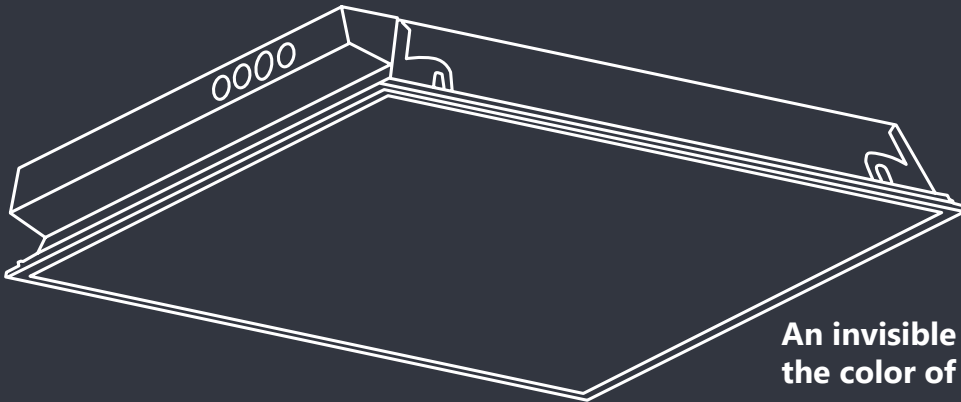


Why Choose Current's UVA Disinfecting Technology

Advantages of Current's 365 UVA versus 405



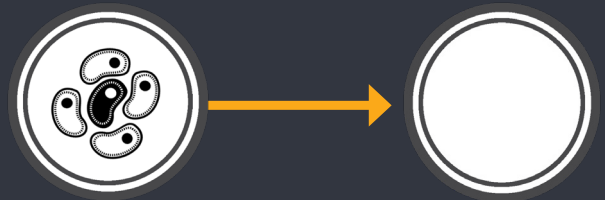
An invisible UVA light that does not change the color of the white light

More effective at killing bacteria (such as MRSA)

- o 405nm "Blue Disinfection Mode" kills 90% of MRSA in 48 hours
- o 365nm at 3W/m² kills >90% of MRSA in 8 hours

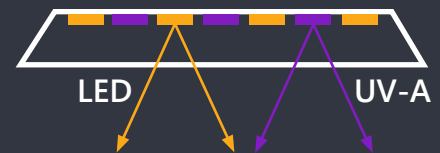
More effective at killing viruses

- o 405nm requires 561 J/cm² for 1 log reduction of Feline Calicivirus
- o 365nm requires only 8.6 J/cm² for 1 log reduction of Bacteriophage MS2



Disinfection for continually occupied spaces

- o 405nm recommends 12 hours in White Disinfection Mode, and 12 hours in Indigo Disinfection Mode (Indigo Disinfection Mode is typically used when the **room is not in use**)
- o 365nm disinfection is at levels safe for use in **occupied spaces**, and is not visually objectionable, so it can be used in spaces that are occupied 24/7



More energy efficient / Utilizing 20% less energy

- o 405nm is 75W/fixture in Indigo Mode, 68W/fixture in White Mode
At 12 hours Indigo, 12 hours mixed, that's 1716Wh/day
- o 365nm LBU22 is 118W in UVA+white mode, and 27W in white only
At an 8 hour disinfection dose, and 16 hours of white only, that's 1376Wh/day



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