

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, A08087 & A08086



Spot Lens Models, A08080, A08084, A08082



Polarizing Cap, A08090 for Spot Lens, A08080

Version 01.2016



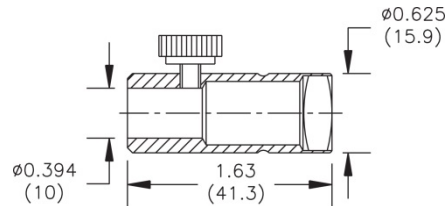
Spot Lenses

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

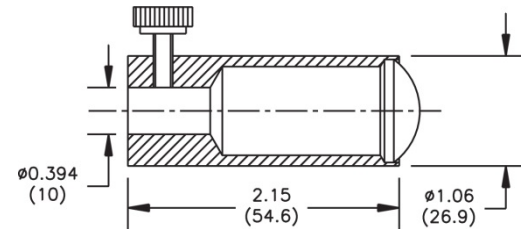
| Part No. | Description |
|----------|---|
| A08080 | Spot lens for standard bundles except A08051.40 & A08051.60 |
| A08082 | Small spot lens for standard bundles except A08051.40 & A08051.60 |
| A08084 | Spot lens for models A08051.40 & A08051.60 |

| 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 |

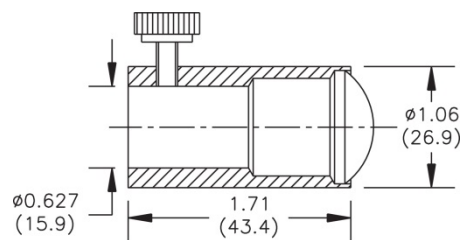
*Polarizing cap, part number, A08090, is available for spot lens model, A08080, to eliminate glare and reflections. Five spare polarizing discs are included with the product



A08080 Spot Lens



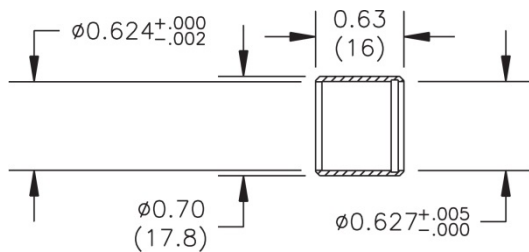
A08082 Small Spot Lens



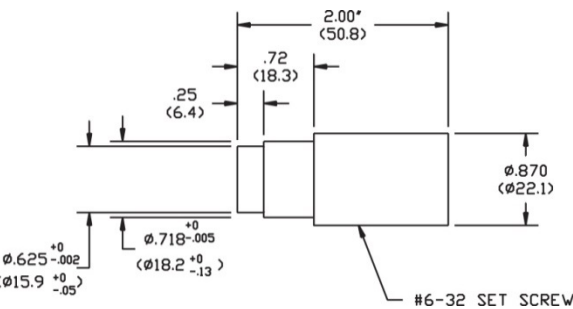
A08084 Spot Lens

Polarizing Cap for A08080

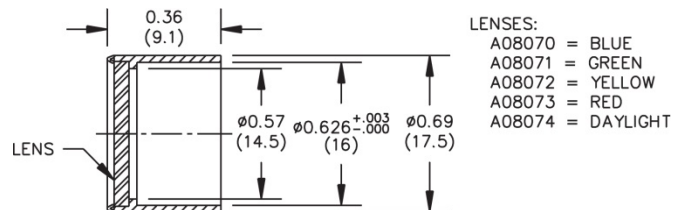
| Part No. | Description |
|----------|--|
| A08090 | Polarizing cap for A08080 (fits on A08575) |



A08090 Polarizing Cap

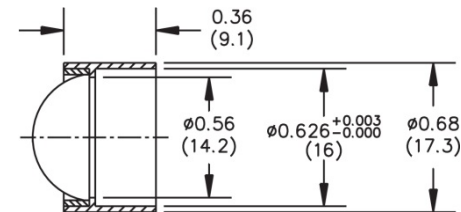


A08931 Color Filter Adapter

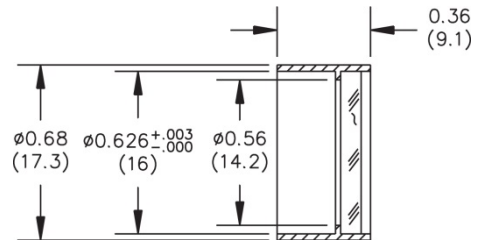


A08070 - A08074 Dichroic Color Filters

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

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