





# EXPLOSION PROOF FLOOD LIGHT 100W A SERIES ZONE 2 LOOX

## OVERVIEW

An industrial lighting solution designed for demanding environments. It illuminates work areas to support visibility during daily operations. Its robust construction suits challenging operating conditions. Intended for oil and gas facilities, marine installations and chemical processing sites, subject to the approved area classification.

## PRODUCT VARIANTS & TECHNICAL DATA

| Code | Type / Description | Wattage(W) | Total Luminous Flux(lm) | Luminous Efficacy(lm/W) | CRI (Ra) | IP Rating | Emergency Back up | Zone |
|---|---|---|---|---|---|---|---|---|
| LIEA2G01004<br>LIEA2G01005<br>LIEA2G01006 | 4000K / 5000k / 6500K, Gray, Explosion Proof Lights, Zone 2 | 100W | 14000 | 140 | >70 | 67 | No | 2 |

## TECHNICAL DATA

| | |
|---|---|
| **Frequency** | 50/60 |
| **Input Voltage** | 200-250 |
| **Life Span** | 78000 |
| **IK** | 08 |
| **Surge Protection** | |
| **Protection class** | Tempered glass & PC |
| **SDCM** | >3 |
| **Ambient temperature(Ta)** | T5: -40°C to +45°C (-40°F to +113°F); T6: -40°C to +40°C (-40°F to +104°F) |
| **Operating temperature** | -10~+60°C |
| **Product Face Size (mm)** | 375*340*215 |
| **Product Weight (gr)** | 6950 |
| **Power Factor** | 0.95 |
| **Beam Angle** | 40°/45°/60°/90° |

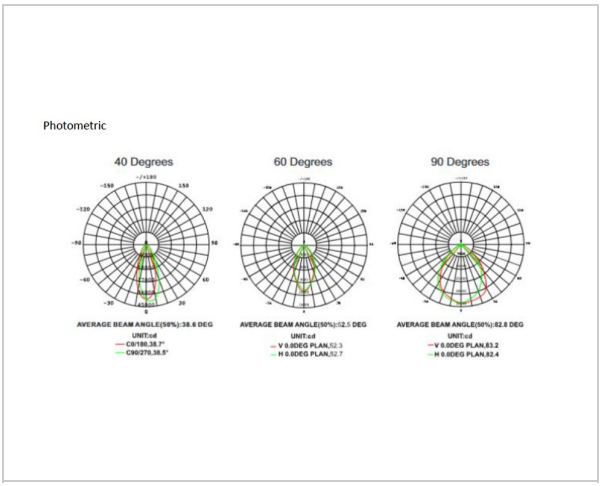
## MATERIALS / TYPE

| | |
|---|---|
| **Body** | Copper-free aluminum |
| **Diffuser** | Tempered glass & PC |
| **Mounting Type** | Ceiling, Wall, Hook, Pole, Stanchion |
| **Cable & Gland Type** | Side: 3/4 NPT, M20, M25, 1/2NPT Top: 3/4 NPT, M25 |

# INSTRUCTION

| | |
|---|---|
| **Instruction Manual** | |

# PHOTOMETRIC DIAGRAMS




*Beam angle / polar diagram*

## APPLICATION AREAS

- Oil & Gas Processing Facilities
- Refineries & Petrochemical Plants
- Offshore Platforms
- Marine & Industrial Facilities
- Metal treatment
- Other high humidity, high dust, high temperature, vapor locations













