Gamma LG Luminaire

LED IP66/67

Zone 2 Zone

Ex

IECEx

The Gamma is a low glare LED hybrid luminaire designed for use in Zone 2, 21 & 22 hazardous areas. Its compact design and even optical distribution make it equally suitable for use as either a floodlight or a lowbay.

Key Features:

- Patent pending light guide technology to reduce visual discomfort give superior uniformity of light
- Marine grade stainless steel construction with built in junction box for simple installation
- Control gear with thermal cut-off protection to maintain LED life
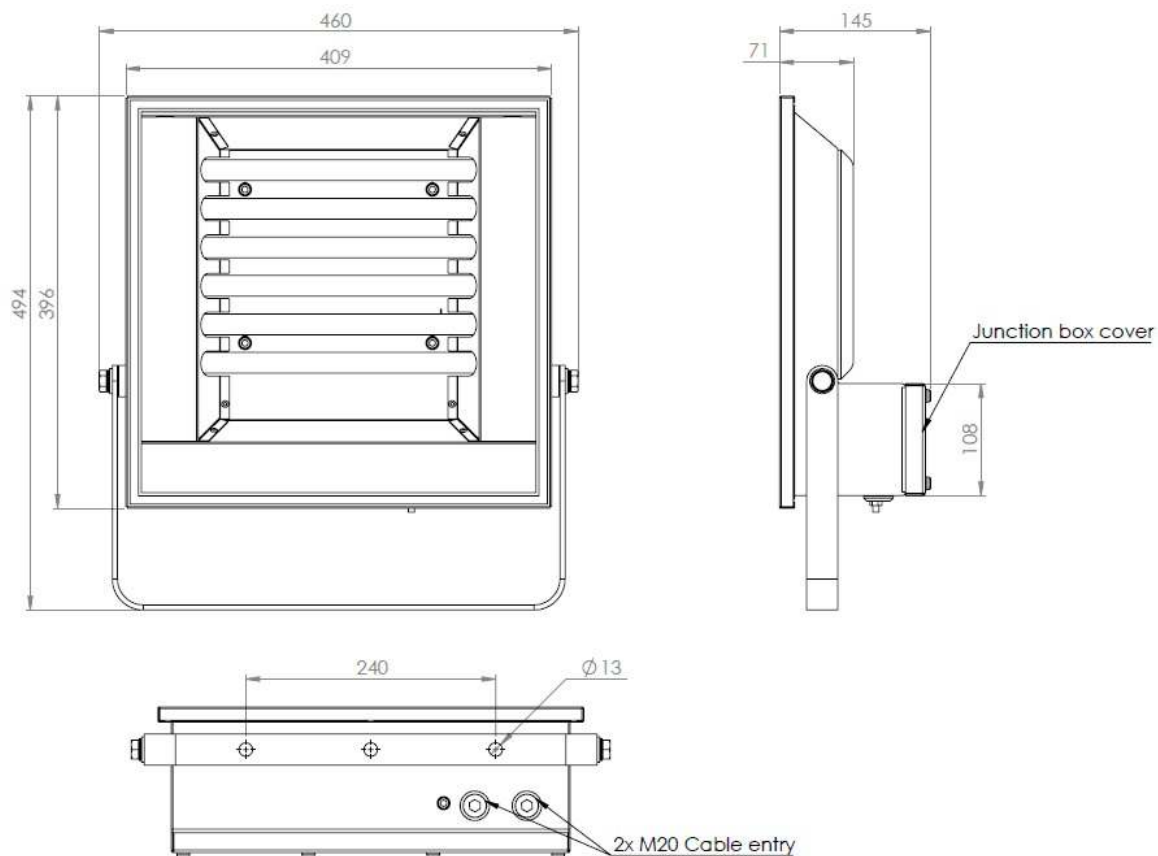- 5-year complete system warranty

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		
LX2GAM5L57	5700	4500	104	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 2 LED Floodlight
Ingress Protection	IP66/67 to EN60529
Ambient Temperature	-50°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	HF electronic driver with overvoltage and harmonic protection to EN61000-3-2, EN 61000-3-3 and EN 61000-4-5
Orientation	0° to 120°
Mounting	Via saddle bracket
Supply	110 to 240V 50/60Hz ac
Certification	
Area Classification	Zone 2, 21 & 22, Gas and Dust
Type of Protection	Ex nA (non-sparking), Ex tb & Ex tc (Dust)
Apparatus Coding	Ex nA IIC T* Gc, Ex tb IIIC T**°C Db and Ex tc IIIC T**°C Dc
Certificate Number	ATEX 15ATEX3045, 15ATEX4042 / IECEx CML15.0022

Options

M25	M25 cable entries (other thread types available on request)

Add the required suffix to the product reference.
Example: **LX2GAM6L30M25** = Zone 2, low glare LED floodlight with M25 entries

Accessories

LX4GAM-PM1	Pole mounting bracket – 316 SS (to suit Ø35 to Ø50mm spigot)
LX4DEL-WG	Wire guard – 316 SS