

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.

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- .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