

Illuminating Flight Control Through Innovation.

## ILLUMINATED LIGHTPLATES Flightdeck Panels

Experts in LED, Night Vision, and Incandescent Illuminated Panel Technology.

When it comes to the design and manufacture of flight-deck lightplates, nobody does it better. IDD Aerospace has a lean design and development process that meets our customers' needs and in most cases meets or exceeds their specifications. This includes the most demanding lighting requirements for uniformity, chromaticity, Night Vision Goggle (NVG) and Night Vision Imaging System (NVIS) compatibility, weight, power consumption and cost.

With over 50 years of experience, IDD Aerospace is a world leader in the design and manufacturing of illuminated lightplates for both commercial and military aircraft. We are an OEM supplier and produce more than 40,000 illuminated panels per year. This experience allows us to offer cost-effective solutions that are customized to our customers' needs.

Contact an IDD Aerospace representative today to find out how we can help



# GENERAL SPECIFICATIONS

IDD Aerospace's lightplates are designed to meet SAE-AS-7788/MIL-P-7788 specifications.

## Lighting Technologies

IDD Aerospace designs both Incandescent (Type V) and LED (Type VII) technologies for panel lighting. Our lighting uniformity, laser indicia, and computerized balancing ensures manufacturing consistency and part quality. We also have solutions for NVIS and NVG compliance.

- Type V (Incandescent) 2.7V, 4.5V, 5.0V, 12.0V, 27.5V, and 28V
- Type VII (LED) 4.5V, 5.0V, 12.0V, 27.5V, 28.0V, and 115.0V
- Type VI (EL) - Type VI to Type VII (LED) LED Design for EL wired installations

## Luminance

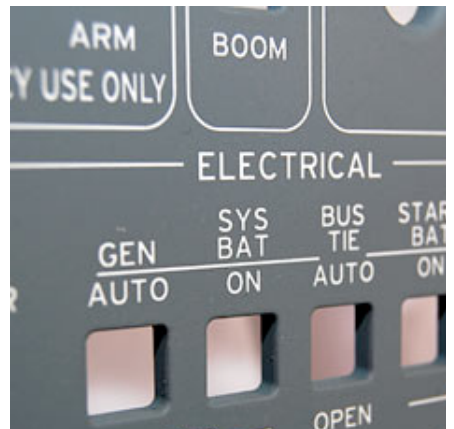
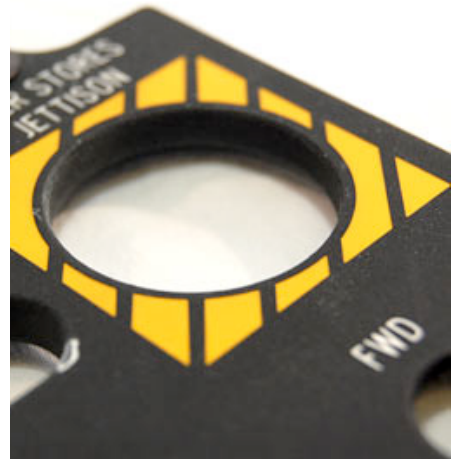
- 0 to 30 foot-lamberts or annunciated legends as high as 450 foot-lamberts

## Chromaticity

Unfiltered White, IPL Red, IPL White, USAF BW, NVIS Green A, Green B per AS 7788 are available using incandescent and LED technologies. Custom color solutions are also available.

## NVG and NVIS

IDD Aerospace's state-of-the-art engineering and manufacturing processes ensure superior NVIS-compatible lighting performance. NVIS Red and Green panel class A or B illumination can meet or exceed NVIS A or B performance requirements of MIL-L-85762A or MIL-STD-3009. This is achieved through the use of the latest LED or incandescent illumination technologies.



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