

SMD5050 5W/10W 850nm IR LED - Traffic Enforcement & Speed Detection System

[Home \(\)](#) > [Products \(/product-center\)](#) > [IR LEDs \(/product-center/ir-leds\)](#) > [850nm LED \(/product-center/ir-leds/850nm-led\)](#) > 850nm 5W 10W SMD5050 IR High Power LED



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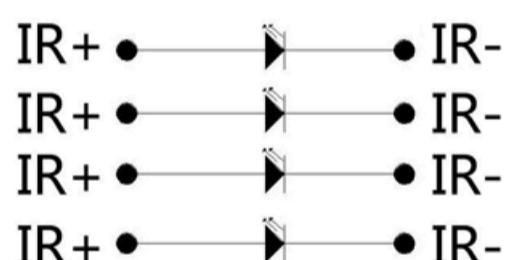
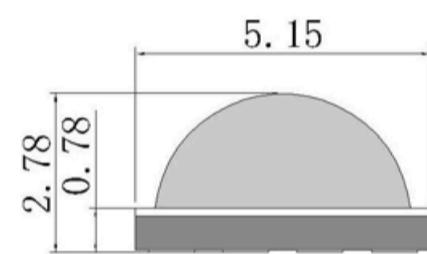
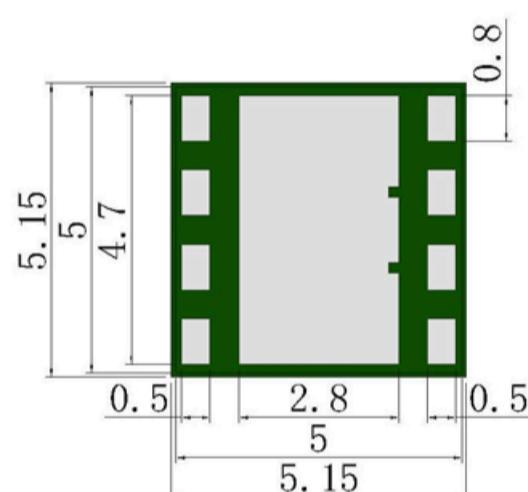
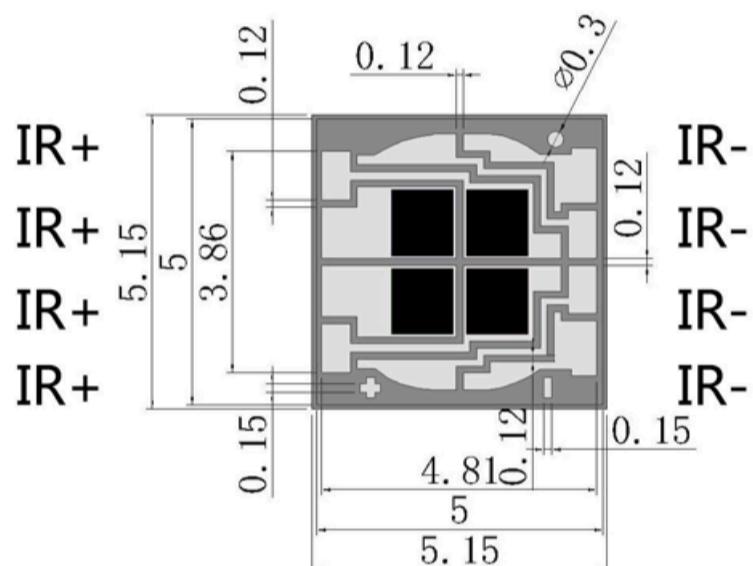
Product Model: WL-5P5050EP120IR-850 

Features:

- 99.99% gold wire bonding, 1.2mil
- Ceramic substrate
- Silicone Lens
- Bridgelux, 4pcs * 45mil Chips
- Meet CE, ROHS Compliant
- Applications: Medical and Scientific Instrument, Inspection, Surveillance Systems, CCTV Camera, Night Vision, Machine Vision, other professional appliance.
- Beam Angle: **60 degree, 120 degrees and 180 degree - Flat lens (without dome lens)** are all available
- Packaging Type: **SMD2835, SMD3030, SMD3528, SMD3535 and SMD5050** are all available
- Custom Solution: We could offer custom LED solutions, if you need any support, please contact us.
- The connection is available for **1 in series, 1 in parallel** and also **2 in series, 2 in parallel**.

Description

Package Dimensions (mm):



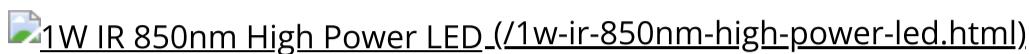
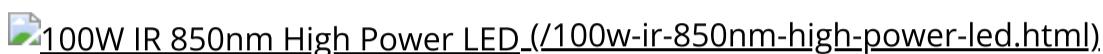
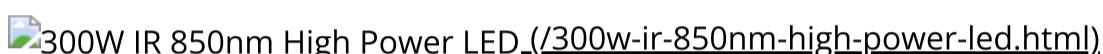
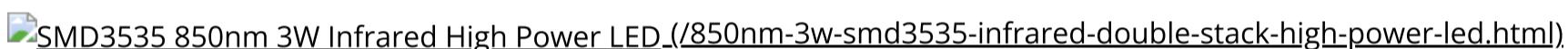
Specifications:

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Forward Voltage	VF	1.4	1.6		V	IF=700mA
Reverse Current	IR	---	---	50	uA	VR=5V
50% Power Angle	θ _{1/2}	---	120	---	deg.	IF=700mA
Radiant Power	P _o	300	---	500	mW	IF=700mA
Peak Wavelength	λ _p	845	850	855	nm	IF=700mA

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