

**Part 1            General**

**1.1                RELATED SECTIONS**

- .1        Section 01 00 10 – General Instructions.

**1.2                REFERENCES**

- .1        Canadian Standards Association (CSA International)
  - .1        CSA C22.2 No.141-02, Unit Equipment for Emergency Lighting.
  - .2        CSA C860-07, Performance of Internally - Lighted Exit Signs.
- .2        National Fire Protection Association (NFPA)
  - .1        NFPA (Fire) 101, Life Safety Code. 2009 Edition

**1.3                SUBMITTALS**

- .1        Provide submittals in accordance with Section 01 00 10 – General Instructions.
- .2        Product Data:
  - .1        Submit manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.

**1.4                WASTE MANAGEMENT AND DISPOSAL**

- .1        Separate waste materials for reuse and recycling in accordance with Section 00 10 – General Instructions.

**Part 2            Products**

**2.1                SELF-POWERED UNITS**

- .1        Exit lights: to CSA C22.2 No.141 and CSA C860.
- .2        Housing: Extruded aluminum housing, brush aluminum finish.
- .3        Face and back plates: die formed cold rolled steel.
- .4        Lamps: LED-12 Watt with over 500,000 hours of life.
- .5        Letters: 150 mm high x 19 mm wide, with 13 mm thick stroke, red, reading EXIT and SORTIE.
- .6        Face plate to remain captive for relamping.
- .7        Supply voltage: 120 V, ac.
- .8        Output voltage: 12 V dc.

- .9 Operating time: 60 minimum.
- .10 Recharge time: 12 hours
- .11 Battery: sealed, maintenance free.
- .12 Charger: solid state, voltage/current regulated, inverse temperature compensated, short circuit protected, with regulated output of plus or minus 0.01 V for plus or minus 10% V input variation.
- .13 Solid state transfer circuit.
- .14 Signal lights: solid state, for 'AC Power ON' and 'High Charge' condition.
- .15 Mounting: suitable for universal mounting directly on junction box and c/w knockouts for conduit.
  - .1 Removable or hinged front panel for easy access to batteries.

**Part 3 Execution**

**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

**3.2 INSTALLATION**

- .1 Install exit lights to manufacturer's recommendations, listing requirements, NFPA standard and local regulatory requirements.
- .2 Connect fixtures to exit light circuits.
- .3 Ensure that exit light circuit breaker is locked in on position.

**END OF SECTION**