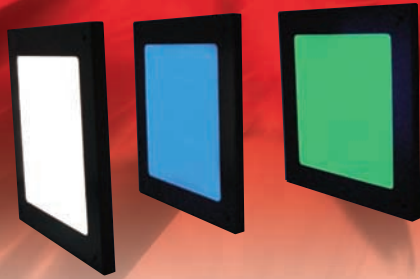


Indirect light type

Square Dome IFH

DC 24V products available

Patent pending



Light weight and thin designed dome light

The irradiating plane and the photographing plane are integrated by introducing LED light from the side using the edge-light system. Conventional dome light requires a large space to install, however, it can be used in a variety of applications more than before because of its thin design, i.e., 8 mm in thickness.

* A stripe-pattern shadow may be projected at image photographing, thus please evaluate the demonstration equipment before adoption.

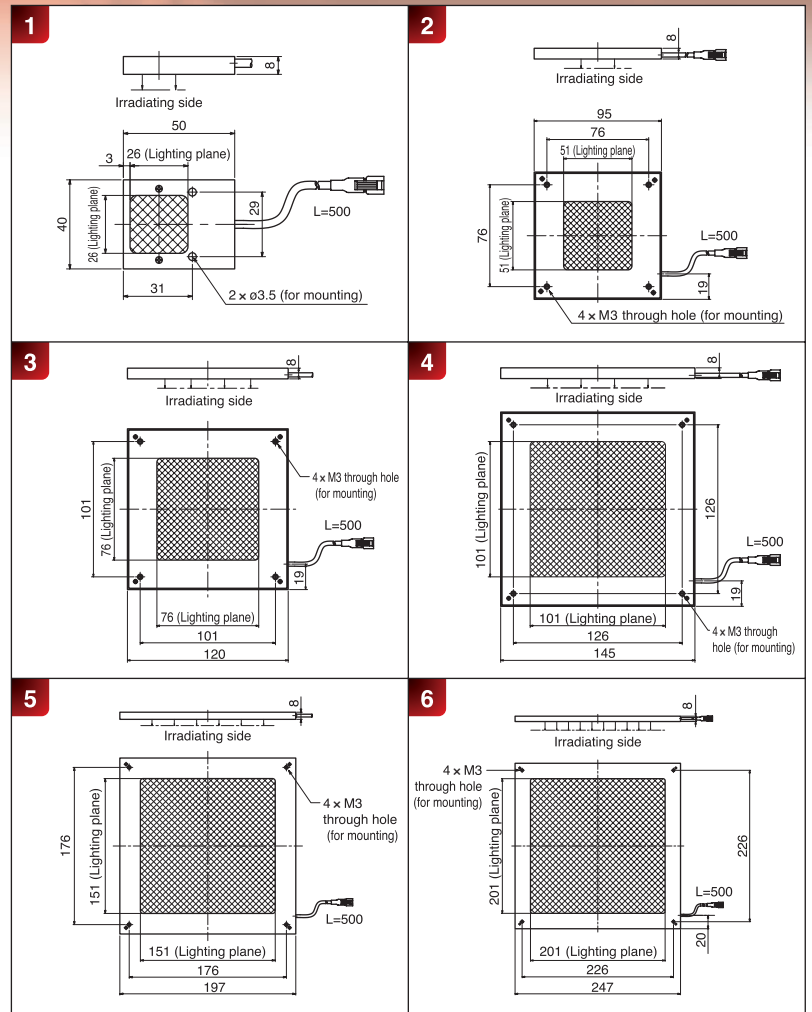
Unit: mm

Model (12V)	Irradiating color	Number of LEDs	Power Consumption (W)	SAG (*)	Outline drawing	Model (24V)
IFH-25/25R	R	6	0.3	6D	1	-
IFH-25/25DW	W		0.5	FF		-
IFH-25/25	B/G		0.5	D3		-
IFH-25/25IR-850	IR (850nm)	48	0.3	DB	2	-
IFH-50/50R	R		2.0	6E		IFH-50RHV
IFH-50/50DW	W		3.9	FF		IFH-50WHV
IFH-50/50	B/G	72	3.9	DA	3	IFH-50 HV
IFH-50/50IR-850	IR (850nm)		2.0	DC		IFH-50IRHV-850
IFH-75/75R	R		2.9	6F		-
IFH-75/75DW	W	96	5.8	FF	4	-
IFH-75/75	B/G		5.8	DE		-
IFH-75/75IR-850	IR (850nm)		2.9	DC		-
IFH-100/100R	R	144	3.9	70	5	IFH-100RHV
IFH-100/100DW	W		7.7	FF		IFH-100WHV
IFH-100/100	B/G		7.7	E1		IFH-100 HV
IFH-100/100IR-850	IR (850nm)	192	3.9	DD	6	IFH-100IRHV-850
IFH-150/150R	R		5.8	71		IFH-150RHV
IFH-150/150DW	W		11.6	FF		IFH-150WHV
IFH-150/150	B/G	192	11.6	E9	6	IFH-150 HV
IFH-150/150IR-850	IR (850nm)		5.8	DE		IFH-150IRHV-850
IFH-200/200R	R		7.7	73		IFH-200RHV
IFH-200/200DW	W	192	15.4	FF	6	IFH-200WHV
IFH-200/200	B/G		15.4	F0		IFH-200 HV
IFH-200/200IR-850	IR (850nm)		7.7	DF		IFH-200IRHV-850

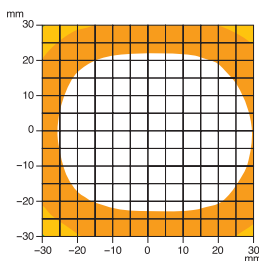
represents B = blue, or G = green.

Number of LEDs, power consumption, SAG value, and outline drawing are for DC12V products. Please contact us for specifications of DC24V products.

* SAG represents the maximum SAG setting value. For details, refer to page 54.



Luminance distribution

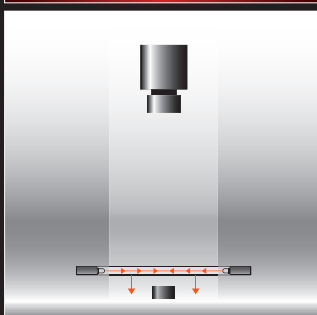


It can irradiate uniformly overall.

Measurement model*
IFH-100/100DW

WD: 10 mm

Example of use



Example of the Image Photographed



Light : IDR-90/50DW

An image that removes unevenness on an uneven work can be photographed.

Work: Surface of a can



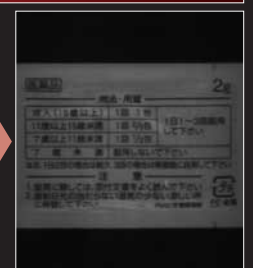
Light : IFH-100/100DW



Light : IDR-90/50DW

An image that removes surface reflection can be photographed.

Work: Surface of a medical product



Light : IFH-100/100DW