

# BLACK LIGHT BLUE LAMP

## FEATURES

Cathodeon manufactures the TW6W black light blue fluorescent lamp that emits ultra violet radiation in the 300 - 400nm range.

Fig 7 Black Light Blue Lamp



The bulb is manufactured of a dark blue glass which cuts off any visible radiation whilst remaining transparent to the ultra violet.

## LAMP MOUNTING

The lamp is fitted with an E27 screw base and can be operated in any orientation. The ability to run the lamp directly from mains voltage enables the product to be used in applications where space is at a premium.

Fig 8 Black Light Blue Lamp Dimensions

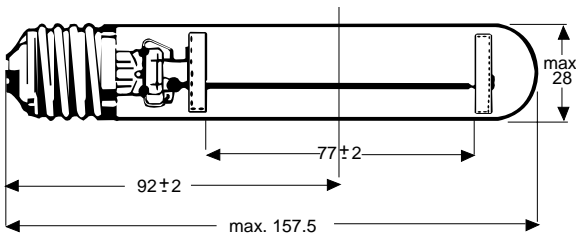
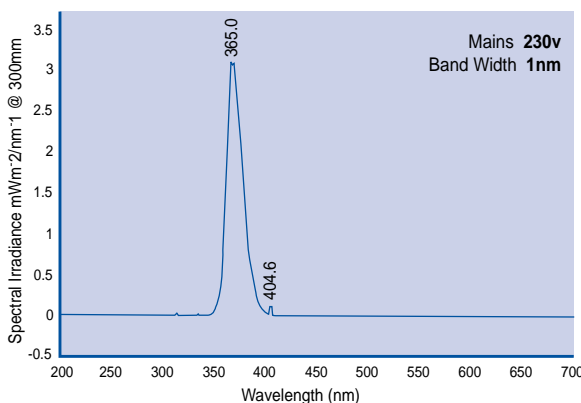


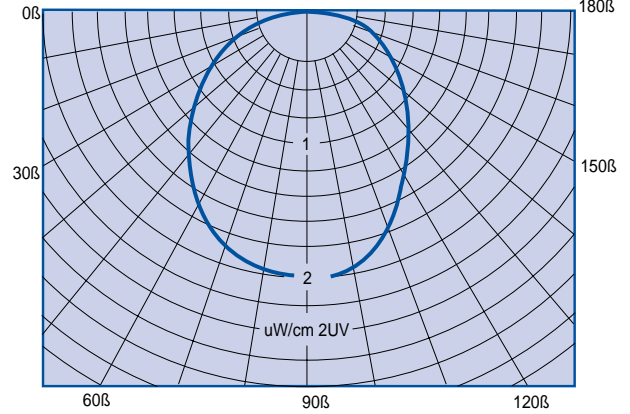
Fig 9 Spectral Irradiance



## SPECIFICATIONS

- Lamp voltage** 220V
- Lamp current** 27mA
- Output** 50mW
- Average life** 2500hrs

Fig 10 Polar Power Distribution (at 50cm)



## POWER SUPPLY

The TW6W black light blue lamps run on 220V mains voltage and therefore no power supply or ballast is required.

## ORDERING CODES

PRODUCT	ORDERING CODE
Black light blue lamp	TW6W

## APPLICATIONS

The spectral characteristics of the lamp allows the excitation of luminescence which can reveal fluorescence and phosphorescence of lamps, dark room paints, textiles, bank notes, papers and in the geological investigation of stones and rocks.

**Hi-Tech LAMPS**  
 800-229-6509  
 info@hi-techlamps.com