

# Color Filter Wheel

## CFW8-8RND

### Precision Machined Reliable Performance

FLI color filter wheels are engineered for reliable performance, ideal for harsh or remote environments. Each wheel features a proprietary no-slip drive chain, a precision stepper motor, and a large-diameter pivot pin paired with precision-ground bushings—delivering smooth, quiet, and dependable operation. And because FLI filter wheels do not use internal lights for homing, your images remain fully protected from stray light interference.

The CFW8 supports unmounted filters, 3mm to 5mm thick. One position on the internal wheel is unmachined, creating an obstructed path for acquisition of calibration images.



### Technical Data

<b>Filter Positions</b>	7 plus one blocked position
<b>Recommended Filter Size (+/- 0.125 mm)</b>	50 mm round
<b>Filter Thickness Range</b>	3.0 - 5.0 mm
<b>Wheels</b>	1
<b>Overall Thickness (less motor)</b>	18.6 mm
<b>Weight</b>	4.03 lbs. (1.8 kg)
<b>Interface</b>	USB
<b>Camera Side Connection</b>	M4 bolt pattern
<b>Optical Side Connection</b>	M4 bolt pattern
<b>Wheel Material</b>	Aluminum
<b>Power</b>	12V
<b>Drawing</b>	See Accessories page of FLI website



Finger Lakes Instrumentation  
[FLIcamera.com](http://FLIcamera.com)  
USA 585-624-3760