

Super bright Red LED Array's and Dual Channel Video Floodlight Controller used to provide non heating high intensity light sources for use with digital video photogrammetry camera equipment in the Materials Laboratory and the Structures and Materials Laboratory.

Visual Instrument Model 900410 or Equal Brand

Red LED Array shall meet the following key specifications:

- 24 Super Bright red LEDs
- 6,000 lumens total Luminous Output
- Approximately 8.0" W x 5.5 H x 2.125" D (203 x 138 x 54mm)
- Approximately 2.8 pounds (1.36kg)
- Six 1/4"-20 threaded Mounting holes, locations; 2 top, 2 bottom and 1 on each side
- Approximately 4.0 amps Draw
- Approximately 10 degrees Beam Spread

Visual Instrument Model 900140 or Equal Brand

Dual Channel Video Floodlight Controller shall meet the following key specifications:

- 4-selectable intensity levels: 50%, 70%, 85%, and 100%
- Operates on 100-240VAC 50/60Hz.
- DC to drive the LEDs.
- Includes instruction manual and a AC power cord.
- Options include various remote control capabilities including hard-wire and WiFi.
- CE and RoHS compliant.
- Capable of a nominal 10-minute operational time at 75%, 85% and 100% intensity levels.