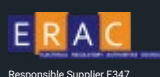




HAZARDOUS AREA LIGHTING CATALOGUE

EDITION 1

Partner with an award-winning LED company





Artificial light specification in hazardous environments demands more than a product solution.

The path to risk mitigation starts with the selection of the right working partner who can bring a depth of lighting design knowledge and manufacturing experience to the table.

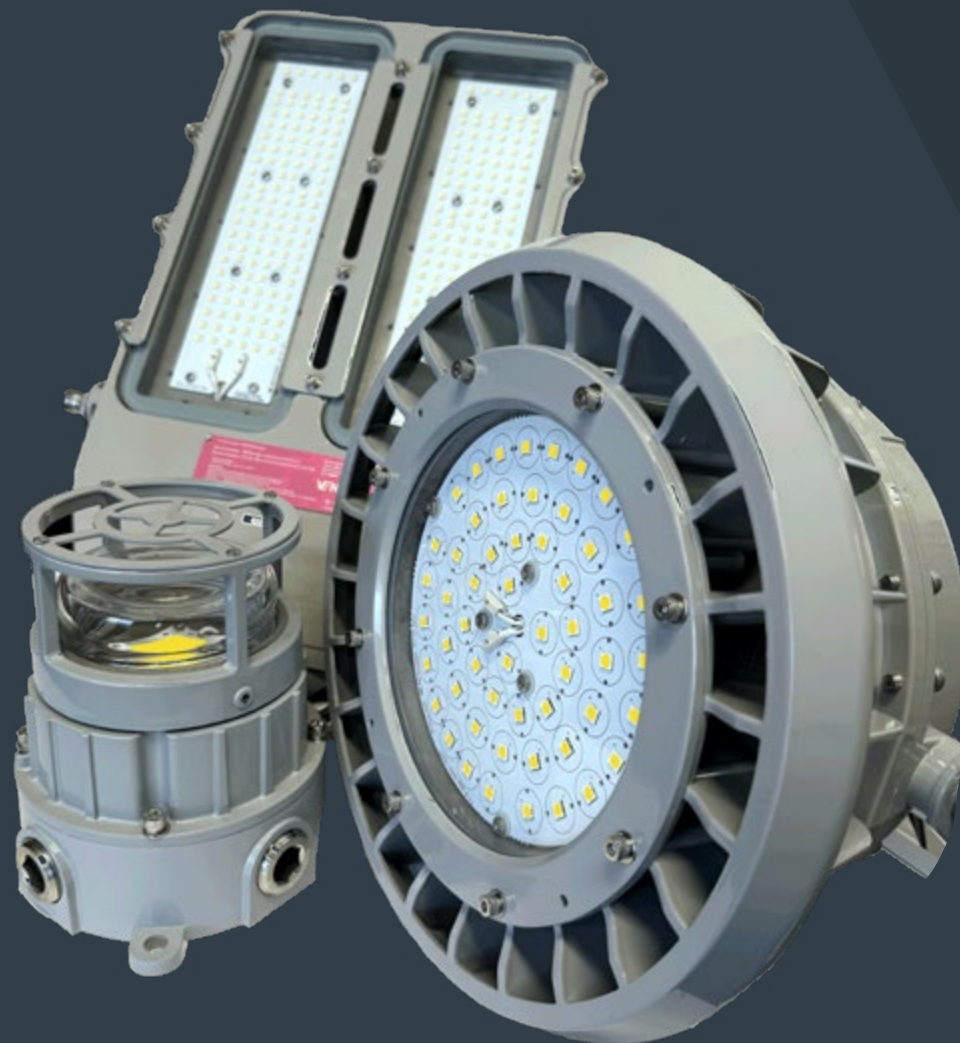
Lumitex has been working with LEDs for more than 25 years.

As an Accredited Member of the Lighting Council Australia, and underpinned by ISO 9001 Quality Management Systems, you can be assured that our Team can be trusted to deliver a compliant lighting solution to meet and exceed expectations.

Whatever the hazardous environment, Lumitex has a safe lighting solution to bring the project to life while meeting all applicable Australian standards...

...and we are local and Australian owned.

Call or email us to discuss your next lighting project.



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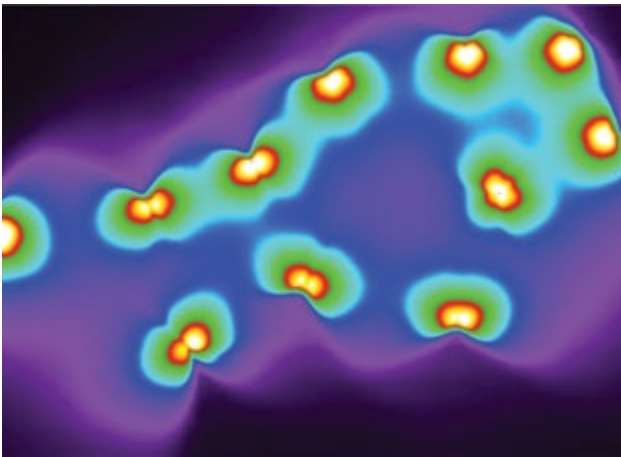
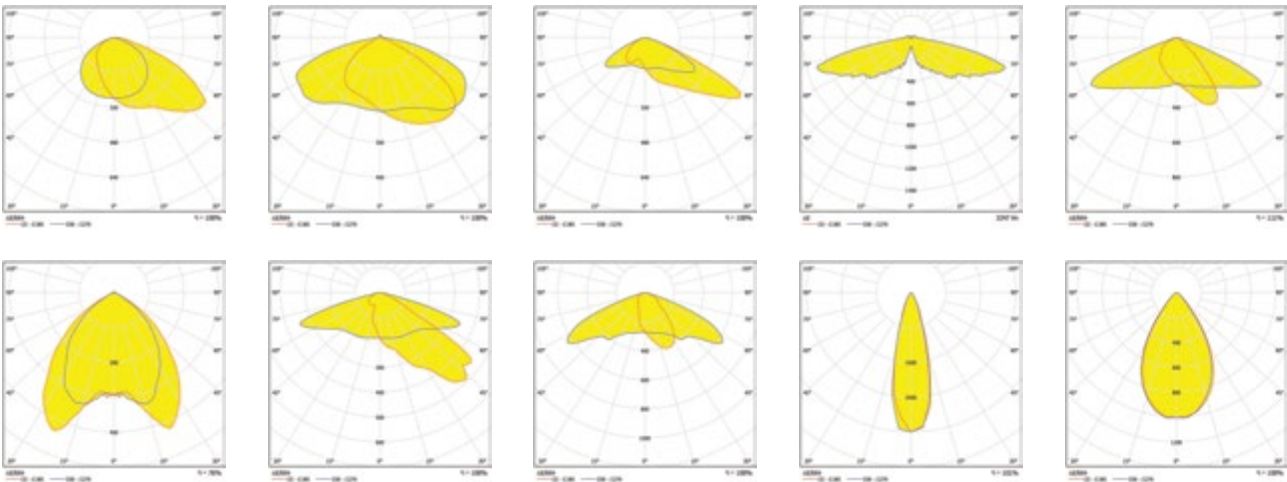
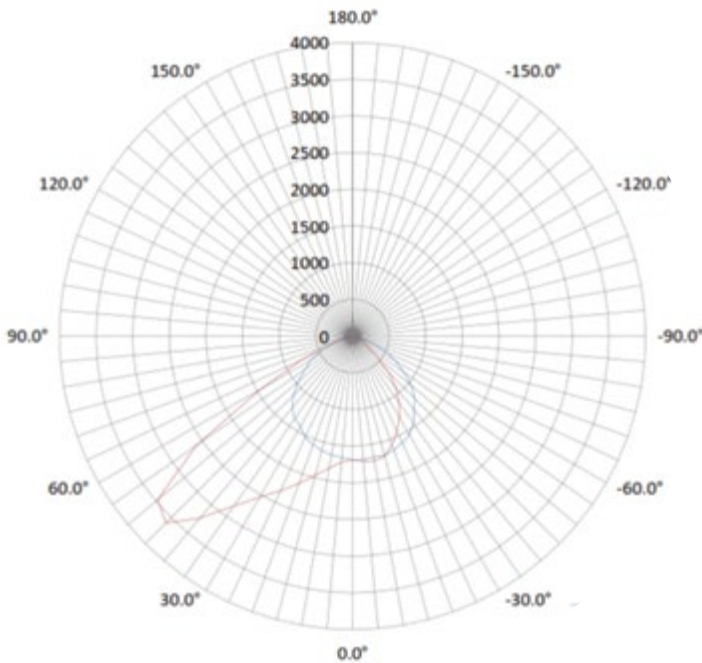
Lighting Design Services

Lumitex offers a complimentary commercial lighting design service to assist with product selection. This is a critical element of a successful project, given the very wide selection of solutions available.

Our lighting design service will consider many aspects of the proposed installation, including minimum lighting levels, obtrusive light, glare, environmental factors, colour temperature and suitability for the application.

Lumitex is proficient with Dialux and AGi32 design software, allowing a prediction of the performance before installation, saving time and removing uncertainty. We are conversant with the latest Australian lighting Standards, ensuring our design is compliant for the chosen application.

Lumitex products are available to order with an increasing number of options. Getting it wrong can be costly, which makes our complimentary design service exceptional value.



Lumitex has IECEx-certified solutions for Zones 1/2, Zones 21/22.

Contact our technical team for guidance.
projects@lumitex.com.au

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Compliance and Safety

Be assured that Lumitex products meet or exceed the latest Australian Standards. All testing is performed in Accredited laboratories.



EMC Testing Laboratory



Hazardous Area lighting requires a high level of scrutiny and several layers of compliance to ensure performance, safety and longevity, particularly in harsh environments.

As a result, testing encompasses various aspects for each lighting category, including radio frequency emissions, safety, photometric performance, impact resistance, water ingress protection, vibration resistance, salt resistance, and other relevant criteria. Our commitment to meticulous

attention to detail and the provision of high-quality lighting solutions is reflected in our adherence to ISO 9001:2015 Quality Management standards.

This has provided confidence to the mining industry, local and state government and large scale construction and engineering companies.

Lumitex LED lights are specified both in Australia and overseas, where quality and performance are primary considerations.

The Lumitex checklist

✓ Safety
✓ EMC

✓ Performance
✓ Quality

✓ Support
✓ Innovation



A custom floodlight is assessed for performance in a photometric testing device.

Hazardous Area Lighting

LumiHaz™ XP4

The LumiHaz XP4 LED fixture is engineered for marine and hazardous environments, in the presence of flammable vapours or gases or combustible dusts as defined by IECEx.

Various options are available to customise this product according to specific site requirements.

The luminous output of this series ranges from 3,300lm to 13,000lm.



FEATURES

- ADC12 Aluminium Housing
- High Luminous Efficacy
- Full Range of Optics for a Wide Variety of Hazardous Industrial Lighting Applications such as Power Plants, Wastewater Treatment Plants, Oil&Gas Drilling Rigs, Shipyards, Petrochemical Plants, Coal Mines, etc.
- 5 Year Warranty

ZONE
2/22

ZONE
1/21

IK07

IP66



5
Year
Warranty



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Hazardous Area Lighting

LumiHaz™ XP5, XP7, XP9

The LumiHaz XP5, XP7 and XP9 LED fixtures are general purpose hazardous area lighting solutions with various optical configurations available. Our technical Team can assist with lighting design to support the relevant Australian lighting Standard.

The luminous output of the XP5 series ranges from 6,500lm to 31,200lm.

The luminous output of the XP7 series ranges from 13,000lm to 58,500lm.

The luminous output of the XP9 series ranges from 6,500lm to 31,200lm.

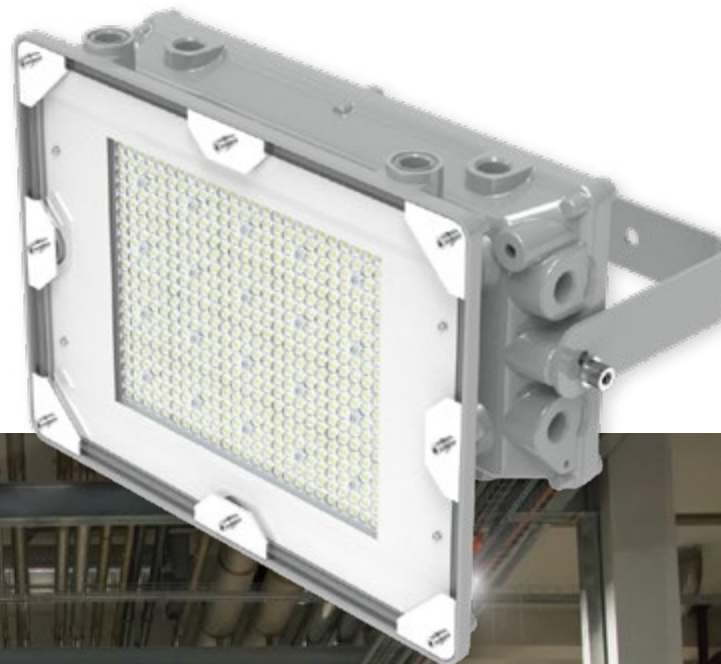
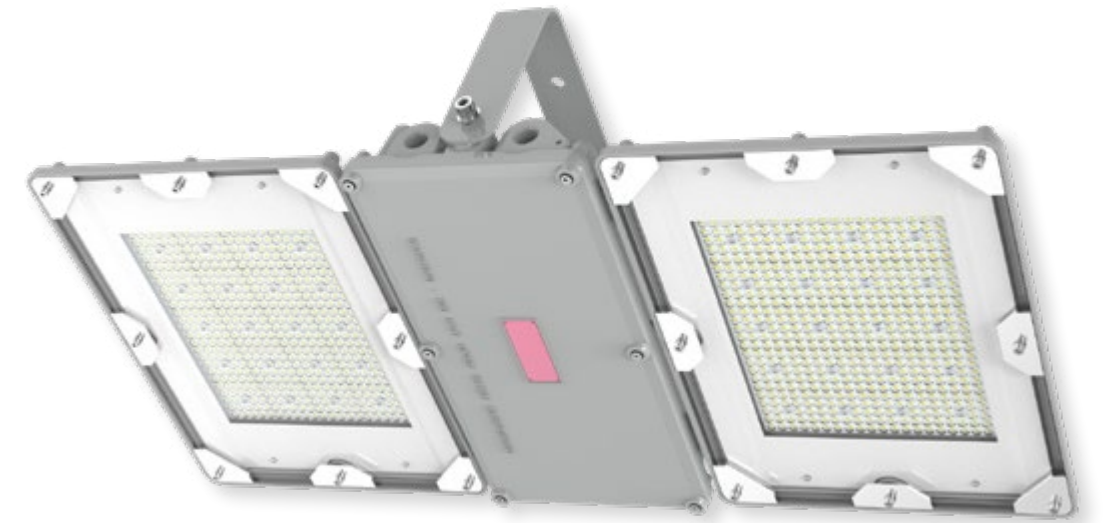
FEATURES

- High Impact Resistance
- Copper Free Aluminium Body
- Full Range of Optics for a Wide Variety of Hazardous Industrial Lighting Applications such as Power Plants, Wastewater Treatment Plants, Oil&Gas Drilling Rigs, Shipyards, Petrochemical Plants, etc.

XP7



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XP5

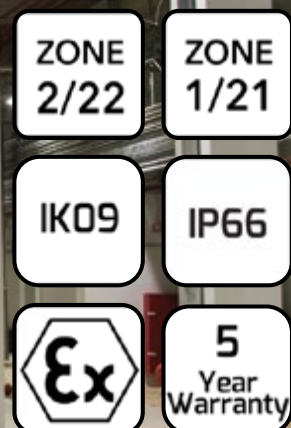


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XP9



Hazardous Area Lighting

LumiHaz™ XPA

The LumiHaz XPA is a general purpose floodlight available with an optional emergency back-up system.

A range of optics allows wide area coverage or controlled output to restrict light spill.

The luminous output of the XPA series is 2,600lm to 26,000lm.

FEATURES

- High-quality copper-free aluminium housing
- Full range of optics for a wide variety of hazardous industrial lighting applications
- Marine-grade powder coating
- 5 Year warranty
- Emergency option available



LumiHaz™ XPB

The LumiHaz XPB is a general purpose linear LED light with a robust aluminium housing and marine-grade corrosion resistant coating. This product can be ordered with an emergency battery back-up system.

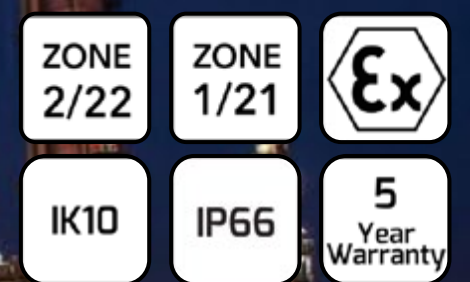
The luminous output of the XPB series ranges from 2,600lm to 15,600lm.

FEATURES

- ADC12 aluminium housing
- Rugged and compact construction
- Suitable a wide variety of hazardous industrial lighting applications
- Available in three lengths
- 5 Year warranty
- Emergency option available



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Hazardous Area Lighting

LumiHaz™ XPC

The LumiHaz XPC is a battery powered LED hand-held lamp engineered for hazardous environments, particularly in areas where flammable gases or combustible dusts are present as defined by IECEx (Group II, Zone 2 IIC T4 gas explosive atmospheres as well as Zone 22 IIC T135°C dust explosive atmospheres).

FEATURES

- Excellent energy efficiency
- Lithium-ion battery
- Three light modes: strong, flash and work light
- Over-charging and short-circuit protection
- Warning light function (yellow) with S.O.S signal
- Magnetic base
- Waterproof and impact-resistant
- 5 Year warranty



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Hazardous Area Lighting

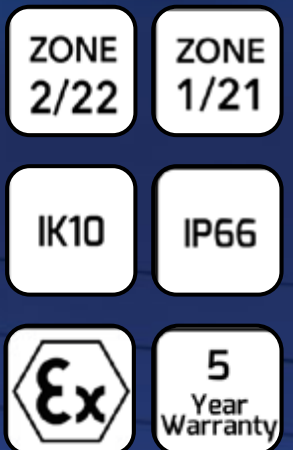
LumiHaz™ XPF

A linear Ex lighting solution suitable for hazardous environments, available in five lengths and various optical configurations.

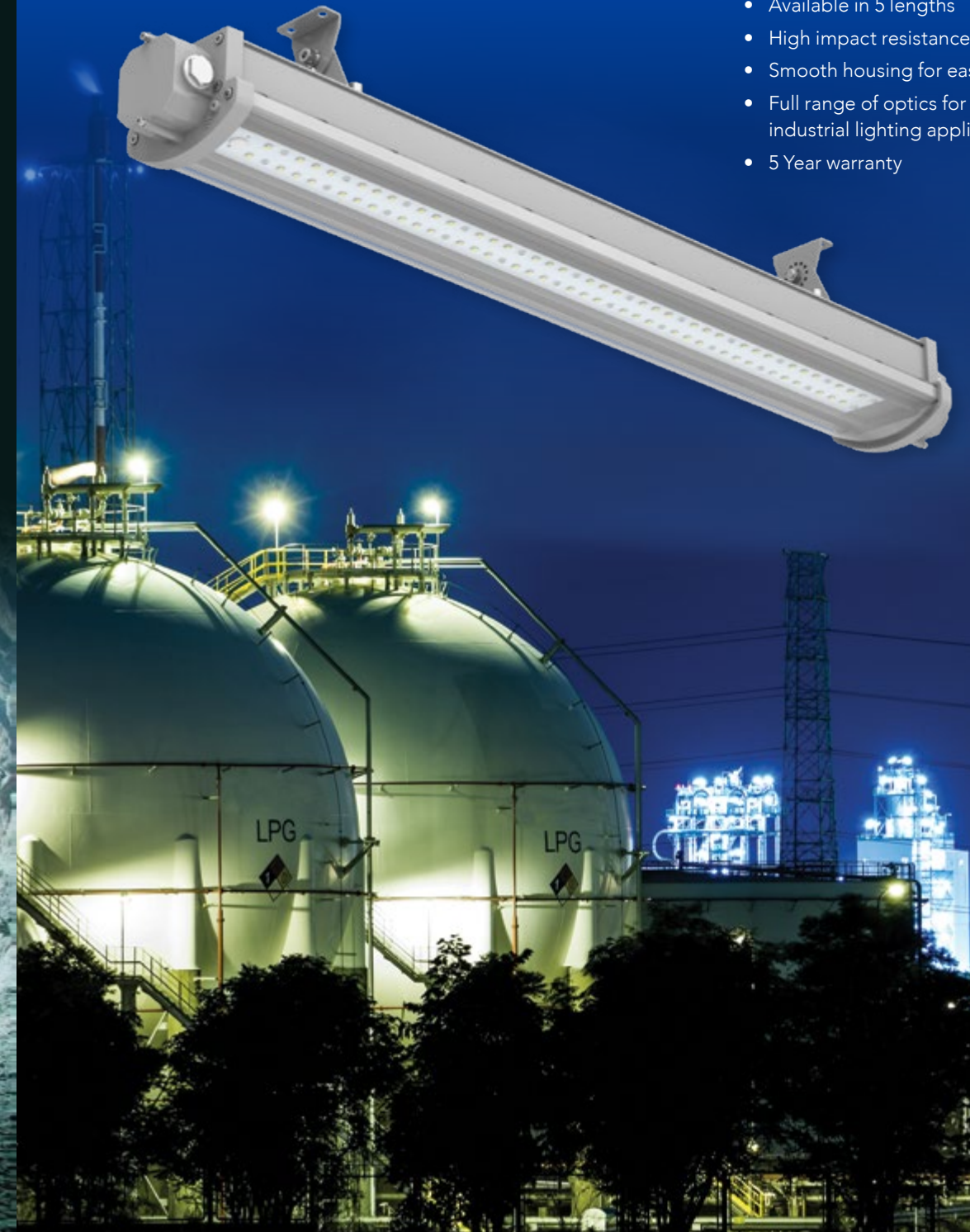
The luminous output of this series ranges from 2,400lm to 12,600lm.

FEATURES

- Flexible wiring access on both sides of the fixture
- Available in 5 lengths
- High impact resistance
- Smooth housing for easy cleaning
- Full range of optics for a wide variety of hazardous industrial lighting applications
- 5 Year warranty



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Hazardous Area Lighting

LumiHaz™ XPD

The LumiHaz XPD series LED fixture is designed with flexible ceiling mounting options in hazardous environments where flammable vapours, gases or combustible dust is present as defined by IEXeX.

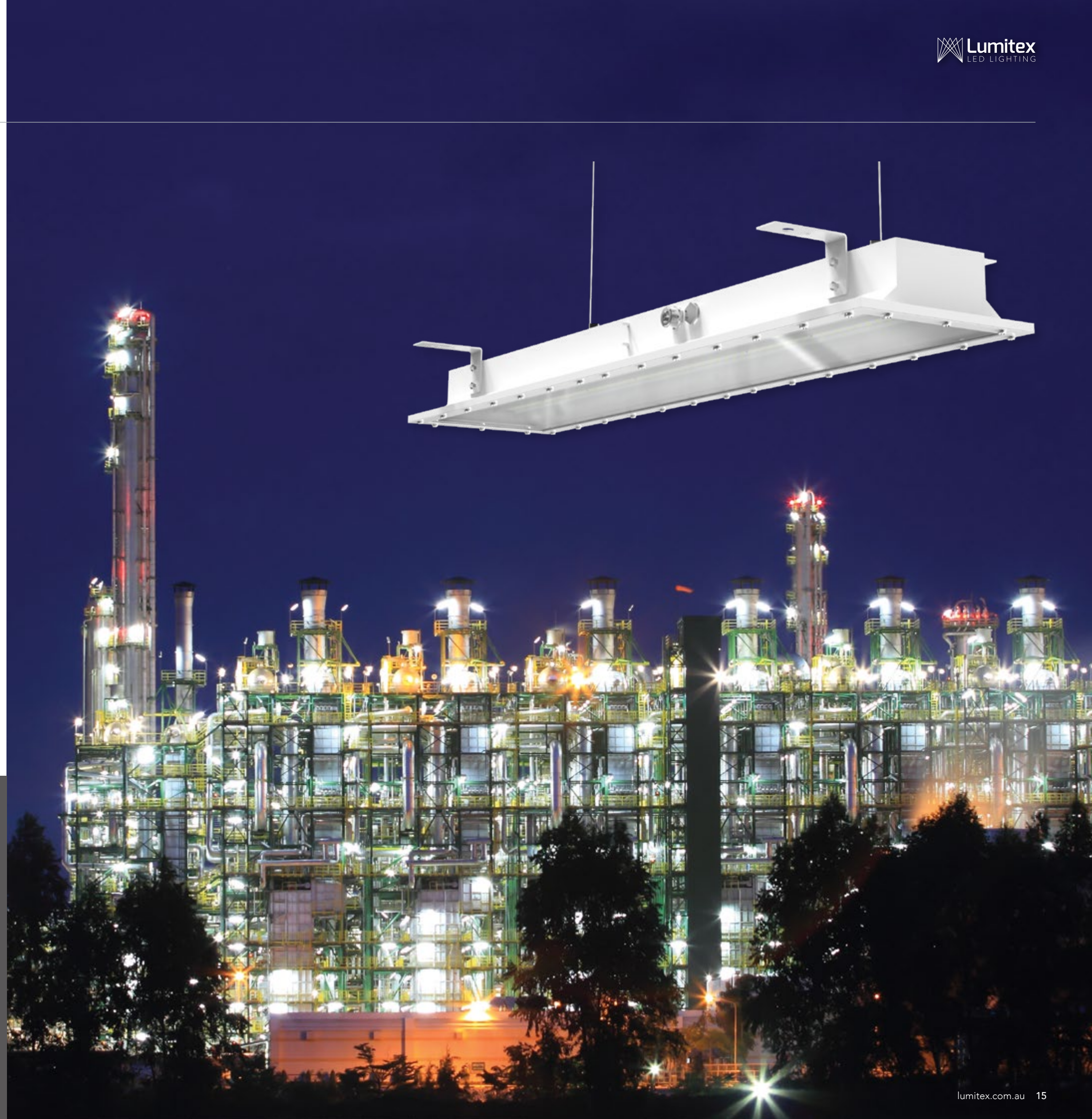
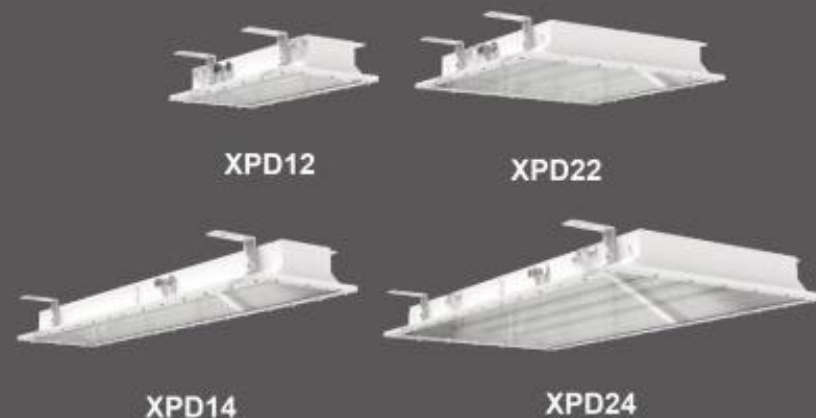
The luminous output of the XPD series ranges from 1,800lm to 24,000lm.

FEATURES

- Al6063 aluminium housing
- Over-voltage, over-current & short-circuit protection
- Suitable a wide variety of hazardous industrial lighting applications
- Flexible and easy installation
- 5 Year warranty



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Hazardous Area Lighting

LumiHaz™ XPH

The LumiHaz XPH and XPI LED fixtures offer high performance in a linear package to provide compliant lighting solutions in harsh environments.

To ensure specific site requirements are met, various customisation options are available for these product.

The luminous output of the XPH and XPI series ranges from 2,800lm to 16,800lm.



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FEATURES

- Copper-free aluminium housing
- Suitable for a wide variety of hazardous industrial lighting applications
- Excellent corrosion resistance
- Flexible and easy installation
- 5 Year warranty glass

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IK10 IP66

Ex 5
Year
Warranty

LumiHaz™ XPI



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1/21 ZONE
2/22

IK10 IP66

Ex 5
Year
Warranty



Hazardous Area Lighting

LumiHaz™ XPQ

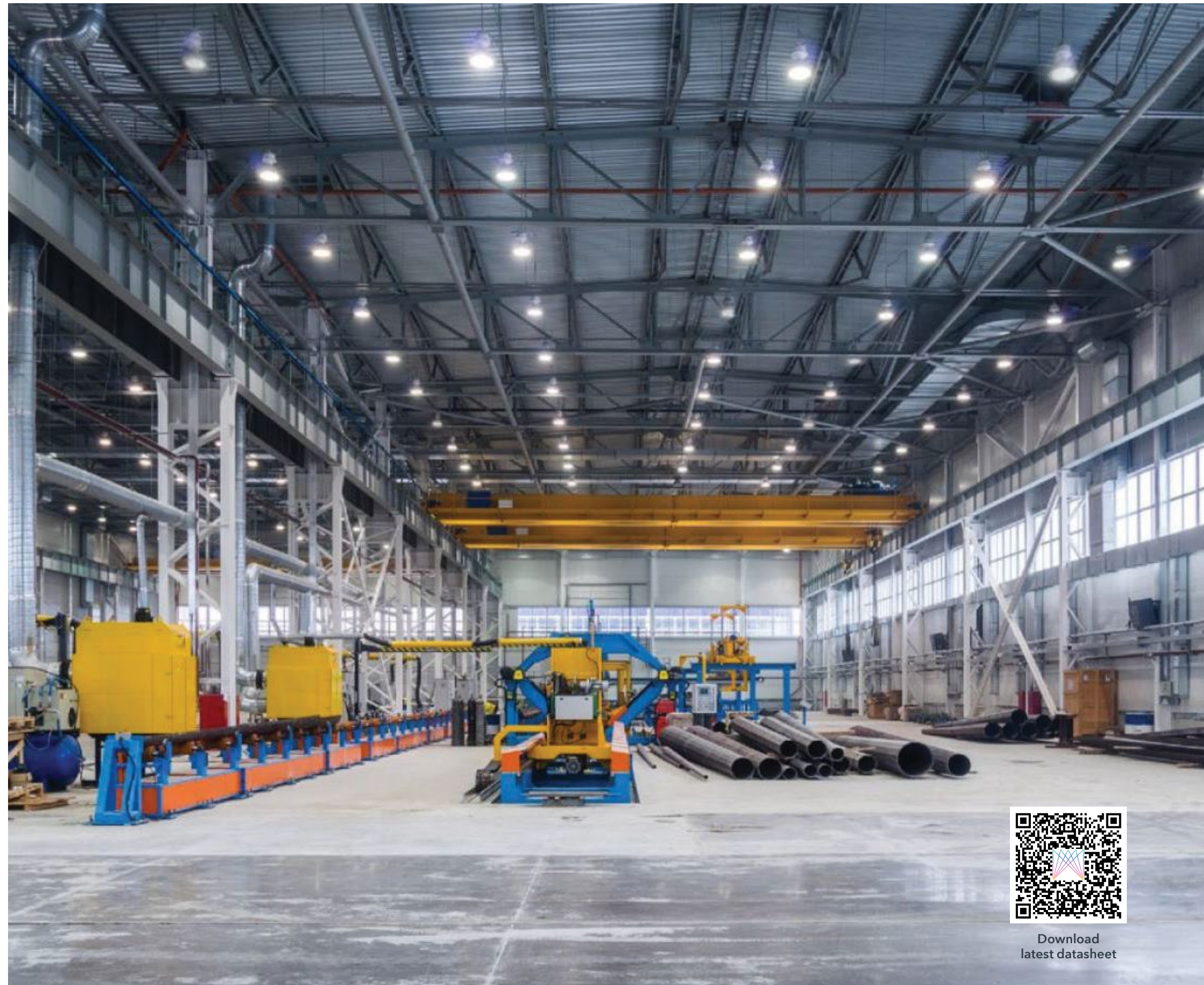
The LumiHaz XPQ is designed for high ceiling applications in hazardous environments where good lighting uniformity is required at task level.

The luminous output of the XPQ series ranges from 2,600lm to 26,000lm.



FEATURES

- Isolated LED Compartment
- Suitable a Wide Variety of Hazardous Industrial Lighting Applications
- Excellent Shock & Vibration Resistance
- Flexible and Easy Installation
- 5 Years Warranty



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Accessories

A range of Ex rated accessories, including switches, junction boxes and cable glands are available to meet stringent installation requirements.





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LED LIGHTING

Working with LEDs since 1996



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