

# Micro Fiber Head Dedicated Light Sources

## HLV2-3M-RGB-3W

Refer to our website for product details.

CCS HLV2-3M-RGB-3W

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Micro Fiber Head Dedicated Light Sources

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



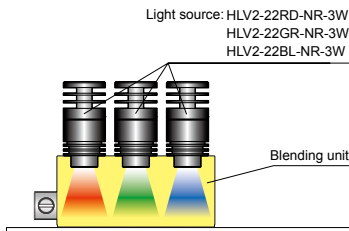
### Characteristics

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.

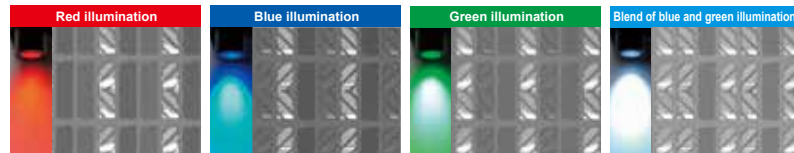
We accept custom orders. Please feel free to inquire.

- Change to format
- Increase brightness
- Change to 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.117      HLV2-22-NR-3W series Product Page ▶ P.119

### Lineup

Model name	LED color	Power consumption	Peak wavelength	Options	Recommended Control Units	Weight
HLV2-3M-RGB-3W	Red	8.4 W	645 nm	-	<input type="checkbox"/> PD3* <input type="checkbox"/> PJ	232 g
	Green		520 nm			
	Blue		465 nm			

LED Properties: Light Spectrum ▶ P.234

Extension Cables ▶ P.222

Control Unit Selection Guide ▶ P.181

Control Unit Page ▶ P.185

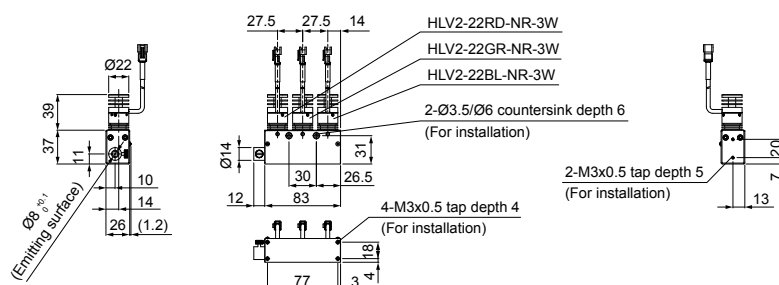
\* The PD3-3024-3 and PD3-5024-3 series are not applicable to these products.

#### Caution

- The length of the extension cable must be 5 m or less. If you would like 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.

Requests for Light Unit Selection

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Product Inquiries

Other Inquiries

Inquire on our website here.  
<http://www.ccs-grp.com/contact/>

Direct Lighting	LDR2
	LDR2-LA
	LDR-LA1
	SQR
Convergent Lighting	SQR-TP
	HLDR-IP
Diffused Lighting	HPR2
	HPR
	LFR
	LKR
	FPR
	FPQ2
Direct Lighting	LDL2
	LDLB
	HLDL2
Diffused Lighting	TH
	LFL
	HPD2
	HPD
	LDM2
	LAV
	PDM
	LFX2
	LFV3
	LFV2
Collimated Lighting	MSU
	MFU
	UV2
Ultraviolet Lighting	UV
	LNSP-UV-FN
Infrared Lighting	IR2
	HLV2
Spot Lighting, Etc.	LV
	LSP
	HFS/HFR
	HLV2-NR
	HLV2-3M-RGB-3W
	PFB2
PFBR	
Convergent Lighting	LNSP
	CU-LNSP
	LNSP-FN
	LN/LN-HK
Diffused Lighting	LNSD
	LND2
	HLND
	LT
Oblique Angled Lighting	LNIS
	LNIS-FN
Lenses	Telecentric Lens
	Macro Lens