Light-Pak ELPS emergency lighting system

Applications:
Light-Pak™ ELPS emergency lighting systems are used:
- To provide safe, reliable illumination for egress areas during failure or interruption of power to the normal lighting system
- To illuminate machinery or panels during a loss of AC power
- In areas where flammable gases and vapors may become present due to abnormal, unusual or accidental conditions
- In manufacturing plants, refineries, petrochemical and chemical plants, oil terminals, food processing facilities, breweries and other industrial manufacturing or process industry facilities subject to wet or corrosive conditions
- Where moisture, dirt, dust or corrosion will limit the life and reliability of ordinary emergency lighting systems
- Where required by the National Electrical Code, the Life Safety Code or other applicable codes
- In outdoor applications

Features:
- Copper-free aluminum enclosed, gasketed housing – provides corrosion protection in the most extreme environments
- Durable LED lamp head assemblies – provide protection against water ingress, corrosion and impact
- High temperature rated nickel cadmium battery for reliable operation up to +40°C ambient
- Reduced maintenance costs – self-test, monitoring and diagnostics reduce costly maintenance checks
- Remote mountable lamp heads – lamp heads can be mounted independently from the enclosure, allowing you to focus light where you need it
- Solid state battery charger – ensures long life and reliable battery operation; prevents deep discharge by automatically disconnecting the battery from the luminaire

Certifications and compliances:
NEC/CEC:
- Class I, Division 1, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- NEMA 3R
UL standards:
- UL50E; UL844; UL924; UL1203; UL1598; UL8750
CSA standards:
- CSA C22.2 No. 141-10
- CSA C22.2 No. 137
NFPA:
- Life Safety Code NFPA101® - Section 5-9 (Emergency Lighting)

Standard materials:
- Power supply and remote luminaire enclosure – epoxy powder coated copper-free aluminum
- LED lamp head assembly – epoxy powder coated aluminum
- Exterior hardware – stainless steel
- Cover gasket – neoprene

Electrical ratings:
- Power supply:
  Input – 120-277 VAC, 50 or 60 Hz; 4W maximum
  Output – 12 VDC
- LED luminaire heads:
  Voltage – 12 VDC
  Lamp type – 2W LED, 4W maximum
  Maximum two lamp heads

Options:
- Key operated external battery disconnect switch..............................................S794
- Keyless external battery disconnect switch...................................................S854

Photometrics:
- Complete photometrics can be found at www.crouse-hinds.com/photometrics

Temperature performance data:

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<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Class I &amp; II, Division 1</th>
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<tbody>
<tr>
<td>ELPSMZ (all models)</td>
<td>15</td>
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Note: Ambient temperature at which the emergency system is rated is 0°C to +40°C. Operation at temperatures outside this range will affect the battery life and/or charging performance.
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Ordering information:

Part number example
ELPSM22EXSGBGN S794

**ELPSM2**
- **Series**
  - ELPSM2: Class I, Division 1 emergency luminaire
- **No. of integral luminaires**
  - BLANK: No integral luminaires
  - 2: Two integral luminaires

**EXS**
- **Integral exit sign**
  - BLANK: No integral exit sign
  - EXS: Single sided integral exit sign
  - EXD: Double sided integral exit sign

**GB**
- **Exit sign luminaire**
  - BLANK: Groups C, D exit sign
  - GB: Groups B, C, D exit sign

**GN**
- **Exit sign letter color**
  - BLANK: Red lettering
  - GN: Green lettering

**S794**
- **External battery disconnect switch**
  - BLANK: No external battery disconnect switch
  - S794: Key operated external battery disconnect switch
  - S854: Keyless external battery disconnect switch

Dimensions (in inches):

- Standard ELPSM2: 29.63 x 11.00 x 16.50
- ELPSM2 with integral exit sign: 33.00 EXS/EXD 30.83 EXD GB
  - 7.00 EXS/EXD 3.38 EXD GB
  - 6.50
  - 1.13 EXS/EXD 2.13 EXD GB

- Two luminaires comprised of either two lamp heads or one lamp head plus one exit sign lamp.
- Not UL or cUL Listed.
- Only applicable to assembly with EXS or EXD integral exit sign.