

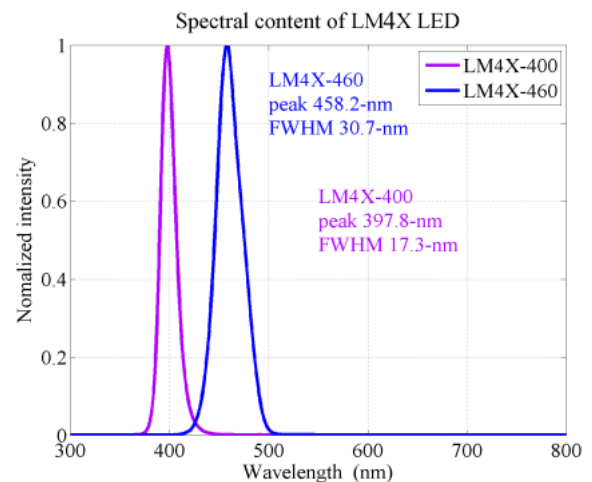
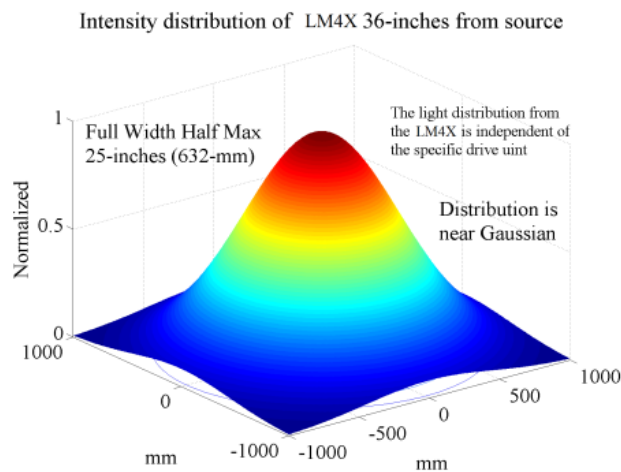
Continuous 4-inch Air-Cooled LED Light Source

(Product ID: LM4X-DM-XXX)

The continuous 4-inch, air-cooled LEDs offer uniform, stable illumination with excellent output power. The unit operates continuously or in long-pulse mode, designed for radiometric systems using the continuous/long-pulse driver (module for radiometric). The operation mode is set using an external toggle switch. In long-pulsed mode, the pulse width and frequency are set by sending an external TTL signal to the BNC trigger input. The duty cycle may be set from 0% to 100%. The 4-inch LED offers a 3-4X increase in power over the continuous 2-inch, air-cooled LED, 5X faster rise and fall times for pulsed operation, and increased temperature range of operation. The units are available in standard wavelengths of 400-nm and 460-nm, however, other wavelengths are available upon request.



Ordering information: LM4X-DM-XXX (LED head with DC/long pulse driver -XXX denotes wavelength)



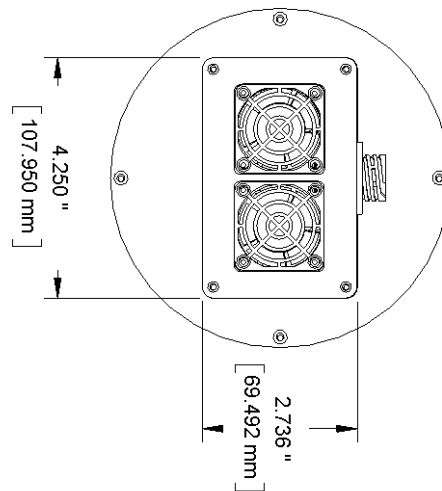
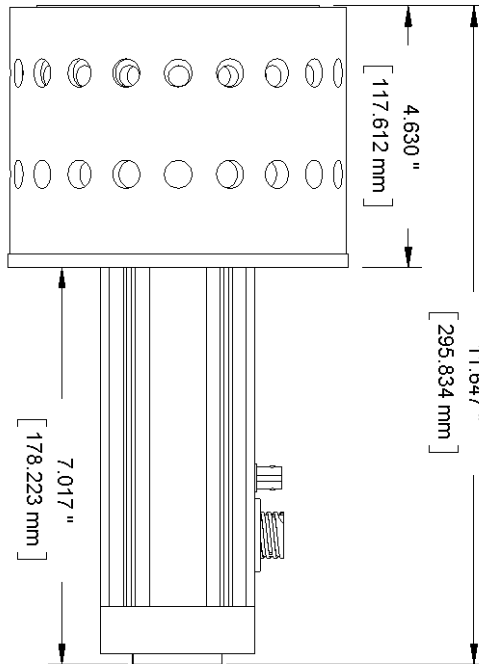
SPECIFICATIONS

Optical Power	12-14 W
Input	24V --- 8A
Stability	~0.2 % per hour after warmup
Wavelength	400-nm, 460-nm
Rise time (10% - 90%)	< 100 μ s
Fall time (90% - 10%)	< 100 μ s
Maximum Duty Cycle	100%
Operating Temperature	-10°C to 60°C
FWHM	+/- 18-nm
ECCN	EAR99

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LM4X-DM-XXX