



Spot Lights

HLV2-14/HLV2-22/HLV2-22-3W Series

High-output Spot Light

Lightweight and compact with a low power consumption and long service life.



Broad Lineup to Match Your Applications

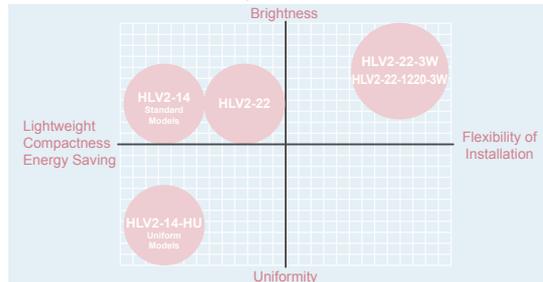
Saving Space / Demands for Small Spotlights
 Demands for Bright Spotlights / Demands for Spotlights with Uniform Illumination
 Reducing operating Costs / Reducing CO₂ Emissions

The HLV2 Series can be chosen to meet your specific needs and application environment.

HLV2 Series Evaluation Chart

	Brightness	Uniformity	Lightweight	Compactness	Flexibility of Installation	Energy Saving
HLV2-14	○	○	◎	◎	○	◎
HLV2-14-HU Highly Uniform Model	△	◎	◎	◎	○	◎
HLV2-22 (for comparison)	○	○	○	○	○	○
HLV2-22-3W	◎	○	△	△	◎	○
HLV2-22-1220-3W	◎	○	△	△	◎	○

HLV2 Series Evaluation Graph



*Comparison of CCS products

High-output Spot Light

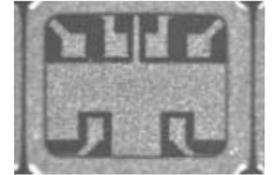
Improving the optics and boosting the light generation efficiency have yielded high-output illumination.

Previous Model(HLV-24SW-3W)



Previous models lacked sufficient output for some applications.

HLV2-22SW-3W



The HLV2 Series provides more than enough illumination for imaging.

Operating conditions: Shutter speed: 1/7,000 sec. Light intensity: 100%

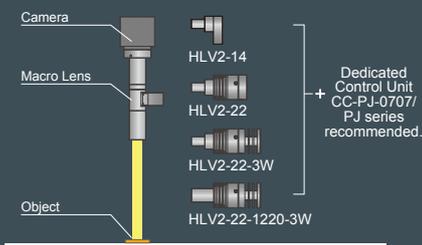
Smallest in the Industry: HLV2-14 Series

Low weight and compact designs reduce space requirements.



Application Example of HLV2 series

Combine this Series with our unique Macro Lenses to achieve optimal illumination solutions.



Examples of Spot Light Images

Imaging of Alignment Marks for LCD Panels

Light used: HLV2-14RD



Shutter speed: 1/2,000 sec.
Light intensity: 20%

Character Recognition on Wafers

Light used: HLV2-22SW



Shutter speed: 1/20,000 sec.
Light intensity: 35%

Character Recognition on Photocouplers

Light used: HLV2-22BL-3W



Shutter speed: 1/7,000 sec.
Light intensity: 50%

