

# Honeywell UVEXAVATAR<sup>™</sup>

## **BLUE LIGHT BLOCKING LENSES**

#### Problem

 Extended exposure to high energy, visible blue-violet light range (380nm – 450nm) can cause eye fatigue, headaches, mood changes and sleep rhythm disturbances such as insomnia. The sources of this exposure are the sun, computers and handheld devices, and LED lighting.



#### Who's at risk?

- Workers exposed to LED overhead lighting. Especially
- vulnerable are those on second and third shifts when lighting conditions can be variable throughout the workplace or working between inside and outside
- Inspection/assembly workers using intense, focused LED lighting
- Production workers required to utilize computer screens and/or handheld devices throughout the day

#### Solution

 Safety glasses which absorb the majority of blue light without impacting the visible light range (color perception). Avatar Blue Light blocking safety glasses offer 59% absorption of high energy blue light from 380nm – 450nm per ANSI, while maintaining an VLT (visible light transmission) of 88% on average. In addition, these lenses provide 99.9% protection from UV light.

### **UVEX AVATAR™ FEATURES**

- 01 Uvex HydroShield<sup>®</sup> AF & Hardcoat Coatings
- 02 9 Base Lens
- 03 Floating Nose Loop
- 04 Flexible Nose Pads
- 05 Soft Brow Frame–MMT+\*
- 06 Indirect Venting System
- 07 Angle-Adjustable Ratchet Temples
- 08 Flexible Temples-MMT+
- 09 Soft Temples & Nose Pads–MMT+
- 10 Wire-Core Temples
- 11 Wrap Around Temples & Soft Tip Pads-MMT+
- 12 Ultra-Light Frame



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