

BIOS® SPECTRAL COMPARISON AND APPLICATION

Spectrum	BIOS LED	Health Good Day*	Sunlike LED	Typical LED
CCT	4000K	*5000K	4000K	4000K
M/P > 0.9 @ 4000K	✔ 0.92	✘ 0.92	✘ 0.75	✘ 0.57
Endless Design Options	✔	✘	✔	✔
Multiple CCT Options	✔	✘	✔	✔
Medical Evaluation Compliant	✔	✘	✔	✘
R9 > 90	✔	✘	✔	✘
Peak blue emission at 490nm	✔	✘	✘	✘
Ideal Application	Offices, Education, Healthcare, Shiftwork, Places where people promote health and Wellness	Places where people prefer 5000K	Museums and Retail	Places where energy efficiency is the only consideration

Blue Spectrum Peak Emission at 490nm

