



Gamma Floodlight

LED IP66/67

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

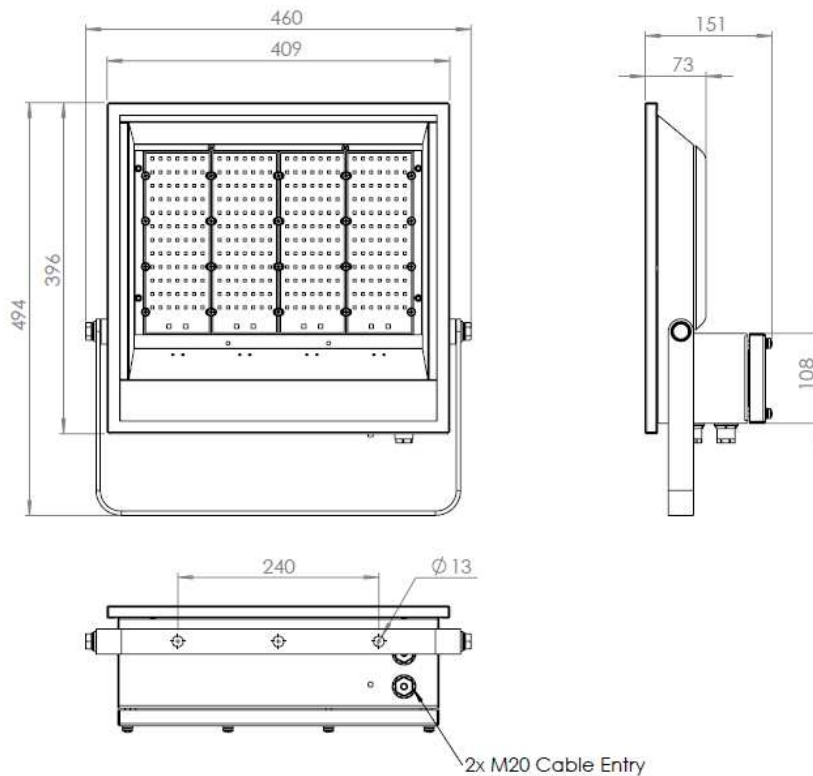
Note – A transportable mains voltage version is also available, please refer to alternate datasheet for Gamma LGT

Standard Specifications

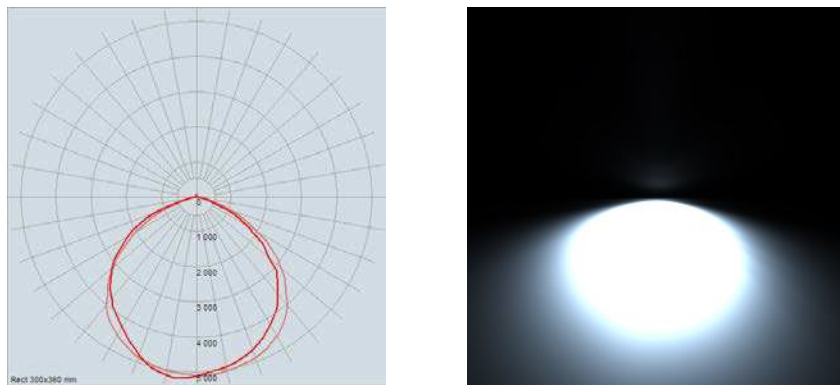
Luminaire Type	Zone 1 & 21 LED Floodlight/Lowbay
Ingress Protection	IP66/67 to EN60529
Ambient Temperature	-30°C to +55°C
Material	Stainless steel 316 grade housing, toughened glass window, silicone gaskets and stainless steel fixings
Lamp Types	Light emitting diode, pure white (5700K)
Colour Rendering 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 4mm ² 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 16ATEX093 / IECEx CML 16.0041

* Refer to luminaire rating table for T & ambient

Luminaire Dimensions



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 $\phi 35$ to $\phi 50$ mm spigot)
LX4GAM-WG	Wire guard – 316 SS