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VIDEO



5Pcs 850nm IR High Power Tiny LED Chip 3535 SMD COB LED Infrared Emitting IR with Aluminum Plate 20mm Star PCB Base for Infrared Transmitter (1500mA, 1.6-1.8V, 60deg, 845-850nm, 45mil Chip)

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4.1 (18)

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Color: Infrared 845-...

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Product Energy Guide

 1 option from \$12.20	 1 option from \$15.05	 1 option from \$10.15	 1 option from \$10.86	 1 option from \$10.99	 1 option from \$9.15
 1 option from \$9.99	 1 option from \$12.29	 1 option from \$10.59	 1 option from \$10.69	 1 option from \$10.59	

Brand	LEDGUHON
Light Type	LED
Special Feature	Energy Efficient, Flicker-Free, High Efficiency, Long Lasting
Wattage	3 watts
Bulb Shape	T6
Size	

About this item

- 1.Superior Quality: The COB LED chip is made of high quality chips, 999 gold wire soldering, copper bracket package and ceramic

substrate. It is also equipped with a 20mm star PCB base for effective heat dissipation

- 2. Widely applicable: Suitable for security monitoring (night vision fill lights), infrared sensing (automatic doors, alarms), industrial testing scenarios, with strong penetration and adaptability to various low light environment equipment.
- 3. Professional use: Supports lighting and circuit design, DIALux evo layouts, LitePro DLX layouts, Agi32 layouts, automatic CAD layouts, on-site metrology and project installations
- 4. Friendly Tip: The recommended operating temperature range for this product is 40-60°C (104-140°F) and temperature monitoring is recommended. We recommend using a constant current LED driver for best performance
- 5. LEDGUHON focuses on LED chip manufacturing, providing multi wavelength, multi angle, and multi model products that can be seamlessly integrated into various lighting fixtures. It is also the first choice for DIY lighting projects.

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Product information

Technical Details

Brand	LEDGUHON
Light Type	LED
Special Feature	Energy Efficient, Flicker-Free, High Efficiency, Long Lasting
Wattage	3 watts
Bulb Shape Size	T6
Bulb Base	E26
Incandescent Equivalent Wattage	12 Watts
Light Color	Infrared

Additional Information

ASIN	B0CL4K1MJW
Customer Reviews	4.1 (18) 4.1 out of 5 stars
Best Sellers Rank	#91,487 in Industrial & Scientific (See Top 100 in Industrial & Scientific) #19 in Infrared Emitters
Date First Available	October 16, 2023

Warranty & Support

Amazon.com Return Policy: **Amazon.com Voluntary 30-Day Return Guarantee:** You can return many items you have purchased within 30

Voltage	1.8 Volts
Unit Count	5.0 Count
Number of Items	5
Shape	mr
Material	Aluminum, Ceramic
Model Name	JH-3535IR6G42-T8B-850
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Corded Electric
Beam Angle	60 Degrees
Power Consumption	3 Watts
Item Package Quantity	1
Light Source Type	Infrared
Light Source Wattage	3 Watts
Control Method	App
Efficiency	High Efficiency
Style	Contemporary
Manufacturer	LEDGUHON
Color	Infrared 845-850nm&120deg
Part Number	JH-3535IR6G42-T8B-850
Item Weight	0.211 ounces
Product Dimensions	0.79 x 0.79 x 0.22 inches
Item model number	JH-3535IR6G42-T8B-850

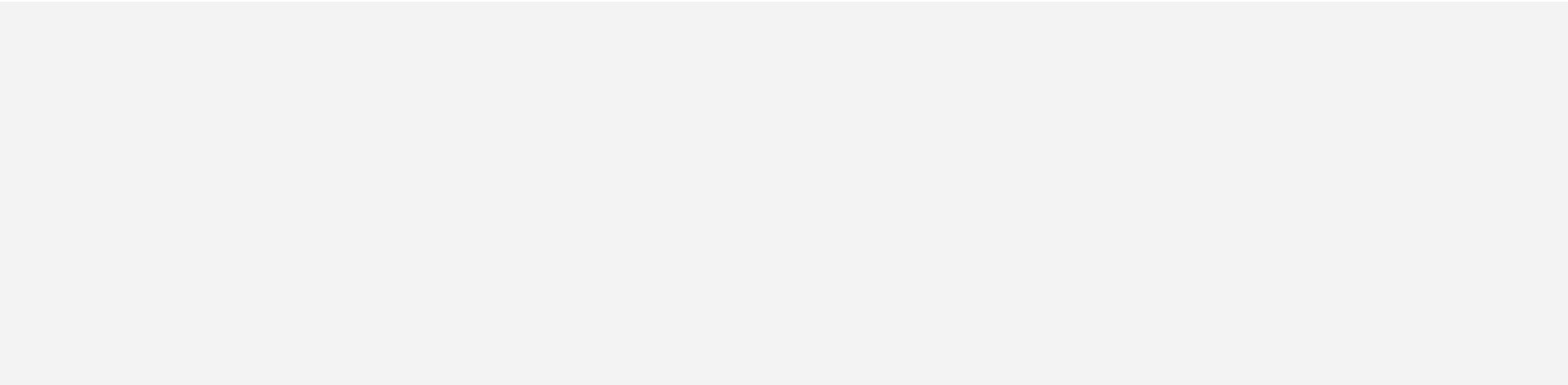
days following delivery of the item to you. Our Voluntary 30-Day Return Guarantee does not affect your legal right of withdrawal in any way. You can find out more about the exceptions and conditions [here](#).

Feedback

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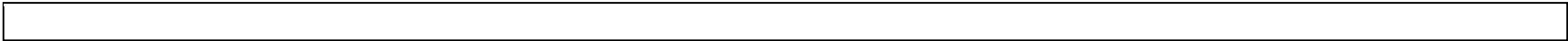
Assembled Height	5.5 millimeters
Assembled Length	20 millimeters
Assembled Width	20 millimeters
Finish types	Clear
Special Features	Energy Efficient, Flicker-Free, High Efficiency, Long Lasting
Batteries Included?	No
Batteries Required?	No
Wattage	3 Watts

From the brand



Product description

SMD LED Chip With Base Heat Sink



JH-3535IR6G42-T8B-850 Important parameter

Continuous Forward Current	1500mA
----------------------------	--------

Peak Forward Current	1000mA
Reverse Voltage	5V
Power Dissipation	3W
Electrostatic Discharge	1000V
Operating Temperature Range	-25°C to +60°C
Storage Temperature Range	-35°C to +80°C
Lead Soldering Temperature	260°C
Forward Voltage	Infrared 1.6-1.8V
Luminous power	Infrared 300-500mW
Wavelength	Infrared 845-850nm
Reverse Current	10μA
Viewing Angle	60deg
Recommend Forward Current	1500mA
Test Condition	1500mA

Product Videos

GUHON
Product Overview A



Customer reviews

4.1 out of 5

18 global ratings

5 star 47%

Reviews with images

[See all photos >](#)

4 star	<input type="text"/>	22%
3 star	<input type="text"/>	25%
2 star	<input type="text"/>	6%
1 star	<input type="text"/>	0%

How customer reviews and ratings work



Top reviews from the United States



Christian Call

Works as described

Reviewed in the United States on January 1, 2026
Color: White 4700-5200k&90deg **Verified Purchase**
Work good. Not as bright as expected.

Helpful

Report



Matt Harvey

Good price and very bright

Reviewed in the United States on March 25, 2025
Color: White 4700-5200k&90deg **Verified Purchase**
The lights are really bright and a good price. I got them to replace a light in my favorite flashlight. I did have 2 of them burn out within a day but that was fine because it's a 5 pack.

Helpful

Report

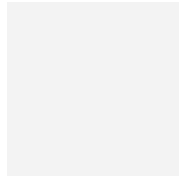


DC34788

Brighter than original LEDs

Reviewed in the United States on December 31, 2024
Color: White 4700-5200k&90deg **Verified Purchase**

Easy repair/upgrade.



One person found this helpful

Helpful

Report

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\$ USD - U.S. Dollar

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Stream millions of songs

Amazon Ads
Reach customers wherever they spend their time

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Score deals on fashion brands

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Audiobook Publishing Made Easy

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Amazon Business
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