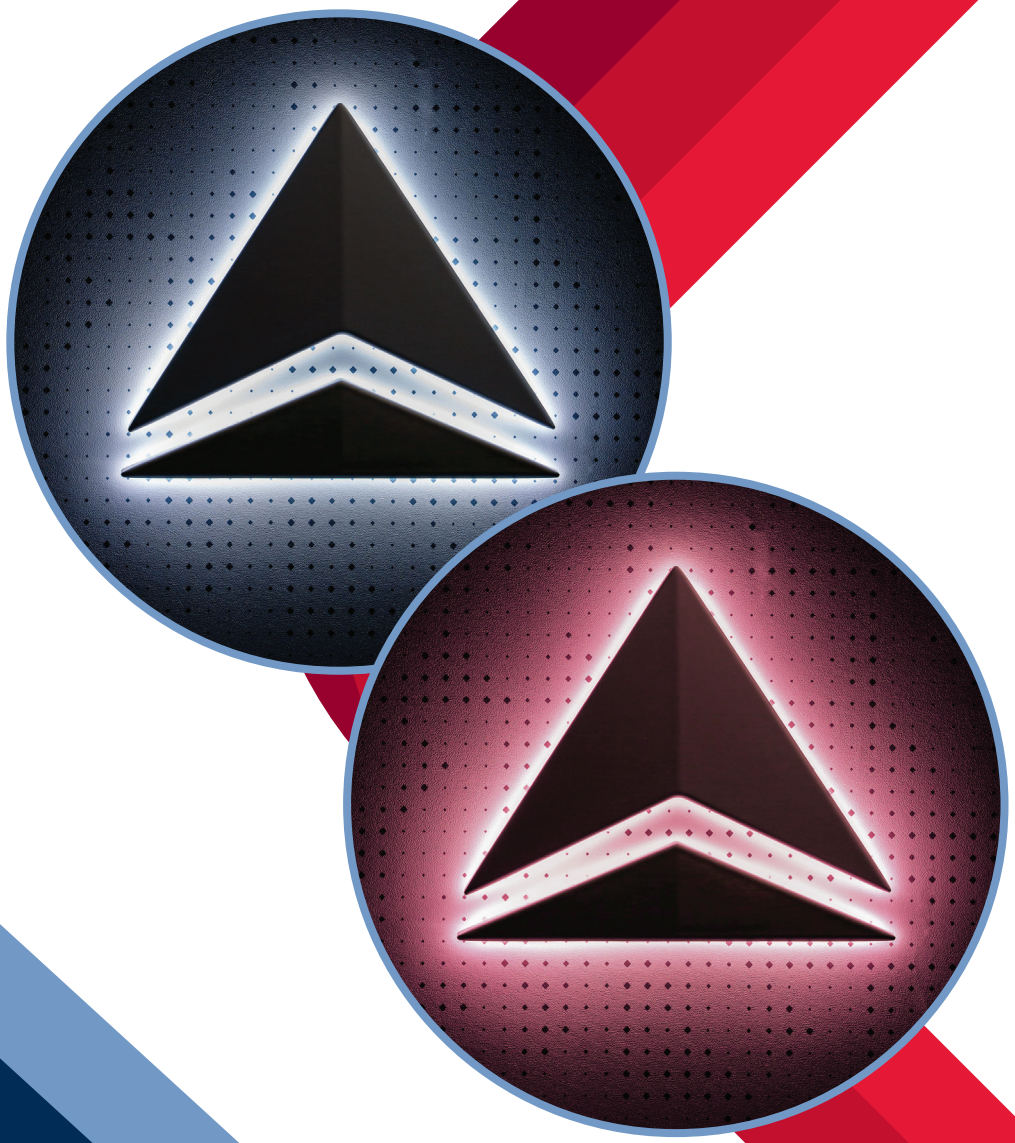
BACKLIT BRANDING



DELTA

Flight Products

Engineered using CAD, the PCB board offers unparalleled flexibility in adapting to diverse geometries.

Shadow formation is prevented by the precision-mounted assembly that aligns the PCB board, diffuser lens, and thermoplastic cover, with exact accuracy.

Utilizing thermoplastic as a cover enables the creation of intricate designs, supports a wide variety of textures, and offers an unlimited range of color options.

All materials comply with all FAA flammability standards outlined in 14 CFR § 25.853.

The latest version enables full integration with the aircraft cabin lighting system.

This revolutionary Bluetooth LED Backlit Branding element utilizes Bluetooth to create a 100% user curated color profile and styling. The addition of an ambient lighting sensor makes the LED Bluetooth Branding element independent of the existing aircraft cabin lighting system. The ambient lighting sensor allows the element to increase and decrease brightness levels based on the cabin lighting scenarios.

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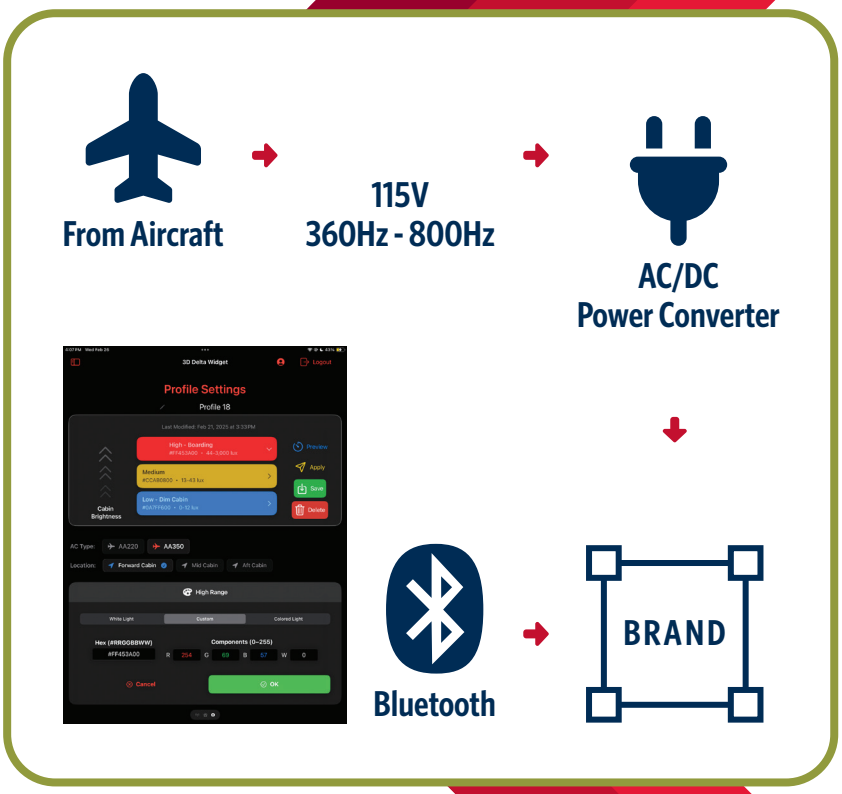

LED Lights:
24bit RGB plus 8 bit 6K Cool W LEDs capable of displaying over 16.5 million different user selectable color hues and 256 brightness levels.

Ambient lighting sensor:
Automatic full-scale setting feature simplifies software and ensures proper configuration.

Micro-Controller with 5Mbit serial Flash memory.

Bluetooth Antenna:
Frequency Band 2400 – 2485 MHz

Directionality Omnidirectional

DO160G Qualified

REACH/RoHS Compliant

FAA STC ST12040AT

TECH SPEC

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