

Micro Fiber Head Dedicated Light Sources

HLV2-22-NR-3W series

Refer to our website for product details.

CCS HLV2-22-NR-3W

Search



You can also use your smartphone or cell phone.

Use a search engine.

Provides high output spot lighting using an original optical design



Example connection with the HFS-14-500



Example connection with the HFR-25-30



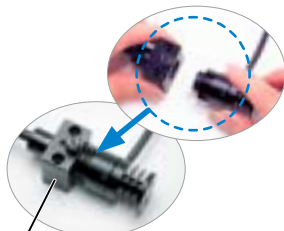
Other Products
Micro Fiber Head Dedicated Light Sources
HLV2-22-NR-3W series

Characteristics

The micro fiber head dedicated light source allows for easy installation and removal. Select the perfect emitted color for workpiece imaging to achieve accurate characteristic extraction.

We accept custom orders. Please feel free to inquire.

- Change to format
- Increase brightness
- Change to wavelength, etc.



HFS/HFR accessory: Connection adapter (AD-HF)

For the light source of a micro fiber head



Micro Fiber Head Product Page ▶ P.107

For the light source of a full color blending unit



Full Color Blending Unit Product Page ▶ P.110

Lineup

Model name	LED color	Power consumption	Peak wavelength/ correlated color temperature	Options	Recommended Control Units	Weight
HLV2-22RD-NR-3W	Red	2.8 W	645 nm	-	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">PD3</div> <div style="border: 1px solid black; padding: 2px;">CC-PJ-0707</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">PJ</div>	37 g
HLV2-22SW-NR-3W	White		5,300 K			
HLV2-22BL-NR-3W	Blue		465 nm			
HLV2-22GR-NR-3W	Green		520 nm			

LED Properties: Light Spectrum ▶ P.208

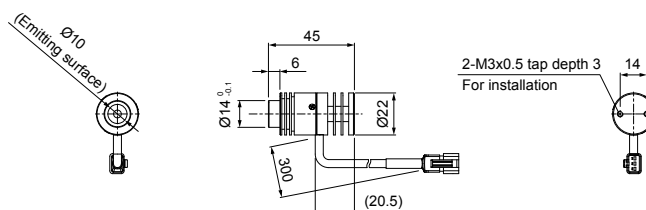
Extension Cables ▶ P.196

Control Unit Selection Guide ▶ P.155

Control Unit Page ▶ P.159

Dimensions (mm)

HLV2-22RD-NR-3W/SW-NR-3W/BL-NR-3W/GR-NR-3W



Caution

- Do not connect extension cables for 5 m or longer. If you would like to use 5 m or longer, please inquire with your CCS sales representative.
- Branch cables cannot be used.

We have various materials.

PDF Drawings

DXF Drawings

3D CAD

Instruction Guides

Product Filers

Imaging Samples

Data Sheets

Examples of Custom Ordered Products

Download here.

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

Micro Fiber Head Dedicated Light Sources

HLV2-3M-RGB-3W

Refer to our website for product details.

CCS HLV2-3M-RGB-3W

Search



You can also use your smartphone or cell phone.

Use a search engine.

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



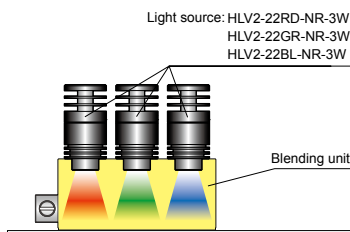
Characteristics

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.

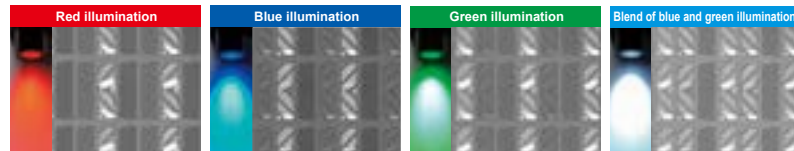
We accept custom orders. Please feel free to inquire.

- 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.107 HLV2-22-NR-3W series Product Page ▶ P.109

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.208

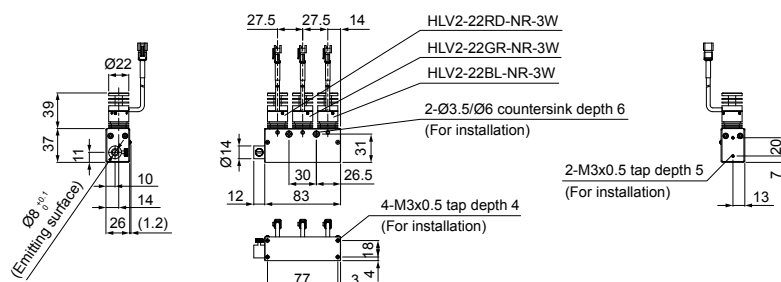
Extension Cables ▶ P.196

Control Unit Selection Guide ▶ P.155

Control Unit Page ▶ P.159

Dimensions (mm)

HLV2-3M-RGB-3W



Caution

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- Branch cables cannot be used.

You can inquire using our website.

Requests for Light Unit Selection

Requests for Demo Products

Requests for Estimates

Requests for a Catalog

Product Inquiries

Other Inquiries

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

Other Products

Micro Fiber Head Dedicated Light Sources

HLV2-3M-RGB-3W

LDR2

LDR2-LA

LDR-LA1

SQR

SQR-TP

HLDR-IP

HPR2

HPR

LFR

LKR

FPR

FPQ2

LDL2

HLDL2

TH

LFL

HPD2

HPD

LDM2

LAV

PDM

LFX2

LFV3

LFV2/LFV

MSU

MFU

UV2

UV

LNSP-UV-FN

IR

HLV2

LV

LSP

HFS/HFR

HLV2-NR

HLV2-3M-RGB-3W

PFB2

PFBR

LNSP

CU-LNSP

LNSP-FN

LN/LN-HK

LND2

HLND

LT

LNv

Telecentric Lens

Macro Lens