

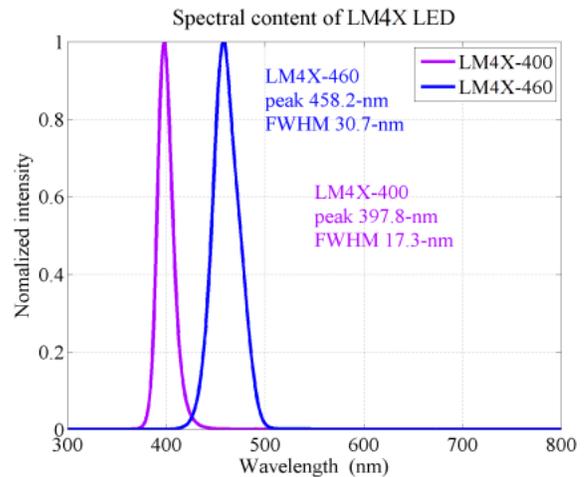
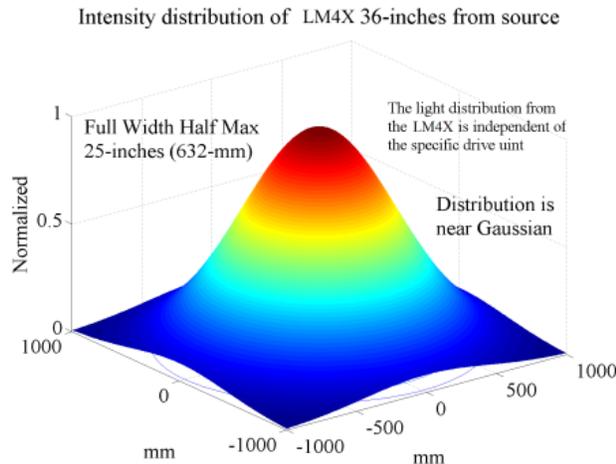
# Continuous 4-inch Air-Cooled LED Light Source

(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.

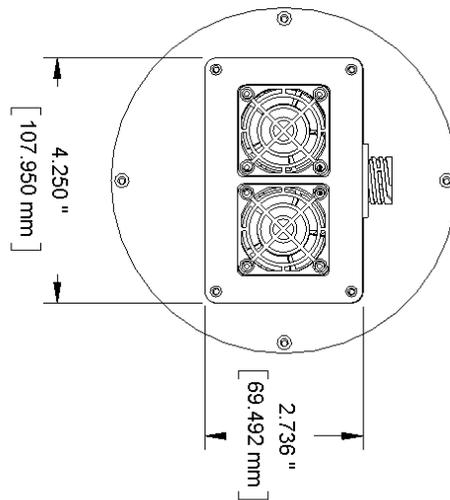
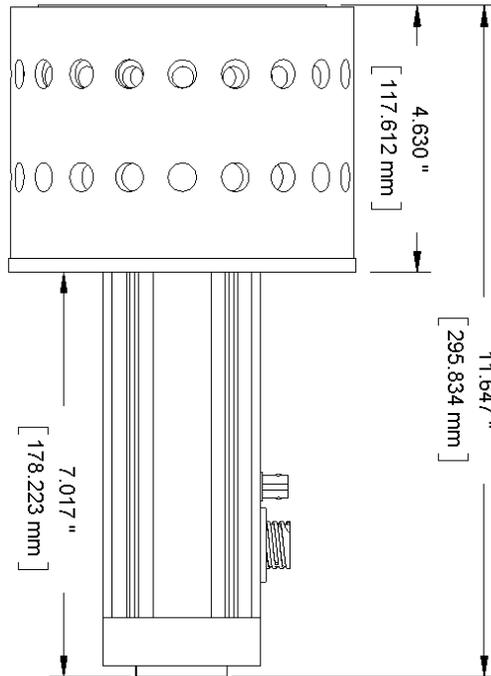


**Ordering information:** LM4X-DM-XXX (LED head with DC/long pulse driver –XXX denotes wavelength)



## SPECIFICATIONS

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



**LM4X-DM-XXX**

Innovative Scientific Solutions, Inc.  
 7610 McEwen Road, Dayton, OH 45459  
 Phone (937) 630-3012 Fax (937) 630-3015

email: [issi-sales@innssi.com](mailto:issi-sales@innssi.com)  
 web: [www.psp-tsp.com](http://www.psp-tsp.com)

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