NEW

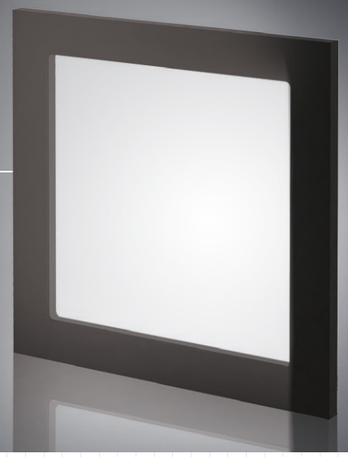
Dome Light

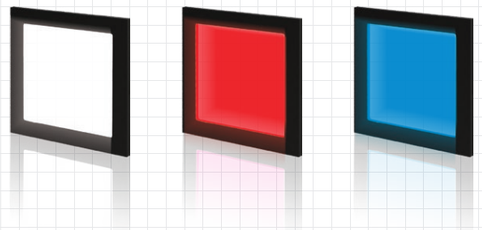
Square Dome Light

IFHA series

Lightweight, thin 8-mm dome lighting
Much brighter and clearer imaging is possible. Its no camera window design enables wide range and high uniform irradiation!

24V DC Models Available | Patent Pending

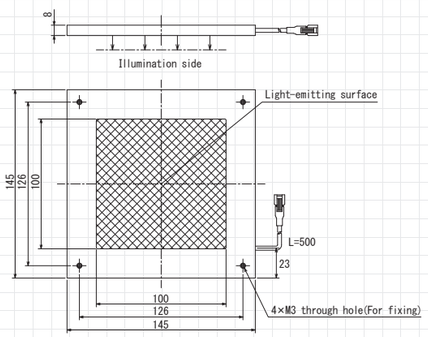




Model	Light Color	Power Consumption (W)	Input Voltage	SAG (*)	Power Supply	Drawing
IFHA-100□	R W B	T.B.D	DC12V	T.B.D	ILP-30M2(P.85) IDGB series(P.81) other, overdrive power supply etc.	1
IFHA-150□	R W B	30		R=DA W=B8 B=B6		2
IFHA-200□HV	R W B	33	DC24V	—	ILP-60M2-24(P.85) IDGB-24 series(P.81)	3

*□represents the color, R(Red), W(White) or B(Blue).
*Input voltage is DC12V, but DC24V models are also available.
*See P74 for 24V DC models.
*Sizes other than those above are also available.
*The SAG value means the maximum voltage setting for SAG power supplies. For details, see P91.

1



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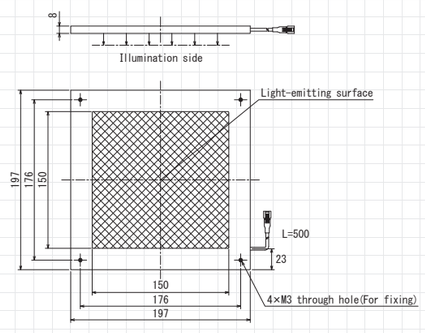

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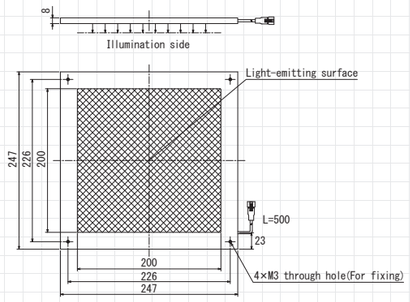
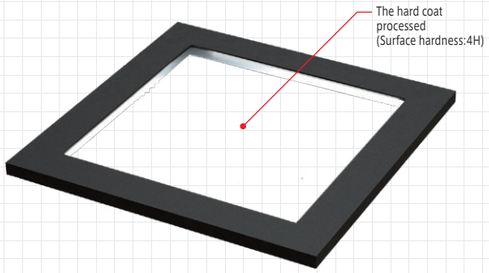


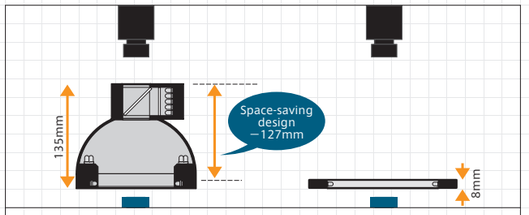
The hard coat processed

The acrylic surface is hard coat processed (4H), and has better scratch resistance than normal acryl.



CAUTION:Dirt, dust and scratches on the acrylic surface may affect imaging.
When dust and dirt are adhered on the surface, remove them with an air blow.

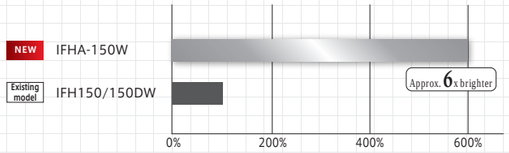
Light and thin. Easy installation



•Space-saving design allows situations where installation locations are restricted.
•Workpieces can be photographed from a close distance without troublesome reflected lighting.

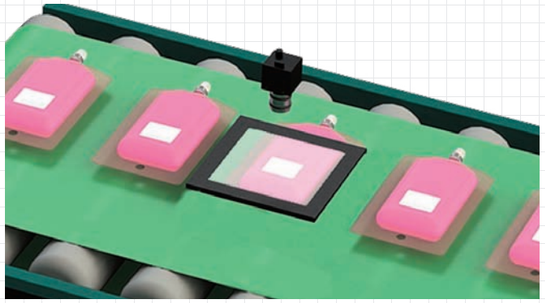
Compared to existing model, it is approximately 6 times brighter

Improvement of light guide plates achieved 6 time higher brightness (Compared to existing model).



Suitable for inspections of glossy objects

Suitable for inspections of objects with unevenness and shininess.



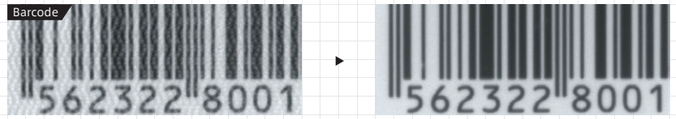
Transparency of the acrylic is greatly improved

The printing can clearly be seen, and that makes inspection of blurring of printing easy.

Object: a package of coffee

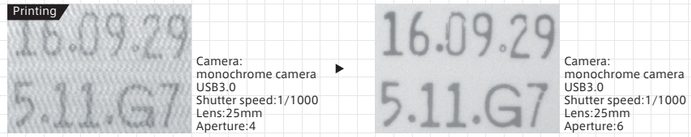
IFH-150DW (Existing model) ▸ IFHA-150W

Barcode



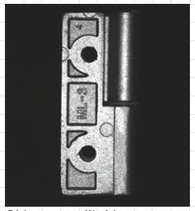
The bar codes can be clearly seen. That makes recognition of space between codes and width of them easy.

Printing



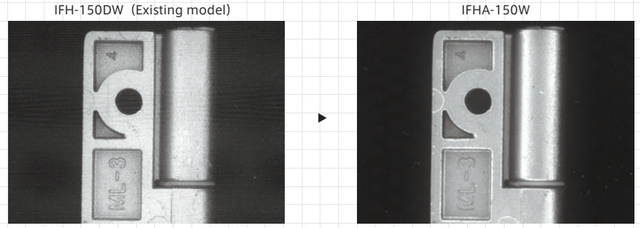
Camera: monochrome camera USB3.0 Shutter speed:1/1000 Lens:25mm Aperture:4 ▸ Camera: monochrome camera USB3.0 Shutter speed:1/1000 Lens:25mm Aperture:6

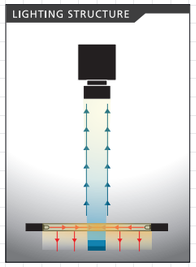
The printing can clearly be seen, and that makes inspection of blurring of printing easy.



Object: metallic hinge

IFH-150DW (Existing model) ▸ IFHA-150W



It can clearly emphasis unevenness of sprues and curving condition of glossy metallic objects

LIGHTING STRUCTURE