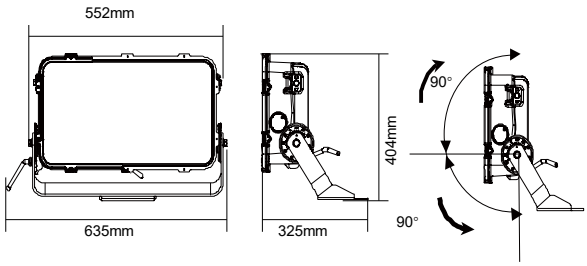
BLACK LIGHT

SONARAY®

PERMASTAR BLACK LIGHT

SONARAY®



Item No.	Power	Wave Length	Radiation Flux	Beam Angle
FL-6250-BL	250 W	405±5 nm	104 W	30°/42°/70°
FL-6500-BL	500 W	405±5 nm	208 W	30°/42°/70°

IP 66

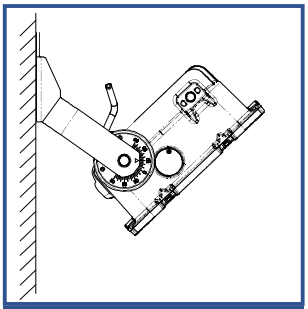
IK 10

-20°C~+45°C

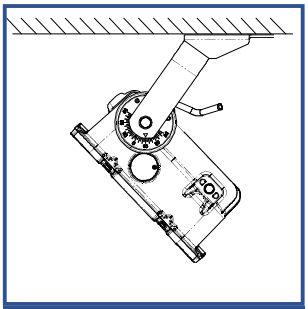
≥50,000hrs
L70B50 at 35℃

Material: Aluminum
Weight: 15.8 kg
THD: ＜15%
Wavelength: 405nm
PC cover

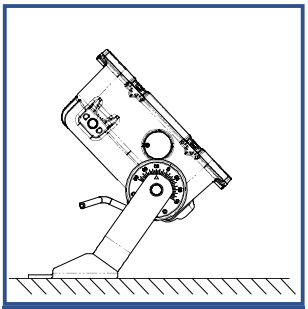
Driver: External or Internal
Power Factor: ≥ 0.96
Input Voltage: 100-277V ~ 50/60Hz
180-528V (Optional)
Dimmable



Wall Mounting



Ceiling Mounting



On the Floor

Item No.: FL-6500-A06

SLIP FITTER BRACKET

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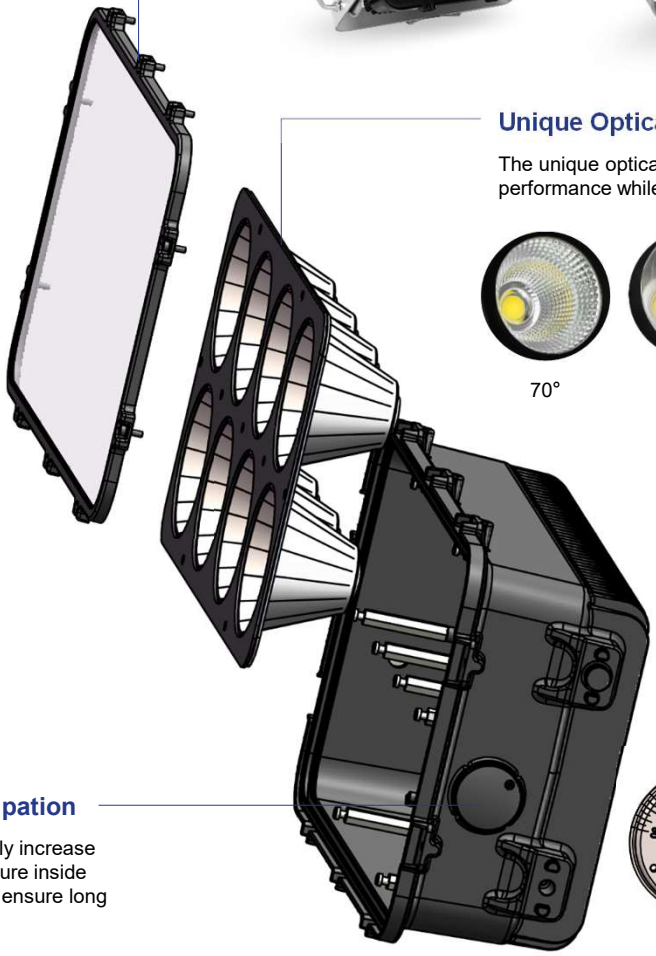
Compact in Size and Low in Weight

The 500W model only has 11KG, in case overweight require higher requirements on the installation to the poles and other accessories.

IK 10 Impact Rating

High quality PC protective cover can withstand the impact of various balls.



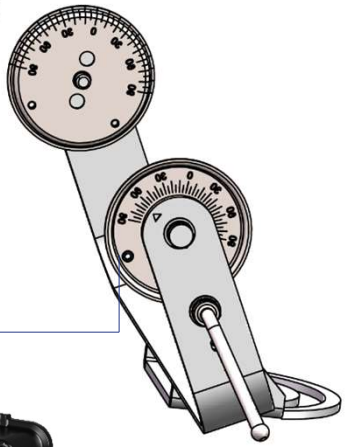
Unique Optical reflector for Distant Reach

The unique optical reflector system delivers maximum performance while minimizing glare.

70° 45° 23° 15°

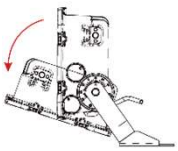
Excellent Heat Dissipation

Double breather valves fully increase air flow, balance the pressure inside and outside the luminaire, ensure long lifetime.

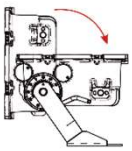


Adjust Angle without Tools/Precise Read Scale

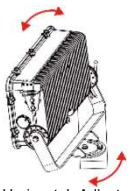
The thickness of the mounting bracket is 5mm above, which has sufficient strength to withstand 60m/s typhoon without damage.



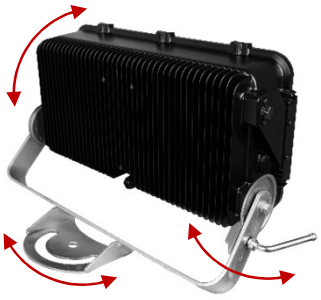
Downward Adjustment
Maximum 70°



Upward Adjustment
Maximum 90°

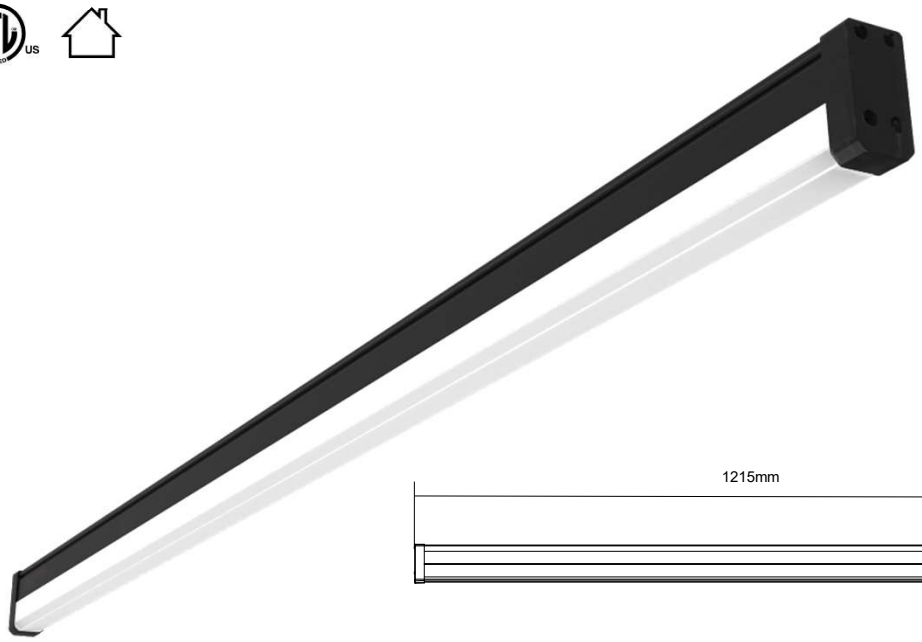


Horizontal Adjustment
180°



OBI Black Light

SONARAY®

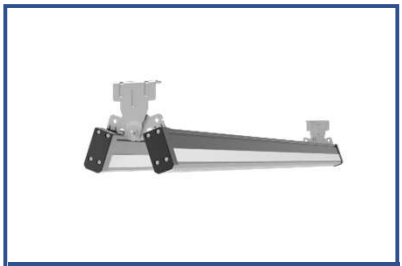


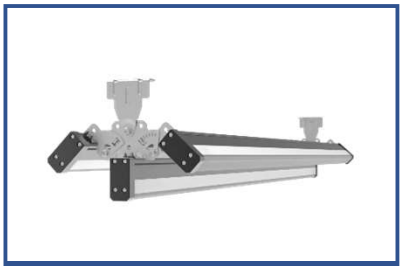
Item No.	Power	Wave Length	Radiation Flux	Length	Beam Angle
LB-4030M-BL	30 W	405±5 nm	8.58 W	1.2m	120°
LB-4060M-BL	60 W	405±5 nm	17.16 W	1.2m	120°

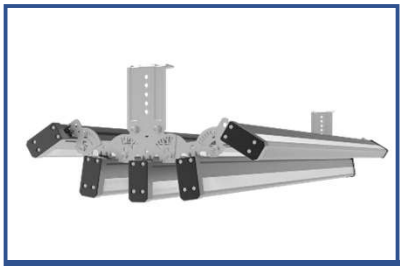
IP 66 | IK 09 | -20°C~+45°C | ≥50,000hrs L70B50 at 35℃

Diffuser: Frosted
Material: Aluminum
Housing Color: Black
Weight: 1.02kg

Driver: Built-in
Power Factor: ≥ 0.96
Dimming: Optional
Input Voltage: 100-277V~50/60Hz
Dimmable


Double units


3 units


5 units

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MATRIX² BLACK LIGHT

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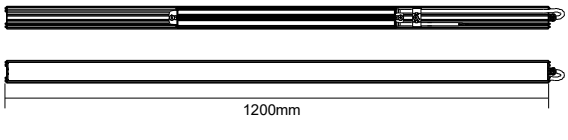
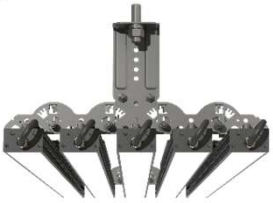
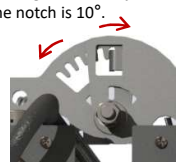




The angle can be adjusted, one notch is 10°.



Downward maximum adjustable 10°

Upward maximum adjustable 50°

Item No.	Power	Wave Length	Radiation Flux	Length	Beam Angle
LB-1022B-BL	22 W	405±5 nm	5.58 W	1.2m	100°
LB-1044B-BL	44 W	405±5 nm	17.16 W	1.2m	100°

IP 54

-25°C~+45°C

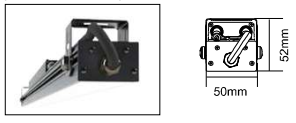
≥50,000hrs
L70B50 at 35℃

Material: Aluminum + tempered glass
Housing Color: Black
Weight: 2.1kg

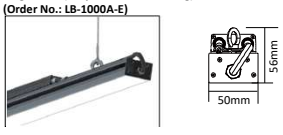
Driver: Mounted
Power Factor: ≥ 0.97
Dimming: Optional
Input Voltage: 100-277V~50/60Hz
Dimmable

Combinations of brackets:

Single unit (for ceiling mounted type) (Order No.:LB-1000A-J)

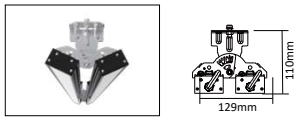


Single unit (for pendant with O-ring) (Order No.: LB-1000A-E)

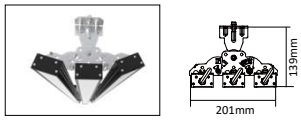


Single unit (for pendant with bracket) (Order No.: LB-1000A-A)

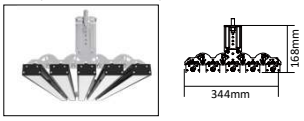
Double units (Order No.:LB-1000A-B)



3 units (Order No.:LB-1000A-C)



5 units (Order No.:LB-1000A-D)



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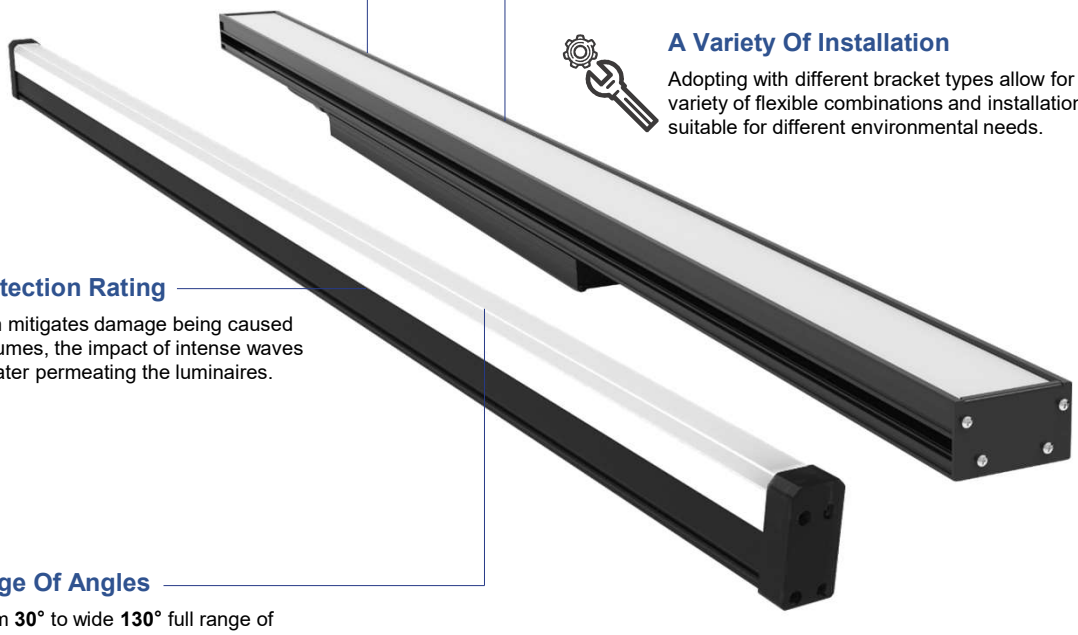
Solid Materials

Aluminum heat sink and durable PC diffuser provide an **IK of 09** shock and vibration resilience.

Serial Connection

Serial connection design for light band system. Or formulate one high power light engine with multiple units in one by optional bracket to maximize lumen output.



A Variety Of Installation

Adopting with different bracket types allow for a variety of flexible combinations and installations, suitable for different environmental needs.

IP66

High Protection Rating

IP66 design mitigates damage being caused by steam, fumes, the impact of intense waves or strong water permeating the luminaires.

Full Range Of Angles

Narrow from **30°** to wide **130°** full range of beam angles suitable for given a different application.

Optional Optic

Optic lens, frosted and clear diffuser available to meet various light distributions and performance.

Housing Options:

NSF

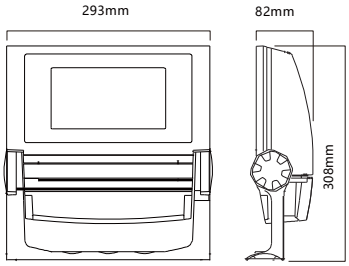
IP69

IK09

Slick Design

Industrial Design

NAMI BLACK LIGHT



Item No.	Power	Wave Length	Radiation Flux	Beam Angle
FL-5130A-WW850L-BL	130 W	405±5 nm	62.2 W	100°

IP 65

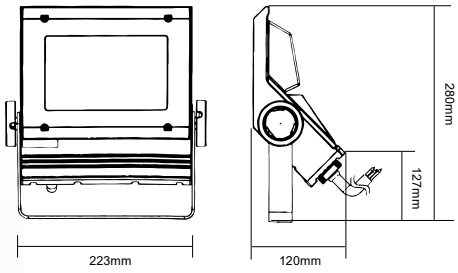
-40°C~+45°C

≥50,000hrs
L70B50 at 35℃

Material: Aluminum
Housing Color: Dark Grey
Weight：5.5kg

Driver: Built-in
Power Factor: ≥ 0.95
Input Voltage: 100-277V~50/60Hz
Dimmable

NEO³ LED FLOOD LIGHT



Item No.	Power	Wave Length	Radiation Flux	Beam Angle
FL-5090A-WW-BL	90 W	405±5 nm	40.32 W	105°

IP 65

-20°C~+40°C

≥50,000hrs
L70B50 at 35℃

Material: Aluminum
Weight：3.78kg
Housing Color: Dark Grey

Driver: Built-in
Power Factor: ≥ 0.95
Input Voltage: 100-240V~50/60Hz
Dimmable

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IP65

Robust, Protective Design

A robust, protective design gives this luminaire an IP of 65 and IK of 09 and the ability to handle harsh environments.

Flexible Angle Adjustment

The special knob design makes angle adjustment of mounting flexibly, easy and safe.

Far Reach

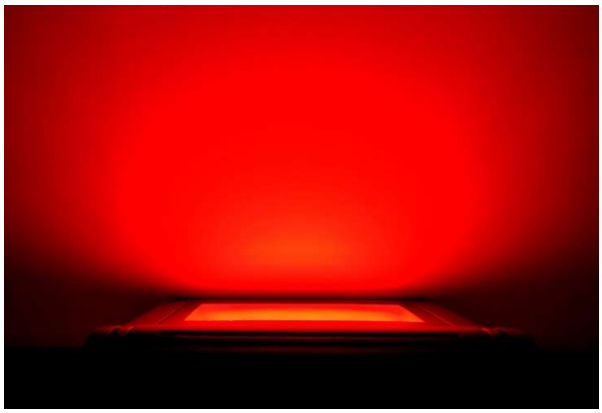
From ultra narrow to wide Beam Angle, these luminaires provide the right amount of light where you need it, even at a distance.

Optimal Reflector Design

The excellent and scientific light distribution gives good quality and quantity of light, where you need it. With options of Beam Angle and wattage to choose from, these luminaires are ideal for a variety of applications.

Energy Saving

The combination of high-efficacy LED components with excellent whole system design has SONARAY LED lighting achieving energy savings of 40%-80% compared with traditional lighting sources.



Product Feature

■ **Blacklight (395-405nm)**

Party

Halloween' Day

Painting

Body Painting

Aquarium
Lights
Plant growth
Fishing

Cosmic
Baseball

Product Feature

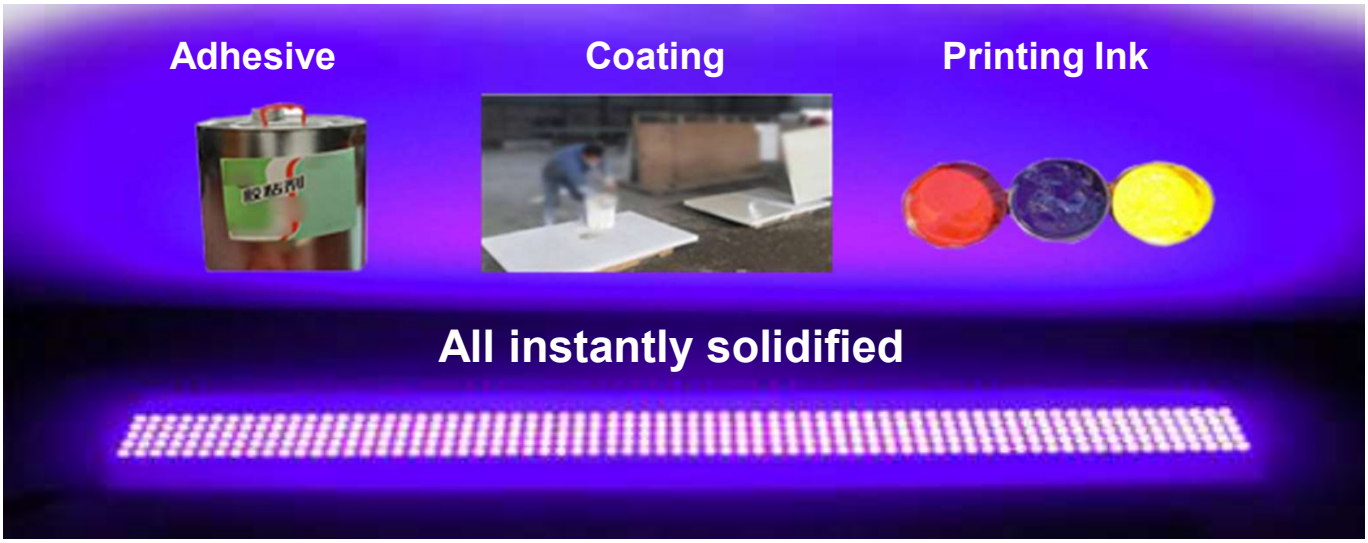
■ Blacklight (365nm)

For Spotless Cleaning

Uncover every last stain like pet urine, food, and others

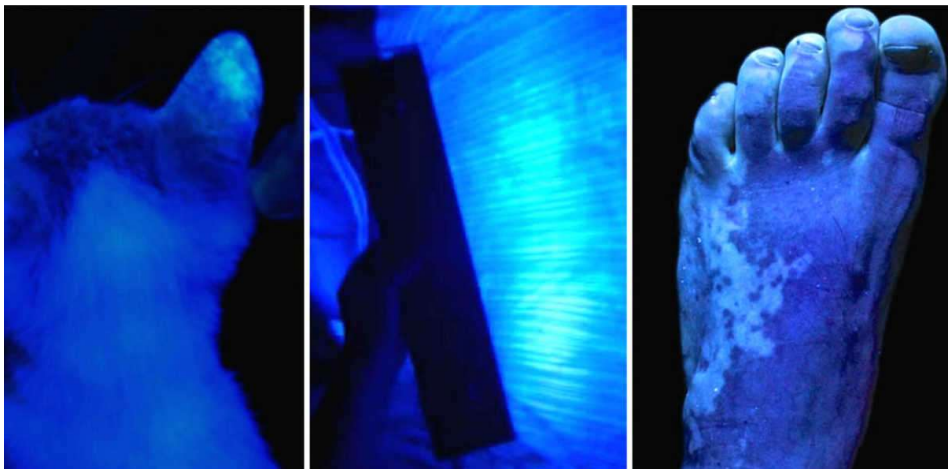
For Sterilization

■ Blacklight (405nm)



■ UVB (275 ~ 320nm)

ultraviolet rays have a erythematous effect on the human body. It can promote mineral metabolism and the formation of vitamin D in the body.



Skin testing/treatment of skin diseases (physical therapy)

Identify and detect unique materials : nucleotides, proteins, fluorescent drugs, food additives, and fluorescent coatings