Project/Location:

Contractor:

Date:

Prepared by:

# TUF Series

## Polyvinyl Chloride Exit Sign

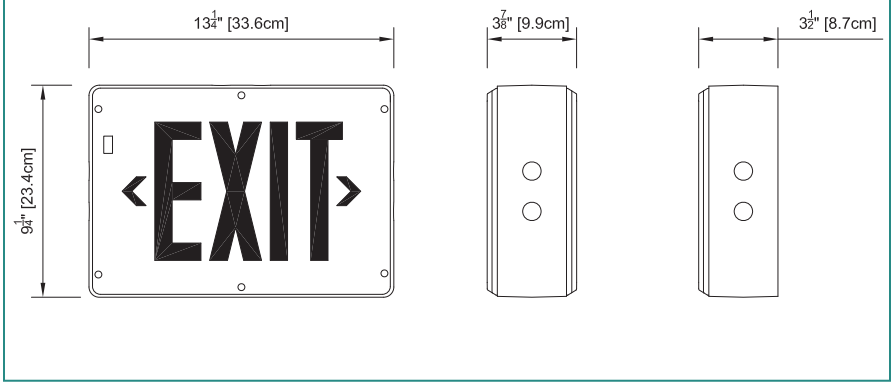

## Typical Specification

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 3 watts and universal two-wire DC input voltage from 6Vdc to 48Vdc at less than 2 watts 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 location, and cold weather (-25°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-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 certified CSA-C860.

The exit sign shall be Ready-Lite model: _____.

## Dimensions




## 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
- Suitable for cold weather: -40°C on non self-powered sign and -25°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 3 watts in AC or DC mode
- Normal AC and emergency DC operation – 120 to 347 volts universal AC dual tap; 6 to 48 volts universal DC
- NEXUS® compatible

nexus® Made in Canada NEMA-4X NSF

## Wire Guards

| | |
|---|---|
| 460.0079-RL | Wall Mount |
| 460.0027-RL | End Mount |
| 460.0028-RL | Ceiling Mount |

## Power Consumption

| 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 | NiCad battery | Min. 90 minutes |
| Self-powered, green | 120 to 347Vac | Less than 3W | NiCad battery | Min. 90 minutes |

## Ordering Information

| Series | Faces | AC Voltage | Housing Colour | D.C. Voltage | Options | 4X |
|---|---|---|---|---|---|---|
| **TUF** | **-1**= single face, universal mount<br>**-2**= double face, universal mount | **Blank**= 120Vac (with L120-2W only)<br>**-U**= universal 120-347Vac | **-WH**= factory white/ factory white<br>**-BK**= black/black<br>**-BW**= black/factory white<br>**-WB**= factory white/black<br>**-GW**= grey/factory white<br>**-GB**= grey/black<br>**-GY**= grey/grey | **-DC**= 6-48Vdc<br>**-SPD**= 120 to 347Vac, self-powered c/w diagnostics<br>**-L120-2W**= 120Vdc 2 wires<br>**NEX**= NEXUS® system interface*<br>**NEXRF**= wireless NEXUS® system interface*<br><br>*Available on self-powered only Consult your sales representative for options available with NEXUS® system. | **-G**= green letters<br>**-FA**= fire alarm activated flasher<br>**-FB**= flasher/buzzer<br>**-CW**= cold weather* (-25°C for self-powered, -40°C for ac/dc)<br><br>*Self-powered models only. | **-4X**= Approved NEMA-4X |

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