

PART 1 - GENERAL

- | | | |
|--|----|--|
| <u>1.1 REFERENCES</u> | .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. |
| <u>1.2 ACTION AND INFORMATIONAL SUBMITTALS</u> | .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. |
| <u>1.3 WASTE MANAGEMENT AND DISPOSAL</u> | .1 | Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal. |

PART 2 - PRODUCTS

- | | | |
|-------------------------------|----|---|
| <u>2.1 SELF-POWERED UNITS</u> | .1 | Exit lights: to CSA C22.2 No.141 and CSA C860. |
| | .2 | Housing: cold rolled steel minimum 1.0 mm thick, white finish. |
| | .3 | Face: pictogram directional image. |
| | .4 | Lamps: LED-2W, 120 V. |
| | .5 | Operation: designed for over 100,000 hours of continuous operation without relamping. |
-

2.1 SELF-POWERED
UNITS
(Cont'd)

- .6 Supply voltage: 120 V, ac.
- .7 Output voltage: 12 V dc.
- .8 Operating time: 90 minimum.
- .9 Recharge time: 12 hours
- .10 Battery: sealed, maintenance free.
- .11 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.
- .12 Solid state transfer circuit.
- .13 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.
- .14 Cabinet: finish: standard white.
- .15 Standard of Acceptance:
 - .1 Lumacell LS Series.
 - .2 Emergi-Lite EP Series.
 - .3 AimLite - RPST Series.

2.2 DESIGN X1

- .1 Wall, end to wall, ceiling mounting as indicated.
- .2 Single or Double face.
- .3 Arrow: right, left as indicated.

PART 3 - EXECUTION

- | | | |
|--|----|---|
| <u>3.1 MANUFACTURER'S INSTRUCTIONS</u> | .1 | Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets. |
| <u>3.2 INSTALLATION</u> | .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. |
| <u>3.3 CLEANING</u> | .1 | Proceed in accordance with Section 01 74 11 - Cleaning. |