

Bower Products Limited

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The Useful Working Life of UVA Blacklight (BL368) Lamps

It is recommended that Blacklight (BL368) UVA lamps are changed at least annually.

It is widely acknowledged as an industry norm, that changing the lamps in the spring of each year (ie: just prior to the busiest period for flying insect activity) makes the most sense as the lamps would be operating at their most efficient.

It is worth noting that whilst the physical function of the lamp could operate for several years, the special UVA phosphors 'burn out' much faster than normal white light phosphors. This is because of the extra amount of electrical energy conversion necessary to produce a UVA Blacklight output profile. This is normal.

BL368 (operating at a wavelength of 368 nanometres) is basically a modified version of BL350, which was used by the Pest Control Industry for many years to attract a wide spectrum of flying insects. In Europe in 2011 BL350 was banned from use in the production of lamps as it was not RoHS compliant. BL368 is RoHS compliant and has the benefit of emitting a higher level of Ultra Violet light for a longer period of time, within the 12 month period.