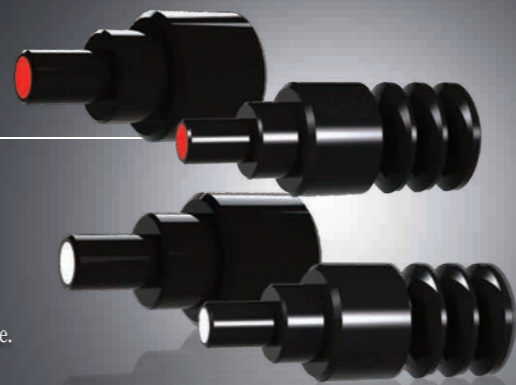


Coaxial Light

Coaxial Spot Light

IV-14 • IV-30 • IHV-20 IHVD-22 • IHVE-21 series

Ultra high-intensity coaxial light Infrared 850nm UV 365·400nm are available.

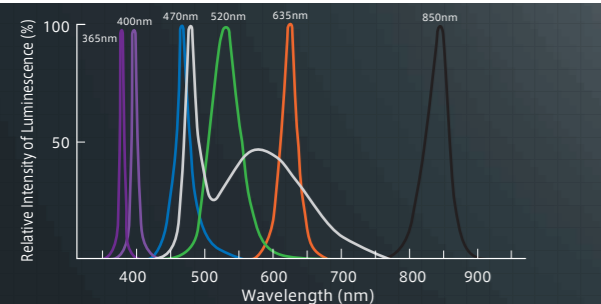


Design registered

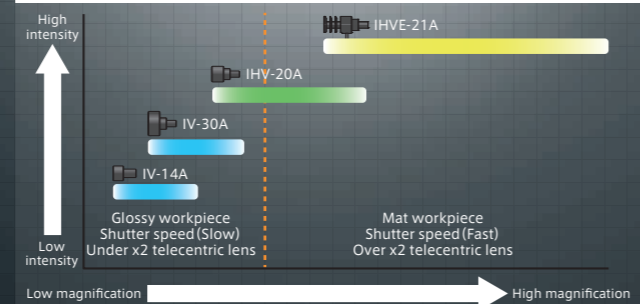
Power LEDs

*Mounted on IV-30, IHV, IHVD, and IHVE

Wavelength Characteristics (Reference Values)



Recommended range



IHVE-21A

Achieved the top class brightness in industry, by our original optical design! It's suited for high magnification.

Imaging of two-dimensional codes of circuit boards

Light used: IHVE-21AW
White color temperature: 6,500K (typ)

IHV-20A

Compact and high output! Available up to 8 times brightness by overdrive. It's able to use high and low magnification range.

Suited for high magnification lens

Light used: IHV-20AW
White color temperature: 6,500K (typ)

IV-30A

Achieved high output of DC12V by our original optical design. It's useful for several case.

Cable capable of 90° movement
IV-30-IV-30A series

Side cable routing
Back-end cable routing

White color temperature: 4,900K (typ)

IV-14A

Achieved the smallest ring light in the industry by our original optical design.

Mass 15g
Smallest size in the industry
IV-14A series

White color temperature: 4,900K (typ)

Compact installation space



Model	Light Color	Power Consumption (W)	Input Voltage	Power Supply	Drawing
IV-14mkII	R DW B G	0.24	DC12V	ILP-30M2 (P.85) IDGB series (P.81) other, overdrive power supply etc.	1
IV-14A	R W B G	1			2
IV-30	R W B G	1.5			3
IV-30A	R W B G	2			3

Model	Light Color	Input Current	Power Supply	Drawing
IHV-20	R W B G -	350mA	ILC-350M2-VI (P.88) IDCA series (P.87)	4
IHV-20A	R W B G -			4
IHVD-22	R W B G Y	700mA	ILC-700M2-VI (P.88) IDCA series (P.87)	5
IHVE-21A	R W B G -			6

□ represents light color (R=Red, DW=White, B=Blue, G=Green)
■ represents light color (R=Red, W=White, B=Blue, G=Green, Y=Yellow)
*Notes on the IHV/IHVD/IHVE series
*Due to individual differences in the peak wavelength of LEDs used in this series, slight color variation may be evident even when using identical models.

IR-UV Coaxial Spot Light

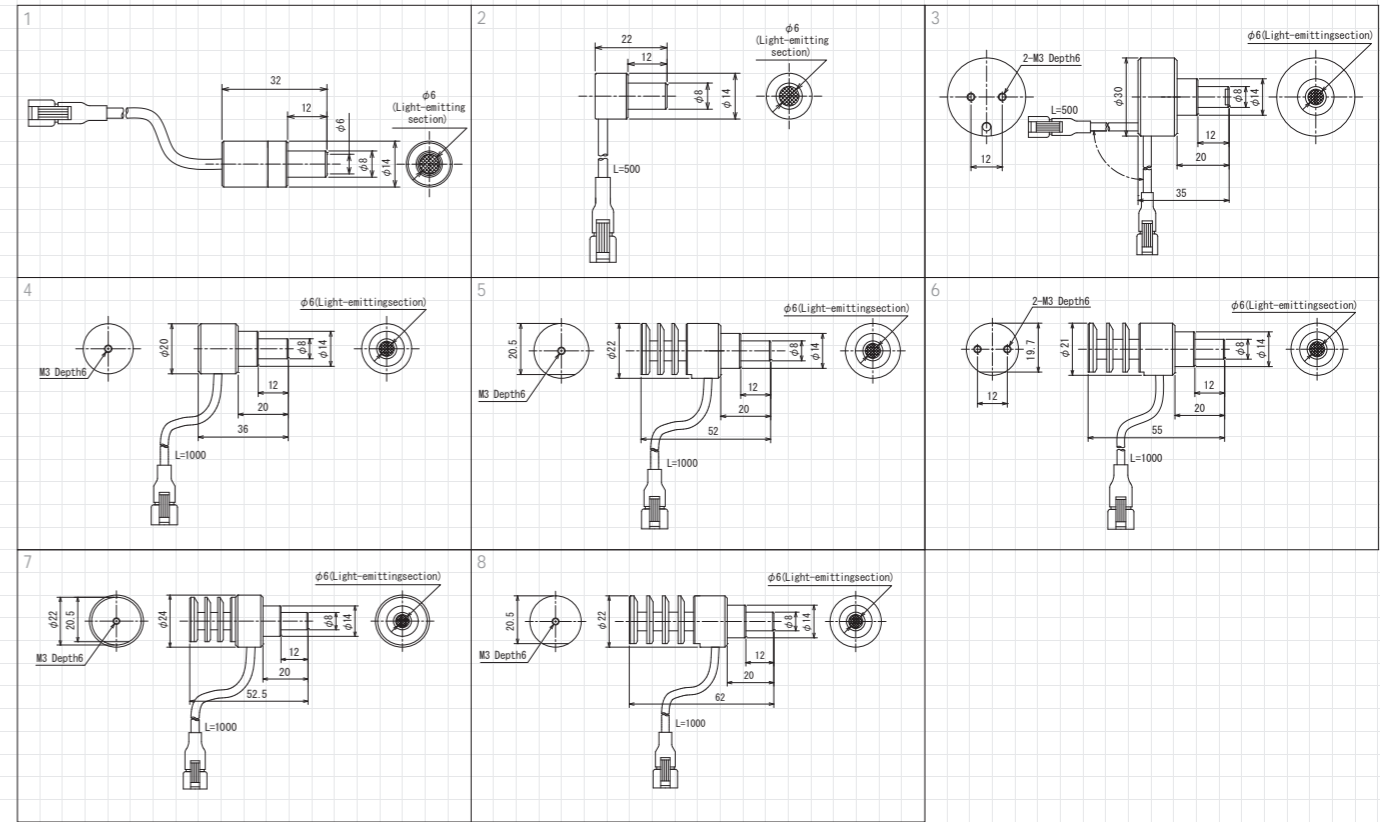
Model	Light Color	Input Current	Power Supply	Drawing
IHVD-24IR-850	IR(850)	700mA	ILC-700M2-VI (P.88) IDCA series (P.87)	7
IHVD-22UV-365	UV(365)	700mA		8
IHV-20UV-400	UV(400)	350mA	ILC-350M2-VI (P.88) IDCA series (P.87)	4

Optional resistance Box (IHV/IHVD/IHVE)

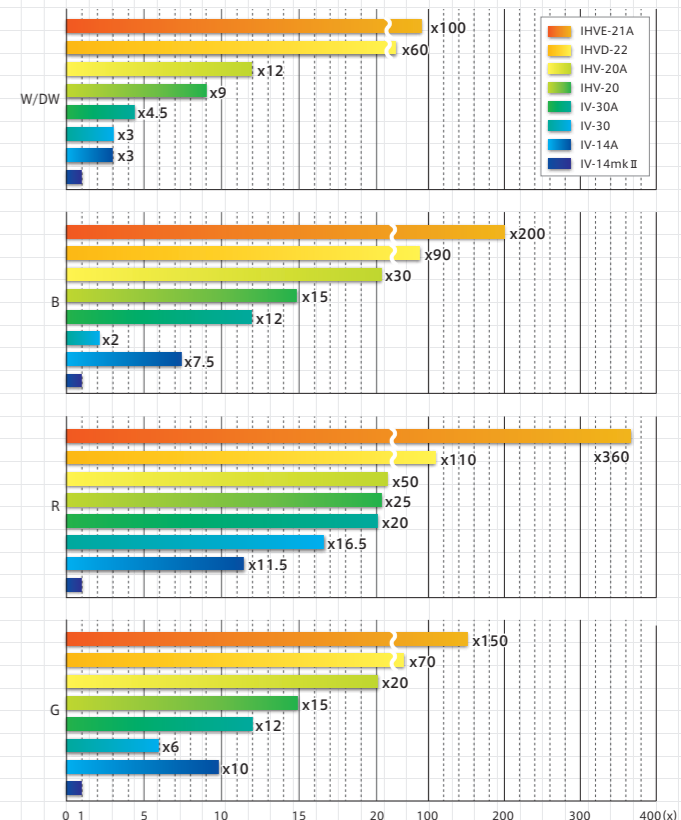


Need it at the time of using DC 12V output power supply. Required when using the IHV or IHVD, IHVE series with a 12V DC output powersupply such as the ILP or IDGB series. It is also required when you use overdrive power supply.

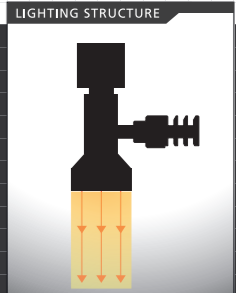
For details, see page 63.



Luminance Comparison (Reference Values) Relative brightness (IV-14mkII standard)



Effect → Can be used to capture images with a shutter speed of 1/20,000. Light used: IHVE-21AW



Note: Color temperature (typ) has described a representative value. Please contact us for further details.