD9**= MR16 LED, 12V-5W **-LD10**= MR16 LED, 12V-6W **-LD13**= MR16 LED, 24V-4W **-LD26**= MR16 LED, 120V-4W	**GY**= grey

EXAMPLE: NMHZ1-LD26

new product

Made in Canada

RHZRL SERIES

Hazardous Location Remote Fixture

TYPICAL SPECIFICATIONS

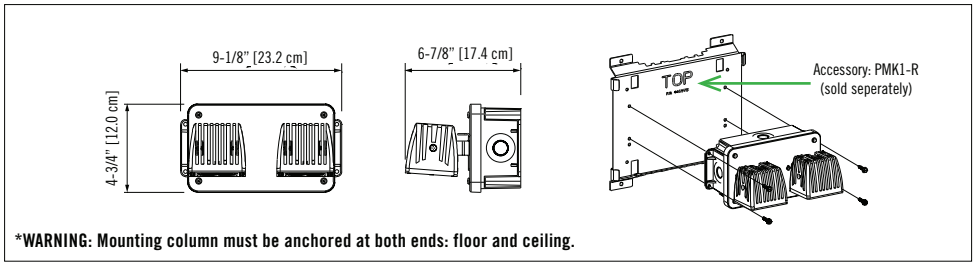
Supply and install the **Ready-Lite® RHZRL Series** remote emergency lighting fixtures. These remote fixtures will consist of either single or double lamp configurations. The housing shall be made of grey PVC designed for hazardous location Class I, Div. 2, Groups A,B,C & D; Class II Div. 2, Groups F and G and Class III applications. The remote fixture can easily be installed on walls, columns or struts. The heads shall be made of die-cast aluminum and have a flat square lens made of UV stabilized clear polycarbonate. Each head shall include four (4) high efficacy LEDS and two independent drivers.

The remote fixture shall fully adjustable without tools, be NEMA-4X rated and cUL listed to CSA C22.2 No.141-15 and No.137-M1981 standards.

The remote unit shall be **Ready-Lite®** model: _____ .

DIMENSIONS

Dimensions are approximate and subject to change.



***WARNING: Mounting column must be anchored at both ends: floor and ceiling.**

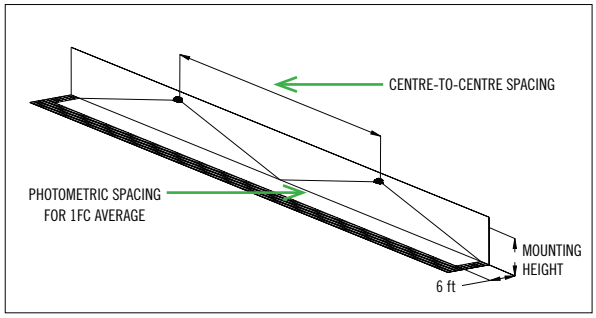
PHOTOMETRY PERFORMANCE

Whether installed indoors or outdoors, the **RHZRL Series** of LED emergency lights deliver a stable and consistent illumination on the path of egress for a wide range of mounting heights.

LED LAMP	POWER (W)	TOTAL LUMENS	OUTPERFORMS THE INCANDESCENT LAMPS
L15	15W	1320	50W MR16-IR Halogen

Industrial environment: wall mounted equipment, reflectances: 10/10/10; 6-ft wide illumination path. Illumination as per NBC; Average: 1fc; Min: 0.1fc.

MOUNTING HEIGHT	SPACING CENTRE-TO-CENTRE (FEET)
	LAMP L15 / 15W, 1300LM
10 ft	140
15 ft	135
20 ft	130
25 ft	120
30 ft	110



CLASSIFICATION FOR HAZARDOUS LOCATIONS

TYPE OF EMERGENCY HEADS	CLASSIFICATION	TEMPERATURE CODE
		TA = 55°C
L15	Class I Division 2 Groups A, B, C and D	T3C
	Class II Division 2 Groups F and G; Class III	T5

ORDERING INFORMATION

SERIES	NUMBER OF HEADS	LED HEAD
RHZRL= High-performance remote heads	**1**= single **2**= double	**L15W**= 12-24VDC, 15W PMK1-R= universal mounting bracket (sold separately)

EXAMPLE: RHZRL2L15W

FEATURES

- Evaluated to CSA C22.2 No.141-15 and No.137-M1981 for use in hazardous locations: Class I Division 2, Groups A, B, C and D; Class II Division 2, Groups F and G and Class III
- Can be installed in wide temperature conditions: -40°C to 55°C [-40°F to 131°F]
- NEMA-4X protection grade against liquids and windblown dust
- High-efficacy LED emergency heads outperform traditional 50W halogen lamps
- Innovative head design: four-LED and dual-driver provide illumination even in case of unexpected component failure
- Simple and easy to install on walls, columns or struts. For vertical installation on columns, use mounting bracket catalogue number: PMK1-R (sold seperately). *See warning in installation below
- 1 Year limited warranty
  See warranty details at: www.tnb.ca/en/brands/ready-lite

RFX LED SERIES

Hazardous Location

new product

Made in Canada

FEATURES

- CSA Certified for use in hazardous locations:
  - Class I, Divisions 1 and 2, Groups A, B, C, D
  - Class II, Divisions 1 and 2, Groups E, F, G
  - Class III, Divisions 1 and 2
- High efficacy LED lamps
- Die-Cast aluminum body with grey epoxy powder coat finish
- Clear, impact and heat resistant prismatic glass globe
- Available in 6, 12, 24 and 120V
- Available with single-lamp or twin-lamp combination
- New, easy-to-build catalogue number based on the **Ready-Lite®** Severity Codes
- Meets or exceeds CSA 22.2 No.141

See warranty details at: www.tnb.ca/en/brands/ready-lite

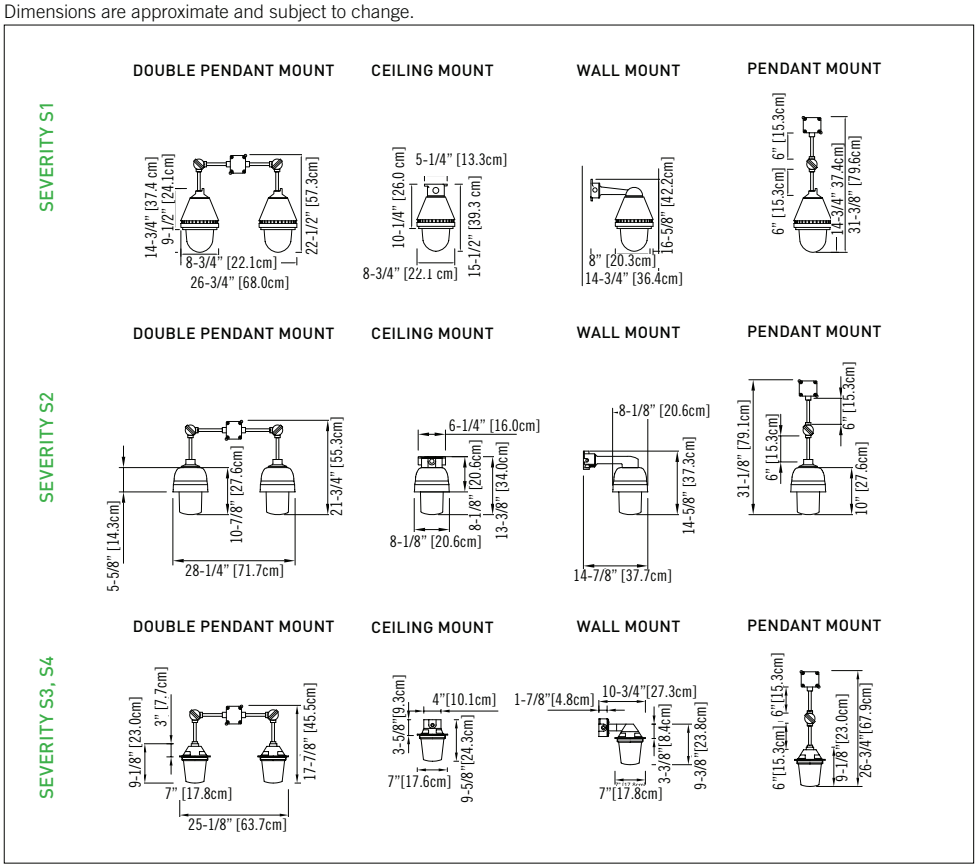
TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® RFX LED Series** of hazardous location remote heads. The head housing will be Die-Cast aluminum with grey epoxy powder coat finish. The lens shall be a clear, impact and heat resistant prismatic glass globe. The head shall be factory sealed. External seals shall not be required. The remote shall come complete with a _____ mounting connection and include _____lamp(s) rated _____ V _____ W. The remote head shall be suitable for Class _____, Division _____, Group _____ .

The remote unit shall be **Ready-Lite®** model: _____ .

DIMENSIONS

Dimensions are approximate and subject to change.

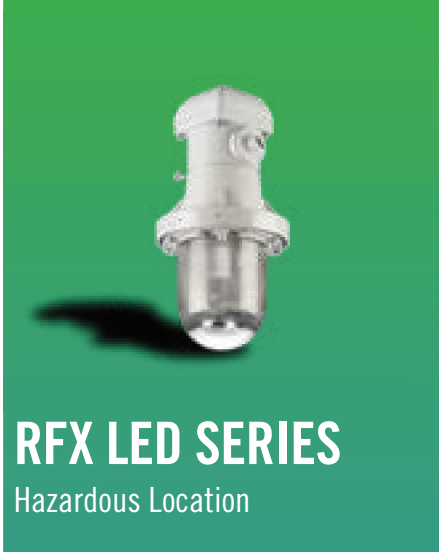


REPLACEMENT LAMPS

MODEL	TYPE	VOLT/WATT
580.0097-RL	LED	6V-4W
580.0122-RL		6V-5W
580.0104-RL		12V-5W
580.0106-RL		12V-6W
580.0098-RL		24V-4W
580.0095-RL		120V-4W

new product

Made in Canada



RFX LED SERIES

Hazardous Location

1.

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1, Gr. A, B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. A, B, C, D	S3
CL.II, Div.1 & 2, Gr. E, F, G CL. III, Div. 1 & 2	S4

2.

CERTIFICATION GUIDE FOR REMOTE LIGHTING FIXTURES (40°C AMBIENT)				
severity code	S1	S2	S3	S4
temperature code	T4A	T6	T1	T3C (E.G.F.)
CSA/UL rating	max. 120°C	max. 85°C	max. 450°C	max. 165°C

ORDERING INFORMATION

SERIES	LAMP TYPE	SEVERITY CODES	LAMP WATTAGE/TYPE	MOUNTING
RFXQ= single remote, one lamp **RFXQ-P2**= double remote, one lamp each[1] **RFXQ2**= single remote, two lamps	**Blank**= MR16 LED	**S1**= Cl. I, Div. 1, Gr. A & B **S2**= Cl. I, Div 1, Gr. C & D **S3**= Cl. I, Div. 2, Gr. A, B, C, D **S4**= Cl. II, Div. 1 & 2, Gr. E, F, G Cl. III, Div. 1 & 2	**LD1**= MR16 LED, 6V-4W **LD2**= MR16 LED, 6V-5W **LD7**= MR16 LED, 12V-4W **LD9**= MR16 LED, 12V-5W **LD10**= MR16 LED, 12V-6W **LD13**= MR16 LED, 24V-4W **LD25**= GU10 LED, 120V-4W	**C**= ceiling mount **P**= pendant mount **W**= wall mount

[1] pendant mount only

EXAMPLE: RFXQS1-LD1