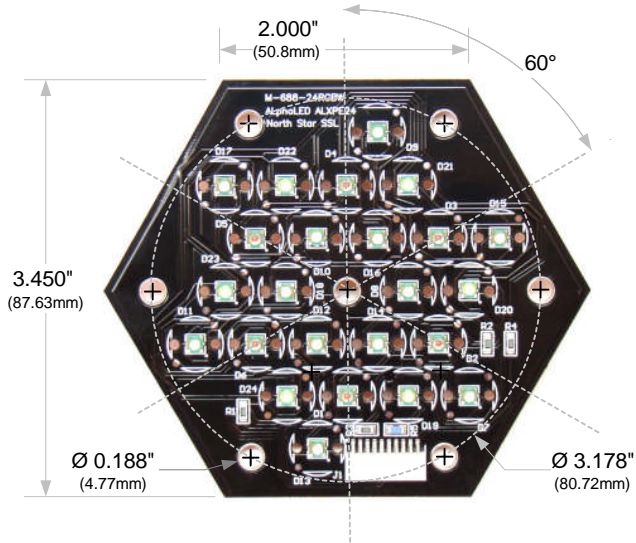


ALXPE24 Light Engine by NORTH STAR SSL®



ALXPE24 AlphaLED Light Engine is capable of delivering millions of color along with pure white. The ALXPE24 features 6 each CREE® R,G,B XP-E and 6 White CREE® XP-G emitters with various optical choices. It's superior Copper Metal Core PCB is also optimized with extended thermal traces to obtain maximum thermal transfer. This allows excellent thermal management design to maximize LED life and performance.

ALXPE24 Specifications*

Light Source	Red 6 Pcs. XP-E	Green 6 Pcs. XP-E	Blue 6 Pcs. XP-E	Cool White 6 Pcs. XP-G
Light Output (@ 65°C)	DWL: 620-630nm	DWL: 520-535nm	DWL: 465-485	CT: 5000K CRI: 75
	273lm at 350mA	483lm at 350mA	183lm at 350mA	834lm at 350mA
Max. Drive Current	700mA	1000mA	1000mA	1500mA
Forward Voltage	~12.6V Nominal	~20.4V Nominal	~19.8V Nominal	~19.8V Nominal
Max. Power	8.8 Watt	20.4 Watt	19.8 Watt	29.7 Watt
Thermal Resistance				
Optics: 10mm OD	Narrow 16 Deg.	Medium 24 Deg.	Wide 40 Deg.	Elliptical
	OPG-N16	OPG-M24	OPG-W40	OPG-SEL
Mounting	0.156" (3.96mm) ID, 3 Locations			
Connection	On Board Molex Connector P#: 87438. Wire harness with 10 Conductor			
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.