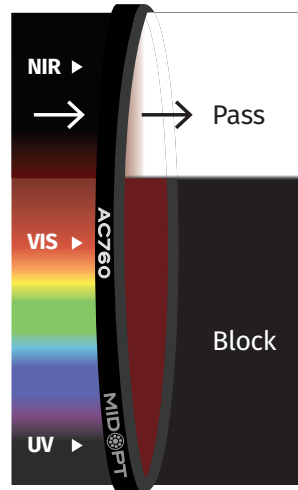
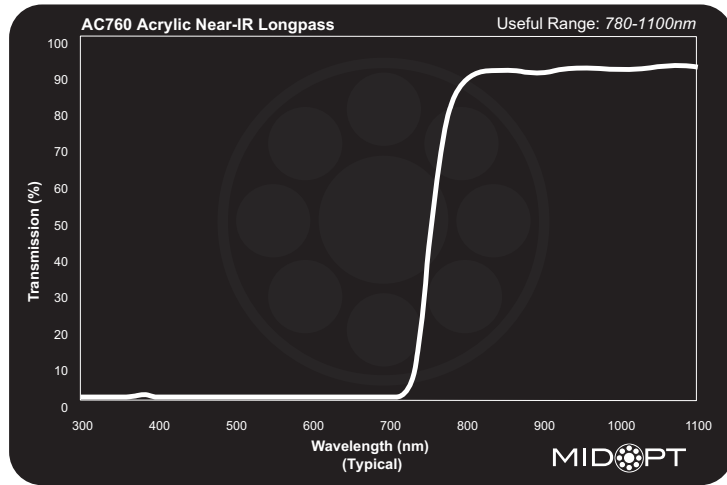


# AC760 ACRYLIC NEAR-IR LONGPASS

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Useful Range: 780-1100nm  
Cut-on Wavelength 50% T: 760nm  
Peak Transmission: ≥90%  
Surface Quality: 80/50

StableEDGE™

AC760 is similar to AC685 or AC700 IR Pass/Visible Block acrylic sheet except that it also blocks a portion of the very near IR. It is very well suited for use with 785nm, 810nm, 830nm or 850nm laser diode or LED illumination, or in situations where visible light emitted by arc/flash lamps needs to be blocked while near-IR illumination is passed. AC760 material is custom cut from a 2mm thick sheet according to customer specifications.

## AC760 DATA POINTS (TYPICAL)

Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)	Wavelength (nm)	Transmission (%)
1100	92.30	910	91.15	720	0.67	530	0.06
1090	92.56	900	90.78	710	0.10	520	0.06
1080	92.64	890	90.73	700	0.02	510	0.06
1070	92.62	880	91.02	690	0.01	500	0.05
1060	92.52	870	91.34	680	0.02	490	0.05
1050	92.35	860	91.50	670	0.02	480	0.04
1040	92.15	850	91.54	660	0.03	470	0.04
1030	91.96	840	91.47	650	0.03	460	0.04
1020	91.79	830	91.30	640	0.02	450	0.04
1010	91.64	820	90.92	630	0.02	440	0.05
1000	91.61	810	90.12	620	0.02	430	0.05
990	91.66	800	88.53	610	0.04	420	0.04
980	91.82	790	85.42	600	0.04	410	0.04
970	91.96	780	79.48	590	0.03	400	0.12
960	92.04	770	69.22	580	0.03	390	0.35
950	92.05	760	54.04	570	0.03	380	0.32
940	92.00	750	33.20	560	0.03	370	0.04
930	91.85	740	13.44	550	0.04	360	0.01
920	91.55	730	3.79	540	0.05	350	0.01

\*Due to continuous product improvement, specifications are subject to change without notice. For the most up-to-date information visit [www.midopt.com](http://www.midopt.com)

## FILTER MOUNT & SIZE OPTIONS

### Threaded Mount



For lenses with filter threads; Mount Sizes M13.25 - M105

Part #	Thread Dia x Pitch	Part #	Thread Dia x Pitch
AC760-13.25	M13.25 x P0.5	AC760-46	M46 x P0.75
AC760-22.5	M22.5 x P0.5	AC760-48	M48 x P0.75
AC760-25.4	M25.4 x P32TPI	AC760-49	M49 x P0.75
AC760-25.5	M25.5 x P0.5	AC760-52	M52 x P0.75
AC760-27	M27 x P0.5	AC760-55	M55 x P0.75
AC760-30.5	M30.5 x P0.5	AC760-58	M58 x P0.75
AC760-34	M34 x P0.5	AC760-62	M62 x P0.75
AC760-35.5	M35.5 x P0.5	AC760-67	M67 x P0.75
AC760-37	M37 x P0.75	AC760-72	M72 x P0.75
AC760-37.5	M37.5 x P0.5	AC760-77	M77 x P0.75
AC760-39	M39 x P0.5	AC760-82	M82 x P0.75
AC760-40.5	M40.5 x P0.5	AC760-86	M86 x P1.0
AC760-43	M43 x P0.75	AC760-95	M95 x P1.0
		AC760-105	M105 x P1.0

### 25.4™ C-Mount



Threads between lens and sensor

Part #: AC760-25.4-SIS

### Slip Mount



- Designed for lenses without filter threads, varifocal and wide-angle lenses
- Includes locking set screws to secure adapter to lens

#### Create Part #

Use "S" and add the outside diameter of lens in mm (ex: 43mm)

Example: AC760-S43

### Unmounted

Custom shapes & sizes available

#### Create Part #

CIRCLE: Use "D" and add diameter in mm (ex: 19mm)

Example: AC760-D19

RECTANGLE: Use "R" and add length in mm (ex: 30mm) x width in mm (ex: 15mm)

Example: AC760-R30x15

SQUARE: Use "R" and add side measurement in mm (ex: 15mm)

Example: AC760-R15