



# Industrial Lighting



plan.

build.

maintain.



# ABOUT US



## neoteric

*adjective* | (nee-oh-TAIR-ik)  
new, advanced, modern

At Neoteric Innovations, we are facility experts. Our CEO's background as a master electrician, with fifteen years' experience in large-scale construction and facility management, sets the tone for the company. We value integrity, honesty, craftsmanship, and real-world experience. Curiosity drives us: we love to build, create, solve problems, and dig into the technical details others overlook. Together, we help deliver facilities with fewer surprises, lower operating costs, and longer lifecycles.

## Our Vision

We bring together ideas and technology, rooted in field experience, to transform how facilities are designed, delivered, and operated to maximise their lifecycles.

## Our Mission

We collaborate with owners, designers, and contractors to plan, build, and maintain resilient, sustainable facilities through expert advice, innovative products, and integrated systems.



## Lighting as a System

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At Neoteric Innovations, we look beyond individual luminaires to understand how every component — from LED chipsets and optics, to mounting, wiring, power management, and controls — works together within the broader facility. This integrated approach maximises energy efficiency, occupant comfort and safety, simplifies installation, and extends overall asset lifecycle. We deliver robust industrial lighting with fewer surprises and lower long-term operating costs.

# Great Lighting Starts with a Plan

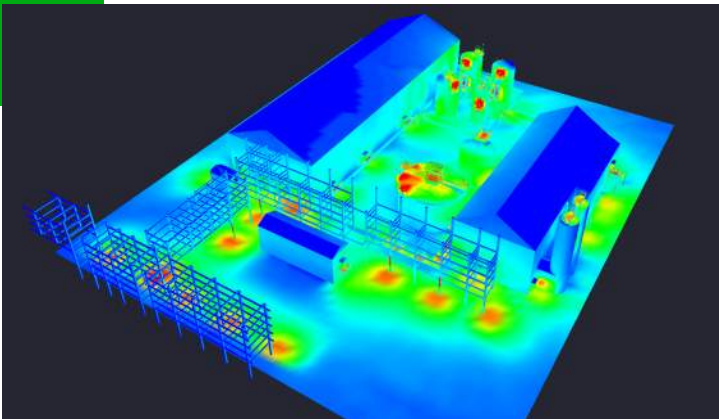


Complimentary lighting layout, analysis and design services

From simple layouts to site-wide solutions, we collaborate with facility owners, designers, and contractors to deliver optimal industrial lighting with the lowest lifecycle cost. As members of the Illuminating Engineering Society, we base our recommendations on the latest industry practices and guidelines.

Our experts determine the precise location and mounting of each luminaire, while addressing special conditions such as hazardous dust or gas zones, wet locations, ambient temperature extremes, mounting challenges, and control requirements.

We bring it all together with detailed lighting layouts, illumination plots, and 3D renderings. Your design team can incorporate these directly into the BIM model for your facility. We also provide clear installation details, to set your construction team up for success — with fewer surprises on site.



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Sawmill Lumber Transfer Conveyor  
High Level, AB

## Good Lighting is Good Safety

Effective industrial lighting does more than illuminate — it is a key contributor to worker safety. We design systems that deliver:

- Enhanced visual acuity with natural daylight colour
- Reduced harsh shadows to improve hazard identification
- Lower glare for greater visual comfort and reduced eye strain
- Instant-on performance with no warm-up period
- Integrated battery backup options for emergency lighting
- Easy access from platforms, reducing work-at-height risks

The result is a safer workplace with fewer incidents, reduced maintenance needs, and smoother day-to-day operations.



## Field Tested & Installer Approved

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We've partnered with trusted manufacturers to provide lighting solutions that perform reliably in the harshest conditions

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### Rugged & Reliable

Our luminaires feature epoxy-potted drivers, premium LED chipsets, heavy-duty housings and mounting brackets, corrosion-resistant materials and finishes, and impact-resistant lenses.

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Lumisave

Swivelpole™

NOVA  POLE

### Fully Certified

All products are tested to North American standards and certified for the specific environment in which they will be installed — whether General, Wet, or Hazardous locations (Zone 1, Zone 2, Zone 21, or Zone 22).

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### Speedy Delivery

Manufactured or warehoused in Western Canada, most orders ship direct to site in one to two weeks.

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### Options & Customisation

Luminaires are available with custom coloured LEDs, diffused lenses, custom mounting brackets, battery backup, and pre-wired cordsets. Poles are offered in custom finishes with a full range of accessories.

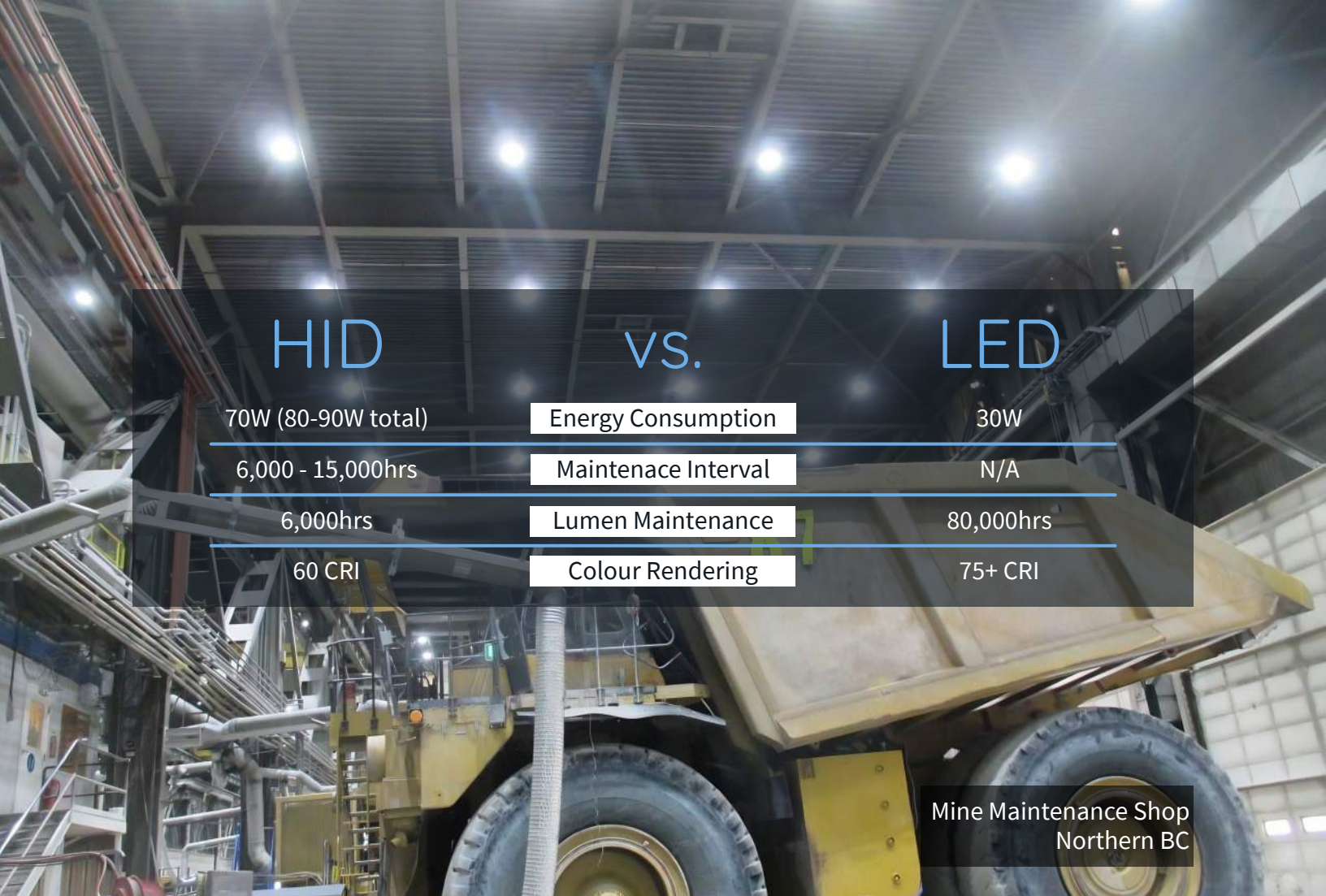
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### Smoother Installations

We supply everything needed — luminaires, poles, junction boxes, connectors, mounting hardware, contactor panels, and controllers — to save time on site and reduce installation headaches.







# HID

# vs.

# LED

70W (80-90W total)

Energy Consumption

30W

6,000 - 15,000hrs

Maintenance Interval

N/A

6,000hrs

Lumen Maintenance

80,000hrs

60 CRI

Colour Rendering

75+ CRI

Mine Maintenance Shop  
Northern BC

## Upgrades That Keep Saving

A light source is considered to have reached end of life once it drops to 70% of its original output. While HID lamps typically last only 6,000 hours, our advanced LED solutions deliver 80,000 hours and beyond.

Upgrading even one legacy luminaire saves significant energy, while removing more than 13 maintenance cycles. Across a full facility, these reductions in energy, labour, and downtime compound into substantial long-term savings.

### NOTES

Lumen Maintenance — The gradual dimming of a light source to 70% of its initial output, measured in hours. Colour Rendering — How accurately a light source displays colours, with 100 being 'perfect' under noontime sunlight.

# Maximise Asset Lifecycle

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Combining practical upgrades, easy-to-maintain designs, and reliable long-term support — our lighting delivers lower operating costs and fewer surprises for years to come.

## Upgrade Legacy Systems

Simple adapter kits let our LED luminaires quickly replace older Crouse or Appleton HID fixtures — usually without conduit or cabling modifications — for fast upgrades with minimal downtime.

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## Access Made Easy

Swivelpole lowering systems allow walkway and platform installations to be serviced safely from ground level — eliminating work-at-height risks and removing the need to rent an elevated work platform.

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## Warranty

We stand behind every product we supply with industry-leading manufacturer warranties — typically five years on luminaires — giving you confidence in long-term performance.

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## Ongoing Support

Should a luminaire fail outside of warranty, factory repair is often available at a fraction of the cost of a new unit — helping you avoid unexpected replacement expenses.



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Agriculture



Oil & Gas



Forestry



Mining



Shipping &  
Transport



Utility



Thermal Energy Plant  
High Level, AB

## Ready to Illuminate your Facility?

Let us **plan, build, and maintain** your industrial lighting for lower operating costs, improved safety, and longer lifecycles.

[neotericinnovations.ca](https://neotericinnovations.ca) | 866.871.9307

