

Variable High-Intensity Spot Illumination [IHV-FX Series]

From spot lighting to long-distance projection, the illumination range is versatile. Achieves brightness equivalent to halogen lighting! Compared to conventional models, 1.5x intensity is increased.

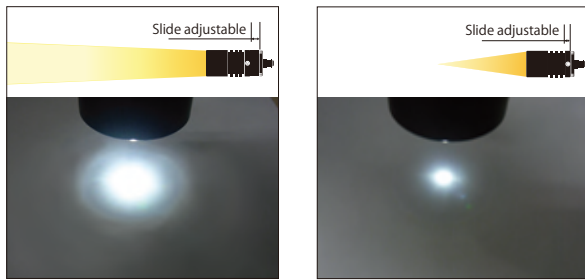


Original Optical Design Power LEDs

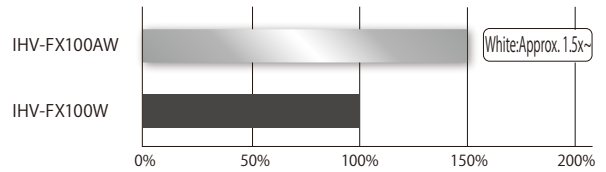
- Applications**
- Metal processing/Plastic molding industry etc.
 - ➔ Inspection of scratches and cracks on cutting/molded plastic product.
 - ➔ Precision Inspection of cutting tools and similar equipment
 - Semiconductor/Electronic components industry etc.
 - ➔ Inspection of scratches and cracks on wafers and similar substrates etc.

Standard Size Lineup Standard release in 2 sizes: $\phi 25 / \phi 45\text{mm}$

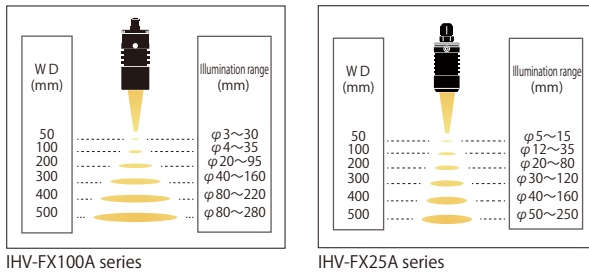
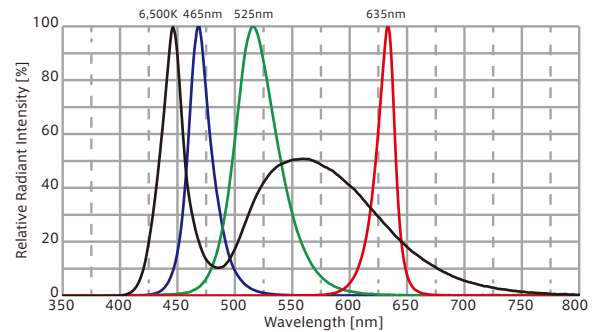
Radiation Image



Comparison with Conventional Products (Ref.Value)

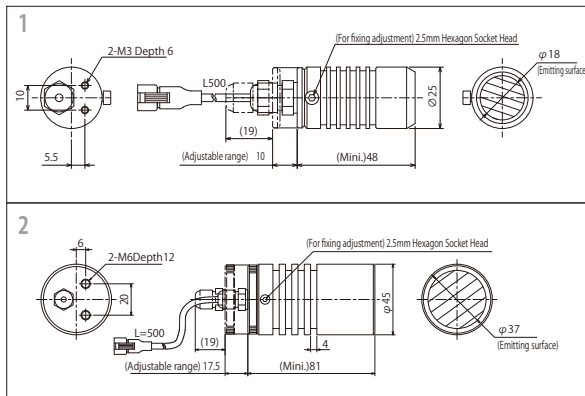


Optical Spectrum (Ref.Value)



Model	Color	Input Current	Applicable Controller	Drawing
IHV-FX25A□	R W B G	700mA	ILC-700M2-VI(P.199) IDCA Series (P.213)	1
IHV-FX100A□	R W B G			2

★IHV-FX series can be connected to a controller other than the applicable controller via a resistance box.
★The emission color (W=White,R=Red,G=Green,B=Blue) is indicated by □ in the model table.



Optional Parts Resistance Box(Foe IBF-LXS/LX series)



This is necessary when using with DC12V output controller. By using a resistance box, it can be connected to controllers (ILP, IDGC, etc.) other than the specified controller. It is also required when enabling override illumination. Please refer to P.160 for more details.

Recommended Digital Controller(Constant- Current Control)

ILC Series

Output Control: External 0-5V Control
Compact constant current controller ideal for in-board installation
Compatible with IHV, IHVE, and IBF series for direct connection.



Line illumination products
 Ring illumination products
 Bar illumination products
 Transmitted/area illumination products
 Dome illumination products
 Special illumination products
 I/O products
 Controller products
 Other illumination products