

# Wiring for DMXW High Power LED

Akozon Boost Module 400W DC-DC Converter (constant Voltage, constant current??) power supply to boost 12 Vdc to 36 Vdc. (Poorly documented.) Draws about 12 Vdc, 4.1 A. [Amazon.ca]

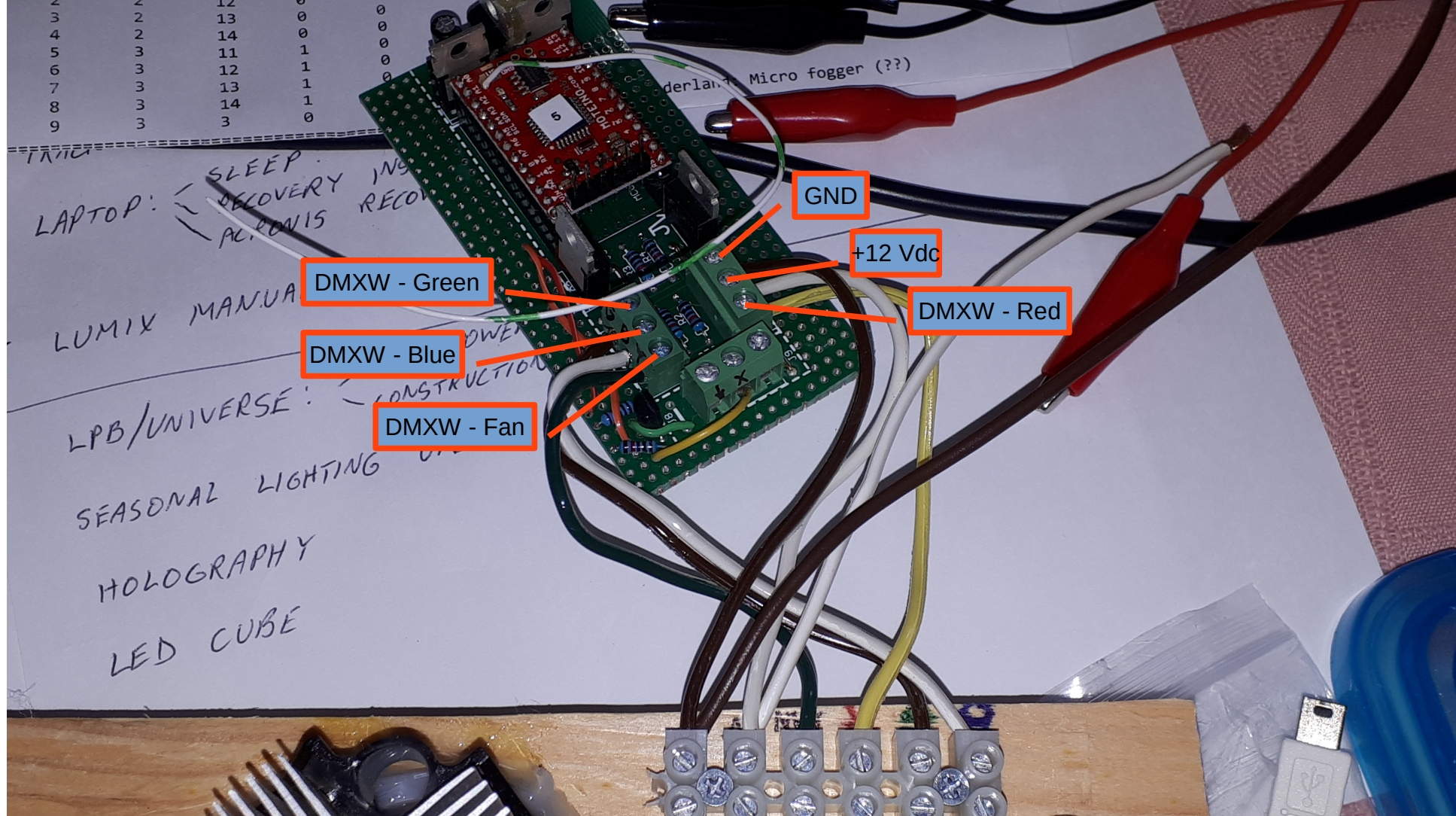
RGB LED (100W)  
- effective power is 40W  
(approx equivalent to 300W Incandescent, 4000 lumens)  
- 30 – 36 Vdc  
- total current draw with DC-DC booster is approx 36 Vdc, 1.12A

DMXW - Red  
DMXW - Green  
DMXW - Blue

DMXW - Fan  
+12 Vdc  
GND

Over-engineered heat sink with 12 Vdc cooling fan. (Discarded PC cooling fan.)





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