



# Light Sources for Micro Fiber-heads

## HLV2-3M-RGB-3W

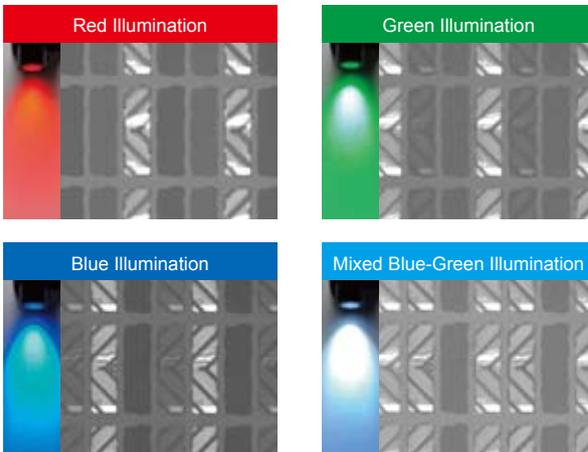
**Allow users to tailor the illumination color to the target object**  
 Micro Fiber-head combination ensures compatibility with a wide array of applications.



### Blend the color as you want

The HLV2-3M-RGB-3W is an exclusive light source comprised of a light source section and a blending unit. It enables step-less, independent dimming of each color. The special construction of the blending unit eliminates irregularities to provide uniform light emission. Connection to a model from the CCS Micro Fiber Head Ring Series allows you to create the optimal illumination color for a variety of configurations.

#### Image Examples of Liquid Crystal Color Filters



Independent control of intensity provides the optimal illumination according to the spectral characteristics of object.

### Precise color blending using CCS's mixing chamber and three-channel power supply

The HLV2-22RD-NR-3W red light source, HLV2-22GR-NR-3W green light source, and HLV2-22BL-NR-3W blue light source are built into the HLV2-3M-RGB-3W. The R, G, and B light sources can be independently controlled to create any combination up to full-spectrum lighting. This ensures that the best illumination color will be available for the spectroscopic reflectivity of the workpiece.

#### Increased intensity using CCS's second-generation high intensity HLV2 light source



Straight type HFS-14-500

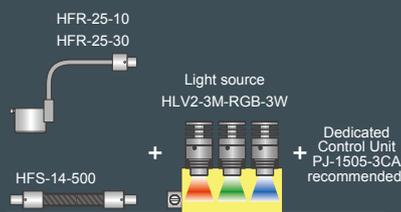


Ring type HFR-25-10/ HFR-25-30



### Application Example of HLV2-3M-RGB-3W

Micro Fiber-head combination ensures compatibility with a wide array of applications



### Optional Extension Cable

#### Standard models

FCB-1/-2/-3/-5  
 (1m/2m/3m/5m)

\*Refer to Page 94.

#### Models with robot cables

FRCB-1/-2/-3/-5  
 (1m/2m/3m/5m)

\*Refer to Page 94.

#### Using an Extension Cable

Do not connect longer than 5 m of Extension Cables.

\*If you need to use an Extension Cable longer than 5 m, please contact a CCS sales representative.

Branch cables cannot be used.

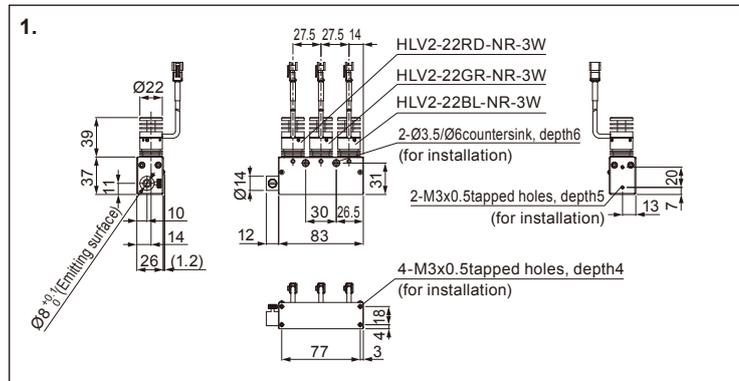
# Product Lineup Table

Direct Number : You can easily access the web page providing information on any desired product by simply entering the 7-digit direct number in the space provided. (Refer to the back cover of this brochure.)

Series	Direct Number	Model Name	Color	Power Consumption	Option	Dimension
HLV2-3M-RGB-3W	1004528	HLV2-3M-RGB-3W	●	8.4W	—	1
			○			
			●			

Please use CC-PJ-0707 or PJ Series control unit for HLV2 Spotlights.  
Refer to pages 87 and 88 for details on Control Units for HLV2 Spotlights.

## Dimension Diagrams (Unit: mm)



Refer to pages 87 and 88 for details on Control Units for HLV2 Spotlights.