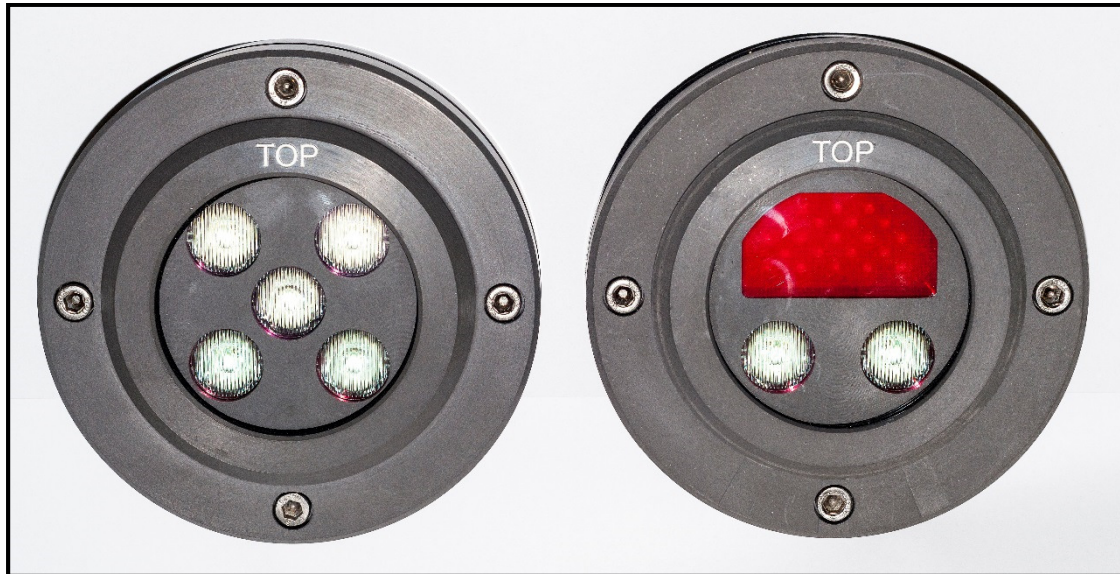




Consolite Technology Data Sheet

Part No: CTL-218-XXX

Part name: Aircraft Tow Tractor External Light Set, NVG Compatible



As specified by NAVAIR for the US Navy

The lights are designed for use on aircraft tow tractors, specifically for aircraft carrier flight decks, but are equally relevant to land systems.

The headlights produce an intense fan shaped beam for optimum illumination of the area ahead of the tractor.

The rear lights combine three functions in one unit:

- Tail light
- Brake (stop) light
- Reversing (back-up) light

They are of robust construction using LED light sources for high reliability and are designed to withstand the harshest of maritime environments.

All are fully night vision goggle (NVG) compatible to very tightly controlled limits for use in the most demanding military environments.

Non-NVG variants can also be supplied if required.

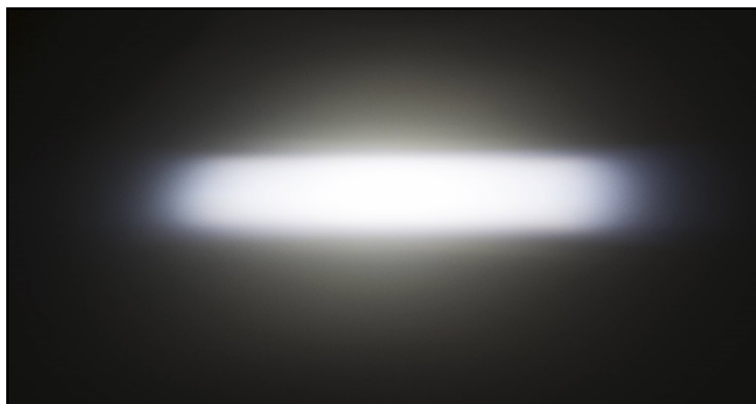


Typical performance

	Headlight	Tail Light	Brake (Stop) Light	Reversing (Back-Up) Light	
Part Number	CTL-218-002	CTL-218-003			
Peak beam intensity *	650 cd	2.5 cd	18 cd	24 cd	
Beam spread	40° x 7° FWHM	MS51329-1	MS51329-1	40° x 7° FWHM	
NVIS Radiance per MIL-STD-3009 (all scaled to 0.1fL)	NR _A	4.97E-11	5.96E-9	7.87E-9	6.92E-10
	NR _B	6.82E-12	2.92E-10	3.44E-10	2.20E-10
NVIS Radiant Intensity	Available on request	Available on request	Available on request	Available on request	
Chromaticity	Available on request	NVIS Red	NVIS Red	NVIS White	
Voltage	24V DC	24V DC			
Current	< 1A	< 1A			

* Higher output non-NVG variants can be supplied if required.

Headlight/Reversing Light Beam Pattern



Main Dimensions

Diameter 135mm
 Depth 42mm