

## LED SMT Illuminated Information Panels

- Low power consumption
- Long life solid state reliability
- Low surface temperature rise
- Compatible versions for Night vision use (NVIS)

Paramount Panels is a leading lighting supplier with over 50 years of experience in satisfying demands of the Defence, Aerospace and communications markets.



The choice of LED's in a Surface Mount configuration enables panels for Aerospace and Military applications to be manufactured in accordance with the requirements of MIL-DTL-7788G (Formerly SAE AS7788) for Type VII panels.

In applications where extended life, reliability or limited power consumption are significant factors, LED's may present a useful alternative to more conventional systems of lighting such as incandescent filament lamps .

- Low power consumption compared to traditional incandescent lamp technology
- Long life solid state reliability
- Low surface temperature rise
- Compatible with night vision systems when additional filters are utilised, meeting the requirements of MIL STD 3009, MIL-L-85762A and MIL-DTL-7788G
- PPIUK LED SMT Technology can be incorporated into our complete range of panel products, including Tactile Keyboards, and can also be used in many other lighting applications
- Luminance variation curve of an LED illuminated panel can be matched to other lighting systems, i.e. Incandescent. Therefore, mixed lighting technologies can be utilised within the application.
- Integral Secret until lit annunciators/indicators with sunlight readability can be incorporated.
- Contact the factory for advice and further information; we are here to serve you.

### Power Supply

5V DC or AC  
28V DC or AC  
115V

Other voltages can be catered for

### Illumination Colour

All standard LED colours can be used, i.e. White, Green, Yellow, Red, Blue, & Amber. Along with IPL Red, IPL White, and NVIS compatible



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