



Consolite Technology Data Sheet

NVG Compatible Flight Deck Status Lights (Traffic Lights)

Part No: CTL-060-006

The assemblies replace naval flight deck filament lamp deck status lights. They consist of arrays of LEDs, green, amber and red, providing high luminance levels over the required viewing angles. The LEDs are inherently NVG compatible so there is no need for separate lights for daytime use and for night-time NVG use. The light colours are NVIS Red, Aviation Yellow and Aviation Green.

The units are fully dimmable and sealed to withstand the harshest environments. Multiple redundancy in the LED arrangement means the arrays are highly reliable so there is no need to change failed lamps.

The arrays may be purchased separately for retrofitting into an existing housing or as a complete housing assembly for flight deck mounting. They are designed for a 115V AC system but other voltages can be accommodated if required.



Green Traffic Light Array



Typical performance

	NVIS Radiance		Chromaticity	
	NR _A @ 0.1fL	NR _B @ 0.1fL	u'	v'
Green	9.7E-11	3.6E-11	.041	.552
Amber	1.9E-9	7.1E-10	.345	.548
Red	9.7E-7	1.1E-7	.425	.536

Spectral Outputs

