The hazardous rated Hazard-Gard® EVLL LED luminaire is used for general lighting in areas where flammable or explosive vapors or gases are present.

Applications:
- For areas with mounting heights of up to 30 feet
- Oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, platforms, loading docks, tunnels, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present
- Locations requiring continuous and consistent light levels in extreme ambient temperatures
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist
- NEMA 4X, marine, wet locations and hose down environments
- Classified and hazardous locations

Features:
- Quick-connect design – install and wire the mounting module, then simply screw in the luminaire
- Factory sealed – no external sealing fittings required in Groups B, C and D
- Adapter available for connection to existing Hazard-Gard EVI, EVLP and EVM modules
- Energy-efficient – up to 62% reduction in energy used versus equivalent HID fixtures
- 60,000 hours rated life – eliminates need for frequent lamp replacement
- Shock- and vibration-resistant solid state luminaires have no filaments or glass components that could break – greatly reduces the risk of premature failure
- T5 temperature rating
- 5 year fixture warranty

Certifications and compliances:
EVLL models:
- NEC/CEC:
  - Class I, Division 1, Groups B, C, D
  - Class II, Groups E, F, G
  - Class III, Simultaneous Presence
- Wet locations, NEMA 4X, IP66
- UL standards:
  - UL844; UL1598; UL1598A
- CSA standard:
  - CSA C22.2 No. 137

nEVLL models:
- IECEx/ATEX:
  - Ex II 2G Ex d IIC (Zone 1, 2)
  - Ex II 2D Ex tD A21 IP66 (Zone 21, 22)
- ATEX:
  - DEMKO 14 ATEX 1302151X
- CE
- IECEx:
  - IECEx UL 14.0053X
- EMC:
  - 2004/108/EC

LED system:
- Cool white (5000K), CRI 70
- Warm white (3000K), CRI 80
- Array complies with requirements of LM79 and LM80

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

Operating ambient temperature:
EVLL:
- -25°C to 65°C (EVLL5L-EVLL9L); -25°C to 55°C (EVLL11L & EVLL13L)
nEVLL:
- -20°C to 65°C (nEVLL5L-nEVLL9L); -20°C to 55°C (nEVLL11L & nEVLL13L)

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal lumens</th>
<th>Watts</th>
<th>Equivalent HID luminaire</th>
<th>Typical energy savings / lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVLL5L</td>
<td>5,734</td>
<td>56</td>
<td>100W-150W</td>
<td>62% energy savings and over 60,000 hours of continuous operation</td>
</tr>
<tr>
<td>EVLL7L</td>
<td>8,293</td>
<td>85</td>
<td>150W-250W</td>
<td></td>
</tr>
<tr>
<td>EVLL9L</td>
<td>10,313</td>
<td>115</td>
<td>250W-320W</td>
<td></td>
</tr>
<tr>
<td>EVLL11L</td>
<td>10,997</td>
<td>112</td>
<td>250W-320W</td>
<td></td>
</tr>
<tr>
<td>EVLL13L</td>
<td>13,583</td>
<td>149</td>
<td>320W-400W</td>
<td></td>
</tr>
</tbody>
</table>

Standard materials:
- Body and mounting modules – copper-free aluminum with Corro-free epoxy powder coat
- Lens – shatter-resistant, explosionproof glass
- Gaskets – Buna and Viton
- Guard – stainless steel
- External hardware – stainless steel
- Factory sealed

Electrical ratings:

<table>
<thead>
<tr>
<th>Voltage range, VAC</th>
<th>EVLL5L</th>
<th>EVLL7L</th>
<th>EVLL9L</th>
<th>EVLL11L</th>
<th>EVLL13L</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-277</td>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Frequency</td>
<td>56</td>
<td>85</td>
<td>115</td>
<td>112</td>
<td>149</td>
</tr>
<tr>
<td>Input power (watts)</td>
<td>0.47 - 0.21</td>
<td>0.72 - 0.32</td>
<td>0.96 - 0.42</td>
<td>0.94 - 0.41</td>
<td>1.25 - 0.54</td>
</tr>
<tr>
<td>Input amps at 100-277 VAC</td>
<td>0.53 - 0.23</td>
<td>0.81 - 0.35</td>
<td>1.08 - 0.46</td>
<td>1.07 - 0.45</td>
<td>1.43 - 0.60</td>
</tr>
<tr>
<td>Power factor</td>
<td>&gt;0.95</td>
<td>&gt;0.95</td>
<td>&gt;0.95</td>
<td>&gt;0.95</td>
<td>&gt;0.95</td>
</tr>
<tr>
<td>Maintained lumens</td>
<td>5,734</td>
<td>8,293</td>
<td>10,313</td>
<td>10,997</td>
<td>13,583</td>
</tr>
</tbody>
</table>

B UNV1 at 120 VAC.
A Refer to installation and maintenance sheet for conduit seal requirements.
Hazard-Gard EVLL
explosionproof LED luminaires

Class I, Division 1 factory sealed LED luminaire for general illumination

**Designed for hazardous areas.** Hazard-Gard EVLL LED luminaires are engineered to stand up to the demanding conditions faced in Class I, Division 1 environments. The rugged design and efficient heat dissipation stands up to challenging conditions while delivering long life and high lumen performance.

### Rugged design
- The LED housing is constructed of durable die cast aluminum, providing an efficient thermal path to the heat sink assembly
- Impact-resistant lens is sealed from the outside environment and provides ingress protection against water and dust
- Multi-die LEDs are used to provide energy-efficient, long life white light

### Robust heat sink
- Heat sink designed to perform in high ambient temperatures up to +65°C and as low as -25°C
- Thick walled castings make for a tough, rugged housing that keeps the internal driver and LED temperature down

### Easy installation and replacement
- Contractor-friendly design is ideal for both retrofit and new construction applications
- Installed using the same mounting modules as existing Hazard-Gard luminaires
- Quick-connect design facilitates installation – install and wire the mounting module, then screw in your luminaire; two start Acme threads ease and reduce installation time

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Optional color temperatures
- Warm and cool white color temperatures available

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© EVLL5/7/9L models.
Hazard-Gard EVLL
explosionproof LED luminaires
Class I, Division 1 factory sealed LED luminaire for general illumination

Part number example
nEVLL5LCA20/UNV1 S812

Certification
- n: IEC certified
- BLANK: NEC and CEC certified

Lamp / function
- 5L: 5,734 lumen LED
- 7L: 8,293 lumen LED
- 9L: 10,313 lumen LED
- 11L: 10,997 lumen LED
- 13L: 13,583 lumen LED

Color temperature
- C: Cool (5000K)
- W: Warm (3000K)

Mounting style
- BLANK: Mounting module adapter or no mounting module
- A: Pendant EVSP
- BX: Wall bracket EVSW
- CX: Ceiling mount EVSC
- J: Stanchion mount EVSJ
- MO: Mounting module adapter EVSA

Dimensions:
- Pendant
- Ceiling
- Stanchion
- Wall
- Trunnion

Accessories (ordered separately):
- Stainless steel guard: P71

Family tree:
- EV22
- EVJ2
- EV22
- EVMP2
- EVMP3
- EV33
- EVSC3
- EVSC32
- EVSA
- EVSW2
- EVSP2
- EVSP3
- EVSP25
- EVSP32
- P71

Options
- Voltage:
  - /UNV1: 120-277 VAC, 50/60 Hz; 108-250 VDC
  - /UNV34: 347-480 VAC, 50/60 Hz

Guard
- 0: No guard
- 1: Stainless steel

Hub size
- BLANK: Mounting module adapter or no mounting module
- 2: ¾" NPT (pendant, ceiling and wall mount only)
- 3: 1" NPT (pendant, ceiling and wall mount only)
- 5: 1⅜" NPT (stanchion mount only)
- 25: 25mm (pendant, ceiling and wall mount only)
- 32: 32mm (pendant, ceiling and wall mount only)

nEVLL only available with ceiling mount.
EVSA adapter for use with existing Crouse-Hinds series EVI, EVLP and EVM mounting modules.
For pendant and ceiling mount only.
Hazard-Gard EVLL explosionproof LED luminaires
Class I, Division 1 factory sealed LED luminaire for general illumination

Temperature performance data:

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. ambient temp. °C</th>
<th>Class I, Division 1</th>
<th>Class II, Divisions 1 &amp; 2</th>
<th>Class I, II, Simultaneous Presence</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVLL5L</td>
<td>40</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>65</td>
<td>T5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>EVLL7L</td>
<td>40</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
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<tr>
<td></td>
<td>65</td>
<td>T5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>EVLL9L</td>
<td>40</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>55</td>
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<td>T5</td>
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<tr>
<td></td>
<td>65</td>
<td>T5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>EVLL11L</td>
<td>40</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td>EVLL13L</td>
<td>40</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. ambient temp. °C</th>
<th>Zone 1</th>
<th>Zone 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>nEVLL 5L, 7L, 9L</td>
<td>65</td>
<td>16</td>
<td>95</td>
</tr>
<tr>
<td>nEVLL 11L, 13L</td>
<td>55</td>
<td>16</td>
<td>95</td>
</tr>
</tbody>
</table>

Net luminaire weights:

<table>
<thead>
<tr>
<th>Model</th>
<th>Lbs.</th>
<th>Kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVLL5L</td>
<td>51.76</td>
<td>23.48</td>
</tr>
<tr>
<td>EVLL7L</td>
<td>51.81</td>
<td>23.50</td>
</tr>
<tr>
<td>EVLL9L</td>
<td>52.38</td>
<td>23.76</td>
</tr>
<tr>
<td>EVLL11L</td>
<td>53.06</td>
<td>24.04</td>
</tr>
<tr>
<td>EVLL13L</td>
<td>53.00</td>
<td>24.04</td>
</tr>
</tbody>
</table>

Add mounting modules:

<table>
<thead>
<tr>
<th>Module</th>
<th>Lbs.</th>
<th>Kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendant</td>
<td>2.00</td>
<td>0.90</td>
</tr>
<tr>
<td>Ceiling</td>
<td>3.50</td>
<td>1.59</td>
</tr>
<tr>
<td>Wall</td>
<td>3.00</td>
<td>1.36</td>
</tr>
<tr>
<td>Stanchion</td>
<td>5.50</td>
<td>2.49</td>
</tr>
<tr>
<td>Adapter</td>
<td>2.00</td>
<td>0.90</td>
</tr>
</tbody>
</table>