

# Micro Fiber Head Dedicated Light Sources

## HLV2-3M-RGB-3W

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CCS HLV2-3M-RGB-3W

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Micro Fiber Head  
Dedicated Light Sources Products

A full color light source that achieves the illumination color perfect for your workpiece



HLV2-3M-RGB-3W

Example connection with the HFS-14-500



Example connection with the HFR-25-30



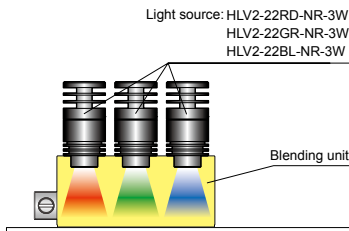
### Features

The red, blue, and green light illuminated from the dedicated light sources is blended inside this unit, achieving the illumination color perfect for the workpiece. Combine with a micro fiber head to support a wide variety of applications.

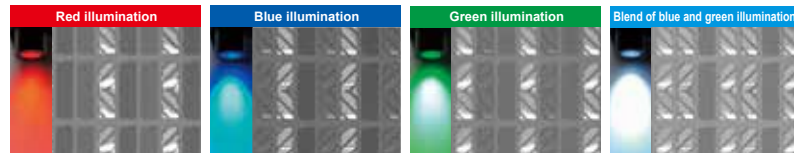
We accept custom orders. Please feel free to inquire.

- Shape modifications
- Brightness increases
- Changes in wavelength, etc.

#### Example configuration (HLV2-3M-RGB-3W)



#### Imaging example: Imaging of liquid-crystal color filter



Use the HLV2-22-NR-3W series to create illumination with a highly accurate blended color. Independently adjust the intensity for each color to create exactly the color you want and help improve inspection accuracy.

Micro Fiber Head Product Page ▶ P.165    HLV2-22-NR-3W series Product Page ▶ P.167

### Lineup

Model name	LED color	Power consumption	Peak wavelength	Options	Extension cables	Recommended Control Units	Weight
HLV2-3M-RGB-3W	Red	8.4 W	645 nm	-	FCB*2 Straight Cable FRCB Robot Cable	PD3*1 PJ	232 g
	Green		520 nm				
	Blue		465 nm				

LED Properties: Spectral Distribution ▶ P.306

Extension Cables ▶ P.296

Control Unit Selection Guide ▶ P.243

List of Control Unit Specifications ▶ P.245

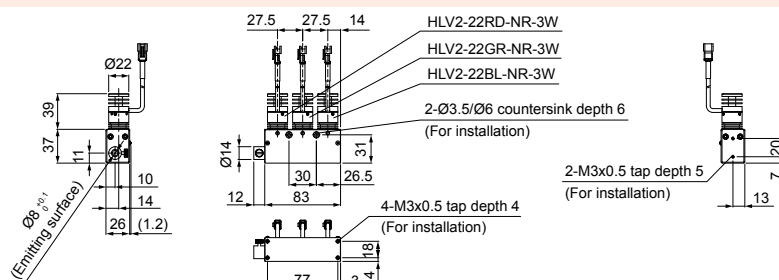
\*1 The PD3-3024-3 and PD3-5024-3 series are not applicable to these products.  
\*2 The cables with a model name that ends with "-ME7" or "-EL2" are not included.

**Caution**

- The length of the extension cable must be 5 m or less. If you want to use longer than 5 m, please contact your CCS sales representative.
- Branch cables cannot be used. Use the FCB series (straight cable) or the FRCB series (robot cable).

### Dimensions (mm)

HLV2-3M-RGB-3W



You can inquire using our website.

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Other Inquiries

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<http://www.ccs-grp.com/contact/>

Direct Lighting	LDR2 LDR2-LA LDR-LA1 SQR SQR-TP
Diffused Lighting	HPR2 LFR LKR FPR FPQ2
Direct Lighting	LDL2 LDLB HLDL2 HL
Diffused Lighting	TH2 (5 types) TH LFL HPD2 LAV PDM LFX3 LFX3-PT LFX2 LFX3
Coaxial Lighting	MSU MFU
Strobe Lighting	PF
Water-proof	HLDR-IP/ IQ/HSL-PCL
Ultraviolet Lighting	UV2 UV LNSP-UV-FN
Infrared Lighting	IR2
Intensity Control	IU
Spot Lighting, Etc.	HLV2 LV LSP HFS/HFR HLV2-NR HLV2-3M-RGB-3W PFBR PFB2
Convergent Lighting	LNLP LNSP2 LNSP Coaxial Units LNSP-FN LN/LN-HK
Diffused Lighting	LNSD LND2 HLND LT LNV/HLDN
Oblique-Angled Lighting	LNDG LNIS2 LNIS LNIS-FN
Lenses	Telecentric Lens Macro Lens