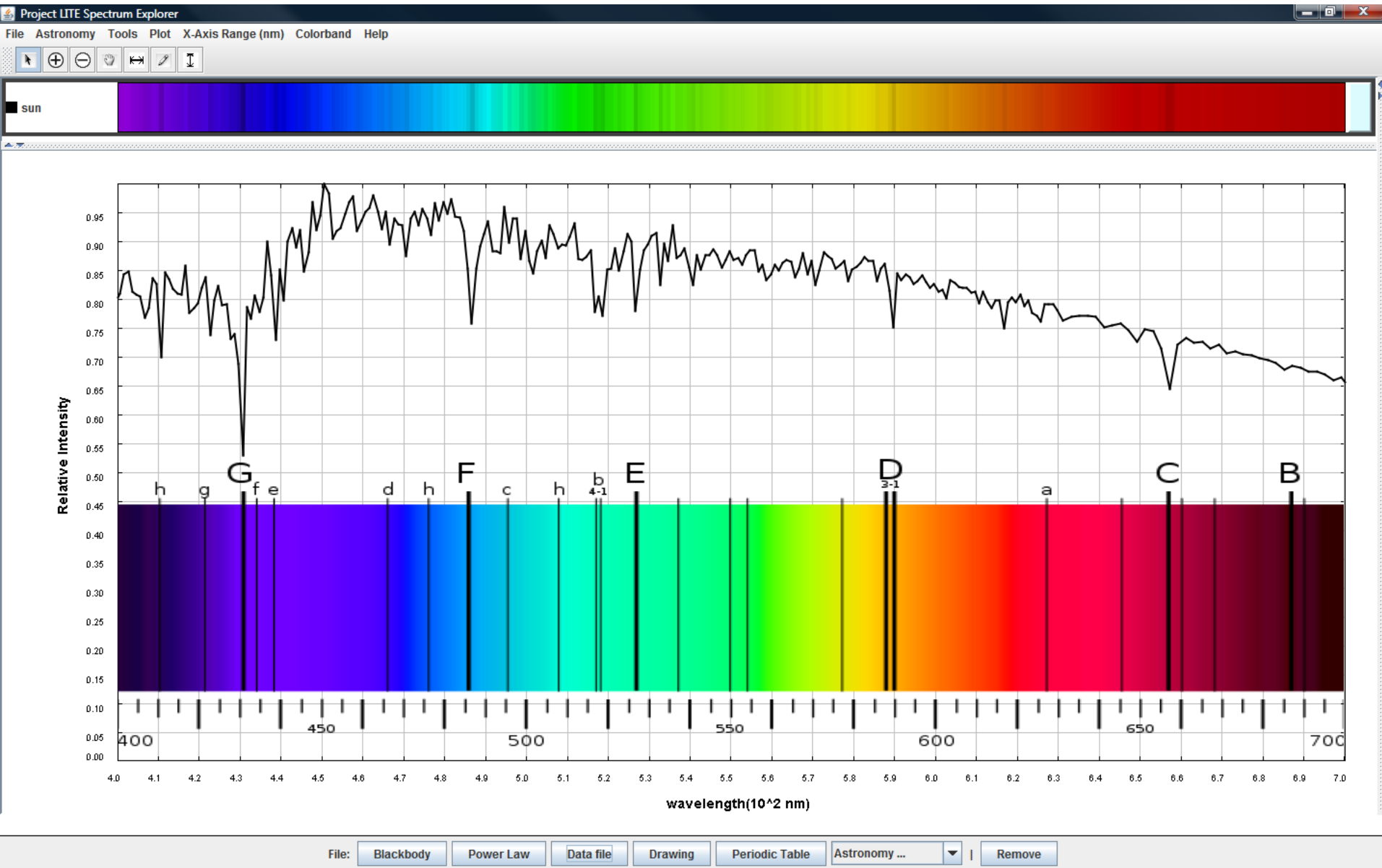


# Solar Spectrum & Fraunhofer Lines



# Fraunhofer Lines

Designation	Element	Wavelength (nm)	Designation	Element	Wavelength (nm)
y	O <sub>2</sub>	898.765	c	Fe	495.761
Z	O <sub>2</sub>	822.696	F	H $\beta$	486.134
A	O <sub>2</sub>	759.370	d	Fe	466.814
B	O <sub>2</sub>	686.719	e	Fe	438.355
C	H $\alpha$	656.281	G'	H $\gamma$	434.047
a	O <sub>2</sub>	627.661	G	Fe	430.790
D <sub>1</sub>	Na	589.592	G	Ca	430.774
D <sub>2</sub>	Na	588.995	h	H $\delta$	410.175
D <sub>3</sub> or d	He	587.5618	H	Ca <sup>+</sup>	396.847
e	Hg	546.073	K	Ca <sup>+</sup>	393.368
E <sub>2</sub>	Fe	527.039	L	Fe	382.044
b <sub>1</sub>	Mg	518.362	N	Fe	358.121
b <sub>2</sub>	Mg	517.270	P	Ti <sup>+</sup>	336.112
b <sub>3</sub>	Fe	516.891	T	Fe	302.108
b <sub>4</sub>	Fe	516.891	t	Ni	299.444
b <sub>4</sub>	Mg	516.733			

[http://en.wikipedia.org/wiki/Fraunhofer\\_line](http://en.wikipedia.org/wiki/Fraunhofer_line)