

Micro Fiber Head Dedicated Light Sources HLV2-3M-RGB-3W

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



■ Example connection with the HFS-14-500



■ Example connection with the HFR-25-30



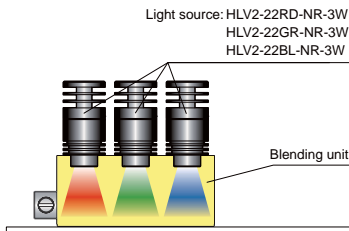
Features

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.

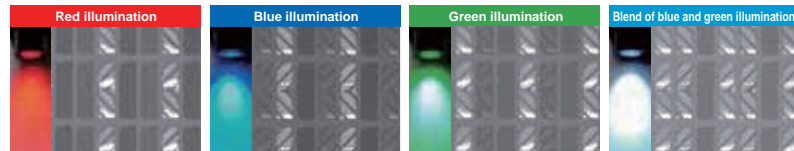
We accept custom orders. Please feel free to inquire.

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

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



Imaging example: Imaging of liquid-crystal color filters



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.163 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}	232 g
	Green		520 nm			PJ 3ch	
	Blue		465 nm			PJ 4ch	

LED Properties: Spectral Distribution ▶ P.326

Extension Cables ▶ P.308

Control Unit Selection Guide ▶ P.251

List of Control Unit Specifications ▶ P.253

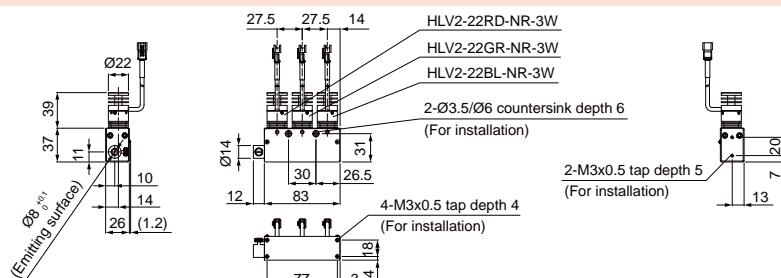
*1 The PD3-3024-3 and PD3-5024-3 series are not applicable to these products.
*2 The cables with a model name that ends with "-ME7", "-EL2", "-PF", or "-PF-EL9" are not included.

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 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.

- Sample Testing
- Light Unit Selection
- Free Product Trial
- Custom Orders
- Product Details
- Pricing/Quotation
- Discontinued Products

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
- LDM2
- LAV
- PDM
- LFX3
- LFX3-PT
- LFV3

Colimated Lighting

- MSU
- MFU

Strobe Lighting

- PF

Water-proof

- HLDR-IP/ HSL-PCL

Ultraviolet Lighting

- UV2
- UV
- LNSP-UV-FN

Intensity/Infrared Control Lighting

- IR2
- IU

Spot Lighting, Etc.

- HLV3
- HLV2
- LV
- LSP
- HFS/HFR
- HLV3-NR
- HLV3-3M-RGB-4
- HLV2-NR
- HLV2-3M-RGB-3W
- PFBR
- PFB3
- PFB2

Convergent Lighting

- LNL
- LNSP2
- LNSP
- Coaxial Units
- LNSP-FN
- LN/LN-HK

Diffused Lighting

- LNSD
- LND2
- HLND
- LT
- LNV

Oblique-Angled Lighting

- LNDG
- LNIS2
- LNIS
- LNIS-FN

Lenses

- Telecentric Lens
- Macro Lens