



Super-bright 5mm IR LED (25 pack) - 940nm

PRODUCT ID: 388

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Infrared LEDs are used for remote controls (they're the little LED in the part you point at your TV) and 'night-vision' cameras, and these little blue guys are high powered ones! They are 940nm wavelength, which is what nearly all devices listen to. They're 20 degree beamwidth, and work great for any kind of remote control application. **This is a pack of 25!**

We used one of these to make a [camera control footswitch/intervalometer](#). These are the same LEDs we use in our super TV-B-Gone kit. You can drive them continuously (for 'night vision' illumination) with 100mA and for IR remote application they can take up to 1 Amp pulses (!). For high powered use, we suggest matching these up with our power MOSFETs.

If you want to make a sender/receiver pair, [you'll want to get an IR remote receiver sensor as well](#).

We have a [tutorial that covers everything you'll need to know about IR remote control sensing as well as how to 'clone' a remote control](#)

TECHNICAL DETAILS

- 5mm LED
- 940nm wavelength (most common)
- 20 degree beam width
- 100 mA continuous, 1000 mA pulse
- Approx 1.6V forward voltage ([check datasheet for range](#))

LEARN



Cloud Cam: Internet-Connected Security Camera

Build a camera that detects motion and sends images to cloud services like Dropbox & Adafruit IO!



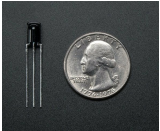
Infrared Transmit and Receive on Circuit Playground Express in C++

During your Circuit Playground Express into a remote control. Or control it using an IR remote control



Circuit Playground Express TV Zapper

pew *pew* Take out TVs with your Circuit Playground!



IR Sensor

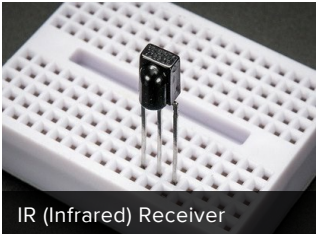
Make remote controls and listeners



TV-B-Gone Kit

Make every day a "TV-free" day!

MAY WE ALSO SUGGEST...



IR (Infrared) Receiver



TV-B-Gone Kit



LEDs - Skill badge, iron-on



Mini Remote Control



Super-bright 5mm IR LED



5mm Chromed Metal Wide



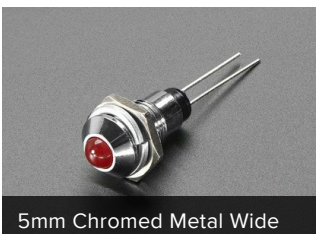
5mm Plastic Flat LED Holder



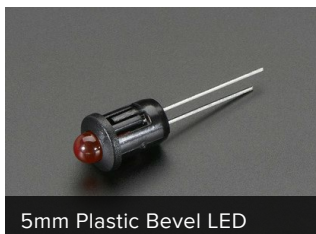
5mm Chromed Metal



UV/UVA 400nm Purple LED



5mm Chromed Metal Wide



5mm Plastic Bevel LED

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"When you make a thing, a thing that is new, it is so complicated making it that it is bound to be ugly. But those that make it after you, they don't have to worry about making it. And they can make it pretty, and so everybody can like it when others make it after you" -

Pablo Picasso



4.9 ★★★★★
Google
Customer Reviews

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