LED lighting solutions for mining

Rugged versatility

LED lighting solutions by Eaton
Mining is an around-the-clock operation where employee safety and zero downtime are critical requirements. You need to maximize your efficiency and minimize the risk of damage to equipment or personnel. You need a partner like Eaton.

Eaton, offers a large portfolio of innovative and reliable LED products for mine-related applications, and the broadest portfolio of LED luminaires for any industrial or hazardous application.

We utilize more than 100 years of lighting expertise to optimize the benefits of LED technology to offer the safest and most reliable LED luminaires on the market today.
LED lighting solutions
engineered for mining

Champ® Series LED Floodlights
high output & durable floodlights

Champ® Series LED Luminaires
targeted illumination for multiple locations

Vaporgard™ Series LED Luminaires
rugged, dependable task lighting

LL48 Linear LED Luminaires
compact and low profile linear luminaires

Vaportite Linear LED
modular designed linear luminaire

Encounter™ LED Series
unmatched optical performance

IHB Series LED High Bay
cost-effective & efficient high bay luminaires

HB Series LED High Bay
versatile & efficient high bay luminaires

Endure™ LED
wall or ceiling mount, versatile & efficient

Crosstour™ MAXX LED
rugged, architectural style wall pack

XNV Roadway LED Luminaire
high performance, economical design

NVN Navion LED Roadway Luminaire
outstanding optical performance

Light-Pak™ N2LPS Emergency Luminaire
compact & reliable emergency lighting

CCH UX Series Exit Lighting
exit lighting for any environment
Eaton designs and manufactures a wide array of LED lighting solutions that save you energy and reduce recurring maintenance costs.

Eaton LED luminaires provide mine sites with flexibility and multiple fixture options usable in a variety of applications.

- **Conveyors**
- **Equipment**
- **Tunnels**
- **Maintenance**
- **Warehouse**
- **Processing Areas**
- **Stackers/Reclaimers**
- **Offices**
- **Walkways**
- **Roadways**
- **Parking Lots**
### High bay

<table>
<thead>
<tr>
<th>Luminaires</th>
<th>Maintenance</th>
<th>Warehouse</th>
<th>Offices</th>
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<tbody>
<tr>
<td>IHB Series LED</td>
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<td>Endure™ LED</td>
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<tr>
<td>Crosstour™ MAXX Wall Pack/Area Site</td>
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### Wall-pack/ceiling mount

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</table>

### Roadway

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>Walkways</th>
<th>Parking lots</th>
<th>Roadways</th>
<th>Maintenance</th>
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</thead>
<tbody>
<tr>
<td>XNV LED Roadway</td>
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<tr>
<td>NVN NAVION Roadway</td>
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<tr>
<td>HB LED Series</td>
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<td></td>
</tr>
<tr>
<td>Crosstour™ MAXX Wall Pack/Area Site</td>
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</table>

### Emergency & exit

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<tr>
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<th>Processing areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>N2LPS Light-Pack LED</td>
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</tr>
<tr>
<td>CCH UX Series LED</td>
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</tbody>
</table>

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**EATON LED lighting solutions for mining**
Champ® Pro PFM Series Floodlights

Overview
Champ® Pro PFM Series Floodlights are designed to provide full-spectrum, crisp, white light. Seven versions of the Champ PFM LED are available for pole and wall mounting, providing ideal solutions for a wide range of applications.

Certifications
• UL1598
• UL1598A
• cUL
• NEMA 4X
• IP66
• DesignLights Consortium® approved for select models
• UL approved up to 40°C ambient

Benefits
• Instant illumination and restrike
• Cold temperature operation; no warm-up time
• Available for wall and surface mounting
• Operating temperature range: -30°C to +55°C (-30°C to +40°C for 25L & 50L)
• Options include: Diffused glass or polycarbonate lens, bolt-on wire guard, bolt-on visor and slipfitter mounting adapters

LED system
• High brightness LEDs
• Color temperature: warm and cool options available
• Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
• Redundant drivers provide reliable operation in the harshest environments

Aiming Range
45° PAST VERTICAL
105°
60° BEFORE VERTICAL

Model Number
PFM5L
PFM7L
PFM9L
PFM11L
PFM13L
PFM25L
PFM50L
Equivalent HID Luminaire
100W-150W
150W-175W
175W-250W
250W-320W
320W-400W
750W-1000W
1500W
Typical Energy Savings/Lifetime
Up to 65% reduction in energy costs and 60,000 hours of continuous operation!
Champ® Pro PVM Series LED Luminaires

Overview
Champ® Pro PVM Series Luminaires are designed to provide full-spectrum, crisp, white light with custom Type I, III and V distribution. Nine versions of the PVM Series are available, providing ideal solutions for a wide range of applications.

Certifications
- UL1598
- UL1598A
- cUL
- NEMA 4X
- IP66
- DesignLights Consortium® approved for select models
- UL approved up to 55°C ambient

Benefits
- Instant illumination and restrike
- Cold temperature operation; no warm-up time
- Operating temperature range: -40°C to +55°C
- Optional occupancy sensor available for increased energy savings

LED system
- High brightness LEDs
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- Redundant drivers provide reliable operation in the harshest environments
- Custom optics provide IES Type I, III and V light patterns

The Champ® Pro PVM is an ideal luminaire for illuminating conveyor belts and walkways. Optics allow for increased visibility and performance.

Model Number | Equivalent HID Luminaires | Typical Energy Savings/Lifetime
--- | --- | ---
PVM3L | 70W-100W | Up to 79% reduction in energy costs and 60,000 hours of continuous operation!
PVM5L | 100W-150W |
PVM7L | 150W-175W |
PVM9L | 175W-250W |
PVM11L | 250W-320W |
PVM13L | 320W-400W |
PVM17L | 400W-600W |
PVM21L | 600W-750W |
PVM25L | 750W-1000W |
Champ® FMV Series Floodlights

Overview
Champ® FMV Series Floodlights are hazardous location rated and are designed to provide full-spectrum, crisp, white light. Five versions of the Champ FMV LED are available for pole and wall mounting, providing ideal solutions for a wide range of hazardous area applications.

Certifications
- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Groups E, F, G
- Class III
- Type 4X, IP66
- UL844; UL1598; UL1598A
- CSA C22.2 No. 137

Benefits
- Instant illumination and restrike
- Cold temperature operation; no warm-up time
- Available for wall and surface mounting
- Operating temperature range: -30°C to +55°C
- Options include: Diffused glass or polycarbonate lens, bolt-on wire guard, bolt-on visor and slipfitter mounting adapters

LED system
- High brightness LEDs
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- Redundant drivers provide reliable operation in the harshest environments

Model Number | Equivalent HID Luminaire | Typical Energy Savings/Lifetime |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>FMV5L</td>
<td>100W-150W</td>
<td>Up to 65% reduction in energy costs and 60,000 hours of continuous operation!</td>
</tr>
<tr>
<td>FMV7L</td>
<td>150W-175W</td>
<td></td>
</tr>
<tr>
<td>FMV9L</td>
<td>175W-250W</td>
<td></td>
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<tr>
<td>FMV11L</td>
<td>250W-320W</td>
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</tr>
<tr>
<td>FMV13L</td>
<td>320W-400W</td>
<td></td>
</tr>
</tbody>
</table>

Aiming Range

45° PAST VERTICAL

45°

60° BEFORE VERTICAL

Shown with optional dark sky visor and wire guard
Overview
Champ® VMV Series Luminaires are designed to provide full-spectrum, crisp, white light with custom Type I, III and V distribution.
Nine versions of the VMV Series are available, providing ideal solutions for a wide range of hazardous area applications.

Certifications
- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2, Zone 21 tb
- Class II, Groups E, F, G
- Class III
- UL844; UL1598; UL1598A
- CSA C22.2 No. 137
- Type 4X, IP66
- IECEx/ATEX Certified
- DesignLights Consortium® approved for select models

Benefits
- Instant illumination and restrike
- Cold temperature operation; no warm-up time
- Operating temperature range: -40°C to +55°C

The Champ® VMV is an ideal luminaire for illuminating conveyor belts and walkways. Optics allow for increased visibility and performance.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Equivalent HID Luminaire</th>
<th>Typical Energy Savings/Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMV3L</td>
<td>70W-100W</td>
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<tr>
<td>VMV5L</td>
<td>100W-150W</td>
<td></td>
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<tr>
<td>VMV7L</td>
<td>150W-175W</td>
<td></td>
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<tr>
<td>VMV9L</td>
<td>175W-250W</td>
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<td>VMV11L</td>
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<td>VMV13L</td>
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<tr>
<td>VMV17L</td>
<td>400W-600W</td>
<td></td>
</tr>
<tr>
<td>VMV21L</td>
<td>600W-750W</td>
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<tr>
<td>VMV25L</td>
<td>750W-1000W</td>
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</table>

Up to 79% reduction in energy costs and 60,000 hours of continuous operation!
Vaporgard™ Pro LED Series Luminaires

Overview
Vaporgard™ LED Luminaires are suitable for lower mounting heights, confined spaces, tunnels or utility rooms. This fixture delivers similar light levels to a 200W incandescent and is available in cool or warm white light.

Certifications
- UL1598
- UL1598A
- cUL
- NEMA 4X
- IP66
- DesignLights Consortium® approved for select models

Benefits
- Instant illumination and restrike
- Cold temperature operation; no warm-up time
- 22W LED system can save up to 85% in energy costs
- Operating temperature range: -30°C to +55°C

LED system
- High brightness LEDs
- Color temperature: warm and cool options available
- Advanced heat sink design ensures low LED junction temperature and sustained lumen performance
- Redundant drivers provide reliable operation in the harshest environments

Typical Mounting Options
- Pendant
- Wall
- Ceiling
- Stanchion

Model Number | Equivalent Luminaire | Typical Energy Savings/Lifetime
---|---|---
P2LC/UNV1 | 50W HID or 100-200W incandescent | Up to 85% reduction in energy costs and 60,000 hours of continuous operation!
LL48 Linear LED Luminaires

Overview
LL48 LED Luminaires allow for the replacement of existing harsh and hazardous industrial fluorescent fixtures. Used for general lighting in indoor and outdoor areas with low mounting heights or confined spaces, such as aisles, tunnels and catwalks, over doorways or entries, landing areas and utility rooms.

Certifications
- Class I, Division 2, Groups A, B, C, D
- NEMA 4X
- IP66
- UL Listed and CSA Certified
- Marine and Wet Locations

Benefits
- Linear LEDs can withstand extreme temperatures and vibration that would cause traditional technologies to fail
- Operating temperature range: -35°C to +55°C
- Versatile mounting options; uses the same mounts as eLLK/nLLK Series

Design features
- Designed to match the footprint of a traditional linear fluorescent fixture
- Same light pattern and lumen output at a fraction of the cost versus fluorescent

Model Number | Equivalent Luminaire | Typical Energy Savings/Lifetime
--- | --- | ---
LL48-60W-765/-F-1M | 2x58W fluorescent | Up to 50% reduction in energy costs and 60,000 hours of continuous operation!
LL48-60W-765/-C-1M | 2x58W fluorescent | 
LL48-60W-765/-F-1N | 
LL48-60W-765/-C-1N | 

Typical Mounting Options

- Ceiling
- Wall
- Pole
**Cooper Lighting**

**Vaportite LED Luminaires**

**Overview**

The Vaportite LED Series is an energy-efficient industrial vapor-tight fixture that features rugged and durable construction. The Vaportite LED incorporates a full metal fixture liner inside a reinforced fiberglass housing with a high impact diffuser. This Vaportite Series is suitable for interior and exterior applications and can be surface or chain mounted.

**Certifications**

- DesignLights Consortium® approved for select models*

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<th>Model Number</th>
<th>Equivalent HID Luminaire</th>
<th>Typical Energy Savings/Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT-LD2-58DR-UNV-L840-CD2-WL-U</td>
<td>150W metal halide</td>
<td>60%</td>
</tr>
<tr>
<td>VT-LD2-30DR-UNV-L840-CD1-WL-U</td>
<td>100W metal halide</td>
<td>70%</td>
</tr>
</tbody>
</table>

**Design features & benefits**

- Ideal for cold storage applications
- LEDs available in 3500K or 4000K with 85 CRI
- Wet location rated
- Narrow and wide distributions
- 2’ and 4’ housings
- Modular design with quick disconnects
- 0-10V dimming driver is standard

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**Dimensions**

- 41-1/2” [1054mm]
- Optional back hub locations
- 28-1/3” [714mm]
- 1/4” x 28” stud (2 Places)
- 45-13/16” [1265mm]

**Typical mounting options**

- Mounting brackets
- Chain hanging set
Dimensions and mounting options

**Overview**

The Metalux Encounter™ Series redefines ambient lighting by blending contemporary styling with Cooper Lighting’s proprietary WaveStream™ technology. The result is exceptional performance and superior energy savings – all at an affordable price. The highly efficient LED system with advanced optical design delivers optimal light uniformity, resulting in soft, natural light for superior visual comfort. Encounter is a perfect balance of form and function, making it an ideal choice for commercial interiors.

**Certifications**

- cULus – Damp Location Listed
- IC Rated
- RoHS Listed
- LM79/LM80 Compliant
- DesignLights Consortium® Qualified
- NOM Compliant
- CA Title 24

**Model Number** | **Equivalent Fluorescent Luminaire** | **Typical Energy Savings/Lifetime**
--- | --- | ---
22EN-LD1-34-UNV-L835-CD1-U | Parabolic troffer with (2) U6T8 lamps | 45%

**Lamp configurations**

- 2 x 2
- 2 x 4
efficiency & value

Crouse-Hinds
by EATON

IHB Series LED High Bay Luminaires

Overview
IHB Series LED Luminaires are the perfect replacement for 400W HID and 4-6 lamp T5HO fluorescent high bay fixtures. The IHB is designed for locations requiring continuous and consistent light levels and areas that are difficult to maintain.

Certifications
• Meets UL1598 and cUL construction requirements
• DesignLights Consortium® approved for select models

Design features & benefits
• High efficiency serviceable drivers
• Powder coated white painted sheet metal body
• Mounting bracket for 3/4” pendant mount conduit or aircraft cable hook/cord mounting option
• Available with optional occupancy sensor
• Aluminum heat sinks for superior thermal management
• Two discrete LED boards for uniform illumination
• Tempered and clear glass lens cover

Model Number | Equivalent HID Luminaire | Typical Energy Savings/Lifetime
--- | --- | ---
IHB13L2A/UNV1 | 400W | Up to 69% reduction in energy costs and 60,000 hours of continuous operation!

Dimensions

Typical mounting options

Dimensions

Typical mounting options

Dimensions

Typical mounting options

Dimensions

Typical mounting options

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Typical mounting options

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Typical mounting options
Cooper Lighting
by EATON
HB LED Series High Bay Luminaires

Overview
The HB LED is an outstanding value for a wide variety of applications and mounting heights. Precision designed optics, multiple distributions, lumen outputs, and color temperatures make the energy-efficient HB LED the ideal solution for high bay applications.

Certifications
- cULus - Damp Location Listed
- 50° ambient rating
- RoHS Compliant
- DesignLights Consortium® approved for select models

Design features & benefits
- Three lumen package options (9000, 18,000 and 24,000)
- Two correlated color temperatures (4000K and 5000K)
- 80+ CRI
- L70 at 50,000 hours
- High efficacy with 90+ LPW
- Tool-less driver access for easy maintenance
- Precision optics – general and wide distribution
- Optional 0-10V dimming driver (15% - 100%)
- Multiple lens, wire guard options
- 5 year warranty

Dimensions

End view

Narrow distribution

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<tbody>
<tr>
<td>HBLED-LD2-9-W-UNV-L850-ED1-U</td>
<td>175W metal halide</td>
<td>40%</td>
</tr>
<tr>
<td>HBLED-LD2-18-W-UNV-L850-ED2-U</td>
<td>250W metal halide</td>
<td>30%</td>
</tr>
<tr>
<td>HBLED-LD2-24-W-UNV-L850-ED3-U</td>
<td>400W metal halide</td>
<td>40%</td>
</tr>
</tbody>
</table>
Crouse-Hinds
by EATON

Endure™ LED Wall or Ceiling

Overview
The IP66, stainless steel Endure™ LED Wall Pack features the patented, modular LED LightBAR™ technology.
The Endure LED Luminaire is available with one or two LightBAR configurations in Type II or Type V distributions.

Certifications
• UL1598
• cUL
• IP66

Design Features
• 4 point mounting for quick wall or ceiling mounting
• 50,000+ hour life with >70% lumen maintenance
• 98 lumens per watt; 0.9 power factor
• -30°C to 50°C ambient temperature rating
• Designed for indoor or outdoor use

Benefits
• Optics: Type V for general illumination or Type II for narrow illumination. Ideal for conveyors or walkways.
• Controlled distribution of light means far less light loss
• Available in 316 stainless steel
• Glass or polycarbonate lens options available

<table>
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</thead>
<tbody>
<tr>
<td>FM1 B01</td>
<td>50W</td>
<td>59%</td>
</tr>
<tr>
<td>FM1 B02</td>
<td>70W</td>
<td>43%</td>
</tr>
</tbody>
</table>

Dimensions

Top View (2 LightBAR Configuration Shown)

End View

Mounting

Side View

maximize efficiency
**Overview**

The CrossTour™ MAXX LED Wall Pack Series Luminaires provide low profile architectural style with super bright, energy-efficient LEDs. The rugged die cast aluminum construction, back box with secure lock hinges, stainless steel hardware along with a sealed and gasketed optical compartment make CrossTour impervious to contaminants.

**Certifications**

- UL/cUL Wet Location Listed
- LM79/LM80 Compliant
- RoHS Compliant
- ARRA Compliant
- NOM Compliant Models
- 3G Vibration Tested
- UL924 Listed (CBP Models)
- IP66 Rated
- Lighting Facts® Registered
- DesignLights Consortium® approved for select models

**Design features & benefits**

- Wall, inverted or pole mount. Energy saving replacement up to 400W HID
- Patent pending, heavy duty construction, maximum LED performance
- Die cast aluminum, low profile design with hinged removable door
- 50W and 85W full cutoff and refractive lens models
- Sealed LED optical chamber with 5000K or 3500K (CCT) LEDs
- Rated for -40°C to 40°C. High ambient 50°C available
- Options include: pole mount arm, dimming and occupancy sensors
- Emergency egress battery pack
- 5 year warranty

### Dimensions and mounting options

<table>
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<tr>
<th>Model Number</th>
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<th>Typical Energy Savings/Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>XTOR5A</td>
<td>250W</td>
<td>83%</td>
</tr>
<tr>
<td>XTOR5ARL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>XTOR9A</td>
<td>400W</td>
<td>82%</td>
</tr>
<tr>
<td>XTOR9ARL</td>
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**EATON LED lighting solutions for mining**
high performance

Overview
The NAVION Roadway LED Luminaire combines world-class optical performance, energy efficiency and outstanding versatility to meet the requirements of any roadway application. Patented AccuLED™ optics technology delivers unparalleled uniformity and budget-beating operating costs for municipal streets and highways. UL/cUL Listed for wet locations, IP66 enclosure rating available.

Certifications
- UL and cUL Wet Location Listed
- IP66 LED Panels
- 3G Vibration Rated
- ARRA Compliant
- ISO9001

Model Number | Equivalent HID Luminaire | Typical Energy Savings/Lifetime |
--- | --- | --- |
NVN-AA-01-E-U-T3A-10K-4-AP | 100W | 70% |
NVN-AA-02-E-U-T3A-10K-4-AP | 200W | 49% |
NVN-AA-04-E-U-T3A-10K-4-AP | 350W | 42% |

Dimensions
1, 2 or 3 LED Squares
- 5-7/16” (132mm)

2 LED Squares
- 21-1/2” (546mm)
- 27-5/8” (701mm)

3 LED Squares
- 33-5/8” (854mm)

4 or 6 LED Squares
- 19” (481mm)
- 5-7/16” (132mm)
- 27-5/8” (701mm)

6 LED Squares
- 33-5/8” (854mm)
Cooper Lighting
by Eaton

XNV LED Roadway Luminaire

Overview
The XNV LED Roadway Luminaire combines high-performance optics and a simple, economical design to deliver uniform illumination, low maintenance costs and rugged, user-friendly construction. It is designed for years of worry-free operation and is ideal for retrofits where a quick payback is as important as lighting performance.

Certifications
- UL and cUL Wet Location Listed
- IP66 Light Square
- 3G Vibration Rated
- ARRA Compliant
- UL 1449 Surge Protection
- ISO 9001

Design features & benefits
- Tool-less entry; hinged removable power door for easy maintenance
- 10kV surge protection
- Suitable for operation in -40°C to 40°C environments
- L90 60,000 hours at 40°C
- 3G vibration rated
- IP66 LED panels
- 5 year warranty

Overview
The XNV LED Roadway Luminaire combines high-performance optics and a simple, economical design to deliver uniform illumination, low maintenance costs and rugged, user-friendly construction. It is designed for years of worry-free operation and is ideal for retrofits where a quick payback is as important as lighting performance.

Certifications
- UL and cUL Wet Location Listed
- IP66 Light Square
- 3G Vibration Rated
- ARRA Compliant
- UL 1449 Surge Protection
- ISO 9001

Overview
The XNV LED Roadway Luminaire combines high-performance optics and a simple, economical design to deliver uniform illumination, low maintenance costs and rugged, user-friendly construction. It is designed for years of worry-free operation and is ideal for retrofits where a quick payback is as important as lighting performance.

Certifications
- UL and cUL Wet Location Listed
- IP66 Light Square
- 3G Vibration Rated
- ARRA Compliant
- UL 1449 Surge Protection
- ISO 9001

Dimensions and mounting options

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Crouse-Hinds

Light-Pak™ N2LPS LED Emergency Lighting System

Overview
Light-Pak™ N2LPS LED Emergency Lighting Systems are used to provide reliable illumination for egress areas, to illuminate machinery or panels during failure or interruption of power to the normal lighting system. Also used where moisture, dirt, dust or corrosion will limit the life and reliability of ordinary emergency lighting systems.

Certifications
- NEC/CEC: Class I, Division 2, Groups B, C, D, Zone 2; Class II, Division 1, Groups F, G
- UL Standards: 1598A; 924; 844
- Life Safety Code NFPA101® – Section 5-9
- Marine Wet Locations Suitability
- Type 4X

Benefits
- High temperature rated nickel cadmium battery option available for reliable operation up to 55°C ambient
- Solid state battery charger for long life and reliable battery operation prevents deep discharge by automatically disconnecting the battery from the luminaire
- Factory-installed "push-to-test" button
- Self-test, monitoring and diagnostics reduce costly maintenance checks
- Remote luminaire head assemblies (one or two) are available for mounting of luminaire heads away from main power system

Model Number Description
N2LPS 3 hour battery life
N2RF 3 hour battery life, remote lamp heads

Dimensions
CCH UX Series Exit Lighting

Overview
The CCH UX NEMA 4X Exit Sign is designed for the most severe environments; the exit sign will provide maximum performance against rain, moisture, cold, corrosives and dust. Universal configurations (single and double face) and universal mounting provide the ease of one product specifying for any job.

Certifications
• Class I, Division 2, Groups A, B, C, D, T5 lamp rating with HAZ option
• NEMA 4X Listed with dual voltage input 120/277 VAC, 60 Hz
• UL FTBR Listed when specified with the “2C” option
• NSF National Sanitation Foundation/Splash Zone (for food processing)
• Suitable for wet and damp locations; meets most state and local codes

Design features & benefits
• Die cast aluminum housing
• Can be ceiling, wall or end mounted
• Watchguard EMS self-diagnostic system
• Universal configurations (single and double face) and universal mounting provide the ease of one product specifying for any job
• Self-diagnostics, photocell testing, LED technology and nickel cadmium battery provide long life and low maintenance
• Injection-molded, clear, polycarbonate shield not only provides protection against moisture and rain, but also vandalism
• Four Torx® head tamper-proof screws with center pin reject provide additional vandal-proof security

Model Number Description
CCH UX60 Single sided exit sign (AC only)
CCH UX70 Single sided exit sign (self-diagnostic with battery)
Robust performance above

over 100 years of proven solutions
and below ground

Crouse-Hinds underground mine train headlight, patented March 23, 1903
For more information:
If further assistance is required, please contact an authorized Eaton Distributor, Sales Office, or Customer Service Department.

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