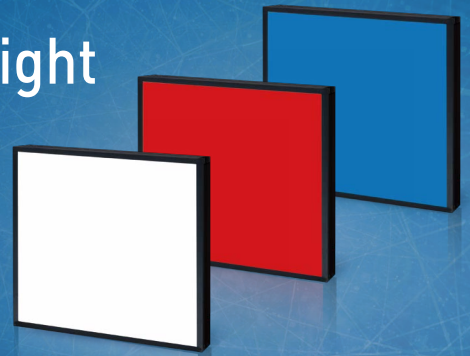


High-intensity Chip LED Surface Light

IHM·IHM infrared series

The IHM series is a chip-type transmissive lighting solution that delivers high output at an affordable price in a lightweight package.
Extensive lineup of 850, 950-nm infrared series

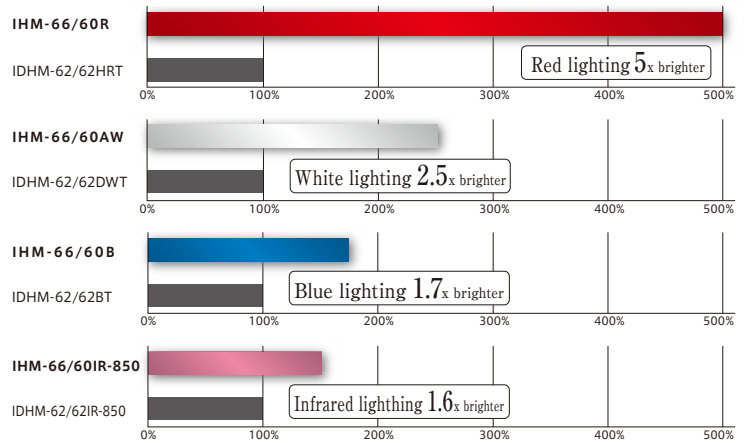
24V DC Models Available



Model	Light Color	Power Consumption (W)	Input Voltage	SAG (*)	Power Supply	Drawing
IHM-25/30□	R	2	DC12V	9A	ILP-30M2 (P.81) IDGBseries (P.89) other, override power supply etc.	1
	AW			F9		
	B			9B		
	IR(850)			E3		
IHM-66/60□	B	7.5	DC12V	E3		2
	IR(850)			F5		
	IR(950)			B3		
				FF		
IHM-108/114□	R	14.7	DC12V	FF		3
	AW			FF		
	B			FF		
	IR(850)			FF		
IHM-150/142□	R	24	DC12V	FF		4
	AW			CF		
	B			DO		
	IR(850)			E5		
IHM-214/226□HV	R	47	DC24V	EF	ILP-60M2-24 (P.81) IDGB-24 series (P.89)	5
	AW					
	B					
	IR(850)					

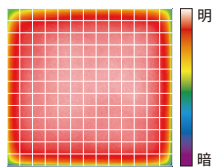
□ represents light color (R=Red, AW=White, B=Blue, IR-(850 or 950)=Infrared).
*Input voltage is 12 V DC, but 24 V DC models are also available.
*Please refer page 80 to confirm the details of DC 24V models.
*Optional polarizing plate and light control film can be attached. For details, see page 112.
*The SAG value indicates the maximum voltage setting for SAG power supplies. For details, see page 101.

Drastically Increased Brightness Comparison of colors using IHM-66/60 sizes (reference values)



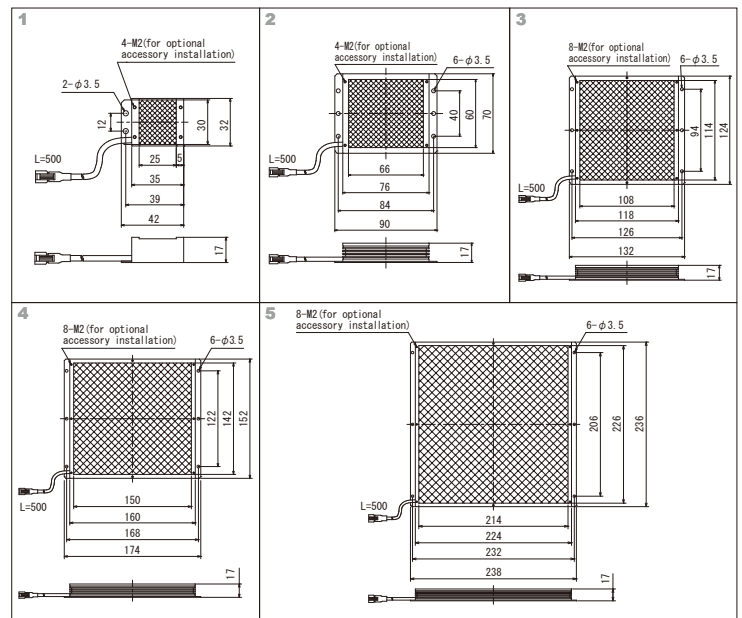
Luminance Distribution Chart (Reference Values)

Light is highly uniform except around edges.
Measurement model: IHM-108/114AW



Functional Characteristics FEATURES

- Dense concentration of high-intensity power LEDs**
High-intensity power LEDs are mounted densely to provide extremely bright, more even transmissive lighting.
- Heat-dissipating fins**
An original heat-dissipating structure provides drastically improved heat dissipation.



Effect

Comparison using shutter speed of 1/10,000 (100% modulated light)

