INNOVATION SERIES
Round LED Light Modules
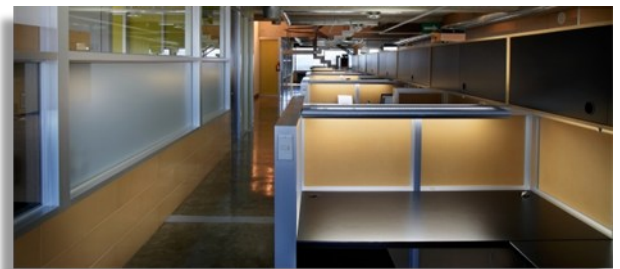
Overview

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.

Round Innovation Series LED Modules are available in three versions with three or seven LED arrays.

Also see our Linear Innovation Series LED Modules, available in three sizes with two, three, or six 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

Round 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

- Accent
- Sconce
- Track
- Spot

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-RMC03-XPG-WW-094	450	810	3000	80
JDHT-RMC07-XPG-WW-094-1	1050	1890	3000	80
JDHT-RMC07-XPG-WW-094	1050	1890	3000	80
JDHT-RMC03-XTE-WW-094	500	860	3000	80
JDHT-RMC07-XTE-WW-094-1	1170	2025	3000	80
JDHT-RMC07-XTE-WW-094	1170	2025	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-RMC03-XPG-WW-094	8.65 V	9.24 V	700 mA	1.5 A	6.0 W	13.9 W
JDHT-RMC07-XPG-WW-094-1	20.2 V	21.6 V	700 mA	1.5 A	14.1 W	32.4 W
JDHT-RMC07-XPG-WW-094	20.2 V	21.6 V	700 mA	1.5 A	14.1 W	32.4 W
JDHT-RMC03-XTE-WW-094	9.14 V	10.12 V	700 mA	1.5 A	6.4 W	15.2 W
JDHT-RMC07-XTE-WW-094-1	21.3 V	23.6 V	700 mA	1.5 A	14.9 W	35.4 W
JDHT-RMC07-XTE-WW-094	21.3 V	23.6 V	700 mA	1.5 A	14.9 W	35.4 W

Ordering Information						
Example: JDHT-LMC02-XPG-WW-094						
Internal	Series	LED Quantity	LED	Color Temperature	Min. Flux Bin	Optics K_B
JDHT	RMC	03 07	XTE XPG	WW = 3000	094	Blank = no optics N = Narrow 10° M = Medium 25° W = Wide 40°

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

Round LED Light Modules
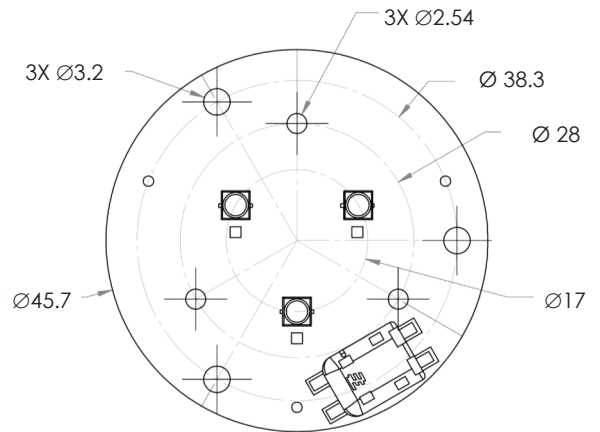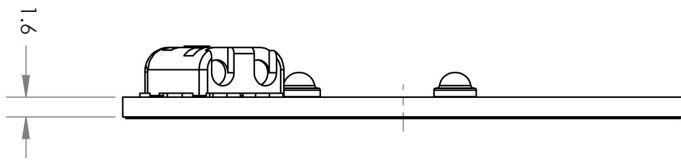
Round 3 LED Array

Round 7 Mini LED Array

Round 7 LED Array

Dimensions

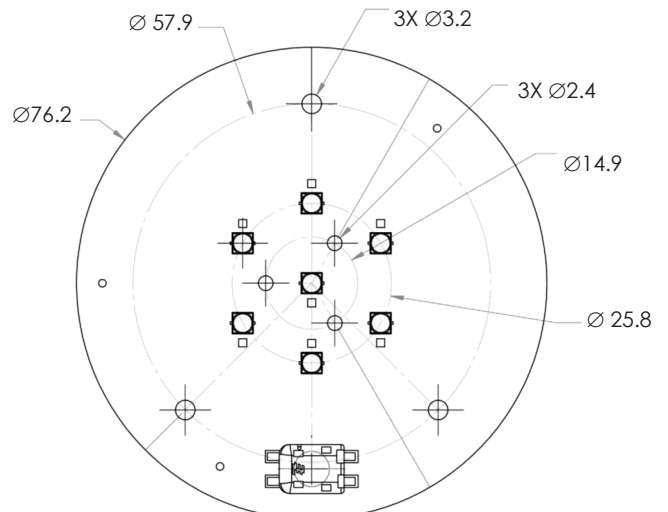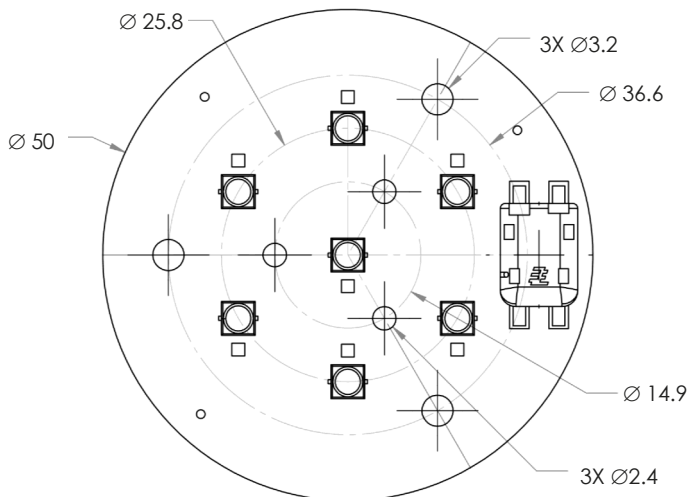### All Round Array Dimensions: Board Height

Round 3 LED Array

Dimensions

Round 7 LED Mini Array

Round 7 LED Array

All dimensions are in millimeters.
Innovations Series LED Modules are high output arrays; use with constant current driver and heat sink capable of dissipating 15 Watts for Round 3 LED Arrays, 33 Watts for Round 7 LED Mini Array and 36 Watts for Round 7 LED Array. Contact Heatron for list of compatible LED drivers.

Linear Innovation Series LED Modules

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 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 LED lighting solutions, Heatron designs for a broad range of uses, including indoor, outdoor, commercial, industrial, healthcare and transportation.

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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