

	Calculation	Total for Four Rings (48 LEDs)
Current Supplied by Box	--	3A
Current Drawn by Neopixels (worst case scenario)	Number of LEDs*60mA	2.88A

Wire Used	Total Current Carrying Capacity
24AWG	3.5A

	Calculation	Total for Four Rings
Power Drawn by Neopixels (worst case scenario)	$P=5V \times (\text{Total Current})$	$5V \times 2.88A = 14.4$
Power Supplied by Box	$P=I \times V$	$5V \times 3A = 15W$