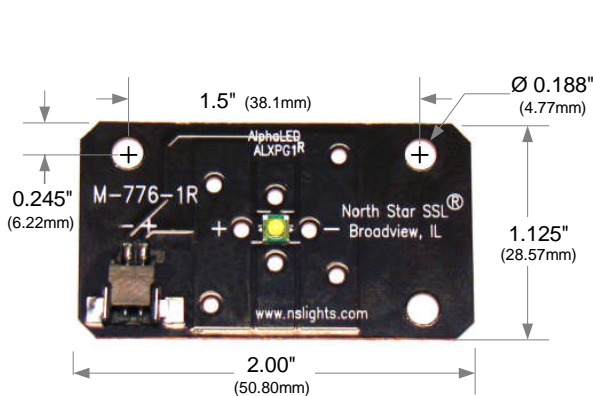


ALXPG1 Light Engine by NORTH STAR SSL®



ALXPG1 AlphaLED Light Engine is capable of delivering over 300 lumens. With on board connector, it can be easily integrated into fixtures and OEM applications. The ALXPG1 features a 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.

ALXPG1 Specifications*

Light Source	1 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)	
	228 Lumen at 700mA	212 Lumen at 700mA	186 Lumen at 700mA	
	300 Lumen at 1000mA	279 Lumen at 1000mA	244 Lumen at 1000mA	
Color Rendering Index	75	75	80	
Max. Drive Current	1500mA	1000mA	1000mA	
Forward Voltage	~3.3V Nominal	~3.3V Nominal	~3.3V Nominal	
Max. Power	4.95 Watt	3.3 Watt	3.3 Watt	
Thermal Resistance	>6.3C/W	>6.3C/W	>6.3C/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	0.156" (3.96mm) ID, 3 Locations			
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.