

**Thank you for purchasing the bezel portion of UMA's EL instrument lighting system.** The system is PMA'd under STC# SA01640NY in the White color only.\* The enclosed bezel is designed to fit 2 1/4" or 3 1/8" standard aircraft instrument. Place the bezel between the instrument and the panel, or between the panel and the panel overlay. A DC to AC inverter is required to operate the bezel. UMA offers inverters in several input voltages to power up to 12 instrument bezel lights (see chart below).

UMA also offers a connector kit (1G02) to facilitate connection of the light bezels. One connector kit is required for each bezel. If you choose not to use the 1G02, you will need to use an alternate method of securing and totally insulating the connections such as heat shrinkable tubing. With either method of installation, use 20-24 AWG twisted pair wires (or twist two wires a minimum of 8 turns per foot) for all connections between inverter and lights. These are low current AC wires which connect the light bezels in parallel with the inverter. Crimp the supplied pin connectors to wires for connection to the bezel. One UMA inverter will power up to twelve bezels (and/or UMA internally lit instruments). Refer to diagram on the back for instrument wiring references. When using a dimmer, connect it between the inverter and power to vary the DC input.

Additional Part Numbers:

P/N	Description	Wire Color	P/N	Description
10-700-05	5 Volt light inverter	Red/Black	1G01	Dimmer Potentiometer
10-700-14	12-14 Volt light inverter	Green/Black	1G02	Connector Kit
10-700-28	24-28 Volt light inverter	Yellow/Black	1G02-1	Connector Housings

2-425-050 EL Light Strip w/ adhesive backing 1/2" X 25"      2-423-075 EL Light Strip w/ adhesive backing 3/4" X 23"  
 2-411-120 EL Light Strip w/ adhesive backing 1.2" X 11.5"      2-418-150 EL Light Strip w/ adhesive backing 1 1/2" X 18"

\*Installation Eligibility is Raytheon Aircraft Company (Beechcraft) 65-A90-1 and 65-A90-4.  
 installation documentation is available @ <http://www.umainstruments.com/>

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