Gamma Floodlight

LED IP66/67

Zone 1 Zone

The Gamma is a high output LED floodlight is designed for use in Zone 1 & 21 hazardous areas. The compact design and flexible mounting allows the Gamma to also be used as a lowbay.

Key Features:

- High performance LED module providing uniform and crisp white light.
- Stainless steel construction to ensure extended life in harsh conditions
- 5-year complete system warranty

Luminaire Ratings

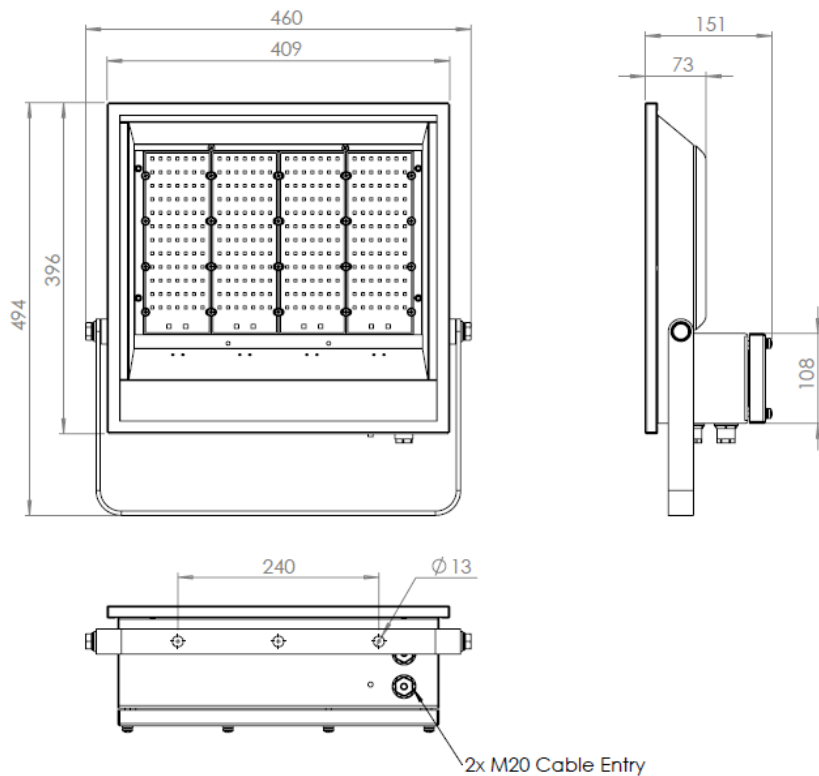| Product Reference	Colour Temperature (K)	Lumen Output (lm)	Power (W)	Temp Class and Surface Temp				Weight (kg)
				Tamb 55 °C		Tamb 40 °C		
LX1GAM4LB57	5,700	10,870	72	T3	T100°C	T4	T85°C	13

Standard Specifications

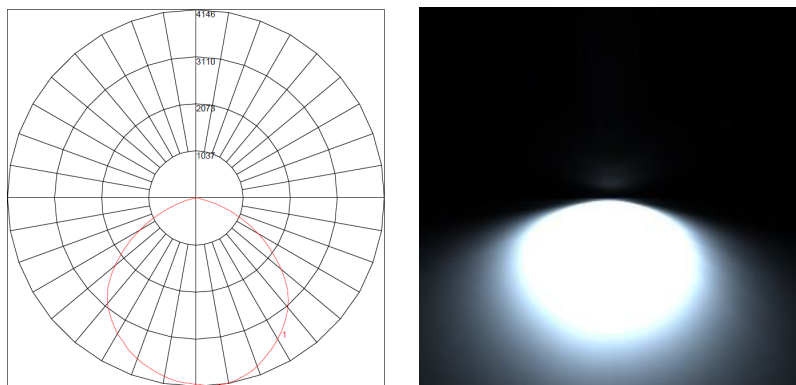|	
Luminaire Type	Zone 1 & 21 LED Floodlight/Lowbay
Ingress Protection	IP66/67 to EN60529
Ambient Temperature	-30°C to +55°C
Material	Stainless steel 316 grade housing, toughened glass window, silicone gaskets and stainless steel fixings
Lamp Types	Light emitting diode, pure white (5700K)
Colour Rendering Index	> 80
LED Life	50,000 hours L_{70} @ 50°C
Cable Entry	2 x M20 clearance holes. Supplied with 1 x Ex plug and 1 x transit plug
Terminals	Looping terminal block for up to 4mm² conductors
Control Gear	Electronic driver: EN60601-1 (CE), EN61204-3 (EMC), EN61000-4-5 (Surge Protection Class 3).
Orientation	0° to 120°
Mounting	Via saddle bracket
Supply	110 to 254V 50/60Hz ac
Certification	
Area Classification	Zone 1 & 21, Gas and Dust
Type of Protection	Ex e (Increased Safety), Ex is (Intrinsically Safe), Ex op (Optical Radiation), Ex q (Quartz Filled) & Ex tb (Dust)
Apparatus Coding*	Ex eb ib op is qb IIB T* Gb, Ex tb IIIC T*°C Db
Certificate Number	CML 16ATEX2093 / IECEx CML 16.0041

* Refer to luminaire rating table for T & ambient

▮ Luminaire Dimensions

460
409
494
396
151
73
108
240
Ø 13
2x M20 Cable Entry

▮ Photometrics

▮ Options

OPT	Diffused optic to reduce glare
M25	M25 cable entries (other thread types available on request)

Add the required suffix to the product reference.
Example: **LX1GAM4LB57M25** = Zone 1, LED floodlight with M25 entries

▮ Accessories

LX4GAM-PM1	Pole mounting bracket – 316 SS (to suit Ø35 to Ø50mm spigot)
LX4GAM-WG	Wire guard – 316 SS