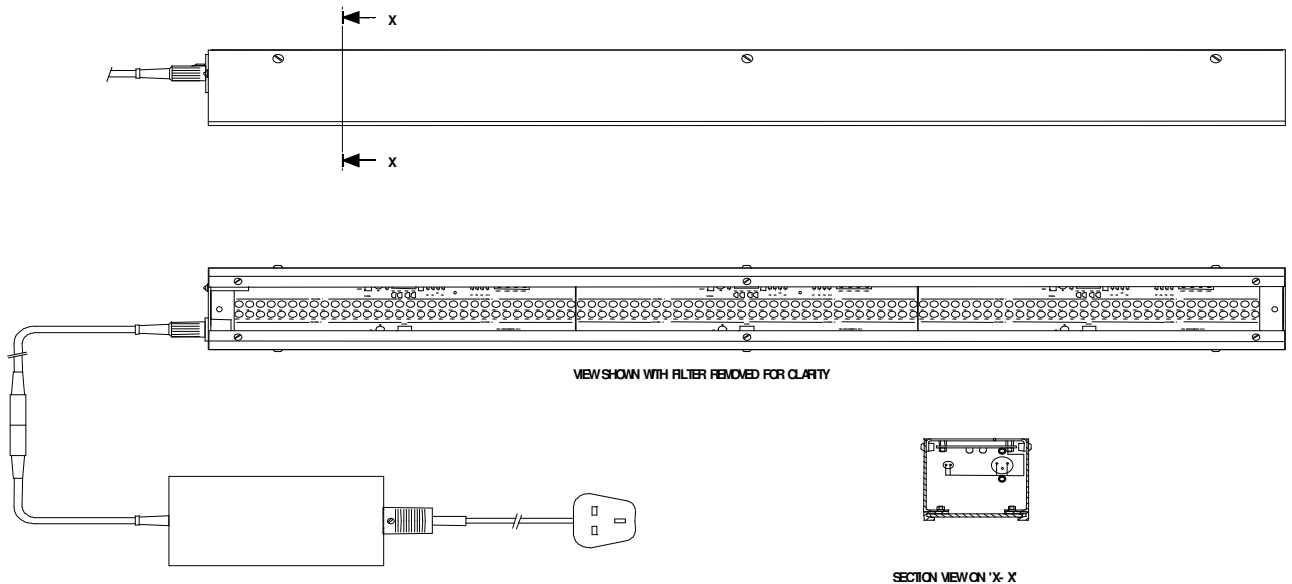


## SOLID-STATE LIGHT SOURCE TYPE 788



The solid-state DC lights type 788 are designed for use with the Projectile Velocity Measuring System type 858, and provide illumination for the Optical Detectors when used in an indoor range, or where there is insufficient natural light.

The solid-state DC lights type 788 are of a rugged construction and are a direct replacement for the DC lights type 760, which use an incandescent linear light source. Each of the solid-state lights consists of three printed circuit boards, on each of which is mounted 64 infrared emitting diodes in two rows of 32, as shown above. The infrared emitting diodes are spaced 10mm apart horizontally and 8mm apart vertically and a diffuser serves to produce a uniform strip of infrared radiation, approximately 770mm long by 10mm wide. The three printed circuit boards are mounted end-on in an aluminium channel. The 24v DC power for two lights is supplied by a small universal-input-voltage power supply

### SPECIFICATION

Power Supply	90v - 260V AC $\pm 10\%$ 50/60Hz
Dimensions	783mm long x 80mm wide x 77mm high
Weight	2.6 Kg
<b>Environmental</b>	
Humidity	95% non-condensing
Operating Temperature	0°C to +45°C