

PART 1 - GENERAL

- 1.1 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.
- 1.2 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.
- 1.3 WASTE MANAGEMENT AND DISPOSAL .1 Separate waste materials for reuse and recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

PART 2 - PRODUCTS

- 2.1 SELF-POWERED UNITS .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 .6 Supply voltage: 120 V, ac.  
UNITS  
(Cont'd) .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.
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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.
- 3.3 CLEANING .1 Proceed in accordance with Section 01 74 11 - Cleaning.