

INTRODUCING LUX[®]

Lamp USB X-Over

Lighting + USB Power Made Simple



New from:

PIVOT[™]



*LUX is an evolutionary leap for utility lamps.
Get connected and power up.*

The PIVOT LUX provides a much needed update to the outdated utility lamp of yesteryear. Enter the future with crisp LEDs and USB power.

LUX powers EFB devices while providing the same ease of use, flexible articulation and durability users expect from PIVOT cases.



Easy Setup – The LUX EFB charging interface can be installed by avionics technicians during overnight or light scheduled maintenance utilizing the wiring and mounting locations of existing incandescent flight deck utility lamps. The load requirement for the USB port and LED bi-color utility lamp is less than 1 amp at 28V AC/DC.



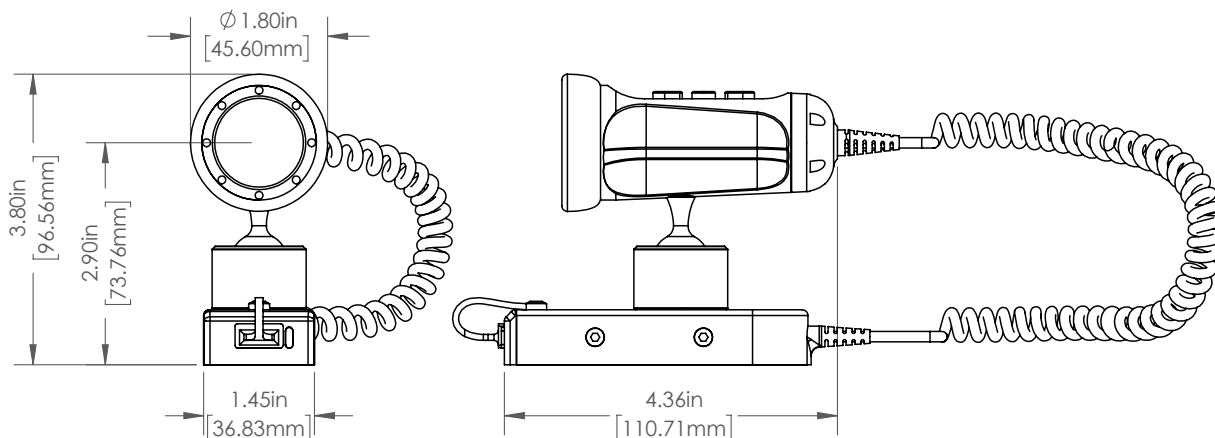
Small Spaces Approved – Size matters and the LUX's small footprint enables a variety of mounting locations. Designed with a universal mounting plate, it can be fastened vertically or horizontally on interior hard points or DZUS[®] panel locations.

Line Replaceable/Upgradeable Electronics

Don't be left at the gate or behind the technology curve. The LUX EFB charging interface eliminates the risks of accidental damage to the USB receptacle and all core USB electronics are line replaceable, installed in just minutes. This line replaceable feature also allows for future EFB interface upgrades with the same ease, allowing operators to stay on schedule and in-step with future technology without excessive fleet engineering changes.

LED Longevity means minimal maintenance

LED arrays have an exponentially longer life than incandescent bulbs and don't emit excessive heat. If the LED's don't outlast the airframe, the LUX's array can be replaced by technicians in minutes. Alternatively, recurrent incandescent bulb replacements by technicians are significant, cumulative costs.

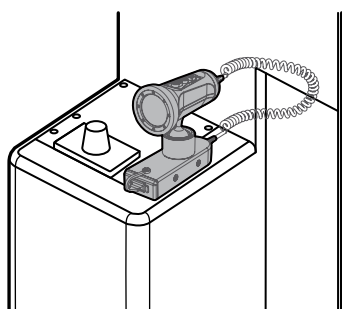


Technical Specifications

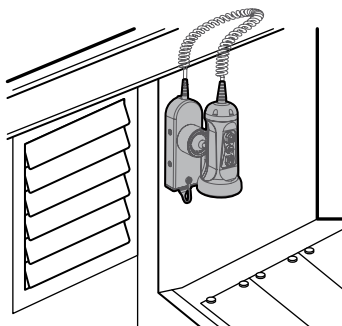
USB interface:	USB-2 and USB-C Certifications (<i>forthcoming</i>)
Power Consumption:	Less than 1 AMP at 28V AC/DC
Housing Material:	Aircraft Aluminum / Type II-III Anodizing
Approx. Weight:	300 grams
Approx. Dimensions:	3.8"H x 4.36"L x 1.8"W (95.56mm x 110.71mm x 45.6mm)
Surge Suppression:	DO-160G Section 16-17 and Mil-Std. 704
ON/OFF Control:	Lamp and USB power ON/OFF switching
Mounting:	Universal

USA Manufacturing

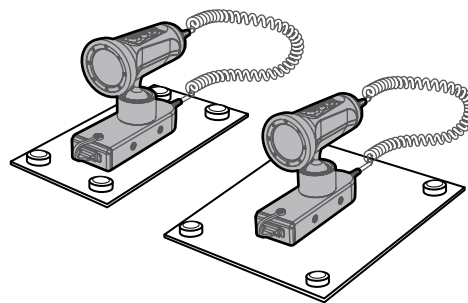
US based aerospace manufacturer, certified AS9100.
All applicable material controls, and certified quality management per ISO 9001:2008 and ISO 13485:2003.



Horizontal Mount



Vertical Mount



Dzus® Mount

DO-160G / MIL-STD Testing

- Section 4: Temperature and Altitude
- Section 5: Temperature Variation
- Section 6: Humidity
- Section 7-8: Shock, Vibration, Crash Safety
- Section 10-11: Waterproofness and Fluid Susceptibility
- Section 15: Magnetic Effects
- Section 16-17 / Mil-Std 704: Surge, Transient, and Under-Voltage
- Section 18: Audio Frequency Conducted Susceptibility
- Section 20-21: Conducted and Radiated EMI
- Section 25: Electrostatic Discharge
- Section 26: Flammability per 14 CFR Part 25, Appendix F part 1

PIVOT



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www.youtube.com/c/pivotcasevideo



Need more information?

Have questions? Need answers fast? Please contact PIVOT support at pivotcase.com