

High Power Lights

HPR2 / HPD2 Series

"Bright", "Uniform", "Easy to Use"

High Power Ring Lights & High Power Dome Lights



"Bright", "Uniform", "Easy to Use"

Improved support by increasing brightness

Achieved higher output than the conventional product

Conventional product Imaging using the HPD-100SW (white)



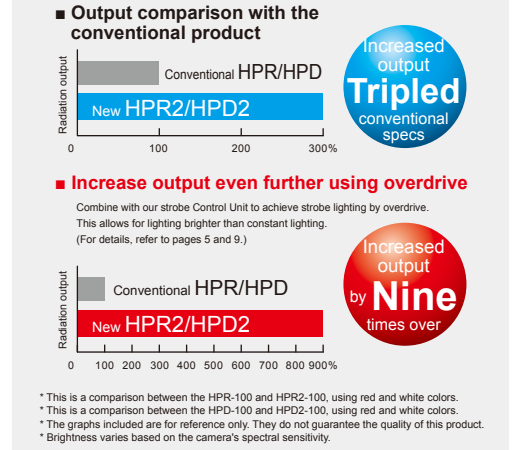
Shutter speed: 1/4,000 (sec)
Amount of light: 70% intensity



New product Imaging using the HPD2-100SW (white)





Shutter speed: 1/4,000 (sec)
Amount of light: 70% intensity





Improved support by adding sizes and wavelength variation

Added models of two sizes





























Ring Light HPR2 Series	
	<ul style="list-style-type: none"> • HPR2-75 model • HPR2-200 model Refer to page 3 for examples of usage.
	Full color (RGB) type Refer to page 4 for examples of usage.

Added wavelength variation































Dome Light HPD2 Series	
	<ul style="list-style-type: none"> • HPD2-75 model • HPD2-200 model Refer to page 7 for examples of usage.
	<ul style="list-style-type: none"> • Full color (RGB) type • Infrared (860 nm) type Refer to pages 7 and 8 for examples of usage.

Providing optimal lighting through a rich lineup

Ring Light HPR2 Series - 7 types, 28 models

	Peak wavelength/Correlated color temperature (typ.)			
	Red (635 nm)	White (6000 K)	Blue (470 nm)	Full color (622/525/470 nm) NEW!
HPR2-50 Series Outer diameter size: Ø50				
NEW! HPR2-75 Series Outer diameter size: Ø91				
HPR2-100 Series Outer diameter size: Ø116				
HPR2-150 Series Outer diameter size: Ø166				
NEW! HPR2-200 Series Outer diameter size: Ø216				
NEW! HPR2-250 Series Outer diameter size: Ø266				
HPR2-400-FT Series Outer diameter size: Ø424				

Dome Light HPD2 Series - 6 types, 30 models

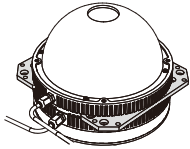
	Peak wavelength/Correlated color temperature (typ.)				
	Red (635 nm)	White (6500 K)	Blue (470 nm)	Full color (622/525/470 nm) NEW!	Infrared (860 nm) NEW!
NEW! HPD2-75 Series Outer diameter size: Ø91					
HPD2-100 Series Outer diameter size: Ø116					
HPD2-150 Series Outer diameter size: Ø166					
NEW! HPD2-200 Series Outer diameter size: Ø216					
HPD2-250 Series Outer diameter size: Ø266					
HPD2-400 Series Outer diameter size: Ø424					

High Power Lights series **Renewal**

“Achieving expandability through a newly designed bracket”

Light Joint Bracket

Combining the Dome Light and the Ring Light to achieve imaging through one-stage light switching or simultaneous lighting.

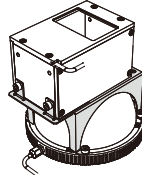


Refer to page 8 for examples of usage.

Can join the HPD2 Series with a Ring Light (HPR2 Series, LDR2-LA Series, LDR-LA1 Series). Refer to the rear cover.

Coaxial Light Joint Bracket

Combining the Dome Light with the Coaxial Light to solve uneven illumination and achieve uniform illumination from every direction.

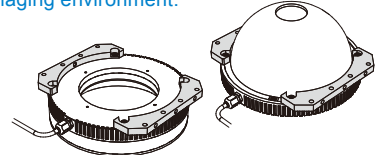


Refer to page 8 for examples of usage.

Can join the HPD2 Series with a Coaxial Light (LFV3 Series). Refer to the rear cover.

Expansion Mounting Bracket

Achieve installation on installation holes with a larger gap than the installation holes on the light, or installation on a vertical surface. Providing the optimal installation based on your imaging environment.



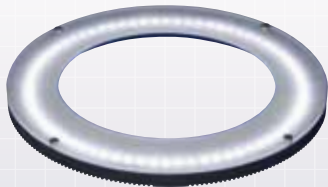
Refer to page 4 for examples of usage.

Attaching this to the HPD2 Series or HPR2 Series allows you to increase your choices for your installation method. Refer to the rear cover.

“Flexible response through product improvement”

Applying a curved type for the diffusion plate of large Ring Lights For the HPR2-400-FT model, the diffusion plate is flat.

Conventional product HPR-250



HPR-250SW (White)

NEW! New product HPR2-250

Achieving illumination with great expandability, from low-angle to high-angle lighting.



HPR2-250SW (White)

Refer to page 4 for examples of usage.

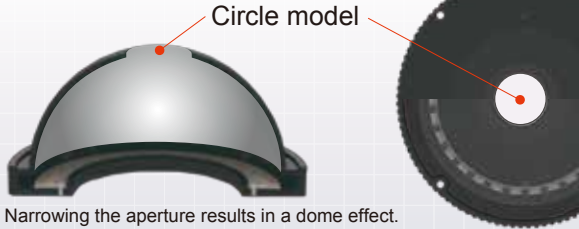
● Cross-section structure (conceptual Image)



Diffusion plate: Curved type

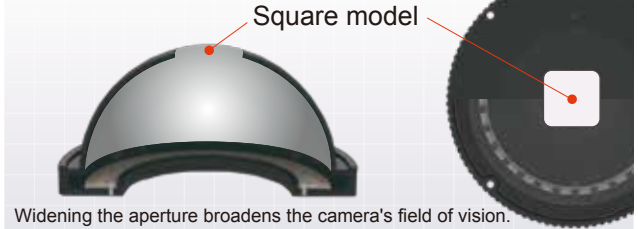
Allows for selection of the camera-side aperture of the Dome Light

Circle type



Narrowing the aperture results in a dome effect.

Square type



Widening the aperture broadens the camera's field of vision.

M12 Connector and Flying Leads Light Unit Cables Are Now Available

4-pin M12 Socket Connectors



Cable Length : 300mm

Model name :
standard model name
+ “ -M12 ”

Polarity & Signal :
1 : (+ DC24)
2 : No Connection
3 : (- GND)
4 : No Connection

Flying Leads



Cable Length : 2000mm

Model name :
standard model name
+ “ -FL ”

Polarity & Signal :
Anode(+)Brown/
Cathode(-)Blue

For example, to order the “HPR2-50RD” with an M12 connector attached, specify the model name as “ **HPR2-50RD-M12** ”.

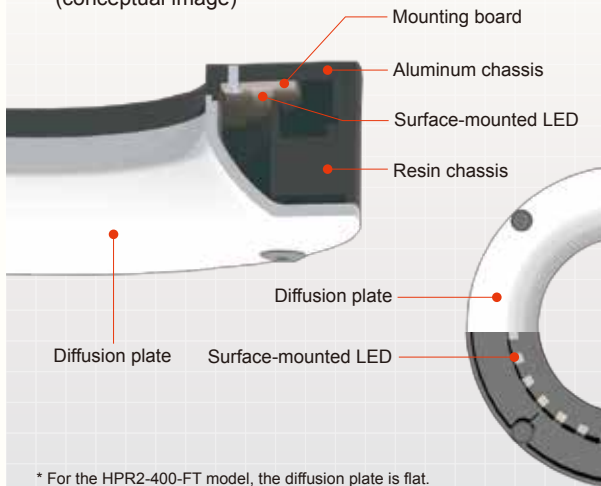
High Power Ring Light HPR2 Series



Uniform illumination of high output diffused light

Through the surface-mounted LED and specially finished* diffusion plate, we achieved high output illumination of uniform diffused light.

- Cross-section structure of the HPR2-100 (conceptual image)

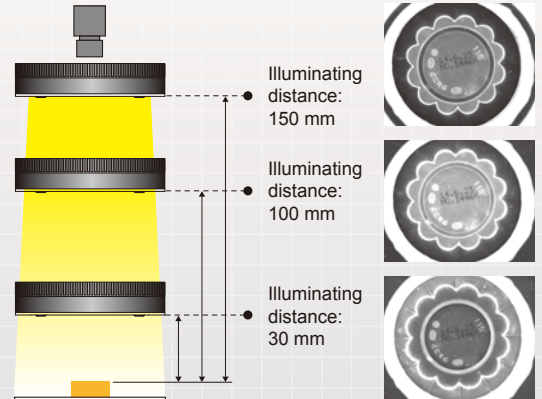


* For the HPR2-400-FT model, the diffusion plate is flat.

Supports a wide variety of applications, from low-angle to high-angle lighting

Our original illuminating mechanism diffuses and illuminates without wasting any of the light illuminated from the LED. Even if the distance from the workpiece to the light is changed, there is little change in the uniform region. Therefore, it can be used in a wide range of applications.

- Illumination with the HPR2-200BL (conceptual image)



Added size variation

HPR2-75 model **NEW!**

Applications: Text recognition on electronics parts, detecting edges of metal parts, etc.



- Comparison of imaging for the HPR2-75RD (red) and with the Ring Light LDR2-70RD2 (red)



Workpiece: Electronics part in embossed tape



With Ring Lights, reflection from the embossed tape surface makes it difficult to perform stable examination.



The new HPR2-75RD allows for text imaging that limits surface reflection.

HPR2-200 Series **NEW!**

Applications: Examining food products by color, examining for foreign materials in drugs, etc.



- Comparison of imaging for the HPR2-200SW (white) and with the Ring Light LDR2-90-30SW2 (white)



Workpiece: Snack



With Ring Lights, reflection from the packaging film makes it difficult to perform stable examination.



The new HPR2-200SW allows for exterior surface imaging that limits surface reflection.



HPR2-100 Series



HPR2-150 Series



NEW! HPR2-200 Series



NEW! HPR2-250 Series



HPR2-400-FT Series

Changed the shape of the diffusion plate

HPR2-250 Series **NEW!**

Applications: Examining text on packaging containers, examining the exterior of plastic products, etc.



- Comparison of imaging for the conventional HPR-250SW (white) and the new HPR2-250SW (white)

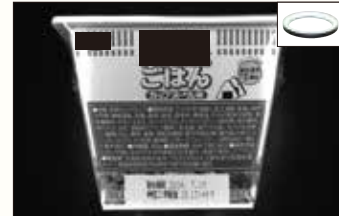


Workpiece: Instant food product



The conventional product had difficulty with imaging of print on the package from a low angle.

Illuminating distance: 50 mm



The new product allows for imaging of print on the package from a low angle.

Illuminating distance: 50 mm

Added wavelength variation

* The change in the radiation amount over time varies for each color (red, green, blue). Periodic adjustments may be necessary after initial radiation settings.

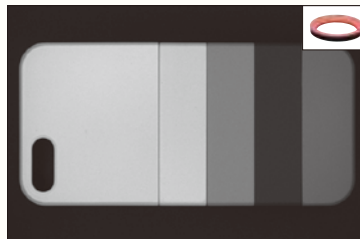
Lineup of full color (RGB) types **NEW!**

Applications: Examining the exterior by color for multi-colored workpieces, examining the exterior of food products, etc.

- Imaging with the HPR2-200FC (full color)



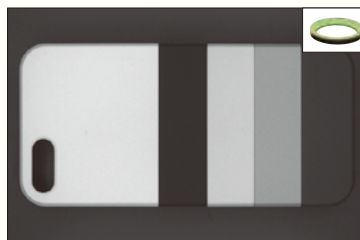
Workpiece: Smartphone case



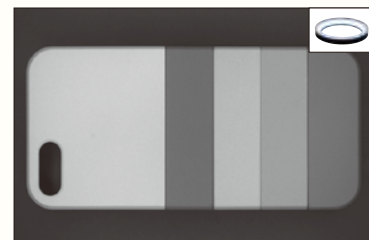
Imaging with red illumination



Imaging with blue illumination



Imaging with green illumination



Imaging with white (all colors lit up) illumination

Providing an expansion mounting bracket

* Not supported for the HPR2-400-FT or HPD2-400 models.

We provide the installation method that is optimal for your examination environment, such as by using the expansion mounting bracket to perform examinations on the side or bottom of the workpiece.

- Examples of using the expansion mounting bracket



Ring light:
Image of usage with the HPR2-200RD



Dome Light:
Image of usage with the HPD2-250SW

Refer to the rear cover.

High Power Ring Light HPR2 Series



Specifications

Series name	Model	LED color	Power consumption (max.)	Peak wavelength/Correlated color temperature (typ.)	Weight (max.)
HPR2-50 Series	HPR2-50RD	Red	7.6 W	635 nm	46 g
	HPR2-50SW	White	9.1 W	6000 K	
	HPR2-50BL	Blue	9.1 W	470 nm	
	HPR2-50FC	(Red/Green/Blue)	3.8 W (Red: 1.0 W / Green: 1.4 W / Blue: 1.4 W)	(622 nm / 525 nm / 470 nm)	
HPR2-75 Series	HPR2-75RD	Red	17 W	635 nm	160 g
	HPR2-75SW	White	16 W	6000 K	
	HPR2-75BL	Blue	16 W	470 nm	
	HPR2-75FC	(Red/Green/Blue)	6.0 W (Red: 1.4W / Green: 2.3W / Blue: 2.3W)	(622 nm / 525 nm / 470 nm)	
HPR2-100 Series	HPR2-100RD	Red	17 W	635 nm	170 g
	HPR2-100SW	White	23 W	6000 K	
	HPR2-100BL	Blue	23 W	470 nm	
	HPR2-100FC	(Red/Green/Blue)	11 W (Red: 2.8W / Green: 4.1W / Blue: 4.1W)	(622 nm / 525 nm / 470 nm)	
HPR2-150 Series	HPR2-150RD	Red	27 W	635 nm	250 g
	HPR2-150SW	White	27 W	6000 K	
	HPR2-150BL	Blue	27 W	470 nm	
	HPR2-150FC	(Red/Green/Blue)	15 W (Red: 3.7W / Green: 5.5W / Blue: 5.5W)	(622 nm / 525 nm / 470 nm)	
HPR2-200 Series	HPR2-200RD	Red	34 W	635 nm	380 g
	HPR2-200SW	White	41 W	6000 K	
	HPR2-200BL	Blue	41 W	470 nm	
	HPR2-200FC	(Red/Green/Blue)	19 W (Red: 4.6W / Green: 6.9W / Blue: 6.9W)	(622 nm / 525 nm / 470 nm)	
HPR2-250 Series	HPR2-250RD	Red	45 W	635 nm	510 g
	HPR2-250SW	White	46 W	6000 K	
	HPR2-250BL	Blue	46 W	470 nm	
	HPR2-250FC	(Red/Green/Blue)	24 W (Red: 5.5W / Green: 9.1W / Blue: 9.1W)	(622 nm / 525 nm / 470 nm)	
HPR2-400-FT Series	HPR2-400RD-FT	Red	45 W	635 nm	1,050 g
	HPR2-400SW-FT	White	46 W	6000 K	
	HPR2-400BL-FT	Blue	46 W	470 nm	
	HPR2-400FC-FT	(Red/Green/Blue)	30 W (Red: 7.3W / Green: 11W / Blue: 11W)	(622 nm / 525 nm / 470 nm)	

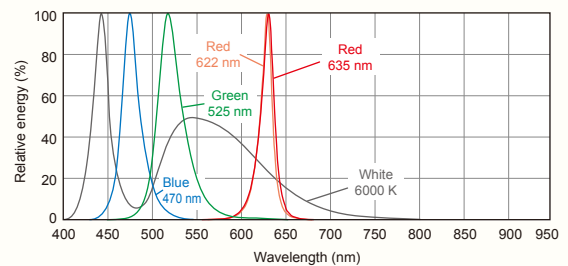
* Compared to the conventional HPR Series, the power consumption, peak wavelength, and correlated color temperature have changed. Confirm specifications and the applicable Control Unit before selecting.
 * Regarding use of the full color type: The change in the radiation amount over time varies for each color (red, green, blue). Periodic adjustments may be necessary after initial radiation settings.

Common specifications

Input voltage	24 VDC
Connector	SMR-03V-B *
Polarity	1: (+), 2: NC, 3: (-)
Cable length	300 mm
Cooling method	Natural cooling
Operating environment (indoors only)	Temperature: 0 to 40°C, Humidity: 20% to 85% RH (with no condensation)
Storage environment	Temperature: -20 to 60°C, Humidity: 20% to 85% RH (with no condensation)
CE marking	Safety standard: EN62471 compliant
Environmental regulation	RoHS compliant
Case material	Aluminum alloy, Resin

* There are three connectors for the full color type.

Light spectrum



Strobe lighting through overdrive achieves high output that is approximately triple* of the constant lighting

* This is a calculated value. Results may vary for individual units.

Combine with our strobe Control Unit (PTU2/BB Series) to achieve strobe lighting by overdrive.

This allows for lighting much brighter than constant lighting (the full color type is not supported).

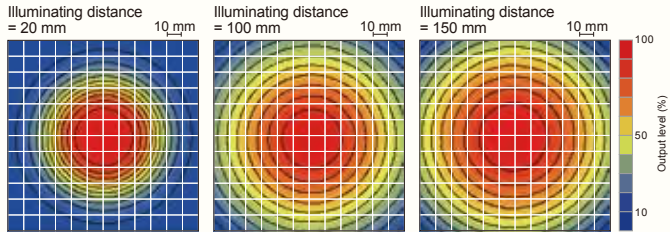
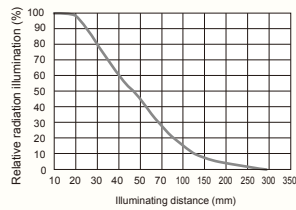
* Overdrive: The voltage or current provided to the light is increased, allowing for lighting brighter than normal.



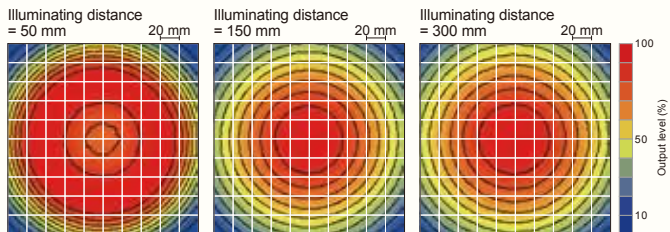
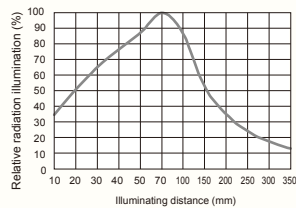
Data: Radiation illumination graph / uniformity graph (Representative example)

* The graphs included are for reference only. They do not guarantee the quality of this product.

HPR2-75SW

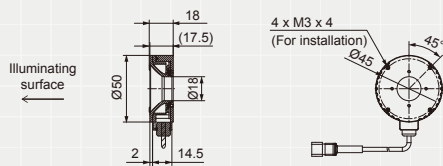


HPR2-200SW

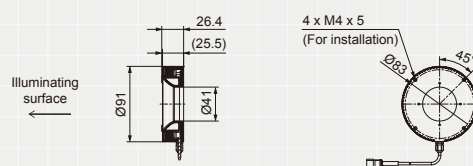


Dimensions (mm)

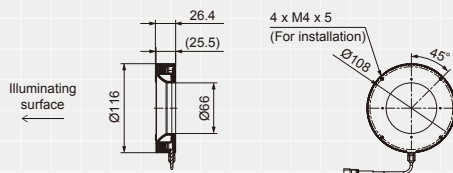
HPR2-50RD/SW/BL/FC



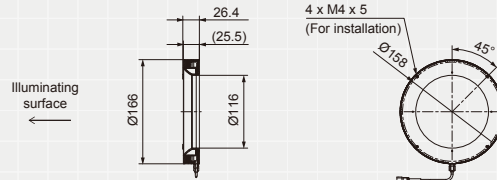
HPR2-75RD/SW/BL/FC



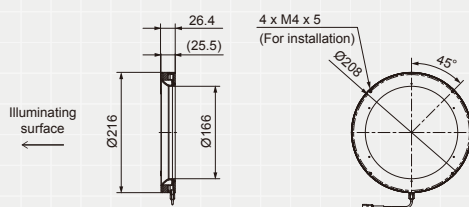
HPR2-100RD/SW/BL/FC



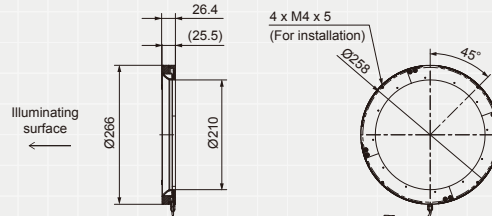
HPR2-150RD/SW/BL/FC



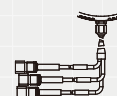
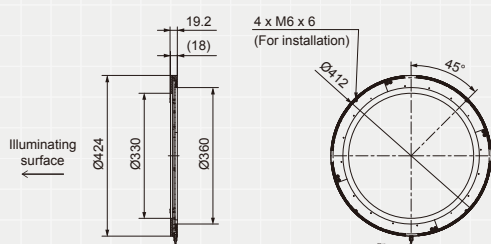
HPR2-200RD/SW/BL/FC



HPR2-250RD/SW/BL/FC



HPR2-400RD-FT/SW-FT/BL-FT/FC-FT



* The full color type (HPR2-□□FC, HPR2-400FC-FT) has three connectors.
Use a Control Unit equipped with three channels when adjusting intensity by color.
* The full color type and our company's strobe Control Unit (PTU2/BB Series) cannot be used together.

* For the HPR2-400-FT model, the diffusion plate is flat.

High Power Dome Light HPD2 Series

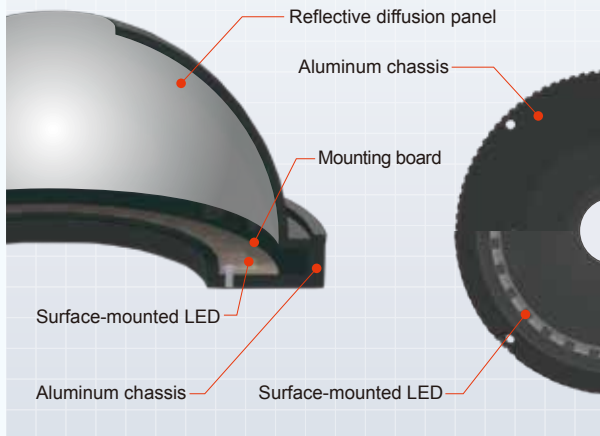


NEW! HPD2-75 Series

Uniform illumination of high output diffused light

Light from the surface-mounted LED is scattered inside of the dome-shaped reflective diffusion panel. The scattered light from the wide uniform region is illuminated onto the workpiece surface evenly.

- Cross-section structure of the HPD2-100 (conceptual image)



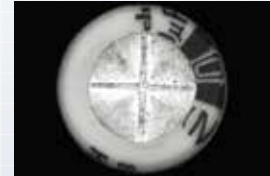
Supports applications for a wide variety of industries

The Dome Lights are applicable for uses in various industry. The usage includes the appearance inspection of the glossy, curved or uneven surface, and also includes the printing inspection, color discrimination inspection and so on.

- Semiconductor industry (Substrate)
- Electronics part industry (Condenser)



HPD2-100SW (White)



HPD2-150SW (White)

- Food industry (Chocolate)



HPD2-250SW (White)

- Packaging industry (Top of a beverage container)



HPD2-150SW (White)

Added size variation

HPD2-75 model **NEW!**

Applications: Examining the text and exterior of metal parts, etc.

- Imaging via the HPD2-75RD (red)



Workpiece: Nut



Performs accurate imaging of the engraved text, reducing reflection from the nut surface.

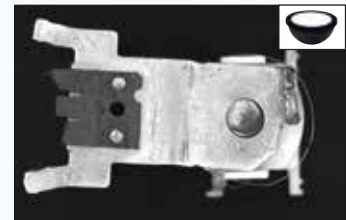
HPD2-200 model **NEW!**

Applications: Examining faults, engraving, or print on glossy surfaces, etc.

- Imaging via the HPD2-200SW (White)



Workpiece: Metal parts



Performs accurate imaging of the exterior, reducing reflection from the metal surface.

Added wavelength variation

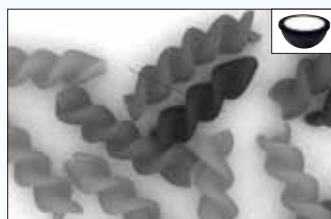
Lineup of infrared types **NEW!**

Applications: Examining for foreign material mixed in with food products, examining exterior of packaging, etc.

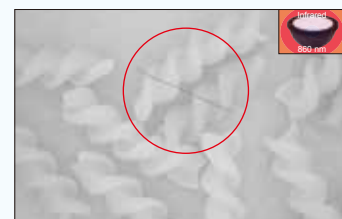
- Comparison of imaging for the HPD2-200IR860 (infrared) and HPD2-200SW (white)



Workpiece: Macaroni



White light imaging makes differentiating between the foreign material and the macaroni difficult.



Infrared light imaging allows for differentiating between the foreign material and the macaroni.



Added wavelength variation

* The change in the radiation amount over time varies for each color (red, green, blue). Periodic adjustments may be necessary after initial radiation settings.

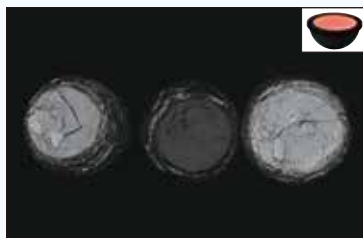
Lineup of full color (RGB) types **NEW!**

Applications: Examining the exterior by color for multi-colored workpieces, examining the exterior of food products, etc.

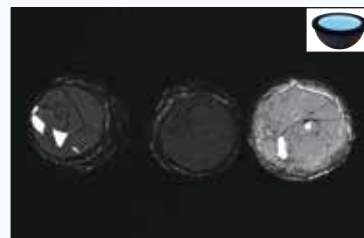
● Comparison of imaging via the HPD2-200FC (full color)



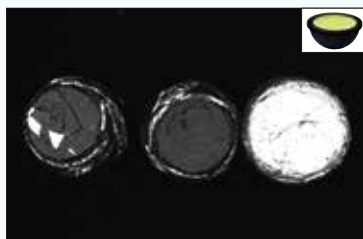
Workpiece: Chocolate



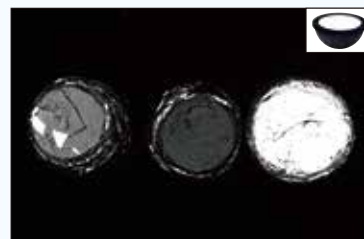
Imaging with red illumination



Imaging with blue illumination



Imaging with green illumination



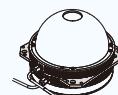
Imaging with white (all colors lit up) illumination

Provided two types of joint brackets

* Not supported for the HPR2-400-FT or HPD2-400 models.

Achieve optimal imaging by combining the Dome Light HPD2 Series with the Ring Light or Coaxial Light. Refer to the rear cover.

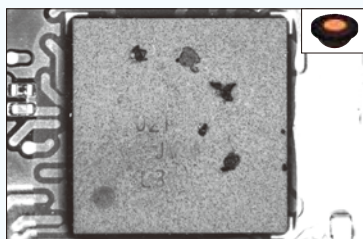
Examples of using the light joint bracket



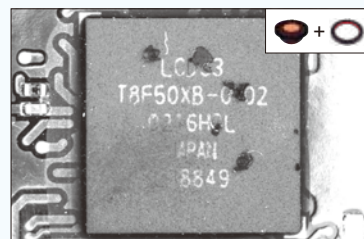
● Comparison of imaging for the HPD2-75RD (red) and the combination with the low angle light LDR-96RD2-LA1 (red)



Workpiece: Electronics part on a substrate

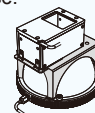


With Dome Light imaging, the surface text is erased but the foreign materials and dirt are captured.



Combining the Dome Light and the low angle light allows for imaging of the text, foreign material, and dirt on the surface.

Examples of using the Coaxial Light joint bracket



● Comparison of imaging for the HPD2-200RD (red) and the combination with the Coaxial Light LFFV3-70RD (red)



Workpiece: Pet food container



Imaging with Dome Light captures reflections from the bumps on the container.



Allows for uniform imaging of the whole container by combining the Dome Light with a Coaxial Light.

High Power Dome Light HPD2 Series



NEW! HPD2-75 Series

Specifications

Series name	Model	LED color	Power consumption (max.)	Peak wavelength/Correlated color temperature (typ.)	Weight (max.)
HPD2-75 Series	HPD2-75RD	Red	17 W	635 nm	140 g
	HPD2-75SW	White	16 W	6500 K	
	HPD2-75BL	Blue	16 W	470 nm	
	HPD2-75FC	(Red/Green/Blue)	6.0 W (Red: 1.4 W / Green: 2.3 W / Blue: 2.3 W)	(622 nm / 525 nm / 470 nm)	
	HPD2-75IR860	Infrared	12 W	860 nm	
HPD2-100 Series	HPD2-100RD	Red	17 W	635 nm	160 g
	HPD2-100SW	White	23 W	6500 K	
	HPD2-100BL	Blue	23 W	470 nm	
	HPD2-100FC	(Red/Green/Blue)	11 W (Red: 2.8 W / Green: 4.1 W / Blue: 4.1 W)	(622 nm / 525 nm / 470 nm)	
	HPD2-100IR860	Infrared	23 W	860 nm	
HPD2-150 Series	HPD2-150RD	Red	27 W	635 nm	285 g
	HPD2-150SW	White	27 W	6500 K	
	HPD2-150BL	Blue	27 W	470 nm	
	HPD2-150FC	(Red/Green/Blue)	15 W (Red: 3.7W / Green: 5.5W / Blue: 5.5W)	(622 nm / 525 nm / 470 nm)	
	HPD2-150IR860	Infrared	35 W	860 nm	
HPD2-200 Series	HPD2-200RD	Red	34 W	635 nm	460 g
	HPD2-200SW	White	41 W	6500 K	
	HPD2-200BL	Blue	41 W	470 nm	
	HPD2-200FC	(Red/Green/Blue)	19 W (Red: 4.6W / Green: 6.9W / Blue: 6.9W)	(622 nm / 525 nm / 470 nm)	
	HPD2-200IR860	Infrared	46 W	860 nm	
HPD2-250 Series	HPD2-250RD	Red	45 W	635 nm	650 g
	HPD2-250SW	White	46 W	6500 K	
	HPD2-250BL	Blue	46 W	470 nm	
	HPD2-250FC	(Red/Green/Blue)	24 W (Red: 5.5W / Green: 9.1W / Blue: 9.1W)	(622 nm / 525 nm / 470 nm)	
	HPD2-250IR860	Infrared	46 W	860 nm	
HPD2-400 Series	HPD2-400RD	Red	45 W	635 nm	1,300g
	HPD2-400SW	White	46 W	6500 K	
	HPD2-400BL	Blue	46 W	470 nm	
	HPD2-400FC	(Red/Green/Blue)	30 W (Red: 7.3W / Green: 11W / Blue: 11W)	(622 nm / 525 nm / 470 nm)	
	HPD2-400IR860	Infrared	46 W	860 nm	

* Compared to the conventional HPR Series, the power consumption, peak wavelength, and correlated color temperature have changed. Confirm specifications and the applicable Control Unit before selecting.

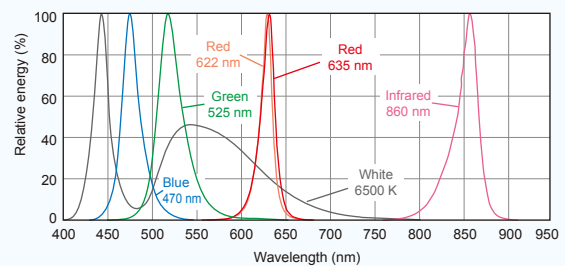
* Regarding use of the full color type: The change in the radiation amount over time varies for each color (red, green, blue). Periodic adjustments may be necessary after initial radiation settings.

Common specifications

Input voltage	24 VDC
Connector	SMR-03V-B *
Polarity	1: (+), 2: NC, 3: (-)
Cable length	300 mm
Cooling method	Natural cooling
Operating environment (indoors only)	Temperature: 0 to 40°C, Humidity: 20% to 85% RH (with no condensation)
Storage environment	Temperature: -20 to 60°C, Humidity: 20% to 85% RH (with no condensation)
CE marking	Safety standard: EN62471 compliant
Environmental regulation	RoHS compliant
Case material	Aluminum alloy, Resin

* There are three connectors for the full color type.

Light spectrum



Strobe lighting through overdrive achieves high output that is approximately triple* of the constant lighting

* This is a calculated value. Results may vary for individual units.

Combine with our strobe Control Unit (PTU2/BB Series) to achieve strobe lighting by overdrive.

This allows for lighting much brighter than constant lighting (the full color type is not supported).

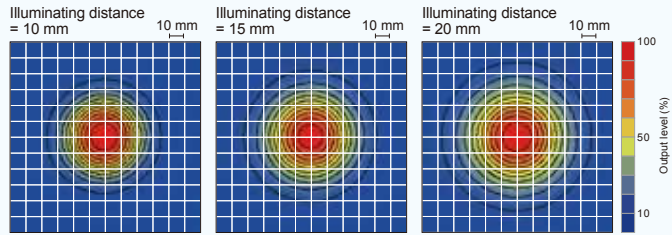
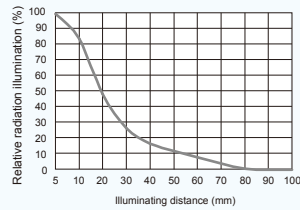
* Overdrive: The voltage or current provided to the light is increased, allowing for lighting brighter than normal.



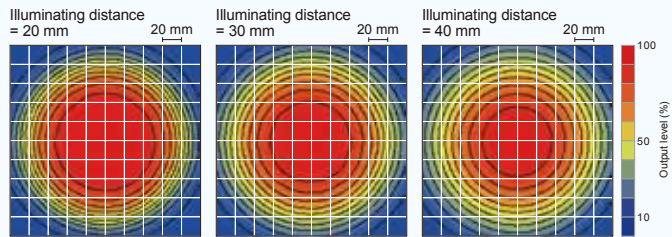
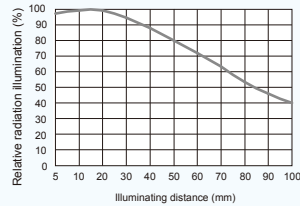
Data: Radiation illumination graph / uniformity graph (Representative example)

* The graphs included are for reference only. They do not guarantee the quality of this product.

HPD2-75SW

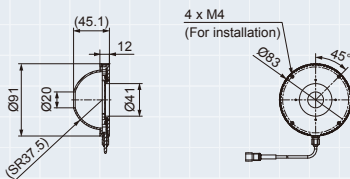


HPD2-200SW

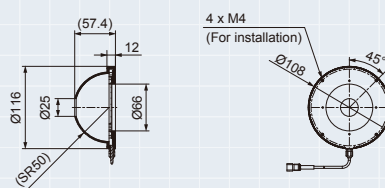


Dimensions (mm)

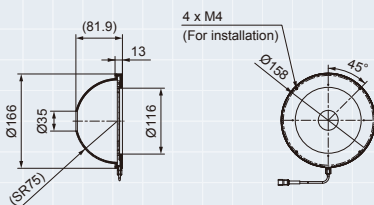
HPD2-75RD/SW/BL/FC/IR860



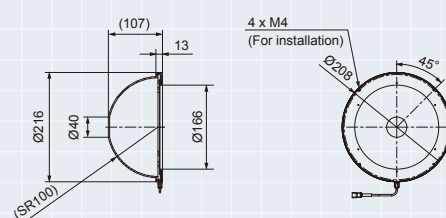
HPD2-100RD/SW/BL/FC/IR860



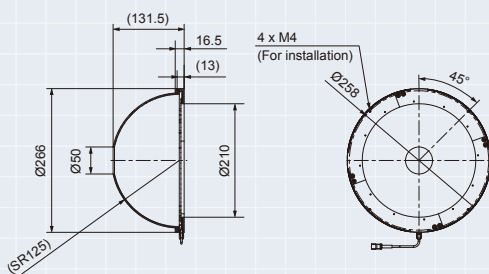
HPD2-150RD/SW/BL/FC/IR860



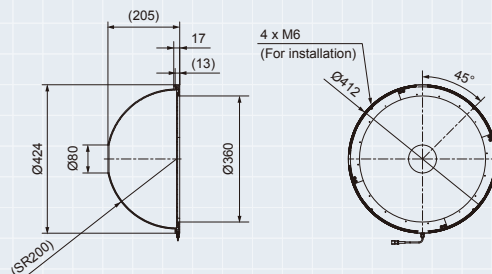
HPD2-200RD/SW/BL/FC/IR860



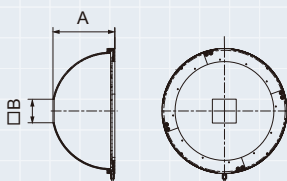
HPD2-250RD/SW/BL/FC/IR860



HPD2-400RD/SW/BL/FC/IR860



• Square type dimensions



• Dimensions table

Model	A dimension	B dimension
HPD2-75□-SQ20	45.1	20
HPD2-100□-SQ30	56.7	30
HPD2-150□-SQ40	81.3	40
HPD2-200□-SQ50	105.8	50
HPD2-250□-SQ60	130.3	60
HPD2-400□-SQ80	205	80

* □ is a placeholder for letters that indicate the color of the emitted light.

* The full color type (HPD2-□□FC) has three connectors. Use a Control Unit equipped with three channels when adjusting intensity by color.

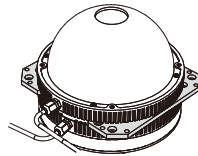
* The full color type and our company's strobe Control Unit (PTU2/BB Series) cannot be used together.

Bracket Dimensions (mm)

Light Joint Bracket

(Includes two clamps and light installation screws)

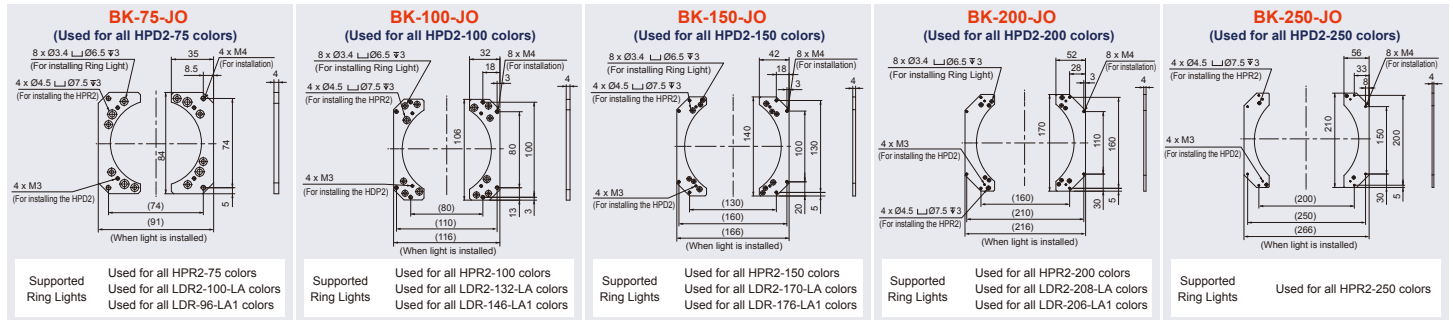
Installation image for the HPD2-100 and HPR2-100



Supported Dome Lights (HPD2 Series)



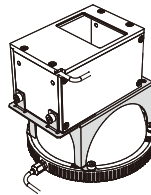
Supported Ring Lights (HPR2 Series / LDR2-LA Series / LDR-LA1 Series)



Coaxial Light Joint Bracket

(Includes one clamp and light installation screws)

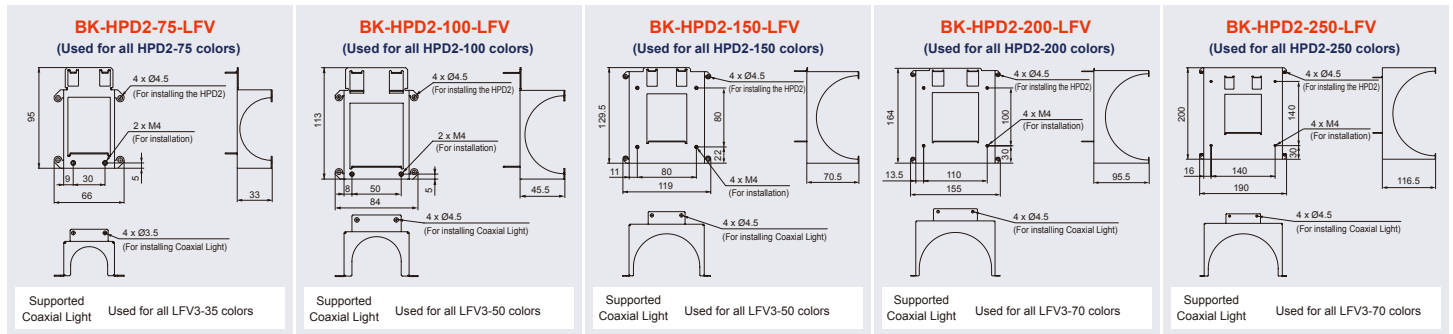
Installation image for the HPD2-100 and LRV3-50



Supported Dome Lights (HPD2 Series)



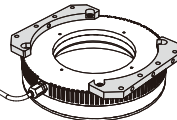
Supported Coaxial Light (LRFV3 Series)



Expansion Mounting Bracket

(Includes two clamps and light installation screws)

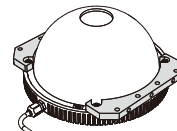
Installation image for the HPR2-100



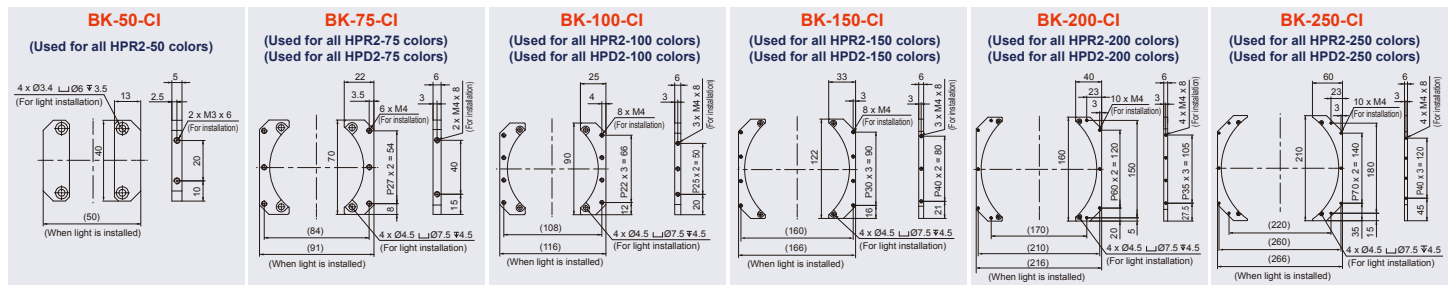
Supported Ring Lights (HPR2 Series)



Installation image for the HPD2-100



Supported Dome Lights (HPD2 Series)



* If you would like to use the Light Joint Brackets together with the Coaxial Light Joint Bracket, contact CCS.

• "CCS", "LIGHTING SOLUTION", "HPR", and "HPD" are the trademarks or registered trademarks of CCS Inc.

CAUTION

- To ensure proper and safe use of the product, please read the *Instruction Guide* completely before using the product.
- The design and specifications of this product are subject to change without notification for product improvement.



Headquarters
Shimodachiuri-agaru, karasuma-dori, kamigyo-ku,
Kyoto 602-8011 JAPAN
TEL : +81-75-415-8284 / FAX : +81-75-415-8278
URL : <http://www.ccs-grp.com/>
E-mail : sales@ccs-inc.co.jp

CCS Asia PTE LTD
63 Hillview Avenue #07-10, Lam Soon Industrial
Building, Singapore 669569
TEL : +65-6769-1669 / FAX : +65-6769-3422
URL : <http://www.ccs-asia.com.sg/>
E-mail : sales@ccs-asia.com.sg

CCS America, Inc
5 Burlington Woods Suite 204 Burlington, MA 01803 USA
TEL : +1-781-272-6900 / FAX : +1-781-272-6902
URL : <http://www.ccsamerica.com/>
Email : info@ccsamerica.com

CCS Inc. Shanghai Office
Room 308B-309, CIMIC Tower No.1090 Century Avenue,
Pu Dong New Area, Shanghai 200120, P.R. China
TEL : +86-21-5835-8728 / FAX : +86-21-5835-8928
Email : ccschina@ccs-inc.co.jp

CCS Europe NV/SA
Bergensesteenweg 423, Bus 13
1600 Sint-Pieters-Leeuw, Belgium
TEL : +32-(0)2-333-0080 / FAX : +32-(0)2-333-0081
Email : info@ccseu.com

CCS Inc. Shenzhen office
17B, China Economic Trade Building, 7Rd Zizhu, Zhuzilin,
Futian District, Shenzhen 518040 P.R.China
TEL : +86-755-8279-0477 / FAX : +86-755-8279-0478
Email : ccschina@ccs-inc.co.jp