



LBX

LED Bulkhead up to
1500 lumens

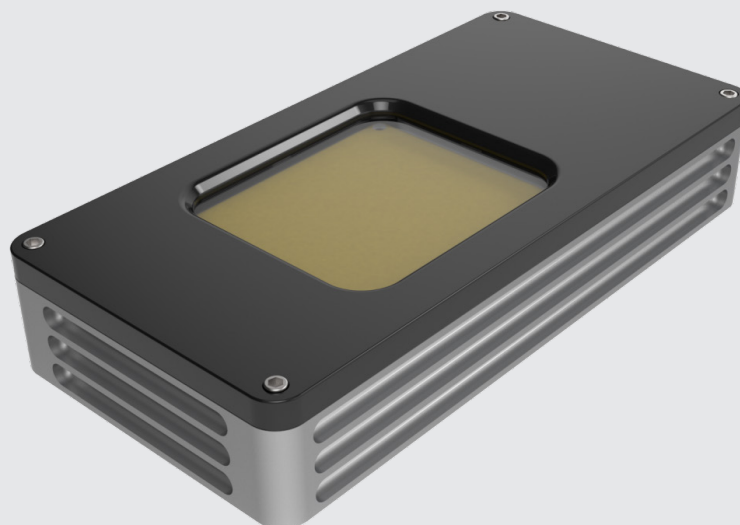
Overview

Lumenox design and manufacture an extensive range of LED-based luminaires suitable for both hazardous and industrial environments. Manufactured in the UK and engineered to the highest standards, the Lumenox LBX offers excellent efficacy, low maintenance, low cost of ownership, extended operational life and minimal on-site maintenance. Attention to detail at every stage from concept through to manufacturing has ensured that the LED light engine operates under reduced stress, both electrically and thermally, thus resulting in a luminaire with excellent lifetime characteristics. A wide mains input voltage range ensures compatibility with an on-site supply voltage from 110-240 volts at 50-60 Hz. The cast aluminium housing is built complete with an ultra-clear, toughened glass window. In line with our exacting design, manufacturing, QA and testing standards, all Lumenox units are produced to provide a low carbon footprint whilst ensuring optimum illumination year after year, even in the most demanding applications.



Features

- Solid state lighting technology
- Encapsulated optical engine
- Advanced diffuser design
- Lumen output options 800-1500lms
- System efficacy approx. 100lm/W
- Power options, from 8-15w
- Operational life > 100,000
- Input voltage 110-240VAC
- Variable operating temperature
- Weatherproof to IP65
- Rugged marine grade alloy





Technical Specification

Application	Oil & Gas, Marine, Utilities, Civil Engineering, Aviation, Heavy Industrial, Petrochemical, Automotive
Ingress Protection Rating	IP65
Operating Temperature	-20°C to +55°C
Certification	ATEX, IECEx , II 2 G D, Ex e mb IIC T4 Gb, Ex tb IIIC T135°C Db, Ta= -20°C to +55°C
Weight (Without bracket)	5kg
Light source	High Power LED
Material Specification	Cast Aluminium housing with toughened glass window
Input Voltage Options	110-240V AC 50/60Hz
Estimated Luminaire Life*	>100,000 hours
Light Output (Lumens)	Options from 800-1500lms
Power Consumption (Watts)	8-15w
System Efficiency	100lm/W

LUMENOX

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