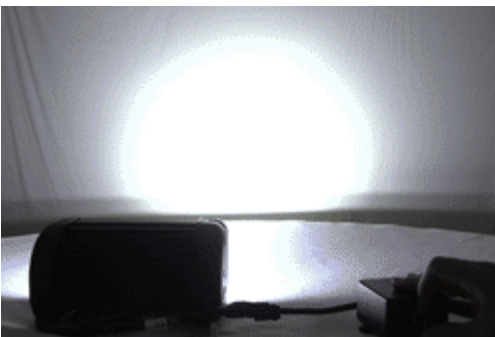


PWM Controller - Pulse Width Modulator - Buck & Boost - Dims LED lights - 135Hz

Part #: LED-PWM-6



This Pulse Width Modulator Controller is designed to dim any LED lights up to 72 watts. Basically, this is a voltage regulator for LED lights drawing 12 amps or less. PWM controllers are CPU controlled, digital alternatives to resistance based rheostats. This PWM controller has a rotating switch that enables the operator to control the brightness of the LED light. Thus, many operators will use this as a "dimmer" switch. This PWM can also be used to dim our halogen lights, including the HL-85 and HUL-18. Dimming halogen lights with a PWM is more efficient than using a standard rheostats. Rheostats create resistance, but always draw the same amount of amps. Thus, operators using halogen lights while dimming with a rheostat will draw down their battery capacity at the same rate as if they were running the light at full power. By using a PWM, the light will only draw the amps necessary to produce the dimmed output. If an operator were running the light at half brightness, then they would double their battery life.

[Click Photo to Enlarge](#)

This PWM is designed to work inline with any of the Larson Electronics LED lights up to 72 watts that draw 12 amps or less. It also works on any input voltage ranging from 9-42 Volts. It produces 135Hz. It is equipped with male and female 2 pin Deutsch connectors so that it can be used inline with any Larson Electronics harness and/or cord solution.

This PWM can be used as a handheld or it can be surface mounted. Mounting ears extend from the unit to enable operators to surface mount the unit.

A dial extending from the side of the PWM enables operators to control the brightness of the attached LED light.

NOTE: This dimmer switch will work with 12 volt lights ONLY and will not be effective on any of our 24 volt lights.

This product does not qualify for free shipping.

Part #: LED-PWM-6 (46756)









Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Manual](#)
- [High Res Pic 1 - PWM Controller - Pulse Width Modulator \(Right Angle\)](#)
- [High Res Pic 2 - PWM Controller - Pulse Width Modulator \(Front\)](#)
- [High Res Pic 3 - PWM Controller - Pulse Width Modulator \(Left Angle\)](#)
- [High Res Pic 4 - PWM Controller - Pulse Width Modulator \(Right Side\)](#)
- [High Res Pic 5 - PWM Controller - Pulse Width Modulator \(Bottom Front Angle\)](#)
- [High Res Pic 6 - PWM Controller - Pulse Width Modulator \(Left Side\)](#)
- [High Res Pic 7 - PWM Controller - Pulse Width Modulator \(Back\)](#)
- [High Res Pic 8 - PWM Controller - Pulse Width Modulator \(Top\)](#)
- [High Res Pic 9 - PWM Controller - Pulse Width Modulator \(Bottom\)](#)