

Type: \_\_\_\_\_  
 Project/Location: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Model No.: \_\_\_\_\_



## TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® TUF 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. The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy designed specifically for hostile environments. 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 exit shall be certified for NEMA-4X and designed specifically for high abuse areas, wet locations, and cold weather -20°C (-4°F) 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 and 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: \_\_\_\_\_



## WIRE GUARDS

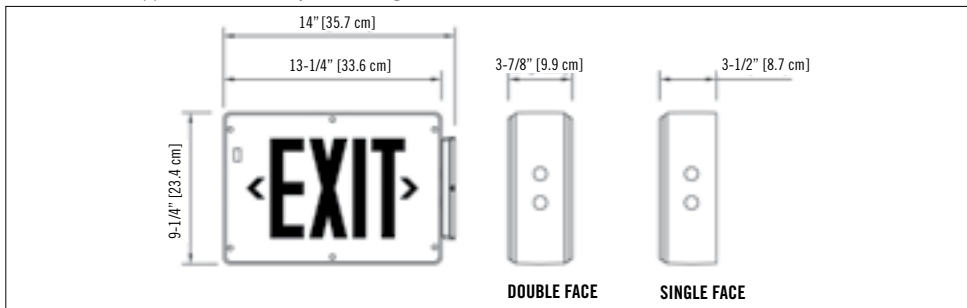
|             |               |
|-------------|---------------|
| 460.0079-RL | wall mount    |
| 460.0027-RL | end out       |
| 460.0028-RL | ceiling mount |

## 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 |

## DIMENSIONS

Dimensions are approximate and subject to change.



## ORDERING INFORMATION

| SERIES                               | FACES/MOUNTING                     | AC VOLTAGE  | HOUSING/FACE   | VOLTAGE  | OPTIONS   | 4X                                     |
|--------------------------------------|------------------------------------|---|--|--|---|--|
| <b>TUF</b> = NEMA-4X & NSF exit sign | -1= single face<br>-2= double face | <b>Blank</b> = 120VAC (with L120-2W only)<br>- <b>U</b> = universal, 120-347VAC<br>- <b>2</b> = 120/277VAC*<br>- <b>3</b> = 120/347VAC* | - <b>BA</b> = black/aluminum<br>- <b>BK</b> = black/black<br>- <b>BW</b> = black/white<br>- <b>GA</b> = grey/aluminum<br>- <b>GB</b> = grey/black<br>- <b>GW</b> = grey/ white<br>- <b>WA</b> = white/aluminum<br>- <b>WB</b> = white/black<br>- <b>WH</b> = white/white | - <b>DC</b> = universal 120-347VAC, 6-48VDC (-40°C standard)<br>- <b>SPD</b> = Self-Powered diagnostic Ni-Cd, 120 to 347VAC<br>- <b>L120-2W</b> = 120VAC, 120VDC 2 wires<br>- <b>NEX</b> = NEXUS® system interface<br>- <b>NEXRFW</b> = wireless NEXUS® system interface | <b>Blank</b> = no options<br>- <b>CW</b> = cold weather*<br>- <b>G</b> = green legend | - <b>4X</b> = approved NEMA-4X and NSF |

EXAMPLE: TUF-2-U-WH-DC-G-4X

## FEATURES

- NEMA-4X certified
- NSF certified for food processing
- Polyvinyl chloride enclosure is fully gasketed around lens and canopy to prevent water infiltration
- Sealed faceplate of heavy-duty, vandal-resistant polycarbonate with evenly illuminated legend
- Universal mounting: wall-, end-, or ceiling-mount
- Suitable for cold weather: -40°C on non Self-Powered sign and -20°C on Self-Powered ("CW" option)
- Tamper-resistant magnetic test switch
- Self-diagnostic circuitry standard on all Self-Powered models
- Energy efficient – consumes less than 3W in AC or DC mode
- Normal AC and emergency DC operation – 120 to 347V universal AC dual tap; 6 to 48V universal DC
- NEXUS® compatible
- Meets or exceeds CSA 22.2 No. 141.

## TUF SERIES

Polyvinyl Chloride Exit Sign