

120V Series High Voltage LED Modules

Indoor Industrial Injection Module



OVERVIEW	
Lumen Output Range	150 - 350 Lumens
Wattage Range	1.5W - 3W
Viewing Angle Weight	110 degrees
Weight lbs (kg)	2 lb. per bag

QUICK LINKS

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[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- ABS + PCB housing for maximum durability and reliability.
- Cable : UL, 24AWG 600V/105°C
- Type: Module String
- 2-2.5" approx of flexible wire between each module
- LEDs per Segment: 3
- Max in Series - 100 modules
- Lens- Supplied with protective clear plastic lens.
- IP68 rated luminaire protects integral components from harsh environments.
- Lightweight 10g (< 0.03 lb. per module).
- Shipping weight: 2 lbs / 0.91 kg in a bag

Optical System

- Premium engineered IP68 rated acrylic optic assemblies deliver upto 350 lumens.
- LED Type - 2835 SMD
- Zero uplight - Wide beam angle for even light dispersal, even in shallow channel letters.
- Available in 6000K, Red, Green, Blue color temperatures

Installation

- Easy Installation, New or Retrofit - Mounts with waterproof and durable 3M™ adhesive backing.
- Aimable - Fixture adjusts from 0° to 180° to put the light where you want it.

Electrical

- Forward Voltage (110-277 VAC High Voltage) Input 50/60 Hz.
- Operating temperature: -25~+60 °C (-13~+140 °F)
- Integrated connection system makes it simple to create continuous lines of LED lighting. The fixtures can be connected directly together or spaced apart as needed, using the optional jumper cables.
- Use appropriately sized 2-conductor to minimize voltage drop on long feeds from power.

Warranty

- Modules carry a 1-year limited warranty. Complete warranty terms are located on our website.

Listings

- Listed to UL.
- Suitable for wet Locations.
- IP68 rated Luminaire per.
- ROHS compliant
- FCC-compliant

120V Series LED Modules

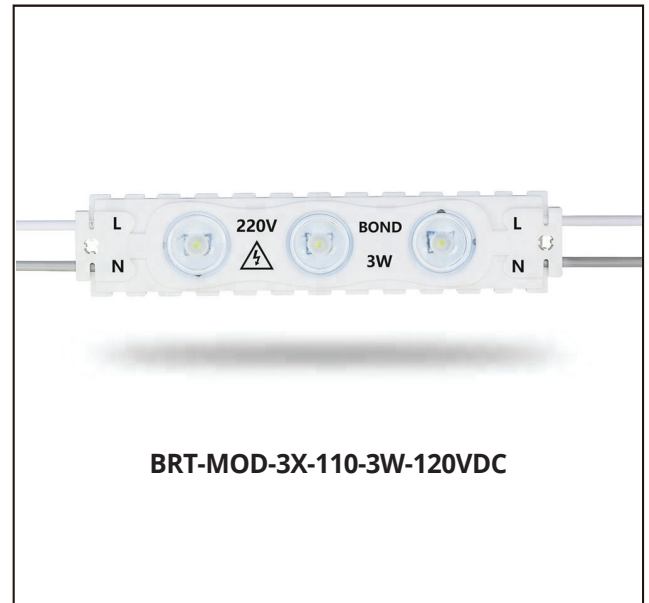
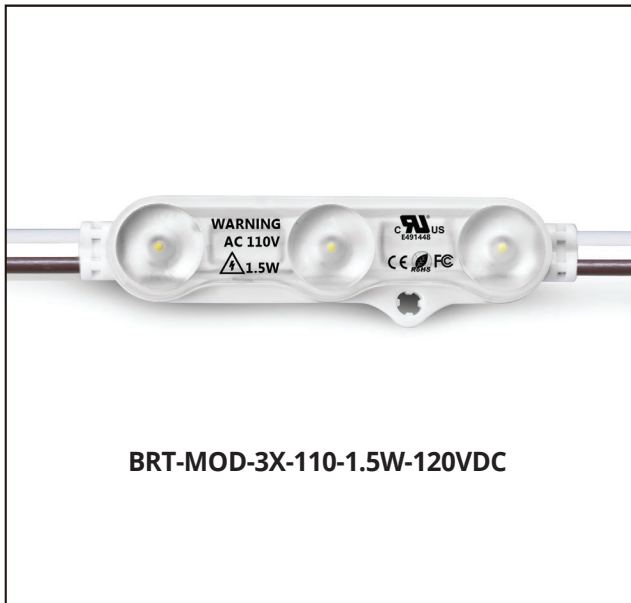
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ORDERING GUIDE

 TYPICAL ORDER EXAMPLE: **BRT MOD 3X 110 1.5W 120VDC 60K**

Luminaire Prefix	Light Source	Model	Power Dissipation	Luminous Flux	Color Temp
BRT-MOD	LED	3X-110 - Single Color	1.5W	150 Lumens	60K - 6000K GR - Green R - Red BL - Blue
			3W	350 Lumens	60K - 6000K

Voltage	Viewing Angle	Finish	Package Quantity	Package Dimension & Weight
120VDC- Forward Voltage 110V 220 VAC High Voltage	110 Degree	(OMIT)-Standard White Option- Custom Color	100 pcs. per string	52 x 37 x 26 inches 20kg / 44lbs per carton)



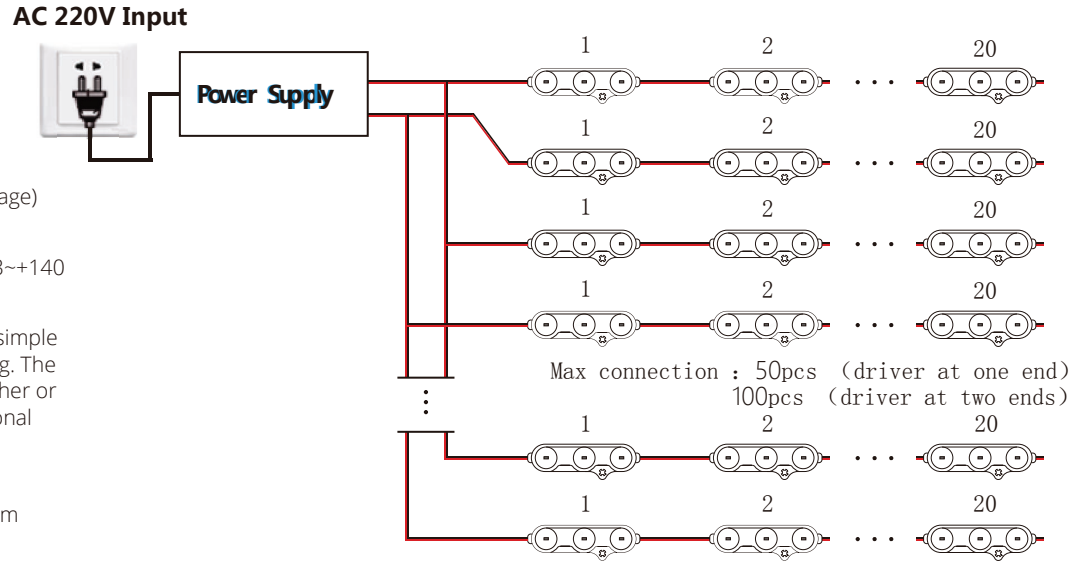
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CONNECTION DIAGRAM

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Wiring

- Forward Voltage (110-277 VAC Low Voltage)
Input 50/60 Hz.
- Operating temperature: -25~+60 °C (-13~+140 °F)
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The number of standard modules per string can reach to 50pcs

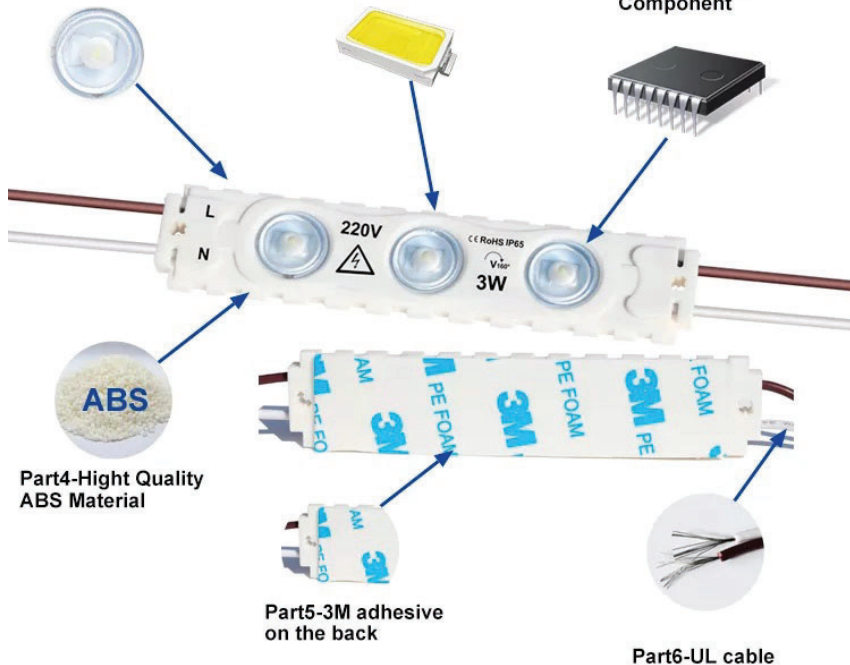
Part1-LAMP

160Degree lens wide beam angle Overmolded housing design with 160 degree lens, wide beam angle, nice and upscale.

Part2-Hight luminous efficacy

Hight light effective.No light decay after working 50000 hours

Part3-Hight Quality Electronic Component



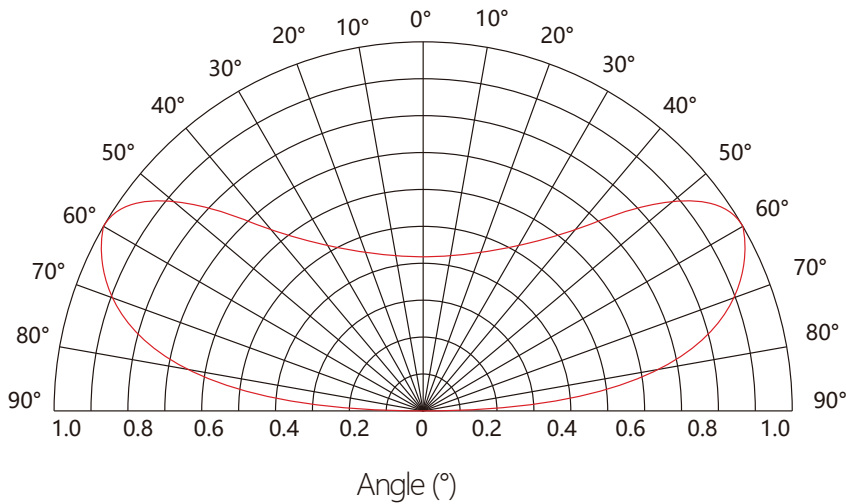
PHOTOMETRICS

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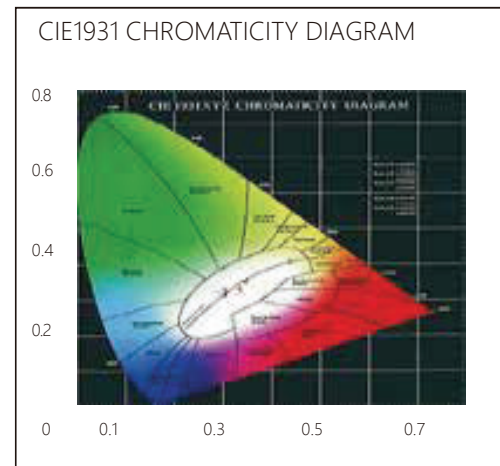
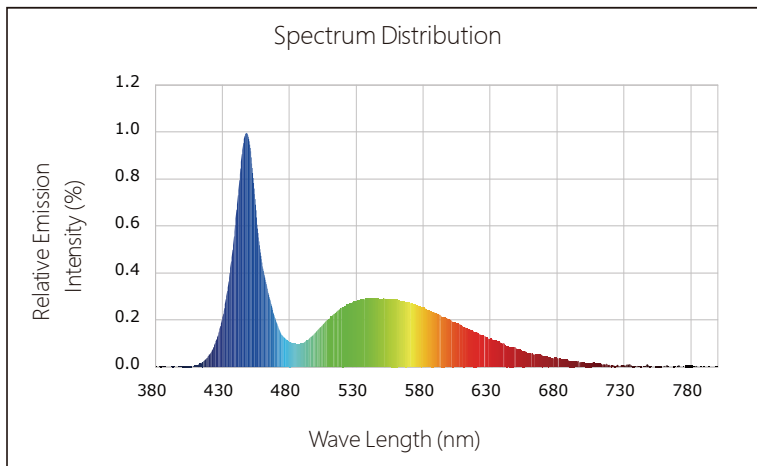
Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

LUMINAIRE DATA

Luminous Intensity Distribution Curve



CIE Colorimetric Parameters



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PRODUCT DIMENSIONS

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