FINGER LAKES INSTRUMENTATION

COLOR FILTER WHEEL

CFW8-8SQ.

MADE IN USA

DATASHEET flicamera.com/accessories-items/cfw8-8sq

PRODUCT PAGE

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. Our filter wheels are designed for unmounted filters, 3mm to 5mm thick. For CFW8s, one position on the internal wheel is unmachined, creating an obstructed path for acquisition of calibration images.



KEY SPECIFICATIONS

POSITIONS	SIZE	INTERNAL WHEELS	THICKNESS	WEIGHT	INTERFACE
7 plus one blocked position	50 mm square	1	18.6 mm	4.01 lbs. (1.8 kg)	USB

TECHNICAL DATA

Filter Positions	7 plus one blocked position	**Recommended filter size (±0.125 mm)**	50 mm square
Filter Thickness Range	3.0 - 5.0 mm	**Wheels**	1
Overall Thickness (less motor)	18.6 mm	**Weight**	4.01 lbs. (1.8 kg)
Interface	USB	**Camera Side Connection**	M4 bolt pattern
Optical Side Connection	M4 bolt pattern	**Wheel Material**	Aluminum
Power	12V	**Drawing**	See Accessories page of FLI website

NOTES AND OPERATING CONDITIONS

Package contents: power supply and USB cable included. All FLI filter wheels use unmounted filters only.