



Ease of Viewing Adapted to Human Visual Sensitivity

Ideal for inspecting lenses and glasses
for scratches and smears

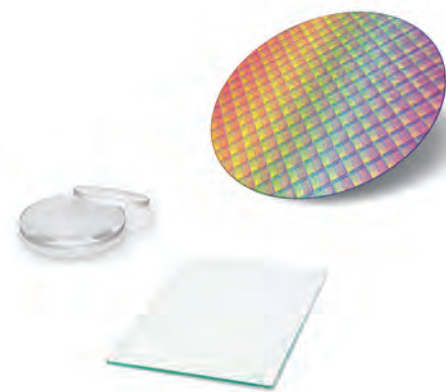
ECO LIGHT



Inspect for scratches, smears, etc. using LED lighting

Ease of Viewing Ideal for Visual Inspections

Taking ease of viewing into consideration, ECO LIGHT is most optimal as LED lighting for visual inspections in various product manufacturing processes, such as metal surfaces, wafers, and filters, in addition to lenses and glasses. Furthermore, it has a light intensity adjustment function and supports both transmission and reflection type inspections.



Features of ECO LIGHT

Simple and Fan-Less

A simple product that permits inspection in an environment where cleanliness is maintained.

Long Life / Durability

Excellent heat dissipation efficiency for longer life and higher efficiency.
Excellent durability in a dust-filled environment.

*1
LEDs are subject to aging. Please periodically check the illuminance using the specified illuminometer. Please select and use a switch according to the usage environment. Additionally, the uneven light distribution is a characteristic of the device, with the central part of the luminous flux having a higher luminosity. Please understand the characteristics and ensure proper use.

View Field and Light Distribution

The HT series are equipped with a zoom unit that allows for adjustment of the field of view and light distribution.

10-Step Luminosity Control

The luminosity can be adjusted using the provided 10-level switch. The light intensity is guaranteed by a 100% inspection at the time of shipment.*1



Emitting Color

Two light colors, white and yellow, are provided for inspecting various objects.

Overseas Specifications

100/200V AC power supply is available for overseas use.*2

*2
This product does not comply with the Chinese CCC Standard. Please be careful when using in China. Contact Nagata (Hong Kong) Co., Ltd., for details.

Specifications

	Model	LED	Illuminance	Height (Height of luminous flux center)	Zoom Function
	HS120 HSW120	Yellow White	Yellow: 4,760lx - 80,000lx/200mm White: 5,980lx - 100,000lx/200mm	120mm	-
	HS180 HSW180	Yellow White	Yellow: 4,760lx - 80,000lx/200mm White: 5,980lx - 100,000lx/200mm	180mm	-
	HT120 HTW120	Yellow White	Contact us for details	120mm	Yes
	HT180 HTW180	Yellow White	Contact us for details	180mm	Yes

*Please note that the specification and appearance are subject to change without prior notice.

High Brightness ECO LIGHT

Also available as a special order product, we offer the High Luminosity ECO LIGHT, with even higher illuminance than our regular products.

High Luminosity ECO LIGHT



Does not have a fan and can be used in an environment where cleanliness is maintained.

Yellow : 8,950 lx - 162,400 lx / 200 mm
White : 8,960 lx - 163,000 lx / 200 mm

Super-High Luminosity ECO LIGHT



Inspections can be performed with up to about twice the illuminance of the High Luminosity ECO LIGHT

Yellow : 12,060 lx - 210,400 lx / 200 mm
White : 16,450 lx - 293,000 lx / 200 mm

*UV-LED (Peak wavelength: 270 - 280 nm) type to be released.

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