



INNOVATION SERIES

Linear LED Light Modules



Overview

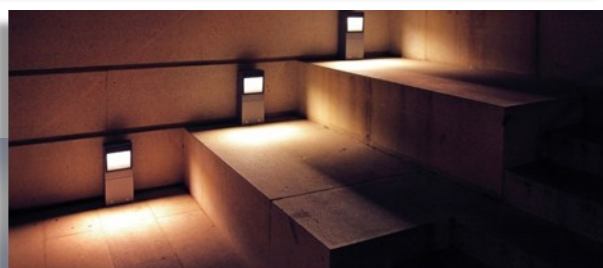
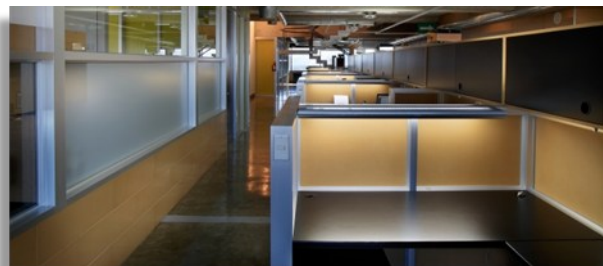
Heatron's Innovation Series LED Modules provide luminaire manufacturers with the key components needed to move LED lighting projects from concept to production. The LED modules were built for design engineers looking for an easy way to prototype new fixture designs. An off-the-shelf platform, these modules move seamlessly from prototype to final design. Innovation Modules are centered on Cree XPG and XTE LEDs. Custom configurations are available for OEM's who prefer other LED packages, flux bins, color temperatures or CRI.

Linear Innovation Series LED Modules are available in three sizes with two, three, or six LED arrays.

Also see our Round Innovation Series LED Modules, available in three versions with three or seven LED arrays.

Innovation Series modules come with easy-to-use connectors, enabling quick prototyping of various light engines.

*Transforming Your Vision
into Higher Performance Solutions*



Linear LED Light Modules

Key Features

- Luminous efficacy of up to 78 lm/W
- Available in 3000 K
- CRI 80
- Peel and stick thermal interface for easy integration into OEM light fixtures
- Environmentally green: Mercury and UV Free
- 5 year warranty

Fixture Types

- Sconce
- Linear
- Accent
- Step
- Cove
- Under cabinet task

Optical Characteristics Tj = 85°C							
Part Number		Lumen ⁽¹⁾ Values If @ 700 mA		Lumen ⁽¹⁾ Values If @1.5A	Color Temperature (Kelvin)	CRI Minimum	
JDHT-LMC02-XPG-WW-094		300		530	3000	80	
JDHT-LMC03-XPG-WW-094		450		810	3000	80	
JDHT-LMC06-XPG-WW-094		900		1600	3000	80	
JDHT-LMC02-XTE-WW-094		320		550	3000	80	
JDHT-LMC03-XTE-WW-094		500		860	3000	80	
JDHT-LMC06-XTE-WW-094		1000		1700	3000	80	
¹ Values are nominal. Flux values measured without optics.							
Electrical Characteristics Tj = 85°C							
Part Number		Vf		Forward Current		Input Power	
		Nominal	Max	Nominal	Max	Nominal	Max
JDHT-LMC02-XPG-WW-094		5.8 V	6.2 V	700 mA	1.5 A	4.0 W	9.2 W
JDHT-LMC03-XPG-WW-094		8.65 V	9.24 V	700 mA	1.5 A	6.0 W	13.9 W
JDHT-LMC06-XPG-WW-094		17.3 V	18.5 V	700 mA	1.5 A	12.1 W	27.7 W
JDHT-LMC02-XTE-WW-094		6.1 V	6.8 V	700 mA	1.5 A	4.3 W	10.1 W
JDHT-LMC03-XTE-WW-094		9.14 V	10.12 V	700 mA	1.5 A	6.4 W	15.2 W
JDHT-LMC06-XTE-WW-094		18.3 V	20.3 V	700 mA	1.5 A	12.8 W	30.4 W
Ordering Information							
Example: JDHT-LMC02-XPG-WW-094							
Internal	Series	LED Quantity	LED	Color Temperature	Min. Flux Bin	Optics C_B	
JDHT	LMC	02 03 06	XTE XPG	WW = 3000	094	Blank = no optics N = Narrow 10° M = Medium 30° W = Wide 40°	

Contact Heatron LED Integration for alternative Innovations Series product configurations in LEDs, flux, CCT and CRI

Linear LED Light Modules

Linear 2 LED Array



Linear 3 LED Array

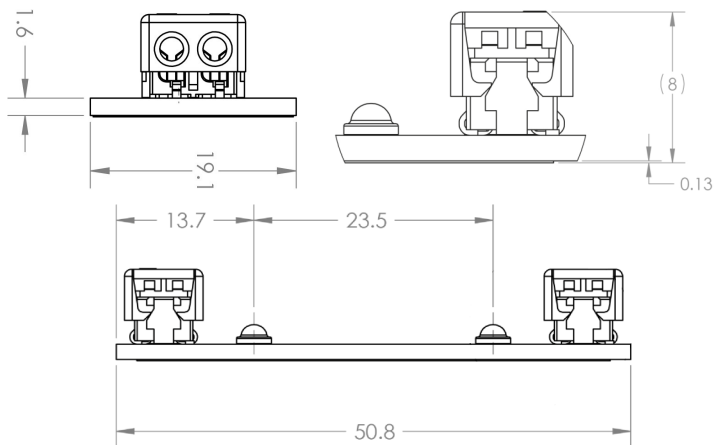


Linear 6 LED Array

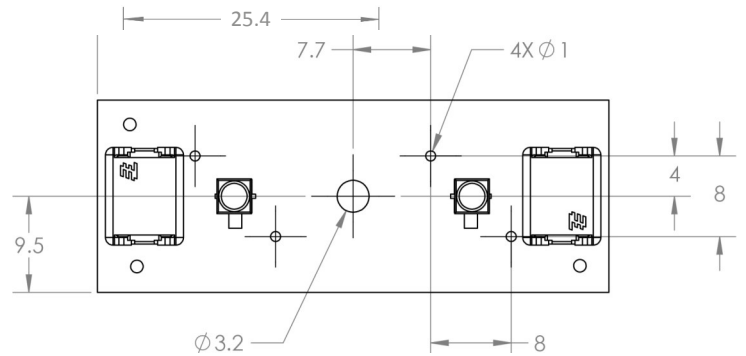


Dimensions

All Linear LED Array Dimensions: Width & Height

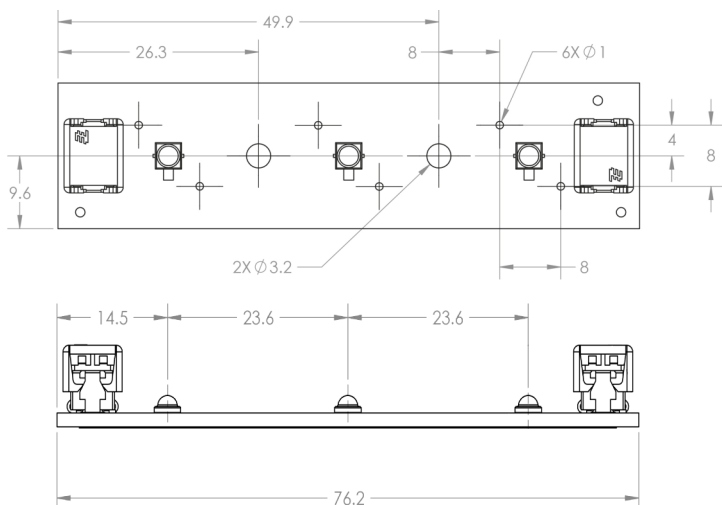


Linear 2 LED Array Dimensions: Length & Positioning

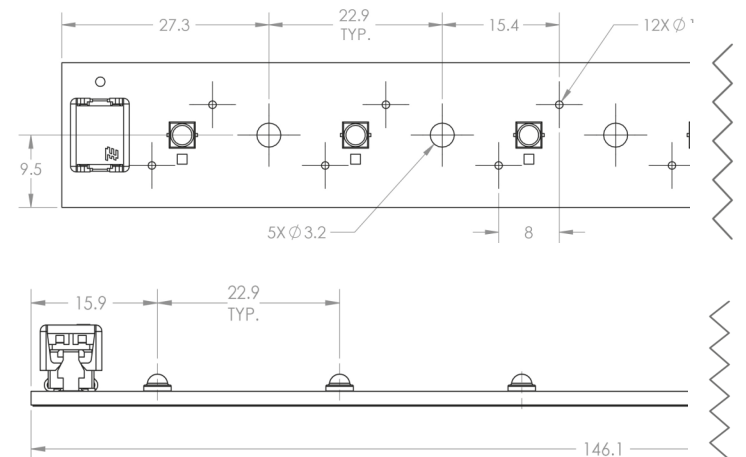


Dimensions

Linear 3 LED Array Dimensions: Length & Positioning

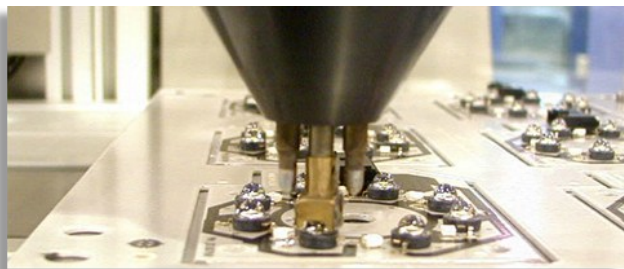


Linear 6 LED Array Dimensions: Length & Positioning



All dimensions are in millimeters.

Innovation Series LED Modules are high output arrays; use with constant current driver and heat sink capable of dissipating 10 Watts for Linear 2 LED Arrays, 15 Watts for Linear 3 LED Array and 30 Watts for Linear 6 LED Array. Contact Heatron for list of compatible LED drivers.



About Heatron LED Integration

Heatron LED Integration helps OEMs reduce costs, speed time to market and ensure superior quality and performance. Heatron LED Integration leverages the engineering disciplines of optical, electrical and mechanical design, with expertise in thermal management.

Offering various levels of integration ranging from design and manufacture of component level LED light engines to turnkey lighting solutions, Heatron designs for a broad range of uses, including indoor, outdoor, commercial, industrial, healthcare and transportation lighting applications.

Heatron, Inc. – *Transforming Your Vision into Higher Performance Solutions.*
For more information about Heatron LED Integration, its products, services and manufacturing, visit www.heatron.com

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