

BERGER-N-LED

FOR HAZARDOUS AREAS

NEW HIGH-BAY for ATEX ZONE 2/21, 22



BERGER-N-LED

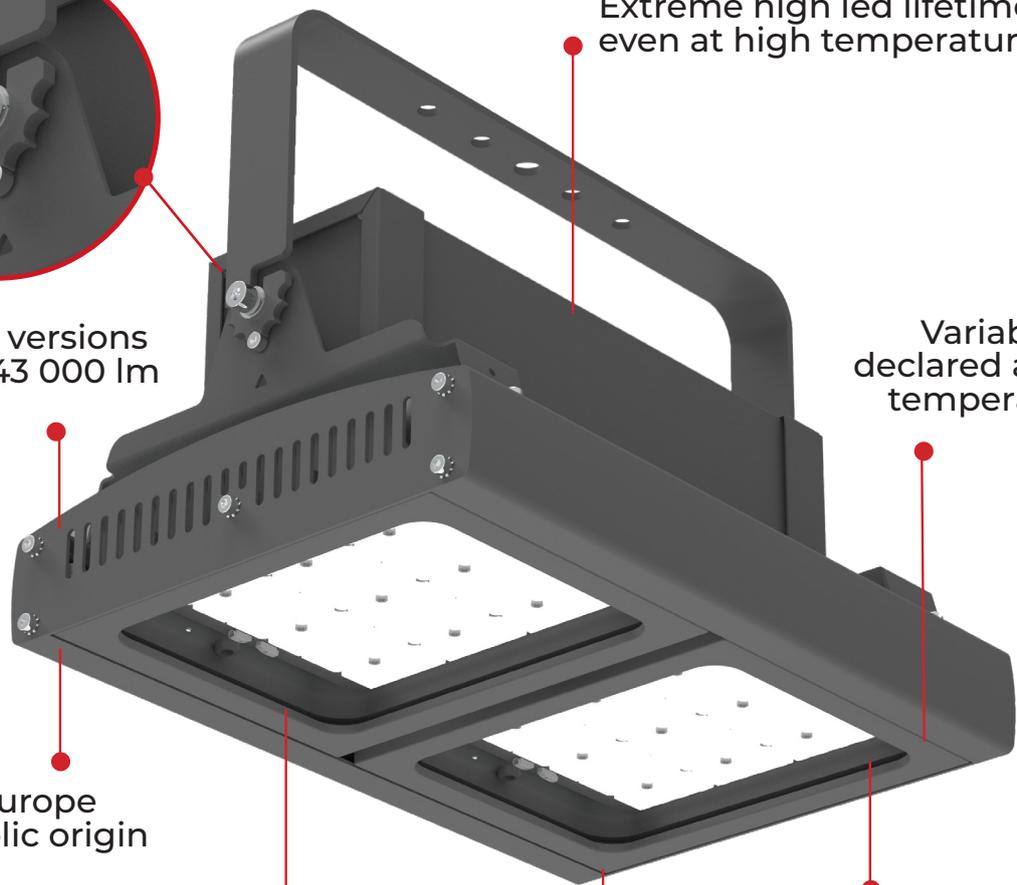
Option of adjustable installation
adjustable bracket on request only



Extreme high led lifetime
even at high temperatures

Luminous flux versions
from 8 000 to 43 000 lm

Variability
declared ambient
temperatures



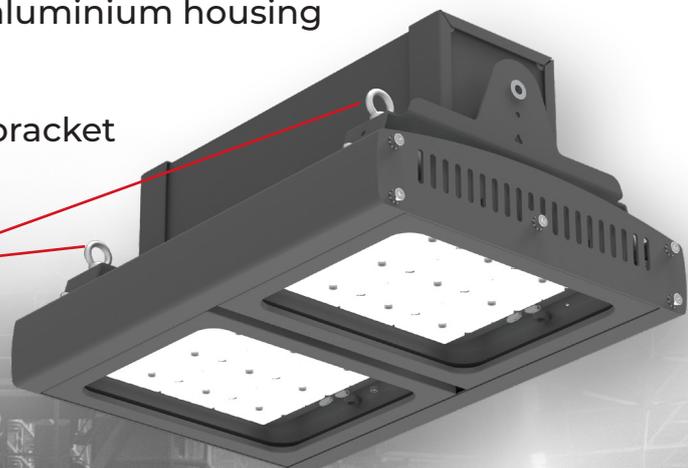
Made in Europe
Czech Republic origin

ATEX certification
ZONE 2/21, 22

High efficiency
up to 167 lm/W

Robust aluminium housing

Standard equipment - stainless steel bracket



CHARACTERISTICS

APPLICATION:

Robust explosion-proof **HIGH-BAY LED luminaire** designed for lighting of hazardous areas **ATEX ZONE 2/21, 22**. Housing made of extremely durable aluminium (RAL7043). Cover made of clear tempered safety glass. Optic system inside guarantees various lumen curves for different applications. High quality electronic components guarantee **high efficiency up to 167 lm/W and extremely long lifetime 100 000 h even at high temperatures**. **Modular system** allows to choose the luminous output according to project needs. **Dust and water proof with a rating IP66**. It can be operated at temperatures **from -40°C to +60°C**. Excellent heat dissipation due to additional cooling of each luminaire modul. For suspended or surface mounting. Adjustable bracket allows a wide variety of applications.

BALLAST:

EP – electronic - 220–240 V, 50/60 Hz

LIGHT SOURCE:

LED, 4000 K, CRI +80, MacAdam3.

HOUSING:

Aluminium profile RAL 7043.

DIFFUSER:

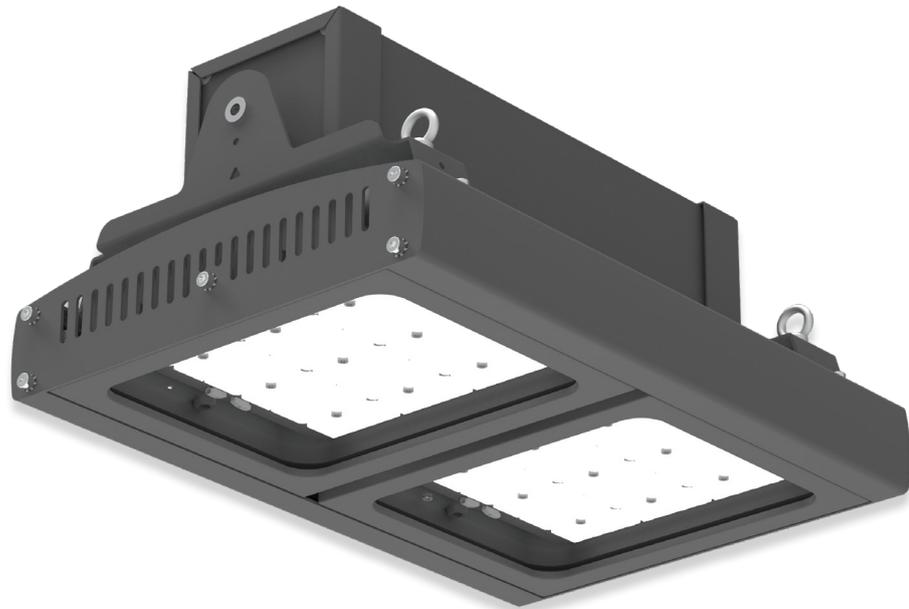
Clear tempered safety glass.

FASTENING:

Suspended by means of brackets or surface mounted by means of adjustable bracket (adjustable bracket on request only).

CONNECTION:

By means of 2 m cable. T50/T60 versions are as standard equipped with plastic cable gland.



STANDARD EQUIPMENT:

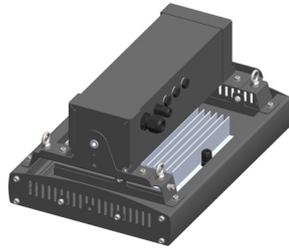
4x stainless steel suspending M5 bracket, 2 m cable (3x1,5 mm²).

LIFE TIME OF LED MODULES:

L90B50 Ta25 – 50 000 h;
L80B50 Ta25 – 150 000 h;
L70B50 Ta60 – 100 000 h.

VARIANTS OF LUMINAIRE

1M - 1 module



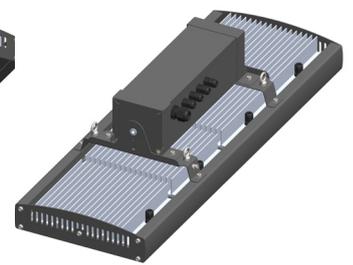
2M - 2 modules



3M - 3 modules



4M - 4 modules



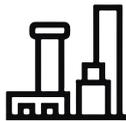
TYPICAL APPLICATION



Factory



Oil & gas



Petrochemical



Oil refinery



Power plants

