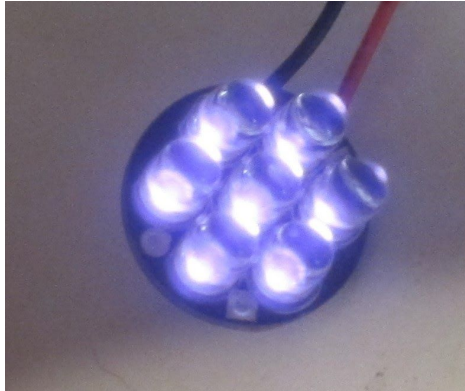


Mini7Plus IR Spotlight

User Guide



Introduction

The Mini7Plus IR Spotlight is a compact, low-power infrared (IR) LED array that runs on 12VDC. The round printed circuit board (PCB) is a tiny 0.75 inches (19.05 mm) in diameter; it's the same size as a US penny. The Mini7Plus kit contains a quality PCB, seven (7) high-power infrared LEDs, a current limiting resistor and two leads for power.

Dimensions

The Mini7Plus IR Spotlight is a round PCB 0.75" (19.05 mm) in diameter and 0.5" tall, with 4" power leads.

Power Requirements

The Mini7Plus IR Spotlight requires 12-14 VDC at 100 mA (0.100 A) maximum.

The red power lead connects to the positive power supply connection. The black power leads connects to the negative power supply connection.

Output wavelength and beam angle

The Mini7Plus IR Spotlight is available with a variety of optical wavelengths (940nm, 880nm and 850nm) and beam angles (50° and 20°). Be sure to indicate the correct specification when ordering.