
PART 1 **GENERAL**

1.1 **RELATED REQUIREMENTS**

SPEC NOTE: Edit the following paragraphs to list documents or Sections with specific information that the reader might expect to find in this Section, but is specified elsewhere. Do not include Division 00 or Division 01 Sections in this listing.

- .1 Section 26 05 00 – Common Work Requirements for Electrical
- .2 Section 26 52 00 – Emergency Lighting

1.2 **REFERENCES**

- .1 Canadian Standards Association (CSA International)
 - .1 CSA C22.2 No.141-[02], Unit Equipment for Emergency Lighting.
 - .2 CSA C860-[01(December 2002)], Performance of Internally-Lighted Exit Signs.
- .2 National Fire Protection Association (NFPA)
 - .1 NFPA 101-[2006], Life Safety Code.

1.3 **ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Quality Assurance Submittals: submit following in accordance with Section[01 45 00 - Quality Control].
 - .1 Instructions: submit manufacturer's installation instructions and special handling criteria, installation sequence, and cleaning procedures.

1.4 **WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

PART 2 **PRODUCTS**

2.1 **STANDARD UNITS**

- .1 Exit lights: to CSA C22.2 No.141 and CSA C860.

- .2 Housing: extruded aluminum housing.
- .3 Face and back plates: extruded aluminum.
- .4 Lamps: LED-12W, 120 or 347V.
- .5 Operation: designed for 100,000 hours of continuous operation without relamping.
- .6 Running man type pictorial exit signs.
- .7 Downlight: translucent acrylic in bottom of unit.
- .8 Face plate to remain captive for relamping.

2.2 SELF-POWERED UNITS

- .1 Exit lights: to CSA C22.2 No.141 and CSA C860.
 - .2 Housing: extruded aluminum housing.
 - .3 Face and back plates: extruded aluminum.
 - .4 Lamps: LED-12W, 120 or 347V.
 - .5 Operation: designed for over 100,000 hours of continuous operation without relamping.
 - .6 Running man type pictorial exit signs.
 - .7 Downlight: translucent acrylic in bottom of unit.
 - .8 Face plate to remain captive for relamping.
 - .9 Supply voltage: 120 or 347V, ac as per the drawings.
 - .10 Operating time: 90 minutes minimum.
 - .11 Recharge time: 12 hours
 - .12 Battery: sealed, maintenance free.
 - .13 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.
 - .14 Solid state transfer circuit.
 - .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.

- .16 Cabinet: finish: Standard.

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 Connect emergency lamp sockets to emergency circuits.
- .4 Ensure that exit light circuit breaker is locked in on position.

3.3 **CLEANING**

- .1 Proceed in accordance with Section 01 74 11 - Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.