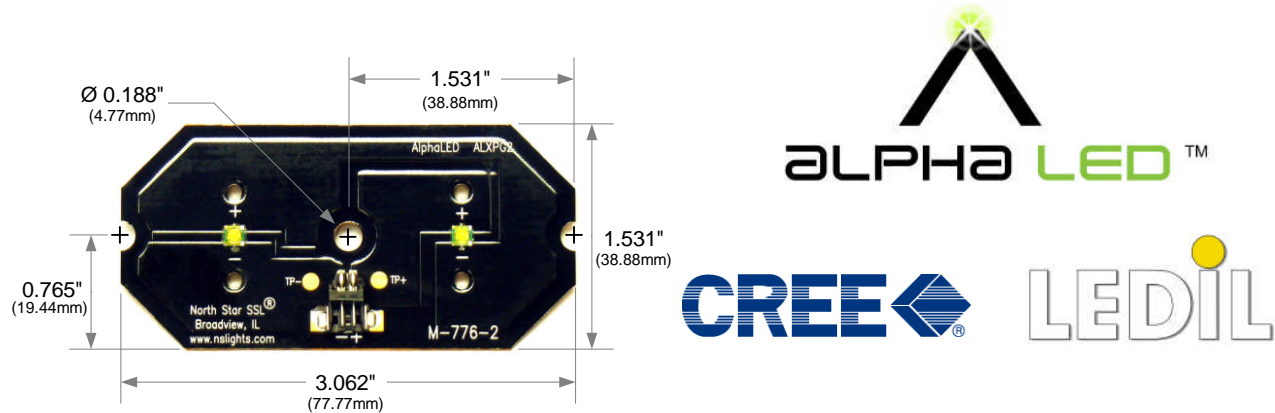


# ALXPG2 Light Engine by NORTH STAR SSL®



ALXPG2 AlphaLED Light Engine is capable of delivering over 600 lumens. With on board connector, it can be easily integrated into fixtures and OEM applications. The ALXPG2 features 2 CREE® XP-G emitter with various optical choices. It's superior Copper Metal Core PCB is also optimized with extended thermal traces to obtain minimum thermal resistance. This allows excellent thermal management design to maximize LED performance.

## ALXPG2 Specifications\*

Light Source	2 CREE XP-G LEDs on Copper, 32mil Metal Core PCB			
Light Output (@ 65°C)	Cool White (5000 - 8300 Kelvin)	Natural White (3700 - 5000 Kelvin)	Warm White (2600 - 3700 Kelvin)	
	456 Lumen at 700mA	424 Lumen at 700mA	372 Lumen at 700mA	
	600 Lumen at 1000mA	558 Lumen at 1000mA	488 Lumen at 1000mA	
Color Rendering Index	75	75	80	
Max. Drive Current	1500mA	1000mA	1000mA	
Forward Voltage	~6.6V Nominal	~6.6V Nominal	~6.6V Nominal	
Max. Power	9.9 Watt	6.6 Watt	6.6 Watt	
Thermal Resistance	>4C/W	>4C/W	>4C/W	
Optics: 21.6mm OD Pressure Sens. Adhesive	Narrow 11 Deg.	Medium 26 Deg.	Wide 46 Deg.	Elliptical
	OPG-N11	OPG-M26	OPG-W46	OPG-EL
Mounting	0.188" (4.77mm) ID, 1 Location			
Connection	Wire harness with Tyco connector. Part#: H-XP-12 12" Long 26AWG, Red (+), Black (-)			
Environmental	Board Temperature Limits: -20°C to 70°C. Environment: Non-corrosive, Humidity: 0-95% non-condensing			

\* Specifications are subject to change without notification. Please consult factory for the latest information about our products.