



## Consolite Technology Data Sheet

**Part No:** CTL-202-001

**Description:** LED Cockpit Floodlight, Low Profile, NVG Compatible



### Introduction

The Cockpit Floodlight is suitable for use in any cockpit location, particularly to illuminate instruments when their internal lighting is switched off for NVG compatibility.

It is low profile, low power, bracket mounted, and fully adjustable for angle, making it simple to install in most locations, but especially under glare shields for main console illumination. An integral control knob permits full local dimming.

The white light output is fully compliant with MIL-STD-3009 and RTCA/DO-275, and means that, unlike green floodlights, full colour rendering of all flags and markers on cockpit instruments is achieved.

It is also suitable for more general illumination tasks in any aircraft interior location, as well as for warship and military vehicle applications.

### Features and Benefits

Low profile – occupies minimal space and does not obscure instruments.

Adjustable for angle – each light can be set up individually for optimal coverage.

Bracket mounted – simple installation in any suitable location.

Integral dimming – individual light outputs can be optimised independently of global dimming.

White light output – full colour rendering of cockpit instrument flags and markers.

Fully NVG compatible – exceeds all relevant standards and will not affect NVGs.

LED based – low power, low impact on aircraft supply.



### Performance (Typical)

Intensity Range	NVIS Radiance @ 0.1fL		Chromaticity	
	cd	NR <sub>A</sub>	NR <sub>B</sub>	u'
2.6 – 18.9	2.80E-10	2.33E-11	.192	.503

### Technical Information

Weight:

Input Voltage: 28V

Current: 28mA at 28V

Connection: 22 AWG flying leads

### Key Dimensions

