

# Filters, Diffusers & Spot Lenses



Color Filters A08070 – A08074

## Filters and Adapters

- Available in red, green, blue, yellow, and daylight; these Dichroic filters will not darken or alter spectral response over time, regardless of light intensity or duration
- Daylight filter increases existing color temperature to approximately 3000 K when used with EKE, EJA, and DDL lamps at their rated voltages
- Dichroic color filters reflect heat versus absorbing it, eliminating the need for a thermal expansion split
- Clear anodized aluminum housing is used on the filters, black anodized aluminum housing is used on the adapter

Part No.					
A08070	Blue	A08073	Red	A08931	Color Filter Adapter
A08071	Green	A08074	Daylight		
A08072	Yellow	A08075	UV Filter, Cut-off		

## Diffusers

- Input lens diffuser, part number, A08086, homogenizes beams with minimal light loss and minimizes black hole phenomenon from fiber bundles
- Opal diffuser option, part number, A08087, creates the most uniform light - almost flat illumination, but reduces output by 40%
- Diffusers fit on all ColdVision standard inputs

Part No.	Description
A08086	Input lens diffuser
A08087	Input opal diffuser



Color Filter Adapter, A08931



Input Lens Diffusers, A08086 & A08087



A08080



A08082



A08084

Spot Lens Models



Polarizing Cap, A08090 for Spot Lens, A08080

Version 01.2017



## Spot Lenses

- Used on distal ends of goosenecks and bundles to focus the light

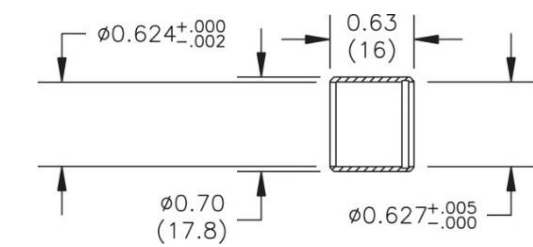
Part No.	Description
A08080	Spot lens for standard bundles except A08051.40 & A08051.60
A08082	Small spot lens for standard bundles except A08051.40 & A08051.60
A08084	Spot lens for models A08051.40 & A08051.60

Part No.	First Spot Location	First Spot Diameter	Second Spot Location	Second Spot Diameter
A08080*	40 mm	45 mm	80 mm	90 mm
A08082	40 mm	30 mm	80 mm	60 mm
A08084	40 mm	30 mm	80 mm	60 mm

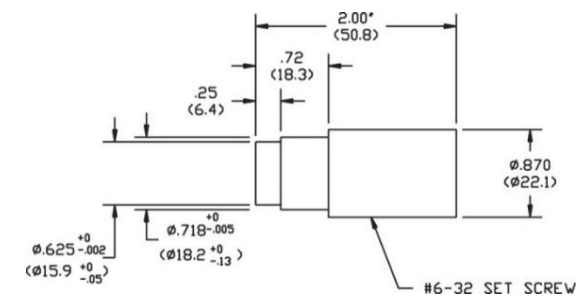
\*Polarizing cap, part number, A08090, is available for spot lens model, A08080, to eliminate glare and reflections. Five spare polarizing discs are included with the product

## Polarizing Cap for A08080

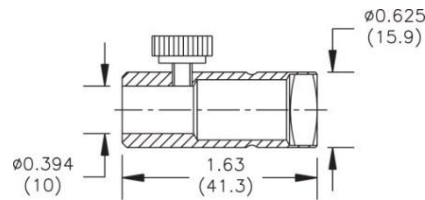
Part No.	Description
A08090	Polarizing cap for A08080 (fits on A08575)



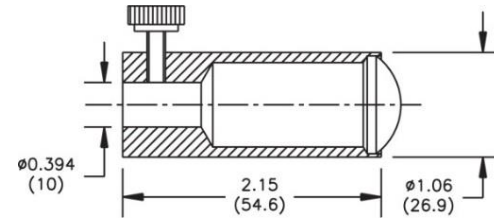
A08090 Polarizing Cap



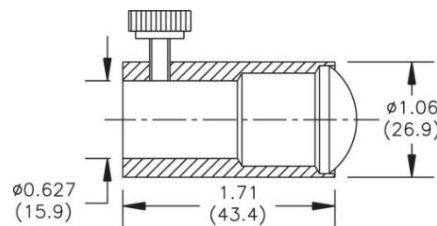
A08931 Color Filter Adapter



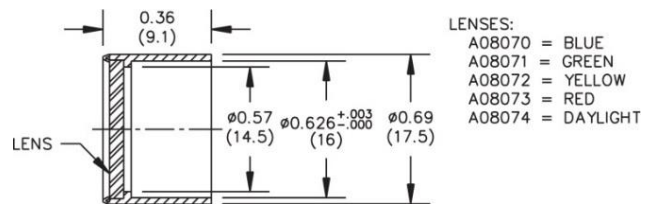
A08080 Spot Lens



A08082 Small Spot Lens

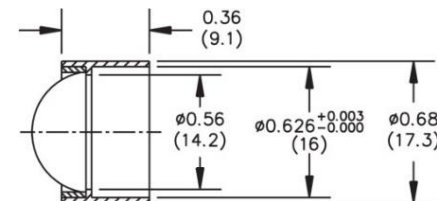


A08084 Spot Lens

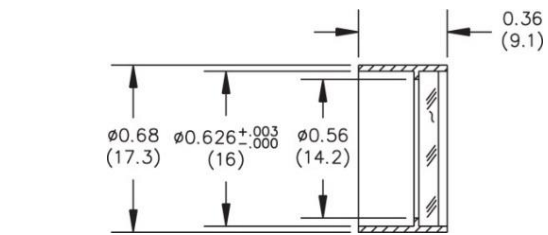


A08070 – A08074 Dichroic Color Filters

LENSES:  
A08070 = BLUE  
A08071 = GREEN  
A08072 = YELLOW  
A08073 = RED  
A08074 = DAYLIGHT



A08086 Input Lens Diffuser



A08087 Input Lens Diffuser (Opal)

Dimensions in ( ) are in mm

