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 110W 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 incandescent bulbs, this unit provides more even dimming when a combination of LEDs, incandescent bulbs and electroluminescent lighting (such as SPT’s Glow Strips) are used. Appropriate for both 14V and 28V systems. Knob sold separately .......................... P/N 11-00846 .............. $74.75
Control Knob ..................................... P/N 11-07344 .............. $4.90

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 11-10601 $118.95
LED/EL Dimmer without Off Switch 11-10601 $98.95
Heavy Duty Dimmer with Off Switch 11-10602 $118.95
Heavy Duty Dimmer without Off Switch 11-10606 $98.95
EXTREME DUTY Dimmer without Off Switch (Only Available with out) 11-10612 $128.95

LC-40E/LC-40 LIGHTING CONTROLLERS

The LC-40e comes in an anodized brushed aluminum chassis. Features include 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 11-00366 .................. $126.95

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 51 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 control switches and connector assembly. The CLA 500 carries a full 1 yr factory warranty. Not TSO'D

P/N 11-05700(14v) .......... $225.00
P/N 11-04592(28v) .......... $250.00

COCKPIT LIGHTS

24V ............. P/N 11-03922 .......... $189.75

MINIATURE EYE-BALL COCKPIT LIGHTS

MOD1 OVERHEAD CONSOLE - The Mod1 Overhead Console is mounted to top of cabin or top wing skin or posts on Console. All lights are ordered separately. Weight: 3.8 oz.

P/N 11-06003 .............. $27.65

EYE-BALL 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 2024T3S1 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.

Black (no bulb)........... P/N 05-01401 ........... $68.85
Gray (no bulb)........... P/N 05-01402 ........... $68.85

Order 14v or 28v bulb separately
14V ......................... P/N 11-04197 ........... $1.45
28V ......................... P/N 11-04172 ........... $3.45

PANEL POST LIGHT

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

12V White ............... P/N 13-15801 ........... $14.95
12V Red ................. P/N 13-15816 ........... $14.95
24V White ............... P/N 13-15802 ........... $14.95
24V Red ................. P/N 13-15817 ........... $14.95

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 .............. $74.95

MINI GOOSENECK LAMP

This mini goose neck 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 $21.95
White 12V 11-14114 $21.95
White 24V 11-14118 $21.95
Red 12V 11-14113 $23.95
Red 24V 11-14117 $26.95
White 12V 11-14116 $23.95
White 24V 11-14119 $23.95

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 strip comes in Red, White, and Blue with a black flexible PCB technology, and clear silicone-based flexible covering.

P/N 11-14143 .......... $19.00

CRAZEDPILOT BULLET LED LIGHTS

They are .9” diameter at the head, and fit thru a 10mm hole. A lot of output for a small LED! Angle of view is very wide! Can be seen a LONG ways away, even in daylight! Pair this product with the LED Strobe and Wig-Wag Controller, and you have an excellent strobe system for a low dollar investment! White .......... P/N 11-14140 .......... $7.00

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