



N-TUF Series

NEMA-4X Certified
Combo Units

Impressive, state-of-the-art illumination
for use in adverse conditions

The **N-TUF Series** offers the choice of 5 watt, high-efficiency white LED lamp heads or an MR16 light source. With an impressive illumination of the path of egress, the **N-TUF Series** is designed for use in a wide range of applications, specifically high abuse areas, wet and cold locations (-40°C).

Features

Standard

- NEMA-4X certified for wall or ceiling mount
- CSA C22.2 No 141 certified
- CSA certified, meets or exceeds C860-01 and NRCAN/C860-01 requirements
- High efficiency MR16 lamps up to 12V, 12W or white LED emergency lights
- Uniform **ALINGAP** technology LED illuminated legend
- Continuous self-diagnostic monitoring and monthly self-testing
- Fully automatic charger is solid state
- Sealed, maintenance-free nickel cadmium battery
- Non-intrusive magnetic test switch
- Comes standard with tamper proof screws
- Choice of grey, white or black housing and face

Optional

- Double face
- Cold weather (-40°C)
- No heads (for more remote capacity)
- Fire alarm activated flasher
- Flasher/buzzer (AC power failure)
- Flasher (AC power failure)





Project/Location:

Date:

Contractor:

Prepared by:

N-TUF Series



Typical Specification

Supply and install Ready-Lite N-TUF LED exit sign and power pack series. The equipment shall operate under two operating voltage, 120Vac or 347Vac. The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy designed specifically for hostile environments. The unit shall be certified for NEMA-4X and designed specially for high abuse areas, wet location, and cold weather (CW option). The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and features an even illuminated legend. The legend light source shall be light emitting diodes (LED). Red LED technology shall be ALINGAP. Emergency lights shall be fully adjustable and high efficiency MR16 lamps.

The Ready-Lite Advanced Diagnostic Micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87,5% of the rated battery voltage. The unit shall be rated 120/347 V, 60 Hz and be CSA listed. The unit shall have an output of ___ Volts.

The charger shall at first bulk recharge the battery, then when the battery is at full capacity, the charger will shut-off and thereafter periodically pulse charge to top off the battery.

This pulse-type charger promotes long battery life and reduces the potential for grid corrosion. Its charge voltage is factory set to $\pm 1\%$ tolerance and temperature compensated. The charger has the functions of Lockout and Brownout Circuits, and Low Voltage Disconnection. It protects the unit from over-current, short-circuit, and reverse polarity.

The unit shall self-test for 1 minute every 30 days, 10 minutes on the 6th month and 30 minutes every 12 months. The unit shall be capable of full recharge in compliance with CSA specifications. The unit shall be furnished with a magnetic test switch. A "Service Required" lamp shall be located near the test switch and flash when a fault is detected. A four-LED diagnostic display shall be located inside the equipment and shall identify the source of failure (battery, charger circuitry, or lamps).

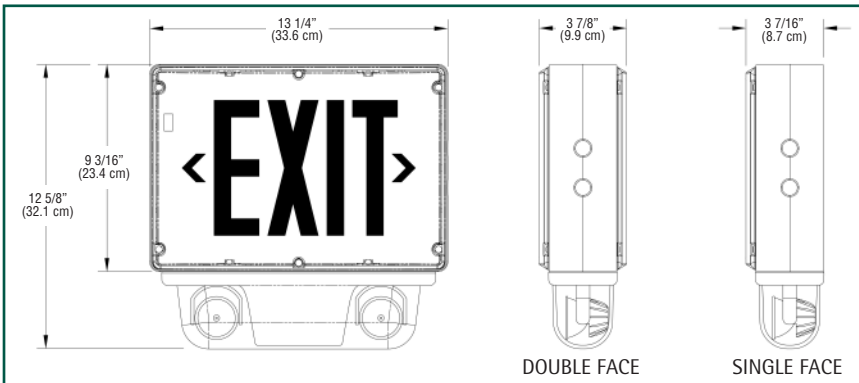
The exit sign shall be CSA-C860 and NRCAN/C860-01 approved.

The unit shall be Ready-Lite Model - _____.

Power Consumption

Model	AC Specs		DC Specs	
	NM36	120/347Vac	Less than 10W	6V-36W
N12M60	120/347Vac	Less than 10W	12V-60W	Min. 30 minutes

Dimensions



Wire Guards

With heads

460.0078	Wall Mount
460.0060	End Mount
460.0060	Ceiling Mount

Without heads

460.0079	Wall Mount
460.0027	End Mount
460.0028	Ceiling Mount

Ordering Information

Series	# of Heads	Lamp/Wattage	Faces	Housing/Face Colour	Voltage	Options
NM36= 6V - 36W NEMA 4X	Blank= 0 heads	MI= MR16, 6V - 6W	TUF1= single face	WW= factory white/ white	Blank= 120/347Vac U277= 120/277Vac	Blank= no option
	2= two heads	MJ= MR16, 6V - 10W	TUF2= double face			*CW= cold weather (-40°C)
N12M60= 12V - 60W NEMA 4X		MK= MR16, 12V - 12W		WB= factory white/black		FA= flasher (fire alarm activated)
		L= LED, 12V - 5W		WA= factory white/ aluminum		**F/B= flasher/buzzer (a.c. power failure)
		BB= black/black		BA= black/aluminum		FL= flasher (a.c. power failure)
		BW= black/white		GA= grey/aluminum		G= green letters
		BA= black/aluminum		GW= grey/white		* Available in single face, 6V-36W only (add 10W of power consumption for this option)
		GA= grey/aluminum		GB= grey/black		** Not available with "AD" option

EXAMPLE: NM362MITUF1WWCW