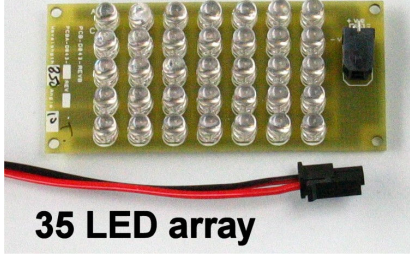
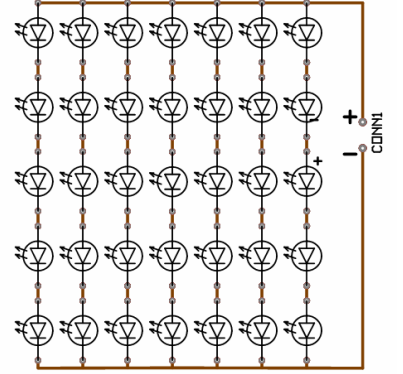


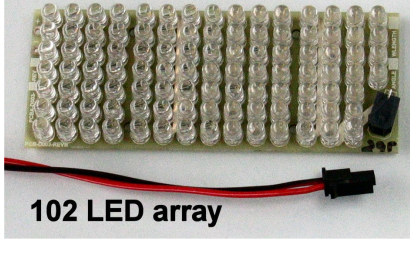
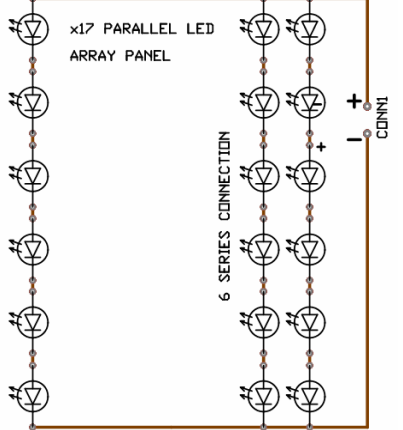


35/102/140/224/252/350/560 Infrared 850/940nm IR LED Array PCB Panels

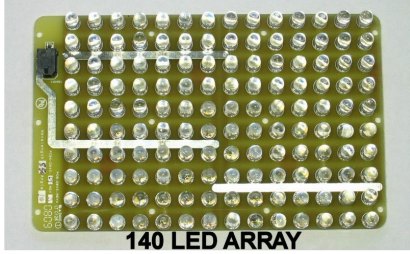
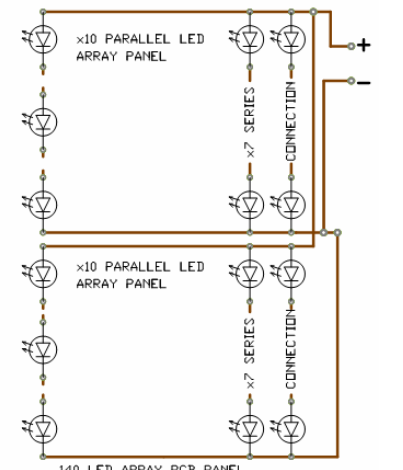
IR 35 Array panel

Photo	Schematic	Data
 <p>35 LED array</p>	 <p>35 LED ARRAY PCB PANEL</p>	<p>Wiring: 5 series x 7 parallel Dimension: 75mm x 34mm Mounting holes: 71mm x 30mm 4x 2.5mm holes Model: PCB-AIR358510 850nm, 10 deg., 7.5V@0.70A</p>

IR 102 Array panel

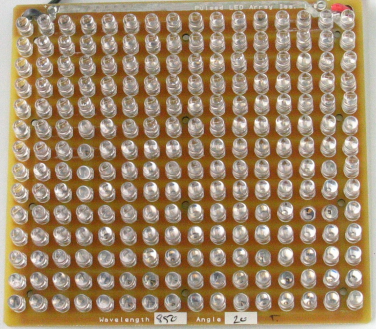
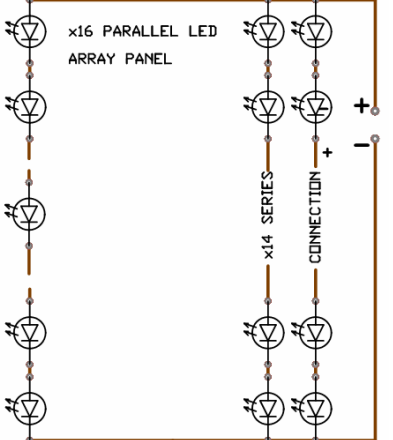
Photo	Schematic	Data
 <p>102 LED array</p>	 <p>102 LED ARRAY PCB PANEL</p>	<p>Wiring: 6 series x 17 parallel Dimension: 104mm x 41mm Mounting holes: 46mm x 28mm 4x 2.5mm holes Model: PCB-AIR1028510 850nm, 10 deg., 9.3V@1.70A</p>

IR 140 Array panel

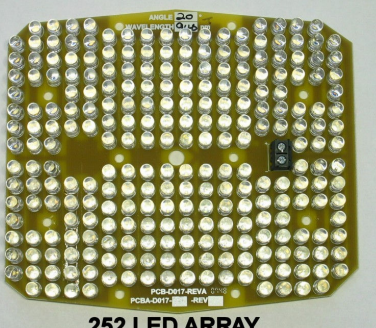
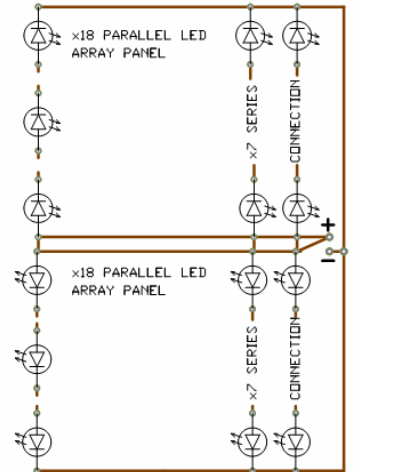
Photo	Schematic	Data
 <p>140 LED ARRAY</p>	 <p>140 LED ARRAY PCB PANEL</p>	<p>Wiring: 7 series x 10 parallel x 2 banks Dimension: 130mm x 66mm Mounting holes: 126mm x 66mm 12x2.5mm holes, 4x3 Model: PCB-AIR1408530 850nm, 30 deg., 11.5V@2.0A Model: PCB-AIR1408560 850nm, 60 deg., 11.1@2.0A Series LED banks for 24V operation.</p>



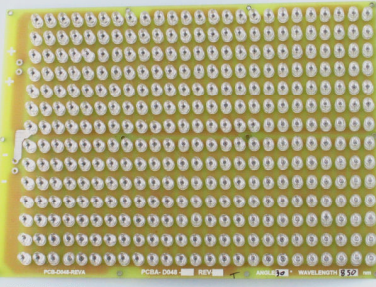
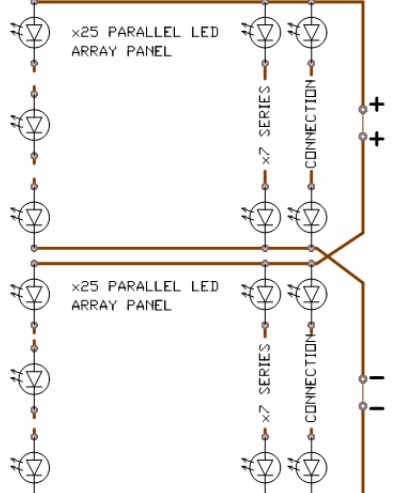
IR 224 Array panel

Photo	Schematic	Data
 <p>224 LED array</p>	 <p>x16 PARALLEL LED ARRAY PANEL</p> <p>x14 SERIES CONNECTION</p> <p>224 LED ARRAY PCB PANEL</p>	<p>Wiring: 14 series x 16 parallel Dimension: 127mm x 118mm Mounting holes: 108 x 92mm (outer) 12x 2.5mm holes Model: PCB-AIR2248520 850nm, 20 deg., 23.2V@1.60A</p>

IR 252 Array panel

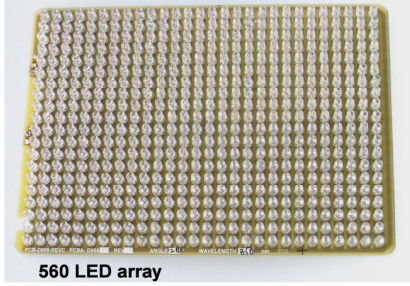
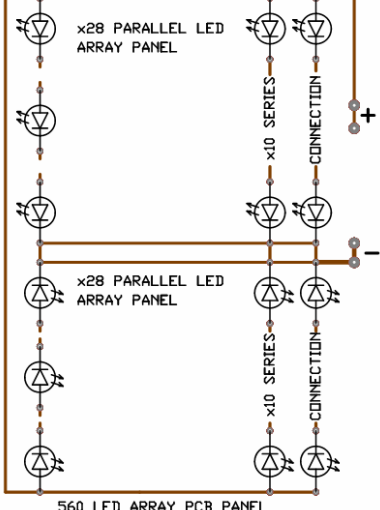
Photo	Schematic	Data
 <p>252 LED ARRAY</p>	 <p>x18 PARALLEL LED ARRAY PANEL</p> <p>x7 SERIES CONNECTION</p> <p>x18 PARALLEL LED ARRAY PANEL</p> <p>x7 SERIES CONNECTION</p> <p>252 LED ARRAY PCB PANEL</p>	<p>Wiring: 7series x 18parallel X 2 banks Dimension: 133mm x 115mm Mounting holes: 43x102, 48x97mm 10x 3.5mm holes Model: PCB-AIR2528510 850nm, 10 deg, 10.9V@3.60A Series LED banks for 24V operation.</p>

IR 350 Array panel

Photo	Schematic	Data
 <p>350 LED array</p>	 <p>x25 PARALLEL LED ARRAY PANEL</p> <p>x7 SERIES CONNECTION</p> <p>x25 PARALLEL LED ARRAY PANEL</p> <p>x7 SERIES CONNECTION</p> <p>350 LED ARRAY PCB PANEL</p>	<p>Wiring: 7series x 25parallel x 2banks Dimension: 191mm x 141mm Mounting holes: 186 x 136mm (outer) 12x 2.0mm holes Model: PCB-AIR3508530 850nm, 30 deg., 10.3V@2.50A, 11.6V@5.0A Model: PCB-AIR3508560 850nm, 60 deg. (3mm LED), 10.5V@2.50A, 11.2V@5.0A Model: PCB-AIR3508510 850nm, 10 deg. 10.3V@2.50A, 11.0V@5.0A Series LED banks for 24V operation.</p>



IR 560 Array panel

Photo	Schematic	Data
 <p>560 LED array</p>	 <p>x28 PARALLEL LED ARRAY PANEL</p> <p>x10 SERIES CONNECTION</p> <p>560 LED ARRAY PCB PANEL</p>	<p>Wiring: 10series x 28parallel x 2banks Dimension: 220mm x 158mm Mounting holes: 195 x 135mm (outer) 16x 3.0mm holes 135 x 90mm (inner) 9x 3.0mm holes</p> <p>Model: PCB-AIR5608520-R 850nm, 20 deg., 15.6V@2.80A, 16.8V@5.6A</p> <p>Model: PCB-AIR5608530 850nm, 30 deg., 14.8V@2.80A, 16.4V@5.6A</p>

Specifications:

- LEDs: 5mm (10/20/30 degrees), 3mm (60 degrees) high-power, high efficiency.
- Current: 100mA max. per LED.
- PCB: 1/16" FR4, double-sided through hole plated.
- Soldering: Through-hole, solder coated pads.
- LED Type: 850nm/10° (Osram SFH4550), 850nm/20°, 850nm/30° (Kodenshi), 850nm/60° (Epitex L850),

Installation:

Please read the appropriate data sheet prior to installation for best results. The installation should be made by a person knowledgeable in the product and conforms to all appropriate local codes. Onstate Technologies Inc. will not be responsible for injuries or damages resulting from the improper installation or use of any products sold by Onstate or its retailers. Install the product within its specification limits.

The LEDs and components get warm during operation. Do not install in an enclosed area or expose to high temperatures. LEDs are sensitive to heat and static. If the LED array is using full power in a confined location, use the appropriate heatsink and heat transfer method. Use proper care during soldering and assembly

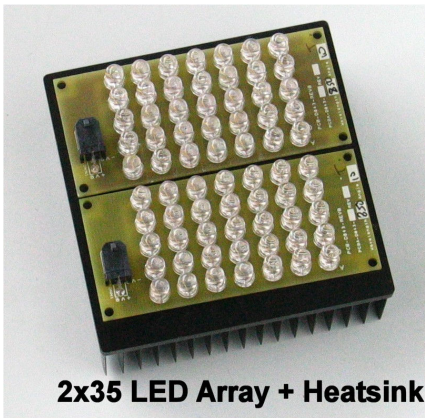
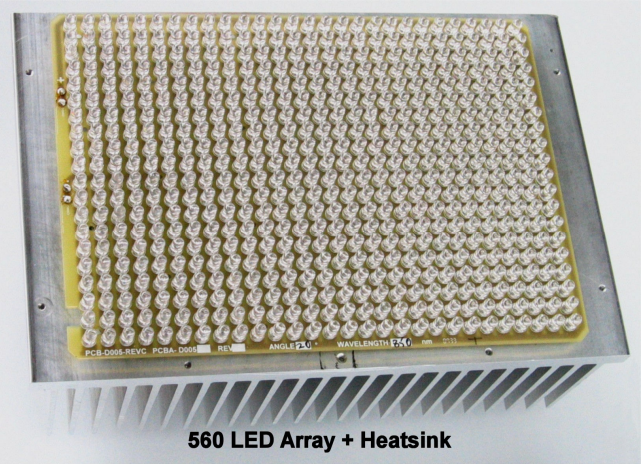
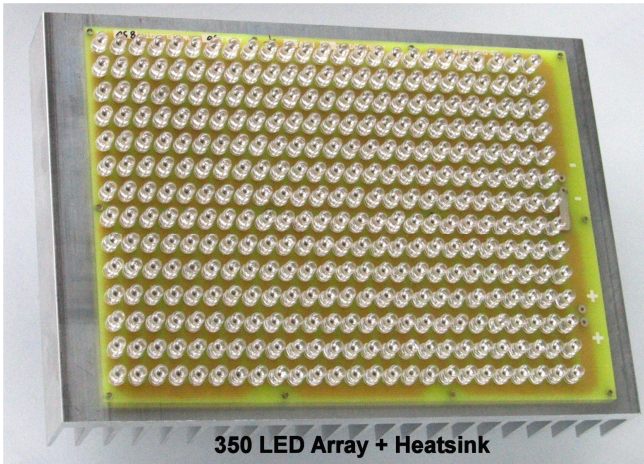
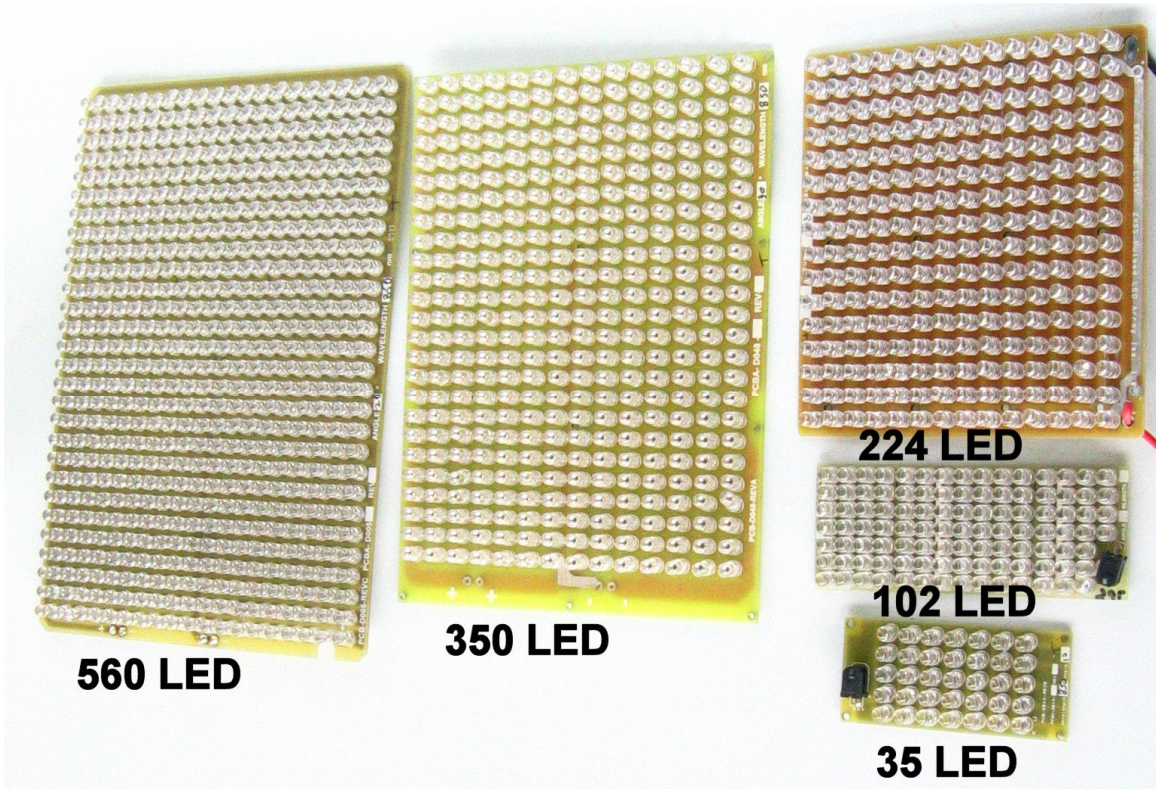
DO NOT STARE DIRECTLY INTO THE LED LIGHT

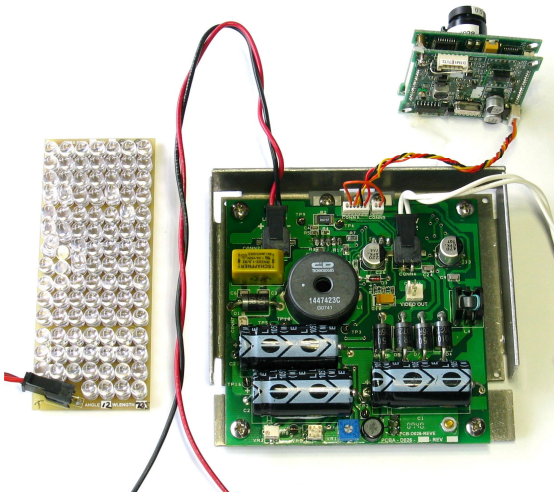
LED LIGHT SAFETY:

LEDs may emit highly concentrated non visible infrared light which can cause damage to the human eye. Please refer to IEC 62471 for LED safety precautions.

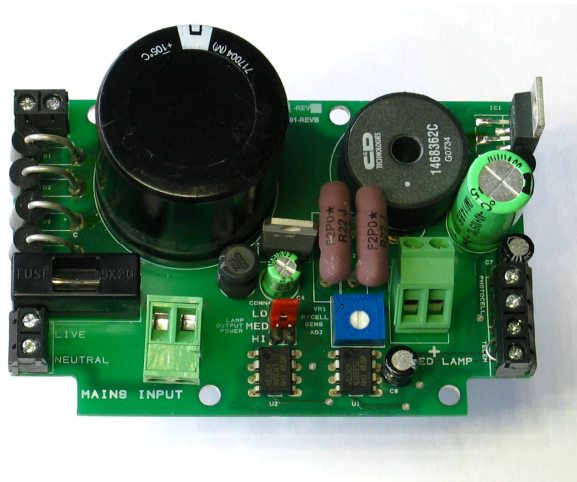
DO NOT USE ONSTATE LED ARRAY PANELS IF YOU ARE NOT KNOWLEDGABLE IN LEDs.

MUST KNOW THE DEFINITIONS OF mW/cm², mW/sr, 940nm, 850nm.





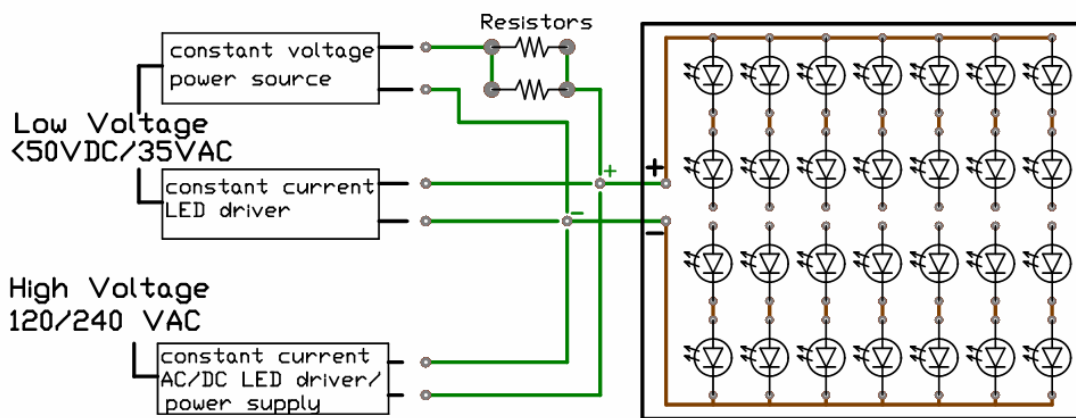
CIR-REGL camera/IR sync module



Low voltage LED driver board.



Universal AC/DC LED power supply

LED ARRAY POWER OPTIONS

 Onstate Technologies
www.OnstateTech.com
DO NOT STARE DIRECTLY INTO THE LED LIGHT
Warranty:

Onstate Technologies warranties LED array panels to be free of defects in materials and workmanship for a period of ninety (90) days. All products are sold as-is. Onstate technologies assumes no liabilities or obligations due to consequential damages caused by the product directly or indirectly with respect to loss of property, revenue, or cost of removal, installation or reinstallation. Modifications or improper use will void warranty.

Thank you for choosing Onstate Technologies