



## TUF SERIES

Polyvinyl Chloride Exit Sign



### 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 frame 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: \_\_\_\_\_

### NEMA-4X AND NSF CERTIFIED FAMILY



### WIRE GUARDS

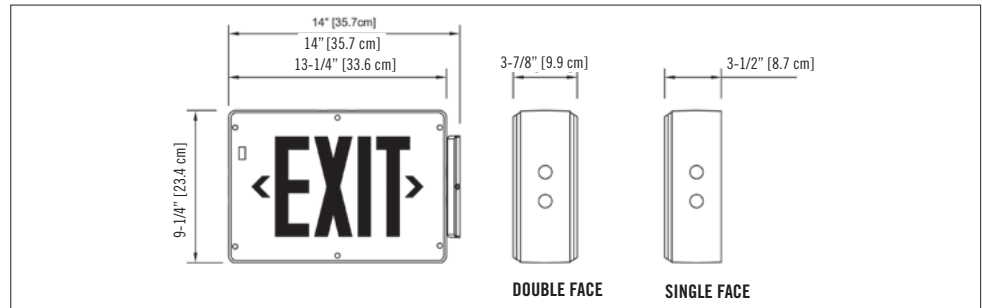
460.0079-RL	wall mount
460.0027-RL	end out
460.0028-RL	ceiling mount

### 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.



### 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.
- Special wording available (CSA C22.2 No. 250.0)
- IK08 impact resistance

See warranty details at: [www.tnb.ca/en/brands/ready-lite](http://www.tnb.ca/en/brands/ready-lite)

### ORDERING INFORMATION

SERIES	FACES/MOUNTING	AC VOLTAGE	HOUSING/FACE	VOLTAGE	OPTIONS	4X
TUF= NEMA-4X & NSF exit sign <sup>1</sup>	-1= single face -2= double face	-2= 120/277VAC <sup>1</sup> -3= 120/347VAC <sup>1</sup> Blank= 120VAC (with L120-2W only) -U= universal, 120-347VAC	-BA= black/aluminum -BK= black/black -BW= black/white -GA= grey/aluminum -GB= grey/black -GW= grey/ white -WA= white/aluminum -WB= white/black -WH= white/white	-DC= universal 120-347VAC, 6-48VDC (-40°C standard) -L120-2W= 120VAC, 120VDC 2 wires -NEXRFW= wireless Nexus® system interface -SPD= Self-Powered diagnostic Ni-Cd, 120 to 347VAC	Blank= no options -CFP= Special wording -CW= cold weather <sup>1</sup> -G= green legend	-4X = approved NEMA-4X and NSF
<sup>1</sup> Nema 4X certified for wall or ceiling only		<sup>1</sup> With -NEXRF only			<sup>1</sup> -20°C for self-powered with diagnostics & Nexus®, -40°C for Universal 120-347VAC, 6-48VDC	

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