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CCS High Intensity Ring Lights

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- Uniform High Intensity Diffuse Light Source
- Switchable Red, Green, Blue, and White Channel Outputs
- Illumination for Text Recognition (OCR) and Color Examination Applications

Common Specifications

General

Type of Illumination:	LED Illuminator	Manufacturer:	CCS
Geometry:	Ring Light	Illumination Mode:	Constant

Hardware & Interface Connectivity

Input Voltage (V):	24	Power Supply:	Power Supply Required and Sold Separately: USA: #73-491 Europe: #73-491 Japan: #89-513 Korea: #33-773 China: #73-491
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Technical Information

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.

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

Products

Color	Wavelength (nm)	Illumination Mode	Power Consumption (W)	Dimensions (mm)	Stock Number	Price	Buy
Red	635	Constant	17	OD: 91, ID: 41, Height 26.4	#21-797	\$1,519.00	Contact Us
White	-	Constant	16	OD: 91, ID: 41, Height 26.4	#21-798	\$1,519.00	2 In Stock
Blue	470	Constant	16	OD: 91, ID: 41, Height 26.4	#21-799	\$1,519.00	1 In Stock
RGB	-	Constant	6	OD: 91, ID: 41, Height 26.4	#21-800	\$2,282.00	Contact Us
Red	635	Constant	17	OD: 116, ID: 66, Height 26.4	#21-801	\$1,561.00	1 In Stock
White	-	Constant	23	OD: 116, ID: 66, Height 26.4	#21-802	\$1,561.00	2 In Stock
Blue	470	Constant	23	OD: 116, ID: 66, Height 26.4	#21-803	\$1,561.00	Contact Us
RGB	-	Constant	11	OD: 116, ID: 66, Height 26.4	#21-804	\$2,471.00	1 In Stock

[#21-804-RCD-05P Recertified](#)



Recertified

Stock No.: 21-804-RCD-05P
Recertified Code: 05P (All Original Parts Included, Perfect)

Recertified Products

Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

RGB	-	Constant	11	OD: 116, ID: 66, Height 26.4	Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard return policy applies.	S\$1,330.00	1 In Stock
View all our recertified products in the Web Specials section of our website.							

05	All Original Parts Included	Parts	Cosmetic
		P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

Red	635	Constant	27	OD: 166, ID: 116, Height 26.4	#21-805	S\$2,079.00	1 In Stock
White	-	Constant	27	OD: 166, ID: 116, Height 26.4	#21-806	S\$2,079.00	1 In Stock
Blue	470	Constant	27	OD: 166, ID: 116, Height 26.4	#21-807	S\$2,079.00	1 In Stock
RGB	-	Constant	15	OD: 166, ID: 116, Height 26.4	#21-808	S\$3,227.00	Contact Us



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