Delta Fishing Light

A Revolutionary Light for Fishing

・ Saves on Costs
・ Enhances Catch Yields
・ Withstands Harsh Conditions
・ Safer and Healthier

ΔELTA

LED is the future trend for fishing

Specific optical design for fishing

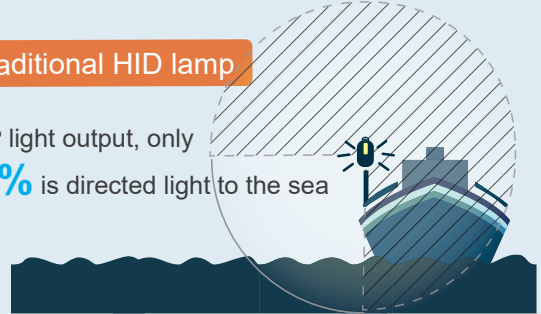LED fixture vs. Traditional HID lamp, LED direct light is more efficient

LED fixture
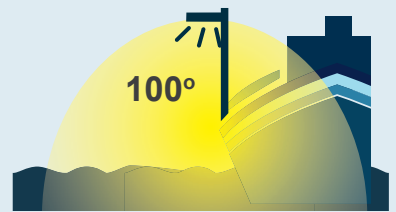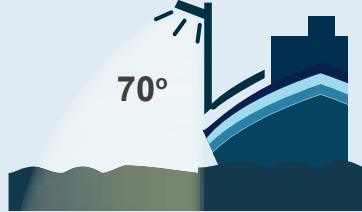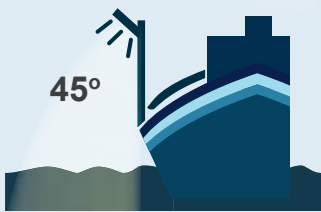
100%
directed light to the sea

Traditional HID lamp

360° light output, only
30% is directed light to the sea

Fixture tier angle is adjustable, various beam angle choices

45°   70°   100°

1.5 year payback period

LED fishing light cost savings up to **70%**

LED fishing light cost savings up to **70%**

unit: NTD/year

LED 700W *replaces HID 2000W*

Fixture cost savings
$1,500,000
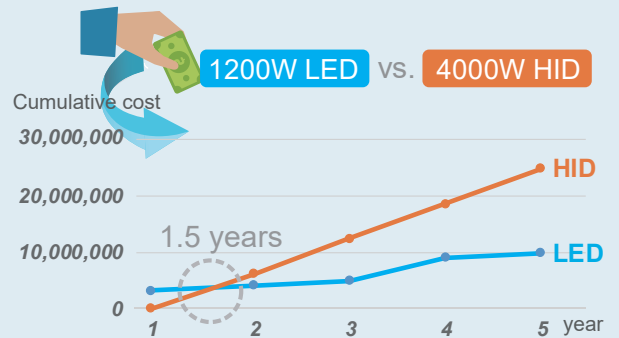
3-year fuel cost savings
$3,804,000

LED 1200W *replaces HID 4000W*

Fixture cost savings
$5,200,000

3-year fuel cost savings
$19,846,857

1200W LED vs. 4000W HID

Cumulative cost

30,000,000

20,000,000

10,000,000

0

1.5 years

HID

LED

1   2   3   4   5   year

Health and Safety

No high temperature burns, UV free prevents skin and eye damage

UV

LED fixture

UV

Traditional HID lamp
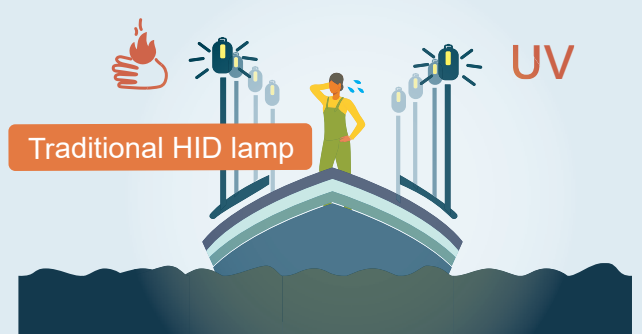
Advantages of LED fishing lights

Specific LED spectrum to enhance catch yields

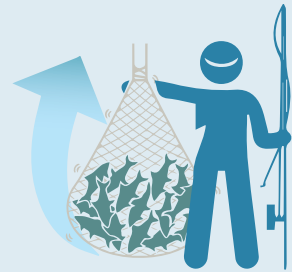Professional optical design, Special spectrum for saury and squid

Saury

Squid

Enhances catch yields

Specific LED spectrum to enhance catch yields

Passed North America ANSIC136 lighting fixture vibration test

Protects against mechanical impacts IK10 Anti-glass explosion

Protects against dust and water - IP66

Delta world class quality products

World No.1 power solution provider

High performance

High quality

Switches right on

Patented dissipation fan
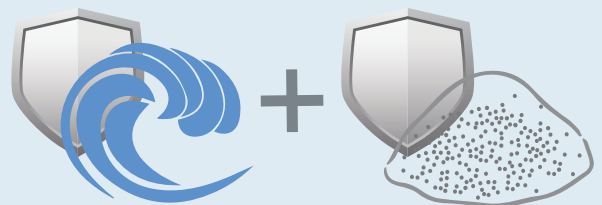Easy installation, Ultra light weight

Innovative air cooling system, protects against heavy sea waves and anti-salt erosion

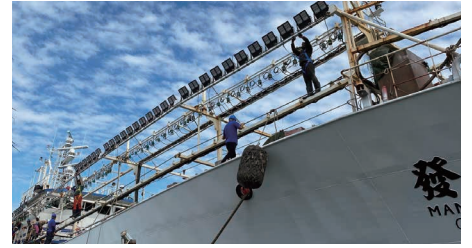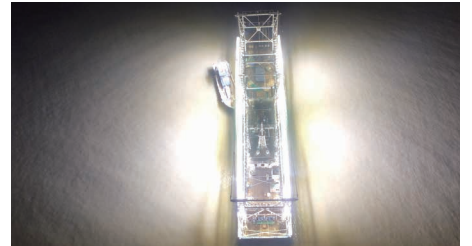**100** hrs

148 hrs

Installation cases

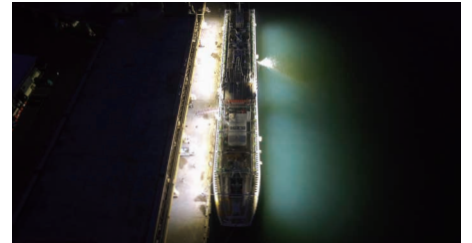## Kaohsiung Man Shuen Fa - squid lights

Shantung - squid lights

Kaohsiung Jia Long - saury lights

Kaohsiung Zi Da Wang - squid lights

Kaohsiung Jia Long - saury lights

Bali - squid lights

Philippines - saury lights

Specifications

Model name	FLSF600XXXXFT		
Input voltage	220 Vac (+/-15%)		
Output lumen (lm)	60,000	66,000	57,000
Efficiency (lm/W)	100	110	95
Wattage (W)	600		
CCT (K)	2,700	6,100	6,100
Ra	80	80	90
Beam angle (°)	100D (70D, 40D optional)		
Operation (°C)	-20 ~ +45		
IP	IP66		
Dimensions (mm)	320(L) x 180(W) x 290(H)		
Weight (Kg)	6.5		

Model name	FLSFA12R2D1FT
Input voltage	220 Vac (+/-15%)
Output lumen (lm)	53,000
Wattage (W)	1,200
LED color	RED, 620nm
Beam angle (°)	120
Operation (°C)	-20 ~ +45
IP	IP66
Dimensions (mm)	431(L) x 415(W) x 343(H)
Weight (Kg)	11.4

Model name	FLSFA12xx45FT
Input voltage	220 Vac (+/-15%)
Output lumen (lm)	120,000
Efficiency (lm/W)	100
Wattage (W)	1,200
LED color (K)	5,000
Ra	80
Beam angle (°)	45
Operation (°C)	-20 ~ +45
IP	IP66
Dimensions (mm)	431(L) x 415(W) x 343(H)
Weight (Kg)	11.4

Global Operations

Main Sales Offices
Main Plant Sites
Main R&D Centers

Frankfurt Drammen
St. Petersburg
Amsterdam
Glasgow Eindhoven
Soest Warsaw
Paris Moscow
Bern Wien Dubnica Liptovsky Hradok
Teningen Milano Bucharest Urumqi
Madrid Rome Istanbul
Beijing Morioka
Seoul
Cairo Tokyo
Rudrapur Nagoya
Dubai New Delhi Wujiang Osaka
Mumbai Wuhu
Bangalore Shanghai
Chenzhou Taipei
Dongguan Taoyuan Chungli
Yangon Hsinchu
Bangkok Taichung
Tainan
Johannesburg
Singapore

Vancouver
Seattle
San Francisco Detroit
Los Angeles Dallas Raleigh
San Diego Houston
Tijuana Austin
Mexico City

Bogota
Lima
Sao Jose dos Campos
Sao Paulo
Curitiba
Cordoba

Sydney
Melbourne

169 Global Sales Offices

38 Global Plant Sites

64 Global R&D Centers

DELTA

Delta fishing light video