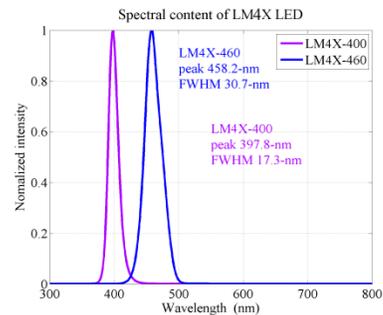
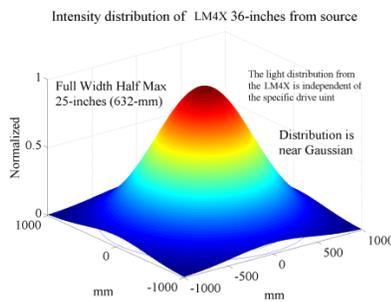
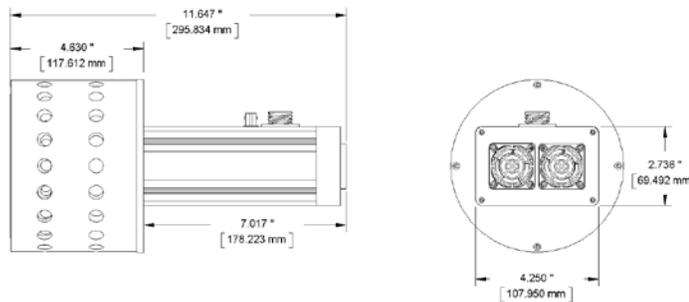


LM4X-DMHP LED Light Source

(Product ID: LM4X-DMHP-400, LM4X-DMHP-460)

The LM4X-DMHP is a 4-inch, air-cooled LED light source. The LM4X series of light sources offer uniform, stable with excellent output power. The LM4X-DMHP has been designed for lifetime based PSP and TSP systems. The LED's are driven beyond spec to increase the light output, however, the duty cycle is restricted to 5%. The operation of the LM4X-DMHP is controlled by setting the voltage to an external BNC on the lamp housing and the rise and fall time is less than 500-ns. These units supercede the LM2X-DMHP LED systems as they offer a 3X increase in power, 5X faster rise and fall times for pulsed operation, and increased temperature range of operation.



SPECIFICATIONS

Optical Power	3.0 W
Input	36V === 5A
Stability	~0.2 % per hour after warmup
Wavelength	400-nm, 460-nm
Rise time (10% - 90%)	< 500 ns
Fall time (90% - 10%)	< 500 ns
Maximum Duty Cycle	5%
Operating Temperature	-10°C to 60°C
FWHM	+/- 18-nm
ECCN	EAR99

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