





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
LIEA2G01005	5000k, Gray, إضاءة مقاومة للإنفجارات, 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°

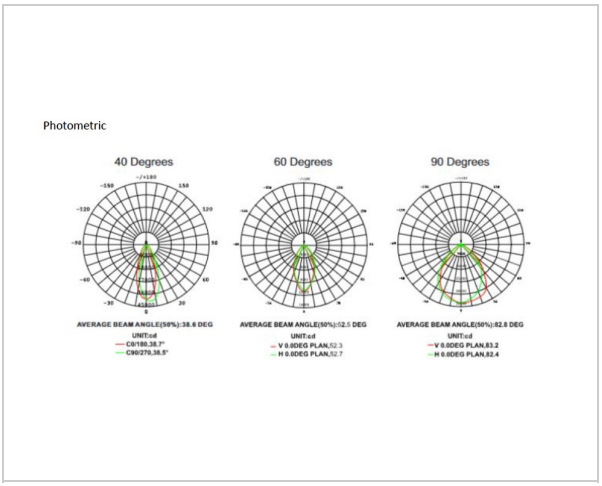
MATERIALS / TYPE

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













