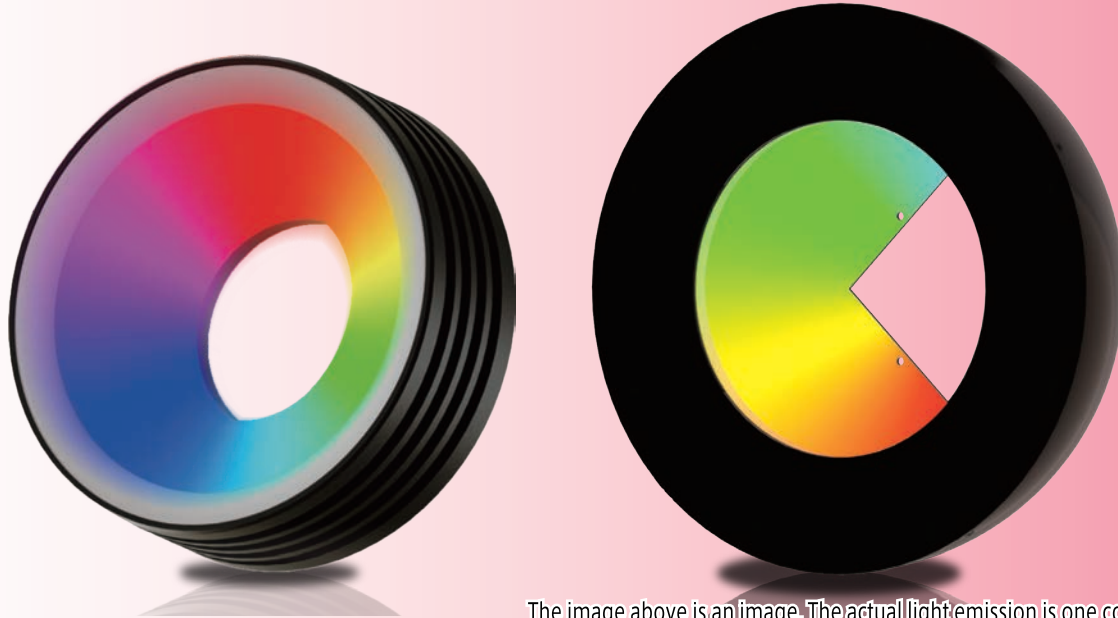


新製品

Full-color RGB lighting

IMAR-RGB、IDDA-KH-RGB series



The image above is an image. The actual light emission is one composite color.

A lineup of ring lighting and dome lighting that are more versatile have been added to the full-color RGB lighting. It enables the selection of the optimal illumination color depending on the color of the object or defect.

1

The relationship between the illumination color and the color of an object

The image below shows how the illumination color and the color of an object are reflected when using a monochrome camera. By using full-color lighting, it enables the optimal lighting color for the object to be achieved.

Reflection and absorption of colors

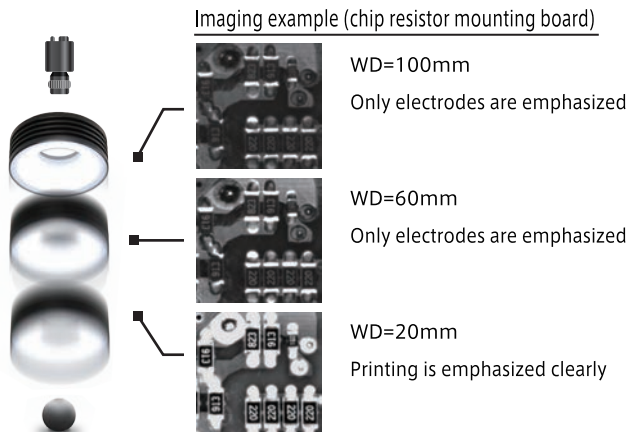
Work Color	Lighting Color	Red LED Illumination	Green LED Illumination	Blue LED Illumination	Relationship of Reflection and Absorption
Cyan					R: Absorption★ G: Reflection B: Reflection C (Cyan)
		Absorption	Reflection	Reflection	
Yellow					R: Reflection G: Reflection B: Absorption★ Y (Yellow)
		Reflection	Reflection	Absorption	
Magenta					R: Reflection G: Absorption★ B: Reflection M (Magenta)
		Reflection	Absorption	Reflection	

2

Features of each lighting

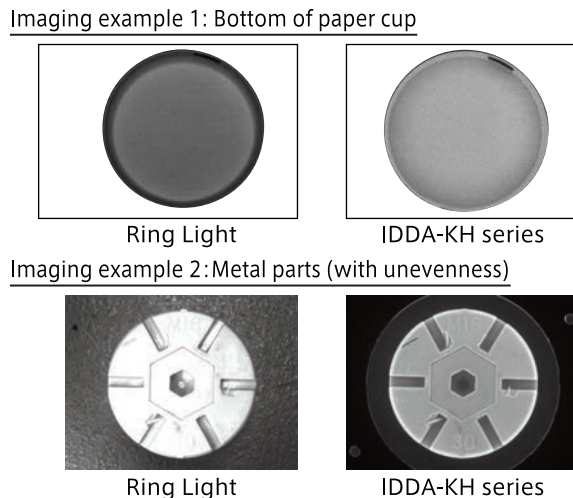
IMAR series

By changing the distance between the object and the lighting, various irradiations can be made.



IDDA-KH series

It enables uniform irradiation from all directions to capture an image without shadows even on curved or uneven objects.



3

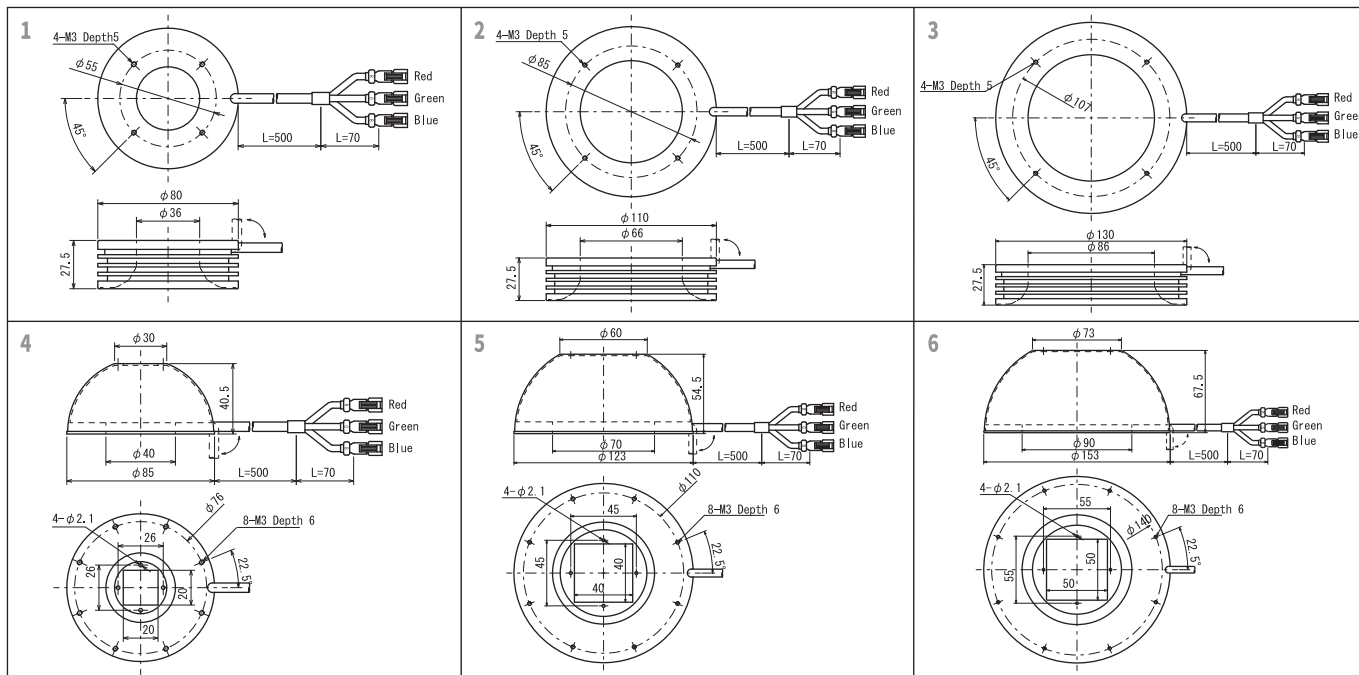
Product Specifications

Model	Color			Power Consumption (W)			Input Voltage	SAG(※)			Drawing	Applicable Power Supply	
	R	G	B	R	G	B		R	G	B		IDGB-30M4 series (stationary light emission)	IJS-40-M4-TP (overdrive emission)
IMAR-80RGB	R	G	B	2.2	2.2	2.2	DC12V	CB	B3	B4	1		
IMAR-110RGB	R	G	B	3.4	3.4	3.4		CA	B3	BA	2		
IMAR-130RGB	R	G	B	4.4	4.4	4.4		D6	BE	C4	3		
IDDA-KH80RGB	R	G	B	2.2	2.2	2.2		CB	B3	B4	4		
IDDA-KH120RGB	R	G	B	3.4	3.4	3.4		CA	B3	BA	5		
IDDA-KH150RGB	R	G	B	4.4	4.4	4.4		D6	BE	C4	6		

※ The SAG value indicates the maximum voltage setting for SAG power supplies. ※ 24V DC models also available.

4

Drawing



Challenge & High Quality

Leimac Ltd.

Head Office : 1551 Sazukawacho, Moriyama, Shiga 524-0215, JAPAN
 TEL: +81-77-585-6771 FAX: +81-77-585-6773
 Tokyo Office : 2-5-6 Uchikanda, Chiyoda-ku, Tokyo 101-0047, JAPAN, 2nd floor Kameda Bldg.
 TEL: +81-3-6206-4838 FAX: +81-3-6206-4575
 Sendai Office : 1-3-9, Honcho, Aoba-ku, Sendai-shi, Miyagi 980-0014, JAPAN, 8th floor 6th Hirose Bldg.
 TEL: +81-3-6206-4838(Tokyo Office) FAX: +81-3-6206-4575(Tokyo Office)
 Testing Room : Osaka, Aichi
 HP : <https://leimac.jp/en/> E-mail: led_sales@leimac.jp