



OPTICAL SAFETY OF BLUE LED LIGHTING

TYRI understands that safety is of paramount importance. We take every step possible to protect our customers by ensuring all our products are tested and comply with international industry standards.

A safety element of LED lighting is the risk of damage to the eye caused when looking directly into the beam of the light. Work lights can emit both visible and invisible optical radiations composed of UV, IR, and in the case of LED devices, blue light radiations which can cause damage to the eye.

As part of TYRI's commitment to safety, we submitted the BluePoint and BlueBeam for testing in accordance with the IEC/SS-EN 62471 standard. This internationally recognised accreditation ensures you have peace of mind that a TYRI work light will not pose a significant risk to your eyesight.

The BluePoint and BlueBeam have been classified as IEC/SS-EN 62471 Risk group 2, which states these lights pose a moderate risk of damage. The Risk Group 2 classification covers a maximum exposure of between 0.25 seconds and 100 seconds. However, optical radiation at this level is not dangerous due to our natural instinct to close our eyes and look away from bright light, otherwise known as a natural aversion response.

HOW DOES THIS EFFECT YOU & TYRI?

As a requirement of this category, TYRI will now be supplying our lights with an addition label on the work light and on packaging. An example of this label can be found below:



Risk Group 2



CAUTION: Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eye.

It is important to remember, LED work lights are no more hazardous than other lighting technologies with the same correlated colour temperature (CCT).

TYRI is going above and beyond to ensure the safety of our customers by complying with the IEC/SS-EN 62471 standard and the addition of the warning label above.