

Flood Light FL37 - Marine Grade

-  IP66 / IK08
-  Class I
-  AC100-240V
-  Surface Mounted Luminaire
-  Highly recyclable
-  50K hours lifetime
-  Anti Corrosion Coating



Product Features:

- ✓ The LED flood light delivering top of the line efficiency and versatility that a truly optimized approach to each application.
- ✓ High thermal conductivity, low light decay, solid color light, no ghosting, no glare. The LED flood light is easy to install and has a long life, making it perfect for indoor and outdoor areas.
- ✓ Heavy duty die-cast aluminum housing with advanced thermal transmission ensures the best performance of heat dissipation
- ✓ With the high efficiency performance, along with our professional grade lens design, this light can consistently provide up to 150lm/w
- ✓ IP66 rated waterproof, dust-proof, anti-corrosion for harsh environment. suitable for boats, watercraft, used as fishing light, star lights, utility, marine lights, deck lights, ect.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Equipped with ORSAM LED Chips



Product Specifications:

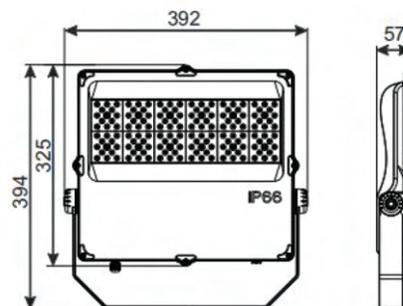
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughened Glass
- ✓ Outstanding Working Temp: -30+50°C
- ✓ Delivered Lumen Output: 150lm/W
- ✓ Color Render Index > 70

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL37-060	060 W	9000 lm	337x269x57
FL37-100	100 W	15000 lm	394x392x57
FL37-120	120 W	18000 lm	394x392x57

Selectable Options

CCT	Beam Angle	Body Color
 3000K	 90°	 White
 4000K	 120°	 Black
 6500K		 Grey



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ELECTRICAL SYSTEM

- Input voltage: 100-240V, 50/60Hz, class 1 dividers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: <20% at full load
- Integral 10kV surge suppression protection standard
- Dimmable: 1-10V dimming Optional
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current.
- 10V source Current: 0.15mA

ANTI MARINE COATING

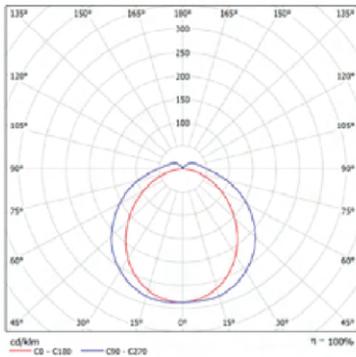
- Polyester based powder coatings designed for the exterior environment.
- Offering very good light and weather resistance.
- Pass-800 hours Neutral Salt Spray, creep less than 2mm from scribe as per ISO 9227

Electrical Data*				
NOMINAL POWER(W)	System Watts 120-240V	Total Current (A)		
		120V	208V	240V
Max 1.5A				
120W	120W	0.85	0.51	0.48

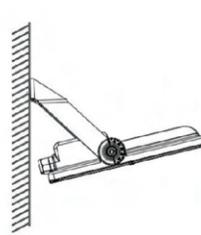
* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-240V +/- 10%



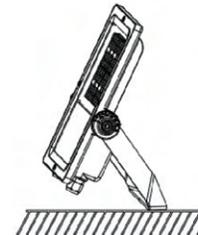
PHOTOMETRY



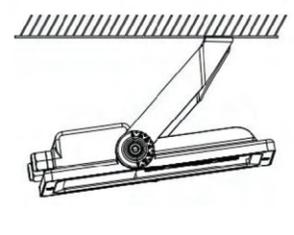
INSTALLATION



Wall Mounting



Setting Mounting



Ceiling Mounting

120° Distribution*		
NOMINAL POWER(W)	5700K	
	Initial Delivered Lumens*	BUG Ratings** Per 120° Degree
Max 1.5A		
120W	18000 Lumen	B4 U3 G1

Package Informations			
Type	N.W/Pcs	G.W/Ctn	Carton Size
FL37	4.0kg	4.8kg	440x420x115mm