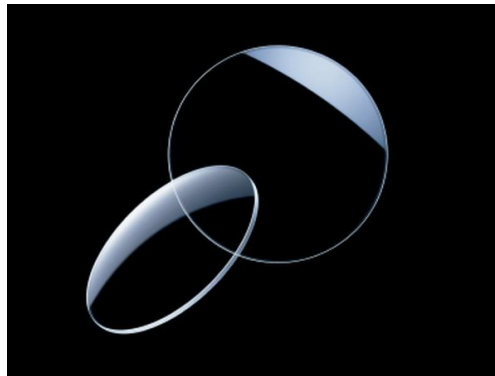


# Bandpass Filters for UV Solar Simulators



These optional blocking filters shape the spectral output of our 300 to 1600 W Solar Simulators. Table 1 shows the filters available, and the spectral output from 230 - 750 nm, when used with our simulator. Note: these filters are not usable with our [150 W Solar Simulator](#).

Table 1 Bandpass Filters for 300 to 1600 W Oriel® Solar Simulators

Note that the 87066 can only be used with Solar Simulators using a 450W or lower Xenon lamp. Breakage will occur with higher power lamps.

For This Typical Spectral Output	With This Approximate Spectral Output Curve	Use These Filters	Filter Model No. For 300, 1000 W and 1600 W Solar Simulators
280 - 400 nm plus residual 400 - 2800 nm		Base Unit (no additional components necessary)	UV Reference Simulator 91260, 91291, 91292, 91293 and 91294
290 - 400 nm plus residual 400 - 2800 nm		Atmospheric Attenuation Filter	81017
290 - 400 nm plus residual 650 - 800 nm		Atmospheric Attenuation Filter plus VIS-IR Bandpass Blocking Filter	81017 + 87066
280 - 400 nm plus residual 400 - 2800 nm		UVC Blocking Filter	81051
320 - 400 nm plus residual 400 - 2800 nm		UVB/C Blocking Filter	81050