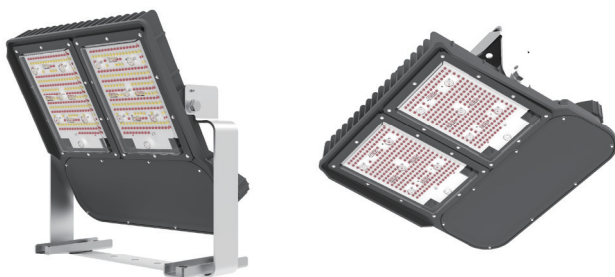# Delta Fishing Light

A Revolutionary Light for Fishing

・70% Energy Saving

・Enhances Catch Yields via Special Spectrum

・Withstands Harsh Environments

・Safer and Healthier

LEDs are the future trend for fishing

Specific optical design for fishing

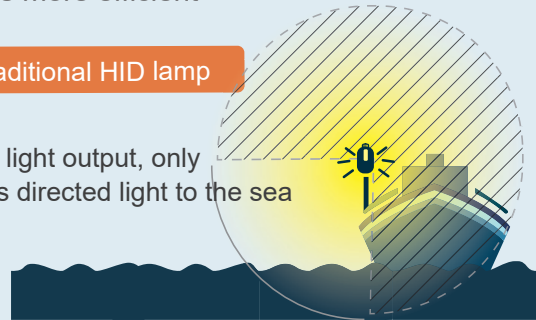LED luminaire vs. Traditional HID lamp, LED direct light is more efficient
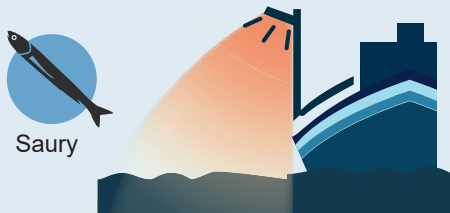
LED fixture

100%
directed light to the sea

Traditional HID lamp

360° light output, only
1/4 is directed light to the sea

Two-Color switching that applies to fish variety

Saury

Squid   Migratory fishes

1.5 year payback period

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

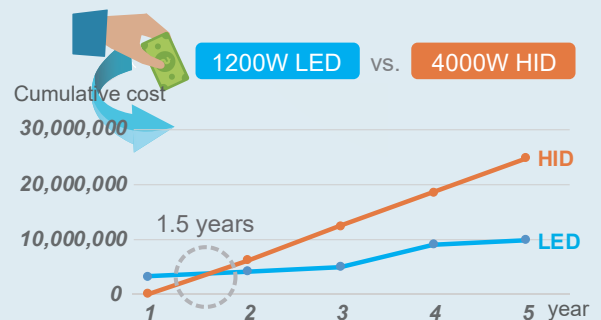**LED 1200W replaces HID 4000W**

unit: NTD/year

Fixture cost savings
$5,200,000

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

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

Cumulative cost

1200W LED   vs.   4000W HID

30,000,000

20,000,000

10,000,000

1.5 years

0

HID

LED

1   2   3   4   5   year

Health and Safety

No high temperature burns, prevents skin and eye damage
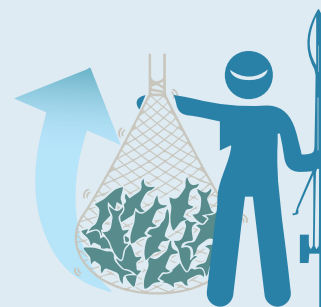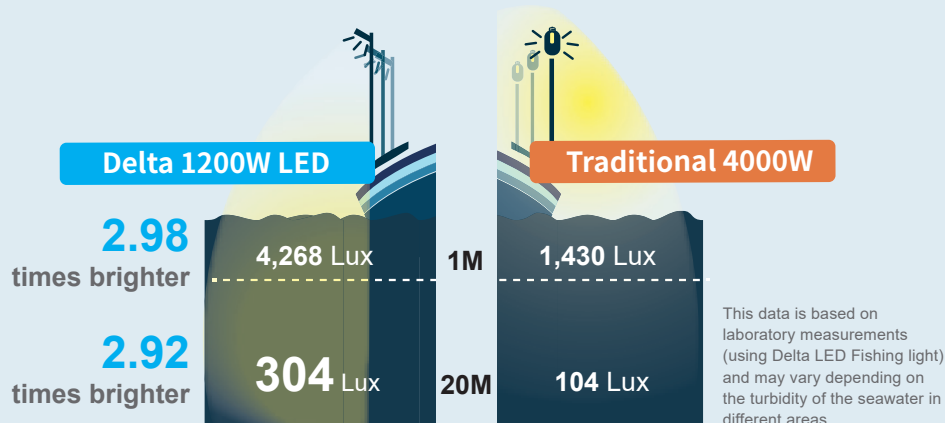
LED Fixture

Traditional HID Lamp

Advantages of LED fishing lights

Exclusive LED spectrum enhances catch yields

Underwater brightness surpasses traditional light bulbs

Enhances catch yields

Delta 1200W LED

Traditional 4000W

2.98 times brighter
4,268 Lux

1M

1,430 Lux

2.92 times brighter
304 Lux

20M

104 Lux

This data is based on laboratory measurements (using Delta LED Fishing light) and may vary depending on the turbidity of the seawater in different areas.
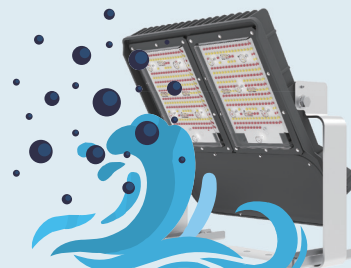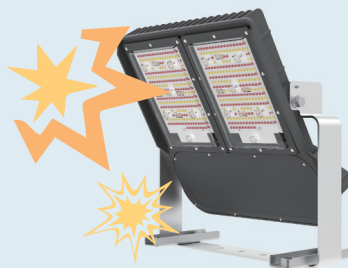
Certified protection in harsh conditions

Meets the regulatory requirements for vibration testing of ship equipment

Protects against mechanical impacts IK10 Anti-glass explosion

Protects against dust and water - IP66

Certified protection in harsh conditions

World No.1 power solution provider

Switches right on

Patented dissipation fan Easy installation, Ultra lightweight

High performance　　**High quality**

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

100 hrs

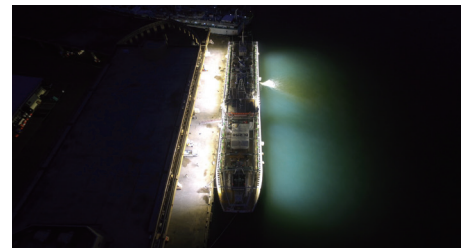**148** hrs

Installation cases

Kaohsiung Man Shuen Fa - Squid lights

Kaohsiung Man Shuen Fa - Squid lights

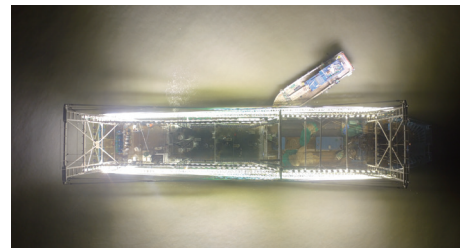Kaohsiung Zi Da Wang - Squid lights

Shantung - Saury lights

Shantung - Squid lights

Shantung - Squid lights

Kaohsiung Win Far Hui - Saury lights

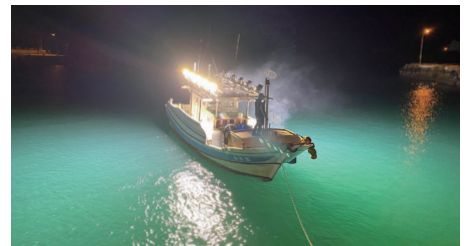Kaohsiung Win Far Tsair - Squid lights

Yilan Gengfang - Squid lights

Kaohsiung Zi Da Ye - Squid lights

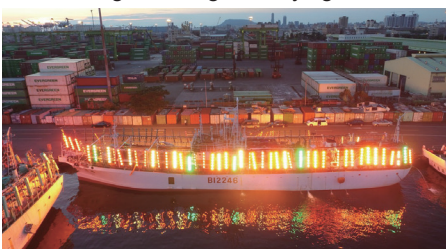Kaohsiung Zi Da Ye - Squid lights
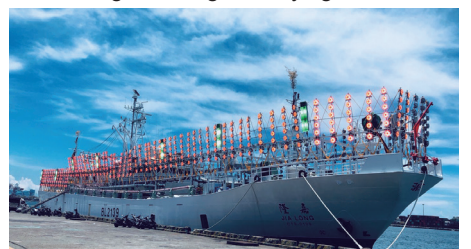
Penghu - Saury lights

Kaohsiung Xing Hua Sheng - Saury lights

Kaohsiung Jia Long - Saury lights

Kaohsiung Jia Long - Saury lights

Philippines - Sardin, Squid lights

Thailand - Squid lights

Bali - Squid lights

Specifications

Fishing Light For Saury

Model Name	FLSFA12R5D1FHT	FLSFA12RGD1FHT
Input Voltage	220 - 440 Vac	
Output Lumen (lm)	51,000 / 115,000	51,000 / 81,000
Wattage (W)	1,200	
LED Color (Two-Color Switching)	Red / 5000K	Red / Green
Beam Angle (°)	120	
Operating Temp (°C)	-20 ~ +45	-20 ~ +40
IP	IP66	
Dimensions (mm) (Without U-Bracket)	431(L) x 415(W) x 144(H)	
Weight (Kg) (Without U-Bracket)	13.5	

Fishing Light For Squid

Model Name	FLSFA124CD1FHT
Input Voltage	220 - 440 Vac
Output Lumen (lm)	125,000
Efficiency (lm/W)	104
Wattage (W)	1,200
LED Color	4000K + Booster Spectrum
CRI	>70
Beam Angle (°)	120
Operating Temp (°C)	-20 ~ +45
IP	IP66
Dimensions (mm) (Without U-Bracket)	431(L) x 415(W) x 144(H)
Weight (Kg) (Without U-Bracket)	13.5

All In One
(Saury, squid, Migratory fishes)

Model Name	FLSFA12RCD1FHT	FLSFA12RDD1FHT
Input Voltage	220 - 440 Vac	
Output Lumen (lm)	51,000 / 115,000	
Wattage (W)	1,200	
LED Color (TWO-Color Switching)	Red / 4000K+ Booster Spectrum	Red / 5000K+ Booster Spectrum
Beam Angle (°)	120	
Operating Temp (°C)	-20 ~ +45	
IP	IP66	
Dimensions (mm) (Without U-Bracket)	431(L) x 415(W) x 144(H)	
Weight (Kg) (Without U-Bracket)	13.5	

Global Operations

Delta Group has 158 sales offices, 48 plant sites, and 72 R&D centers,
with over 9,000 R&D engineers throughout the world.

- 🟥 Main Sales Offices
- 🟦 Main Plant Sites
- 🟨 Main R&D Centers

	Asia-Pacific	Americas	EMEA	Total
Global Sales Offices	100	25	33	158
Global Plant Sites	40	4	4	48
Global R&D Centers	48	9	15	72

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LS.Sales@deltaww.com

Delta fishing light video

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