

WORKSHEET ANSWERS



- 1 67 % of consumers know something about Blue Light but only 25 % know it is harmful.
- 2 All UV light and some Blue light are harmful to the eye.
- 3 UV rays damage the front-side of our eyes (the cornea, the pupillary lens etc.) and cause cataract.
- 4 Harmful Blue-Violet light can cause damage to the back-side of the eye or the retina.
- 5 Harmful blue light is located at the 415 nm- 455 nm range on the visible light portion of the electromagnetic spectrum. This is what we like to call the "danger zone."
- 6 CFLs and LEDs have Spikes of blue light.
- 7 Eye Protect System combines E-SPF and Smart Blue Filter in a clear lens.
- 8 Smart Blue Filter is embedded Blue Light protection.
- 9 The following brands have the embedded Smart Blue Filter technology:
 - a. Varilux Digital
 - b. Transitions
 - c. Eyezen+
- 10 What percentage of protection against the harmful Blue Light does the Ultimate level of Eye Protect System provide when combined with Crizal® Previncia 35% - 45% ?