

# DIMMING SYSTEMS - COCKPIT LIGHTS

## SOLID STATE LIGHT DIMMING KIT



Economical solution for the dimming of aircraft interior lighting. This heavy-duty solid state dimming kit by Superior Panel Technology includes a potentiometer with built-in off switch and 115W power transistor mounted to a heat sink. The supplied colored Mil Spec wire and very easy to follow wiring diagram allows the aircraft builder to customize the wiring harness to fit individual needs. When compared to rheostats, this unit provides more even dimming when a combination of LEDs, incandescent bulbs and electroluminescent lamps (such as SPT's Glow Strips) are used. Appropriate for both 14V and 28V systems.

Knob sold separately.....P/N 11-00846  
Control Knob .....P/N 11-07344

## LC-40E/LC-40 LIGHTING CONTROLLERS



The LC-40e comes in an anodized brushed aluminum chassis. Features extra control knob sensitivity at dim end of the lighting range where it is needed most. It is microcontroller controlled and has continuous over voltage, current limit & fault protection. Each channel can handle 1.5 amps. LC-40E

P/N 11-03366

## LC-50 LIGHTING CONTROLLER



- Rate and Offset adjustments for each channel allows exact matching of dimming behavior of each channel.
- Multiple channels can then be joined and controlled by a single knob.
- Two Analog outputs for dimming these devices:
  - Garmin LCD Displays G3X, G900X, etc.
  - Garmin 400/500/600/700 series Radios
  - Garmin GTX 327/330 Transponders

- Garmin GMA 347 Audio Panel
- Tru-Trak ADI Pilot
- Tru-Trak Pictorial Pilot
- Newer PS Engineering Audio Panels.....P/N 10-06621

## PWM DIMMER BY SPT



Superior Panel Technology has developed three new, compact solid state Pulse-Width-Modulation (PWM) dimmers to meet all aircraft dimming needs.

They are extremely easy to install (one terminal screw for power in, one for ground and the third for power out), minimal heat dissipation,

and by choosing the right dimmer (EL/LED Dimmer, Heavy Duty or Extreme Heavy Duty) you avoid the "dimming steps" in brightness often found in other PWM dimmers.

The EL/LED Dimmer would be used for LED's and electroluminescent lighting such as SPT's Glow Strips. The Heavy Duty dimmer can handle up to 100 watts. The Extreme Power can be used for up to 400 watt @28V or 200 watt @14V. These dimmers have the smallest footprint on the market for a PWM dimmer with a switch.

Description	Part No.	Price
LED/EL Dimmer with Off Switch	11-10603	---
LED/EL Dimmer without Off Switch	11-10604	---
Heavy Duty Dimmer with Off Switch	11-10606	---
Heavy Duty Dimmer without Off Switch	11-10608	---
EXTREME DUTY Dimmer without Off Switch (Only Available with out)	11-10612	---

## CRAZEDPILOT LED LIGHTING FLEXIBLE WATERPROOF STRIP



This flexible 15 ft LED Lighting strip is powered by 12volts, is adhesive backed and waterproof - allowing you to install it in any location you want light to glow. This LED Lighting strip can be powered directly with 12v as a light source for footwells, dome lighting, passenger areas, etc. LED Lighting comes in Red, White, and Blue with a black flexible PC Board technology, and clear silicone-based flexible covering.....P/N 11-14143

## VAL AVIONICS CLA 500 COCKPIT LIGHTING ASSEMBLY



The CLA 500 is a Multiple Circuit, Solid State Cockpit Lighting Assembly that will accommodate (4) independent dimmer lighting circuits such as instruments, sub panels, avionics, eyebrow, overhead, flood, and post lamps etc. The CLA 500 unit itself measures 5"l x 4.7" w x 1.5" h; wt: 0.8 lbs. The unit is rated at 14/28VDC input at 2.5 amps max per circuit. The CLA 500 comes complete with 4 on/off dimmer control switches and connector assembly. The CLA 500 carries a full 1 yr factory warranty. **Not TSO'D**

14V .....P/N 11-05700  
28V .....P/N 11-04592

## COCKPIT LIGHTS



### TYPE C4A

A multi-purpose light providing narrow spotlight or floodlight beam. Rotate dial for red or white lens. Push-button for instant full light. Adjustable rheostat. Coiled cord & snap-in mounting base makes light portable in cockpit area. New mfg. Most suitable for larger aircraft.

12V .....P/N 11-03921  
24V .....P/N 11-03922

## EYEBALL COCKPIT LIGHTS



These high quality cockpit lights are engineered to match the eyeball swivel vents on the page on Air Vents in this catalog. Simple twist on/off operation provides white beam for cockpit lighting. Made from 2024T351 aluminum. Diameter: 2.75". Has 4 mounting holes (1/8" dia.) which are spaced 2-3/8" apart on a mounting plate with a thickness of .71". Made in USA.

Order 14V or 28V bulb separately

Black (no bulb) .....P/N 05-01401  
Gray (no bulb) .....P/N 05-01402  
28V .....P/N 11-04172

## PANEL POST LIGHT



Panel Post Light. Compact design, just 3/4" x 1/2" (6mm shaft diameter). 2 super-bright LEDs. Ideal for panel lighting or map lighting.

12V White.....P/N 13-15801  
12V Red .....P/N 13-15816  
12V Green.....P/N 13-22027  
12V Blue.....P/N 13-22028  
12V Amber .....P/N 13-22030  
24V White.....P/N 13-15802  
24V Red .....P/N 13-15817  
24V Green.....P/N 13-22029

## LED TASK LIGHT MODULE 24V WHITE



The LED task light features a rain and brake light, two separate functions in the same package. The LED task light module has a high flash rate which is important in attracting attention in low visibility conditions. This is a three wire unit with wires for Brake, Rain and battery negative. It uses LOW power, so minimal that you can power it from a single 9 volt battery. Operating voltage range 5vdc to 18vdc.

Dimensions: 2.7"x2.5"x0.89" .....P/N 11-02881



## MINI GOOSENECK LAMP

This mini gooseneck lamp is a versatile, flexible-shaft lamp designed as a map light, chart light, and panel light. The flexible shaft permits the lamp to stand-off and illuminate a larger panel surface, or double as a flexible chart light or map light. When mounted on instrument panels or consoles, the lamp provides a bright and directional lighting source. The 1/4" shaft is flexible yet rigid enough to retain its shape during use.

Length	Color/Volts	Part No.	Price
5-7/8	Red 12V	11-14112	---
	Red 24V	11-14116	---
	White 12V	11-14114	---
	White 24V	11-14118	---
10-1/2	Red 12V	11-14113	---
	Red 24V	11-14117	---
	White 12V	11-14115	---
	White 24V	11-14119	---

EL