

O.C. White UV LED Datasheet



O.C. White 365nm rated UV LED: The wavelength range is from 365nm (minimum and typical value) to 410nm. However, as 100% ultraviolet (*beyond violet*) is not normally visible to the human eye, the 410nm projects a hue of deep violet blue, which acts as something of an indicative / safety reference colour.

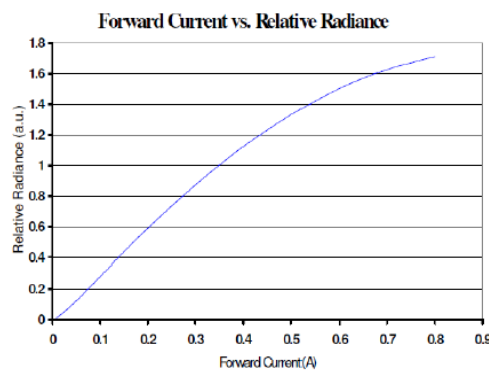
The overall UV range is 100 – 400nm:

- UV-A: 315 – 400nm
- UV-B: 280 – 315nm
- UV-C: 100 – 280nm

For some more information on UV, please visit the Canadian Center for Occupational Health and Safety web site ... see link here:

https://www.ccohs.ca/oshanswers/phys_agents/ultravioletradiation.html

Specification for the LED:



The LEDs run at ~ 300mA putting the output at approximately 0.8 a.u. per LED.

LED typical power rating at extremes of dimming cycle, per individual LED:

- Maximum brightness = 1300mW
- Minimum brightness = 100mW

When wearing suitable gloves and long sleeves, an operator should only be receiving reflected UV, further significantly attenuating any exposure.

Typical PE for any UV related processes include suitable clothing, gloves, glasses, sun lotion, etc., contact your OH&S department for specific requirements.

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