



# DESCRIPTION

Better grab your sunglasses, your sunscreen, and a bucket hat because this 3W RGB LED is so bright it's like taking a beach vacation ON THE SUN. Maybe that's an exaggeration, but these are **really** bright.

This is a 3W RGB LED, basically the same thing you've got on a little 5mm breadboard version, but with huge chunks of silicon that can handle large currents. Each of the red, green, and blue dice can handle continuous ~350mA current draw (with peaks of 1000mA). The light output is 110 lumens (110,000 millicandela) total.

Each order comes with one 3W LED on an aluminum PCB/holder/heatsink. Please note that even though the PCB acts as a heatsink, 3W is a lot of power to dissipate as heat so you may need an additional heatsink or fan or other cooling mechanism! Adabot, [Adafruit Metro](#), and components are not included.

If you're looking for an LED that can be made even brighter, [we also carry a 3-9W RGB version here](#).

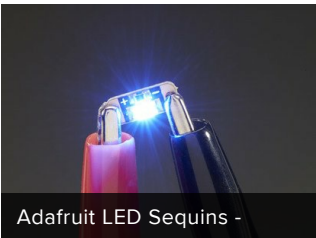
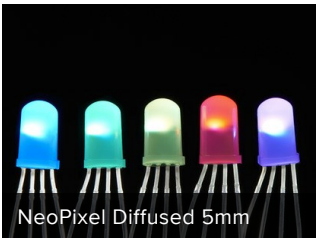


# TECHNICAL DETAILS

- [Datasheet](#)



# MAY WE ALSO SUGGEST...





3W-9W RGB LED - Common



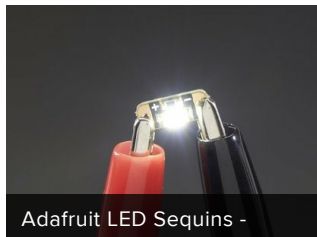
NeoPixel Diffused 8mm



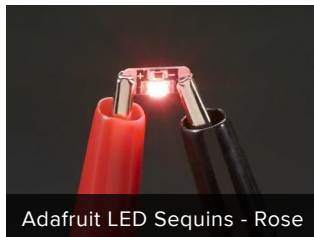
Adafruit LED Sequins - Ruby



Adafruit LED Sequins -



Adafruit LED Sequins -



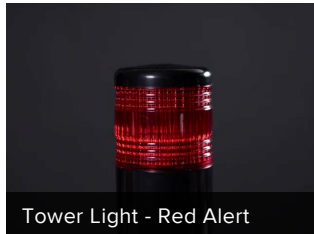
Adafruit LED Sequins - Rose



Pixie - 3W Chainable Smart



Tower Light - Red Yellow



Tower Light - Red Alert

## DISTRIBUTORS [EXPAND TO SEE DISTRIBUTORS](#)

[CONTACT](#)

[SUPPORT](#)

[DISTRIBUTORS](#)

[EDUCATORS](#)

[JOBS](#)

[FAQ](#)

[SHIPPING & RETURNS](#)

[TERMS OF SERVICE](#)

[PRIVACY & LEGAL](#)

[ABOUT US](#)

ENGINEERED IN NYC Adafruit®

*"This is not the age of pamphleteers. It is the age of engineers. The spark-gap is mightier than the pen" - Lancelot Hogben*



4.9 ★★★★★  
Google  
Customer Reviews