

Provides high output spot lighting using an original optical design



Connection example for HLV3-22-4-NR and a Micro Fiber Head



Straight type: HFS-14-500



Ring type: HFR-25-10 / HFR-25-30 / HFR-40-20 (Three light sources are required for use.)

Features

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.

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

For the light source of a Micro Fiber Head



Micro Fiber Head Product Page ▶ P.163

For the light source of a full color blending unit



Full Color Blending Unit Product Page ▶ P.166

Lineup

Model name	LED color	Peak wavelength / correlated color temperature (typ.)	Input current (max.)	Power consumption (max.)	Options	Extension cables	Recommended Control Units	Weight (max.)
HLV3-22RD-4-NR	Red	630 nm	1,000 mA	3.0 W	-	FCB* ¹ Straight Cable	PJ2* ²	37 g
HLV3-22SW-4-NR	White	5,600 K		3.5 W		FRCB Robot Cable		
HLV3-22BL-4-NR	Blue	465 nm		3.8 W		FCB-HLV3-10 Straight Cable		
HLV3-22GR-4-NR	Green	520 nm		4.0 W		FRCB-HLV3-10 Robot Cable		

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 cables with a model name that ends with "-ME7", "-EL2", "-PF", or "-PF-EL9" are not included.

*2 The PJ2-series Control Units are scheduled to be released soon.

Caution

- The total length of the FCB-1/2/3/5 and FRCB-1/2/3/5 Extension Cables must be no longer than 5 m.
- Branch cables cannot be used. Use the FCB series (straight cable) or the FRCB series (robot cable).

Dimensions (mm)

HLV3-22RD-4-NR/SW-4-NR/BL-4-NR/GR-4-NR

