

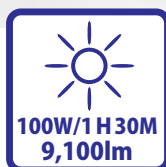
Handheld type

HID Search Light

World's first 100 W HID light

Irradiation
distance
2.2 km

[ANSI/NEMA FL1]



SL35100[VR.5] /SL35100-42STD-HP2


RAY GEARS

Special reflector
of professional
specifications



Highly practical intermediate distance design. Clearer circular irradiation field is achieved.

Reflects infrared light efficiently and excellent as an infrared projector.

* To use as an infrared projector, the infrared lens cover optionally available needs to be used in combination.

* The reflector diameter is 114 mm.

High strength
waterproof case in
consideration of use at
time of disaster

Strong special case that would not break although run over by a car. Waterproof design that prevents entry of water although washed away in flood water is useful at time of disaster.



The long distance
irradiation performance
of the HID is approx.
6 times that of the LED.

"Irradiation distance
2.2 km"

(ANSI/NEMA FL1)



The high long distance irradiation performance that cannot be achieved by LED lights is one of the great strengths of the HID light. Due to the nature of light, an HID light with the same lumen with LED lights has a wider wavelength region and can irradiate to a longer distance.

AC continuous lighting

Equipped with a large-capacity power supply as part of the standard specifications. This enables continuous lighting while recharging using the AC adapter without interruption.



DC continuous lighting

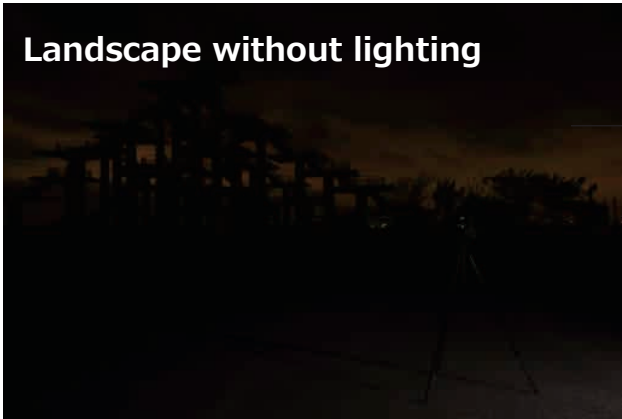
In event of power outage due to a disaster or the like, the light can be used as a handy projector by drawing power from the cigar socket in a car. In addition to 12 V cars, power can be drawn from other types of DC power supplies such as 24 V trucks and 28 V helicopters to use the light continuously.



Focus adjustment

In addition to the **spot and wide light** distribution patterns, provides **diffusion light** distribution with use of the accessory lens.

Landscape without lighting



Spot light distribution that irradiates up to 2.2 km and wide light distribution suitable to irradiate short distance and wide range. With use of the accessory diffusion lens cover, uniform light can be irradiated suitable for nighttime operations and the like.

Spot



Wide



Diffusion

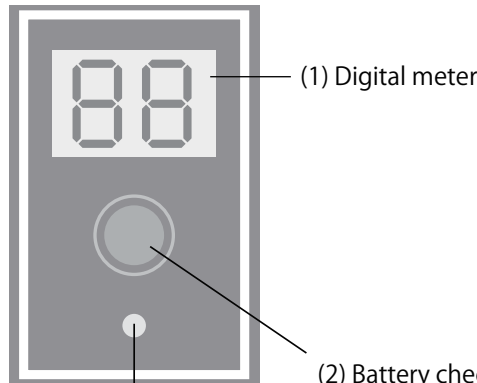


Drastically improved visibility in dark



The luminous function helps to locate the main unit in the dark.
* When using SL35100 for antiterrorism or night vision applications, please tell us so at time of order placement so that we can provide the model without the luminous function.

Battery level indication in digital meter



100% : "Fu" is displayed
 10 ~ 99 % : Exact percentage is displayed.
 Less than 10% : "Lo" is displayed.

(2) Battery check button

The battery level is indicated in the digital meter while the battery check button is pressed.

(3) Battery indicator

The battery level is indicated by the lamp color.

Lit (red) : Charging
 Lit (green) : Fully charged
 Flashing (red) : Error

Durable design

SL35100 is designed considering use by professional users in severe environments.

Usable in desert



Usable at -50°C



Usable in severe storm



High impact durable reinforced glass



Remote controllable design

Remote control range is up to 20 m where there are no shielding structures.



① Light switch: ON/OFF

② Flashing strobe: ON/OFF

③ Increase brightness: Brightness continues to increase while this button is pressed.

④ Decrease brightness: Brightness continues to decrease while this button is pressed.

* Make sure to set the main switch to ON before using the remote controller.

- With use of the remote controller, the light can be turned ON without illuminating the light switch of the main unit in red. When used in combination with the infrared lens cover, the light can be turned ON unnoticed by third parties. * For antiterrorism and night vision applications
- The remote controller is designed to operate one unit unless otherwise requested. The specification that enables operation of multiple units with one remote controller is also available. Please tell us so at time of order placement.

11-step brightness adjustment

The brightness is adjustable.

【Landscape without lighting】



11-step brightness adjustment is supported.

* The brightness level is indicated in the digital meter.

* When the light is turned ON, the brightness always starts from 35 W.

L 1 2 3 4 5 6 7 8 9 H



【35W】



【100W】



SL35 100 can be mounted using a tripod, unipod, or clamp.



Tripod

* Tripod, unipod, and clamp are not included in the accessories.



Clamp



Attachment of main unit

Accessories



- ① ... High strength waterproof case
- ② ... AC continuous lighting adapter
- ③ ... DC continuous lighting connector (3 m)
- ④ ... Shoulder belt
- ⑤ ... Remote controller
- ⑥ ... Diffusion lens cover

Optional products

Product name:
High power external battery
Model : BPSET



Product name:
DC continuous lighting connector (10 m)
Model : 10MDC-3050



Various special lens covers

identification/investigation, nondestructive inspection, flaw detection, footprints, security, and antiterrorism applications



Product name : 850 infrared lens cover
Model : 3050IR850S-LC



Product name : 950 infrared lens cover
Model : 3050IR950S-LC



Product names:
365 ultraviolet lens cover
Diffusion 365 ultraviolet lens cover
Models:
3050BL365S-LC / 3050BL-365W-LC



Product name:
530 dust detection lens cover
Models : 3050GD530-LC

Product names:
415 protein denatured lens cover
Eye glasses
Models:
3050PT415-LC / EX-415-OGEG



Specifications

Product name	SL35100[VR.5]	Light source	HID	
Model	SL35100-42STD-HP2	Output	100 W/35 W (11-step brightness control)	
Maximum light flux	100W/9100(lm) 35W/3300(lm)	Focus adjustment	Spot <-> wide	
Irradiation distance	100W/2.2km 35W/800m	AC continuous lighting	AC100V ~ 240V	
Lighting time	100W/1H30M 35W/3H45M	Color temperature	4200K	
Main unit dimensions	140×154×296(mm)	Main unit mass	2.8kg	
Reflector diameter	114 (mm)	Charging time	5 h	
Material	Head portion	Aircraft aluminum	Lamp service life	2000 h with AC burner
	Main unit portion	Reinforced plastic	Service temperature range	-10°C ~ +60°C
	Glass portion	3 mm heat-resistant reinforced glass	Screw standard	U 1/4 in.
Battery specifications	PAN NCR18650B-4S3P 14.4V10350mAh147Wh * Manufactured by Panasonic Corporation	Warranty period	2 years * Another 1 year for customers who completed our product introduction registration process	

RAY GEARS is a manufacturer and distributor of next-generation handheld projectors (projectors), power storage devices, and the like for governmental and commercial applications.



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