

Ex-floodlight PXLED

PRIMARY APPLICATIONS

- Suitable for nearly every kind of task lighting in hazardous areas, including applications in on- and off-shore, heavy industrial, chemical, petrochemical, oil and gas, pharmaceuticals, shipyards, dockyards, power generation, paper mills and wastewater treatment.
- Suitable for indoor and outdoor with potentially explosive areas under harsh conditions like vibrations, dust, moisture or corrosive atmospheres and extreme temperatures.

LUMINAIRE MODELS

Model	Equivalent HID luminaire	Energy savings
PXLED-5L	70W	Up to 70%
PXLED-10L	70W-150W	
PXLED-15L	150W-250W	
PXLED-20L	250W-400W	
PXLED-25L	400W	
PXLED-30L	400W-600W	

CERTIFICATION AND COMPLIANCES

- The luminaire shall be supplied with a declaration of conformity for selling within the European Union. The fittings shall be conforming to the regulation 2014/34/EU as following:
- Gas Ⓧ D II 2 G Ex db eb op is q IIC T4 Gb
- Dust Ⓧ D II 2 D Ex tb op is IIIC T100°C Db
- IECEx certificate should be also available as following
- Gas Ex db eb op is q IIC T4 Gb
- Dust Ex tb op is IIIC T100°C Db
- Ambient temp.: -50 °C up to +55 °C

ELECTRICAL RATINGS

- Voltages: 110-277 VAC / 127-270 VDC
- Input power: 49W, 98W, 147W, 196W, 245W, 294W

OPTIONS AND ACCESSORIES

- Lumen level: 5,000 - 32,000 lumens
- Wide and narrow beam pattern (asymmetric beam on request)
- Mounting: swivel bracket for PXLED
- Replaceable driver in Ex-e driver chamber for easy maintenance



High efficient power LED module with 110 lumen/watt allows up to 70% energy-cost savings compared to conventional HID lamp

DESIGN FEATURES

- A. Replacement of conventional light fittings up to 600 W** - With a luminous flux from 5,000 lm up to 32,000 lm this floodlight series can be used to replace nearly every floodlight with conventional light sources with an equivalent power consumption from 70W up to 600W.
- B. High efficient LED technology** - High efficient power LED module with 110 lumen/watt enables up to 70% energy-cost savings compared to conventional HID lamp.
- C. Modular design, just use the size you need** - Six sizes are available from nominal 5,000 lm to more than 30,000 lm with a step-wide of 5,000 lm.
- D. Easy to install** - A stainless steel swivel bracket with adjustable setting angle allows an easy alignment of the floodlight.

