



# TRINITY

# FACT SHEET

## LED North America Thermal Foam High Bay Luminaire

The Trinity luminaire is the smallest, lightest, and brightest passively cooled commercial high bay lighting solution available. Employing our exclusive licensed graphite foam technology, we have been able to design this luminaire to deliver superior thermal management without the traditional heavy aluminum heat sinks used by other manufacturers. This allows us to eliminate most of the weight and downsize internal components. The heart of the luminaire is our patented-pending LED module. This module is comprised of a small LED board populated with 28 High Power Cree XML LEDs, our graphite foam, and a flared pinned heat sink. The weight of this module is less than 6 pounds, yet delivers an astounding 10,800+ target lumens. Based on customer requirement, we can customize this fixture with 1, 2 or 3 modules.



Single Module

- Graphite Foam extended component life
- Customized optics
- Intelligent Control options
  - Motion Sensor
  - Dimmable
  - Zone functionality
- Wide operation temperature range (-30°C to +50°C) suitable for all ambient conditions

### Product Features

Lumen Output	10,866 lumens
Input Power (Watts)	122 watts
Efficacy (lm/w)	89 lm/w
Color Temperature (CCT)	5582 K
Color Rendering Index (CRI)	69
Dimensions	5" x 5" x 7"
Voltage Input	100-277 Vac
Beam Angle	23°/56°/71°
Weight	6 pounds
Warranty	5 years
Certification	ETL, UL8750
Environment	Damp location rated

This luminaire is a new product being developed by LED North America, as such, all data contained in this fact sheet is preliminary in nature and could change upon product development. This product is fully made/assembled in the USA.



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