



EXPLOSION PROOF FLOOD LIGHT 500W EX-FLA3 SERIES ZONE 1 LOOX

OVERVIEW

Designed for safe and reliable illumination in hazardous industrial environments. Its explosion-protected construction supports safer operation where flammable gases, vapours, or dust may be present. Ideal for oil and gas facilities, refineries, petrochemical plants, chemical factories, and other high-risk industrial areas.

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
LIEFA1G5005	5000k, Gray, إضاءة مقاومة للإنفجارات	500W	65000	130	>80	66	3 Hours	Zone 1&2, Zone 21&22

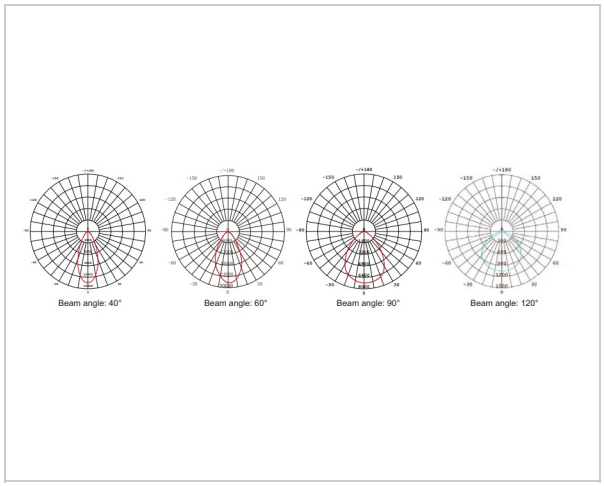
TECHNICAL DATA

Frequency	50/60
Input Voltage	100-277
Life Span	50000
IK	10
Surge Protection	10/20
Warranty	5
Product Face Size (mm)	590x464x165
Product Weight (gr)	30000
Beam Angle	40° / 60° / 90° / 120°

MATERIALS / TYPE

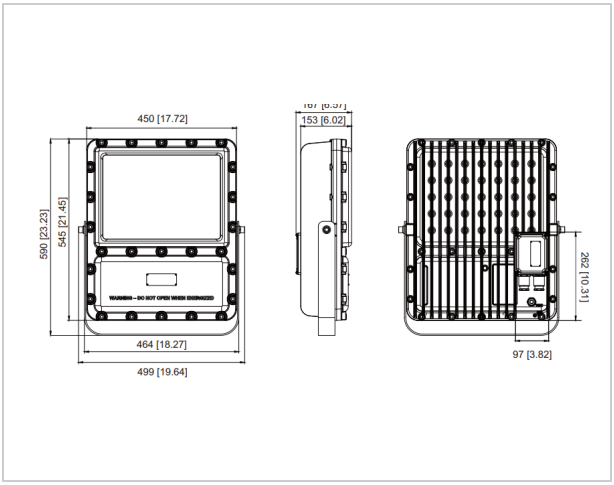
Body	Aluminum alloy A356
Mounting Type	Bracket mounting
Cable & Gland Type	2xM20 (standard); 2xM25 (optional)
Driver Brand	MEANWELL

PHOTOMETRIC DIAGRAMS



Beam angle / polar diagram

DIMENSION DRAWINGS



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

