

SUPERLITE SUV-DC
THE SUPERIOR **UV** LIGHT SOURCE
FOR THE PROFESSIONAL USER



for ULTRAVIOLET SPOT CURING
and FLUORESCENCE INSPECTION

LUMATEC®

LUMATEC is the inventor of the superior LIQUID LIGHTGUIDE technology and pioneer in the manufacturing of UV spot illumination systems using the LIQUID LIGHTGUIDE.

The **SUPERLITE SUV-DC** is the result of 20 years manufacturing experience. As Lumatec's top line product it comprises the most powerful state-of-the-art technology available today.

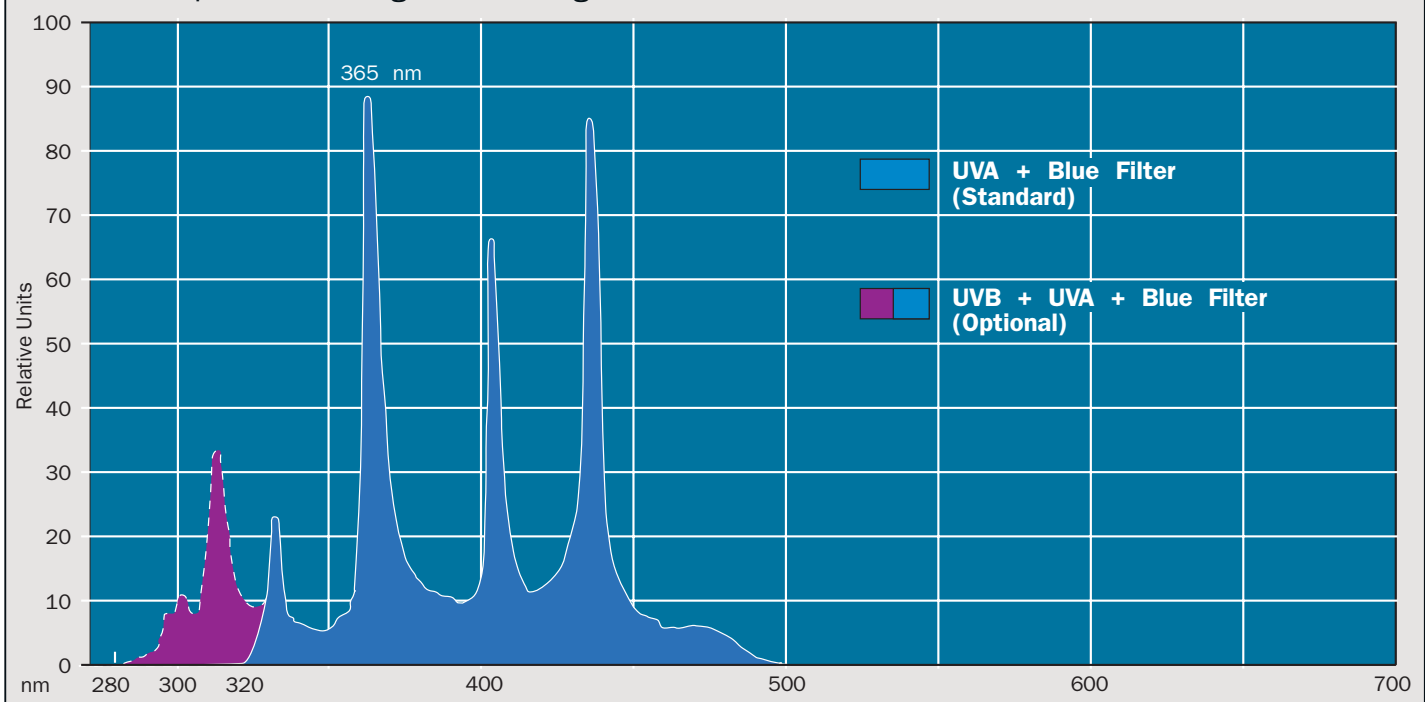
Some of the outstanding features are:

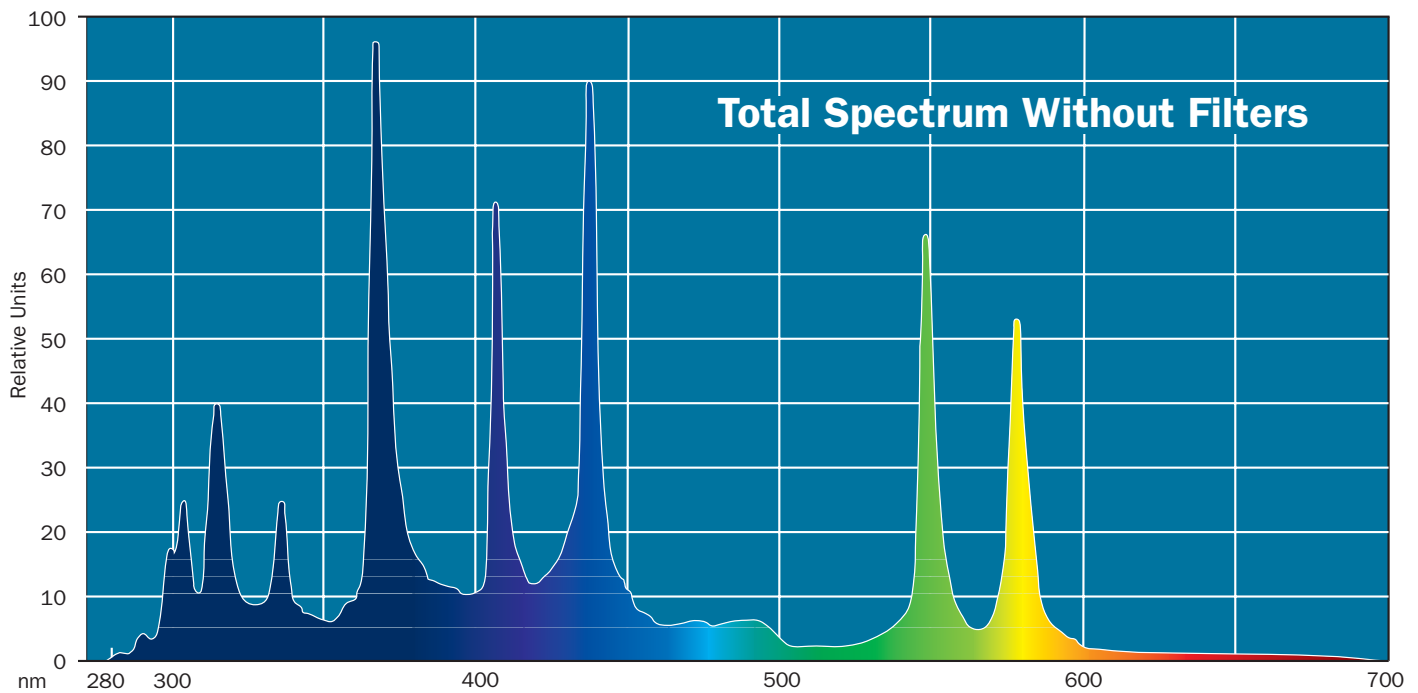
- 200W DC super pressure mercury lamp with excellent lamp life (up to 2000 hours).
- Minimal degradation of UV output over entire lamp life and low replacement cost, meaning high economy of operation.
- Pre-aligned snap-in lamp module.
- Sophisticated 3-lens anti-reflection coated quartz glass condensor gives a homogeneous output pattern and eliminates costly disposable reflectors.
- Solid state intelligent power supply automatically adapts to worldwide voltages.
- Instant reignition, even when lamp is hot.

The UV Spot Curing Unit

SUPERLITE SUV-DC-P

- Various precision dichroic filters allow you to adapt the spectral output to the specifications of your UV curing product.
- Electronic interface allows remote control of six important system parameters.
- Rotary solenoid allows troublefree operation of shutter in short, highspeed curing cycles.
- Shutter operation through internal digital timer or remote external timer.





All graphs show spectral emission with Liquid Lightguide Ø5mm x 1500mm

The UV-Fluorescence Unit

SUPERLITE SUV-DC-E

- Remote electric switching from UV to white light mode.
- Continuous intensity control without change of colour temperature.
- Suitable for video and highspeed cameras due to DC operation.
- Worldwide standard in the aeronautics, aerospace and automotive industries for fluorescence inspection and non-destructive testing (NDT).

