



MARINA

GFL700

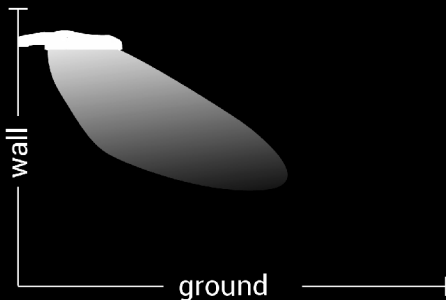
Anti-Corrosion

Asymmetrical Flood Lighting

Outstanding Performance

Marina Flood Light

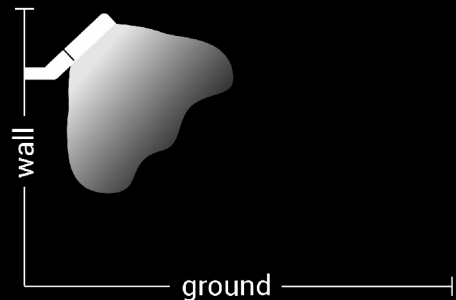
Light to where needed.



30% BETTER
LIGHT UNIFORMITY

Other Common Flood Light

3X more glare.



up to 10% MORE
LIGHT POLLUTION

Why we design MARINA?

Feedback: customer installed the common floodlights in the saline environment, a few months later, the bracket and housing all rusted.



- SPCC bracket
- Normal surface treatment

Could you advise a flood light with corrosion resistance?

Demand: customer asked for floodlight needs to be placed into the indoor swimming pool, light must be resistant against Chlorine.

- Most floodlights are fitted with vent, Chlorine air could go inside via this and affects the lifespan of LEDs.



What kind of fixtures are suitable?

Salt Spray Verification



72 hrs

Cheap version



500 hrs

Normal version



1,200 hrs

Luminaire and bracket endure salt spray testing for 1,200hrs+

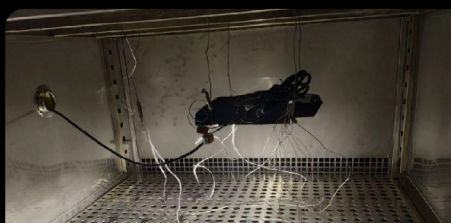
GLight MARINA



2,000 hrs

Further test result stay tuned

Other Reliability Tests



Temperature measurements+TM21



IPX6 Test



IPX6 Test



Mechanical load testing



IK Test



Package Drop Test

Structural Features

Optic system

ONE-SHEET lens easy to be exchanged, and it covered by tempered glass avoids getting yellowing.

Metallic parts

Screws and cable glands all made by stainless steel, surface treated by GEOMET technology, Chrome-free.

Mechanical housing

Pressure die-cast ALU by electrophoresis + special powder coating.

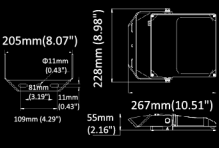
Mounting bracket

Top-quality stainless steel with special powder coating.



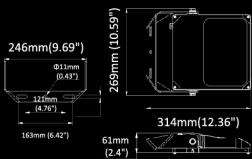
Line Drawings

GFL700/50 DL



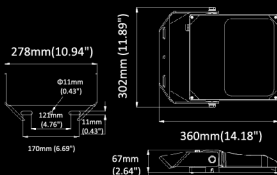
50W 2.1KG

GFL700/100 DL



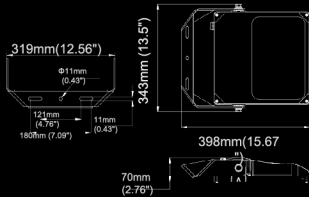
100W 2.8KG

GFL700/150 DL



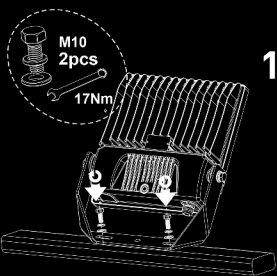
150W 3.8KG

GFL700/200 DL

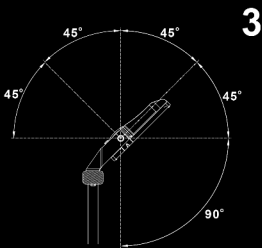
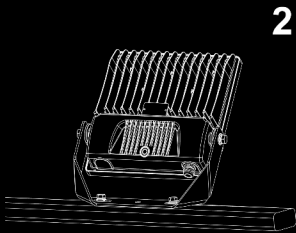


200W 4.8KG

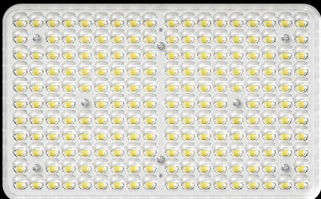
Installation Diagram



Bend bracket mounting



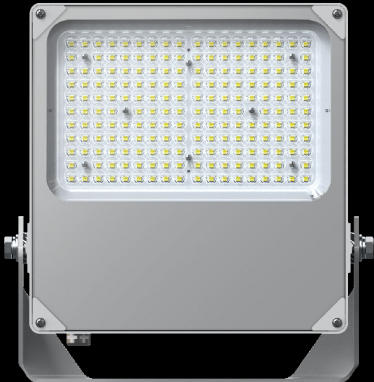
Accessories



PC Lens
Replaceable

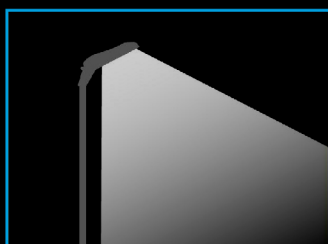


For swimming pool application, Vent
will be replaced by this seal gland



Optics

The professional optic lens is ideal for general area lighting purpose, *powerful and precise.*



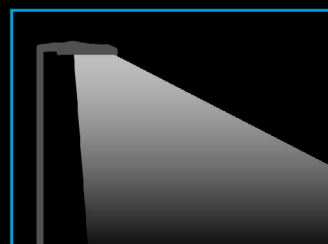
MB 60°



NB 25°



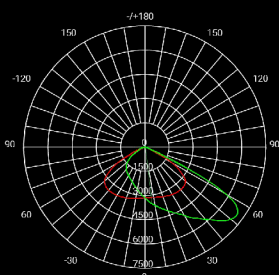
ASY 26x60°



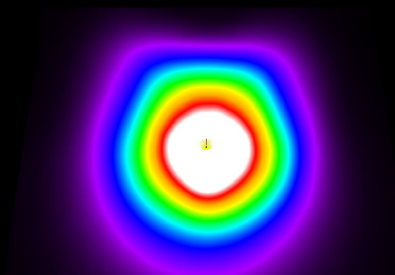
ASY 55x125°

The Most Popular Lens

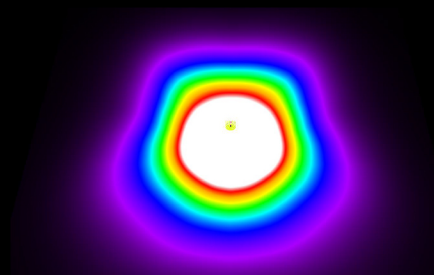
Among all the optic lens, up to **87%** clients ordered the **asymmetrical lens**.



ASY 55°x125°



Marina flood light



Other common flood light

Marina has specially designed ONE SHEET lens, which can improve lighting utilization and avoid light pollution, moreover, its forward throw light enables to reduce the glare and increases uniformity a lot than the common floodlight from the market.

Spec.

MODEL	GFL700/50 DL	GFL700/100 DL	GFL700/150 DL	GFL700/200 DL
LED	SMD 3030			
Finish	Grey (C30776S0JP)			
Lumen Efficiency	130(±5%) LM/W			
CCT & CRI	5000K Ra70 standard (3000K,4000K, Ra80 optional)			
Optics	ASY 55°x125° , 26x60° ,WB 120° ,MB 60° , NB 25°			
Input Voltage	230 VAC			
Protection	IP66, IK08, 10kV SPD			
Application	Chemical Plants, Swimming Pools, Coastal Ship and Boatyards			
Certificate	CE,ROHS,SAA			
Warranty	5 years			



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