

WLS-G4 GREEN WARNING LASER



nLIGHT introduces the next generation of portable, rugged, warning lasers. Designed to produce an unambiguous visual warning signal, these lasers generate green light using an array of diode-pumped solid-state lasers and a non-linear conversion process.

These bright green laser light sources consume modest amounts of power while offering superior efficiency and reliability. Mountable on a MIL-STD-1913 "Picatinny" rail, and powered for days of operation (with 100+ illuminations of 30 seconds or more) by four CR-123 camera batteries, these lasers offer an option of force escalation in the field as a non-lethal, unambiguous visual warning signal.

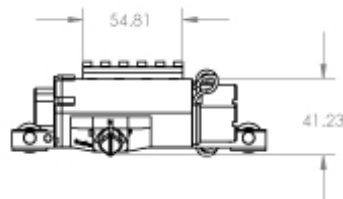
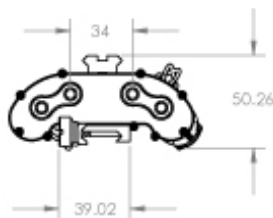
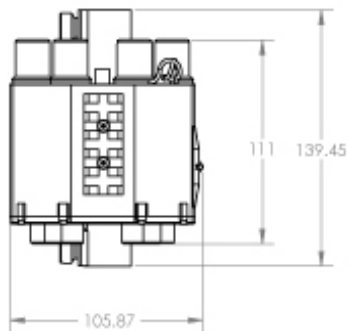
Applications

- Determination of intent
- Low energy warning light
- Non-lethal force escalation
- Spot illumination
- Convoy and checkpoint security
- Crowd control
- Counter measure for VB-IEDs

Features

- Bright green laser beam
- Maximum class IIIb power
- Light weight
- Power by standard CR-123 batteries
- Operation over a broad temperature range
- MIL-STD-1913 "Picatinny" rail mount

Package dimensions



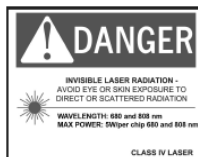
Typical device specification

Device specifications	Unit	Min	Typical	Max	Comment
Wavelength	nm		532		
Beam divergence	mr	13	15	17	FW 1/e ²
NOHD	m			15	
Battery life, green on	hr	1			
Battery life, ready mode	hr	100			
Weight	lbs		1.1		With batteries
Operating temperature	°C	-10		50	
Length	in		5.5		
Width	in		4.2		
Height	in		2		
Power output >700 nm	mW			1	
Mean shots to failure	ea				73,000
Turn-on-delay	s			1	FWHM power output

Operating modes Parameter	Unit	Day			Night			Flash			Safe
		Min	Typical	Max	Min	Typical	Max	Min	Typical	Max	
Output power	mW	200	450	500	67	150	167	100	225	250	0
Output power (25 °C)	mW	400			133			200			0
Duty cycle	%		100			100		50			N/A
Frequency	Hz		N/A			N/A		6	7	8	N/A
LED output (Battery ok)			Bright red			Dim red			Bright red		Off
LED output (Battery low)			Bright flashing			Dim flashing			Bright flashing		Off

CFR Regulation

These components do not comply with the federal regulation (Title 21 CFR, Chapter 1, Subchapter J) as administered by the Center for Device and radiological Health. Purchaser acknowledges that their products must comply with these regulations before they can be sold to an end-user.



Notice

nLIGHT continually improves its products to provide our customers with outstanding quality and reliability. nLIGHT may make changes to specifications and product descriptions at any time, without notice. In addition, nLIGHT offers a limited warranty to ensure customer satisfaction. For complete details, please contact your nLIGHT sales representative.