

8:12 Illumination LED Product Line



Low-Watt, High-Efficiency LED Lighting

Long-lasting, energy-
saving lighting for mobile
applications

Cost-saving LED lighting that is easy to move and perfect for year-round use.

Our 200, 400 and 800 Watt LED Light Balloons are so efficient, you get longer life with an impressively low amp draw. Plus, the compact, easy-to-move design makes setup simple, so you save money, energy and time!

The efficiency of our LED technology puts all lighting to shame. Pulling an approximate 1 amp per 100 watts of power, it out-performs all other lighting.

Our glare-free, non-blinding LED balloon lights have been designed to withstand the harshest of work environments. The LED's are rated at 120,000 hours which helps our customers cut down on maintenance and labor costs.

All 8:12 Illumination light balloons feature a unique modular design for field replacement, not product replacement. This drastically cuts long-term costs and boosts productivity.



www.812illumination.com



Outstanding Features

- For use with a small generator, for example two 400 watt LED's are able to run off a 1kW generator
- Wattage per lumen of light output can't be matched by any other light on the market
- Instant restrike, extremely mobile, and can be powered by 110 - 277; this ensures our lights are compatible with virtually all world-wide electrical outputs
- Energy-efficient and eco-friendly
- The LED technology we utilize is rated for 120,000 hours of life
- Can be powered by an inverter instead of a generator because of its low amp draw
- Because of the low amp draw, our LED light balloons can easily be powered off a small solar panel or battery pack for remote locations where generators aren't available or feasible
- Can be attached to a small generator on a roll cart for easy mobility, great for flagger stations or anywhere diffused lighting needs to be mobile
- Our balloon design allows for the extremely bright and directed LED cell's light to be filtered and diffused so that it is easy on the eyes and safe to work around
- Ideal for year-round use, even in extreme conditions: weather-resistant, waterproof, UV-resistant, and fire-retardant balloon

200 WATT LED

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
56.0 fc	41.8 fc	26.2 fc	18.0 fc	4.4 fc	1.4 fc

* Light is up at 10 ft.
All measurements in Foot Candles.

Lighting Data

Maximum Lighted Area	14,000 ft squared
Maximum Lumens	24,000
Light Under Unit at 10 ft	56.0 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	4 x 50 watt
Maximum Power	200 watt
Average Lamp Life	120,000 hours
Voltage Available	110V - 277V
AMP Pull	2.5

400 WATT LED

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
98.0 fc	48.6 fc	38 fc	22.5 fc	6.3 fc	2.1 fc

* Light is up at 10 ft.
All measurements in Foot Candles.

Lighting Data

Maximum Lighted Area	25,000 ft squared
Maximum Lumens	48,000
Light Under Unit at 00 ft	98.0 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	4 x 100 watt
Maximum Power	400 watt
Average Lamp Life	120,000 hours
Voltage Available	110V - 277V
AMP Pull	5

800 WATT LED

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
145 fc	82 fc	49 fc	28.7 fc	8.6 fc	3.5 fc

* Light is up at 10 ft.
All measurements in Foot Candles.

Lighting Data

Maximum Lumens	84,000
Light Under Unit at 10 ft	145 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	8 x 100 watt
Maximum Power	800 watt
Average Lamp Life	120,000 hours
Voltage Available	110V / 220V
AMP Pull	7

Machine Mount

For those interested in mounting a glare-free light to their machinery, we offer a custom mounting system. It is designed to bolt to the deck near the machine operator or to any vertical side of the equipment. The bracket also comes with a 13' telescoping mast so that our customers can place the light at their desired height. This option is ideal for Asphalt and Concrete Pavers, Emergency Response Vehicles, and Utility Trucks. We can provide a mounting arm and bracket at the request of the customer.

Tripod Mount

Our tripod mounts are designed for quick and easy set up as well as portability. Each light is interchangeable between machine and tripod mount, giving the customer the ability to save money through mobility. This option would be ideal for flagger stations as well as demolition and construction sites. We designed and manufactured our tripod to be ideal for any job site. It ranges from 5' to 14' in height and higher as requested. The mast is electrically nonconductive to ensure optimum safety for all those working in the area.





14' Crank Tripod

- ☀ Minimum to maximum height range: 68.9" to 158"/175cm to 400cm
- ☀ Base spread diameter: 45.3" to 66.1"/115cm to 168cm
- ☀ Center tube diameter: 1-3/8"/35mm
- ☀ Folded Height: 68.8"/135cm
- ☀ Weight: 55.5lbs/25kg

10' Aluminum Tripod

- ☀ Minimum to maximum height range: 5.8' to 9.8'
- ☀ Base spread diameter: 44"
- ☀ Center tube diameter: 1.375"
- ☀ Folded Height: 60"
- ☀ Weight: 24lbs



13' Pyramid Base

- ☀ 13' Manual Fiberglass Mast
- ☀ 22" x 22" Base
- ☀ Cuts down on trip points
- ☀ Can be filled with up to 100lbs of sand
- ☀ Good for windy conditions





Low-Watt, Battery Operated LED Lighting

Long-lasting, energy-saving lighting for mobile applications

Fully Mobile LED Battery Pack

Our all-in-one battery pack light is truly a one of a kind product. The 200-Watt LED balloon light, 9' of clip together mast, and battery all fit inside the box. This allows users to have significant amounts of work light anywhere they need it without the need for auxiliary power.

The 200-Watt LED pulls just 2.5 amps so it allows the battery to power the light for 6 hours on 24,000 lumen setting and 10 hours on 12,000 lumen setting.

The 200-Watt LED emits glare-free, non-blinding light that can easily light up an entire intersection for applications such as traffic control.

NIGHTSHIFT BATTERY PACK DATA

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
56.0 fc	41.8 fc	26.2 fc	18.0 fc	4.4 fc	1.4 fc

* Light is up at 10 ft.

All measurements in Foot Candles.

Lighting Data

Maximum Lighted Area	14,000 ft squared
Maximum Lumens	24,000
Light Under Unit at 10 ft	56.0 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	4 x 50 watt
Maximum Power	200 watt
Average Lamp Life	120,000 hours
Voltage Available	110V
AMP Pull	2.5

Battery Data

Run Time	6 hrs on high / 10 hrs on low
Voltage	12V
Mast Height	9 ft
Battery Type	Lead Acid
Total Weight	120 lbs
Re-charge Time	8 - 10 hrs

Mobile Applications

- ☀ Emergency Services
- ☀ Police Checkpoints
- ☀ DUI Checkpoints
- ☀ Mobile Repair
- ☀ Road Construction
- ☀ And many more!

