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- POWERMOON® FIBERJACK® TRIPODS
- POWERMOON® SLIDER MINI-LIGHT-TOWER
- TRUCK HITCH & POLES

**Gallery:**
- Paving / Construction
- Police / EMS / Firerescue
- Event / Festival / Leisure
- Sport

Dimensions and weights, choice of materials and technical specifications may vary in the context of innovation and progress. Printing and typing errors reserved.
For 25 years and counting, POWERMOON’s company name has been synonymous with durability, reliability, craftsmanship and precision.

Advantages of POWERMOON® LED technology

**Patented ‘Umbrella Style’ Technology**
POWERMOON® balloon lights are robust and durable! This technology guarantees that the balloon can't accidentally collapse, such as gas filled or air inflated balloons.

**More And Better Lighting**
A balloon light is glare free, shadow reduced and spreads light in a 360° circle without any dark spots.

**High Portability**
A POWERMOON® lighting balloon is small in storage and easy to set up within seconds. 2 POWERMOON® fit in a trunk of a small sedan car, but they are equivalent to a conventional light tower.

**POWERMOON® Quality**
Top of the line LED technology and the most durable materials for the harshest working conditions

**German Engineering**
POWERMOON® lighting balloons are Made In Germany

**Safety**
Daylight conditions at night wherever needed! Safe and efficient teamwork guaranteed!
Flawless Light Quality
Just about any kind of light can be bright, but only POWERMOON® balloon lights cast natural, bright, daylight-quality light in a perfect 360-degree circle. The design of the balloon guards against glare and eliminates dark spots. The result is a safer, more efficient work environment for your entire team, passersby or even in residential areas and neighborhoods.

Portable And Easy To Use Anywhere
Good construction lights and good work lights need to be set up and put down easily. And really great construction lights can be mounted on any machine and any set up. POWERMOON® LED construction light balloons are up to these standards. Our lights can be packed up and set up again within mere seconds. In fact 10-12 complete light sets can easily be loaded onto one pick up truck to light long stretches of highway.

Tough As Nails And Weather Resistant
Whether you are in heavy or light construction, it is not just about the light quality. Construction workers are required to be able to work under the toughest conditions: Hot asphalt, stones, sand and gravel, no matter how necessary, might be in the way. These materials interfere with your tools, not always in a positive way. Hot asphalt sticks to surfaces, stones cut in to fabric etc. On top a huge variety of weather conditions like rain and fog, brutal sunshine and cold nights have an impact not only on you but also on the tools. Naturally the equipment which contractors count on needs to be able to operate under those conditions.

POWERMOON® LED balloon lights are built to withstand those impacts and to withstand mother nature. In fact our lights don’t just use any other companies LED light bar like so many other lights! We design and manufacture our LED systems in house. We only use the highest quality of LED diodes and mount them on our very own specialized cooling and operating solutions which will satisfy the high standards we and our customers require. We also use only high end materials and components on the balloon light design itself and have developed the most reliable open close system with our ‘umbrella style technology’ (no air pressure involved) to make sure: Our lights will stand tough work and harshest weather conditions.

POWERMOON®, We Have Your Lighting Needs Covered
When you are in construction, your safety and the integrity of your work are vitally important, so you don’t want to trust just any lighting company with your needs. That is why the world’s biggest, most successful construction companies make POWERMOON® their first choice. While we are very proud of that trust, it also reminds us to constantly strive for improving and updating our technology and our service.

Further LED advantages:
• No frequency flickering
• No bulb breakage
• No cool down time
• Instant on/off
• Long service life of the LED cells
  > 50,000 hours (OEM data)
  exp. avg. 20,000 hours
• Resistant to vibration and shock

POWERMOON® worklights are bright but diffuse the light and get rid of all glare. The result is clear vision with plenty of light all around, 360°. No eye fatigue and perfect communication.
The POWERMOON® SL
is the entry-level model of the POWERMOON® series

„SL“ stands for: super light, 48,000 lumen bright
„SL“ stands for: super light, only 20lbs

Thanks to innovative POWERMOON® balloon light technology!
- Glare free Light
- Instant On/Off Technology
- Fast Lock „Pull-Down“ solution
- Protection Type IP54, thus rain and weather proof (Continuous use)
- Bottom Cover out of Spinnaker-Nylon
- Made entirely in fiberglass, corrosion-free stainless steel and aluminum
- New LED technology without power supply – Plug in and ready!
- Vibration resistant by LED technology
- Patented spring mechanism system
- No more Cool-down time
- Wind resistant up to 60mph
- No flickering of the light
- Spring loaded opening mechanism
- Hanging loop
- IP44 durable nylon top
- Soft padded carrying case

THE POWERMOON® SL 2000
LED Package Deal
SL2000 & small aluminum tripod
up to 10ft & tie down set
all in a compact practical
double case

As bright as 2000W tungsten halogen!
But only requires 320W!

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SL2000 & small aluminum tripod
up to 10ft & tie down set
all in a compact practical
double case

As bright as 2000W tungsten halogen!
But only requires 320W!
The POWERMOON® LEDMOON® AC/120V Balloon lights work without an additional power supply. Just plug it in and light it up!

Thanks to innovative POWERMOON® balloon light technology!
• Glare free light
• Powermoon® wind-resistant up to 60mph
• Patented, robust spring-screen mechanism
• With new, fast lock-in „Pull-Down“ solution
• Manufactured completely from anti-corrosion stainless steel and aluminum
• Bottom diffusion cover made of glare free spinnaker nylon with great light transmission
• Reflector-cover made from robust, durable fiberglass / aramide woven material
• IP54 protected, rain and water resistant (permanent outside use)

Thanks to LED technology!
• No frequency flickering
• No bulb breakage
• No cool down time
• Instant on/off
• Resistant to vibration and shock
• New LED technology without power-pack - plug in ready
• Ballast is no longer necessary - 22lbs lighter than previous model

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**POWERMOON® LEDMOON® 600**
- Wattage: 600W
- Voltage: 120V / 50-60Hz
- Current: 5A / 120V
- Type of protection: IP 54
- Light amount: ca. 75,000 Lumen
- Light color: 5500K, daylight quality, CRI >80
- Balloon weight: 23.6lbs
- Balloon dimensions: D=35.5” H=23.5”
- Transport packaging: L=45” x D=10”
- min. Generator W: 1000 Watt

**POWERMOON® LEDMOON® 1000**
- Wattage: 1000W
- Voltage: 120V / 50-60Hz
- Current: 9A / 120V
- Type of protection: IP 54
- Light amount: ca. 110,000 Lumen
- Light color: 5500K, daylight quality, CRI >80
- Balloon weight: 30lbs
- Balloon dimensions: D=35.5” H=23.5”
- Transport packaging: L=45” x D=10”
- min. Generator W: 1500 Watt

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Our Trademark „LEDMOON“ always stands for a 120V unit which is plug in ready!
POWERMOON® PAVERMOON® is the new best possible light solution for any paving or construction machine. The POWERMOON® PAVERMOON® with around 85,000 lumens comes with 6 independent drivers which makes the light fail proof against fluctuating current and corrects the flow of voltage.

AS BRIGHT AS 3000W TUNGSTEN HALOGEN!

POWERMOON® balloon light technology!
- Glare free light
- Powermoon® wind-resistant up to 60mph
- Patented, robust spring-screen mechanism
- With new, fast lock-in „Pull-Down“ solution
- Manufactured completely from anti-corrosion stainless steel and aluminum
- Bottom diffusion cover made of glare free spinnaker nylon with great light transmission
- Reflector-cover made from robust, durable fiberglass / aramide woven material
- IP54 protected, rain and water resistant (permanent outside use)

Thanks to LED technology!
- No frequency flickering
- No bulb breakage
- No cool down time
- Instant on/off
- Resistant to vibration and shock

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**Powermoon® Specifications:**

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Wattage</strong></td>
<td>600W</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>120V-230V/ 50-60Hz</td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>5A at 120V / 2.7A at 230V</td>
</tr>
<tr>
<td><strong>Type of protection</strong></td>
<td>IP 54</td>
</tr>
<tr>
<td><strong>Light amount</strong></td>
<td>ca. 85,000Lumen</td>
</tr>
<tr>
<td><strong>Light color</strong></td>
<td>5500K, daylight quality, CRI &gt;80</td>
</tr>
<tr>
<td><strong>Balloon weight</strong></td>
<td>25.8lbs</td>
</tr>
<tr>
<td><strong>Balloon dimensions</strong></td>
<td>D=41”  H=27”</td>
</tr>
<tr>
<td><strong>Transport packaging</strong></td>
<td>L=45” x D=10”</td>
</tr>
<tr>
<td><strong>min. Generator W</strong></td>
<td>1000 Watt</td>
</tr>
</tbody>
</table>

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The POWERMOON® LED-MASTER® balloons are particularly suitable for operation on road pavers, road rollers or other construction machines by using it directly with the on-board voltage system. Pre-sets for either 12 volts or 24 volts. The complete cable kit for operation on the vehicle’s battery including the power socket for body installation and a DC high-current switch are included with the light!

Supplied cable lengths: From the battery to the power outlet: 13 feet. From the DC power plug to the POWERMOON® master light 23 feet. Special cable lengths for larger vehicles on request.

- Glare free light
- No frequency flickering
- Powermoon® wind-resistant up to 60mph
- No bulb breakage
- No cool down time
- Instant on/off
- Patented, robust spring-screen mechanism
- With new, fast lock-in „Pull-Down” solution
- Resistant to vibration and shock due to LED technology
- New LED technology without power-pack - plug in ready
- Ballast is no longer necessary - 22lbs lighter than previous model
- Manufactured completely from anti-corrosion stainless steel and aluminum
- Bottom diffusion cover made of glare free spinnaker nylon with great light transmission
- Reflector-cover made from robust, durable fiberglass / aramide woven material
- IP54 protected, rain and water resistant (permanent use)
- Low voltage regulation / extra-low voltage area

Our product term „MASTER“ always stands for a battery-operated 12V or 24V light. Suitable for multiple voltages with AC/DC power-pack.

12V or 24V

With optional power supply also usable on household voltage!

12V / 24V - 1000W DC power-pack IP54

The complete cable kit for operation on the vehicle’s battery including the power socket for body installation and a DC high-current switch are included with the light!

<table>
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<th>Protection class</th>
<th>LED-MASTER 400</th>
<th>LED-MASTER 800</th>
</tr>
</thead>
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<tr>
<td>Wattage</td>
<td>400W</td>
<td>800W</td>
</tr>
<tr>
<td>Voltage</td>
<td>12V/24V DC</td>
<td>12V/24V DC</td>
</tr>
<tr>
<td>Current</td>
<td>41A – 12V / 20A – 24V</td>
<td>70A – 12V / 35A – 24V</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 54</td>
<td>IP 54</td>
</tr>
<tr>
<td>Light amount</td>
<td>ca. 50,000 Lumen</td>
<td>ca. 100,000 Lumen</td>
</tr>
<tr>
<td>Light color</td>
<td>5500K, daylight quality, CRI &gt;80</td>
<td>5500K, daylight quality, CRI &gt;80</td>
</tr>
<tr>
<td>Ballon weight</td>
<td>24.25lbs</td>
<td>28.66 lbs</td>
</tr>
<tr>
<td>Ballon dimensions</td>
<td>D=35.5’’ H=23.5’’</td>
<td>D=39’’ H=29’’</td>
</tr>
<tr>
<td>Transport packaging</td>
<td>L=45’’ x D=10’’</td>
<td>L=51’’ x D=10’’</td>
</tr>
<tr>
<td>Accu/alternator capacity</td>
<td>&gt;80Ah (for 12V vehicle)</td>
<td>&gt;120Ah (for 12V vehicle)</td>
</tr>
<tr>
<td></td>
<td>&gt;40Ah (for 24V vehicle)</td>
<td>&gt;60Ah (for 24V vehicle)</td>
</tr>
</tbody>
</table>

The complete cable kit for operation on the vehicle’s battery including the power socket for body installation and a DC high-current switch are included with the light!
The all new attractive POWERMOON® PARTYMOON®
with remote RGB control

The new POWERMOON® PARTYMOON® (RGB) is a self inflatable balloon for events, parties, advertising, exhibitions, garden and landscape lighting. You can use it on a tripod or hang it from the ceiling (usable inside and outside).

The POWERMOON® PARTYMOON® is a festival and event decoration. It is **not** suitable for permanent outdoor use or outdoor advertising and it is **not** storm stable! For example you can use it permanently as an eyecatcher inside a shopping mall.

<table>
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<tr>
<th>Protection class</th>
<th>Protection insulation</th>
</tr>
</thead>
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<tr>
<td>Wattage</td>
<td>320W</td>
</tr>
<tr>
<td>Voltage</td>
<td>120-230V/ 40-150Hz</td>
</tr>
<tr>
<td>Current</td>
<td>2.7A at 120V</td>
</tr>
<tr>
<td>Type of protection</td>
<td>IP 54</td>
</tr>
<tr>
<td>Light amount</td>
<td>ca. 48,000Lumen</td>
</tr>
<tr>
<td>Light color</td>
<td>6000K, daylight quality, CRI &gt;80</td>
</tr>
<tr>
<td>Balloon weight</td>
<td>20lbs</td>
</tr>
<tr>
<td>Balloon dimensions</td>
<td>D=3.28ft</td>
</tr>
<tr>
<td>Transport packaging</td>
<td>L=45&quot; x D=10&quot;</td>
</tr>
<tr>
<td>min. Generator W</td>
<td>500 Watt</td>
</tr>
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</table>
POWERMOON® LIGHTWING® is the right choice for those looking to have bright, high quality light in specific places rather than illuminating a whole area such as with a balloon light. POWERMOON® LIGHTWING® - fast set up and does not require any cool down time. Equipped with rotating swivel heads POWERMOON® LIGHTWING® are adjustable and versatile and mount on practically any machine as well as tripod set ups. POWERMOON® LIGHTWING® is robust, wind and weather resistant.

**Disruptive Technology! One light, all voltages! AC/DC system without the need for a transformer**

**The new POWERMOON® LIGHTWING® series!**
Designed with multi-voltage capability, this beam floodlight is available in different versions and can be used on vehicles and machines. Equipped with glare protection shields and 360° adjustable positions, the POWERMOON® LIGHTWING® is slim, bright and super durable.
The first foldable LED light solution with the qualities of a balloon light without any textile!

- Usable both on 120V AC and 12V DC battery power
- Comes with a stainless steel tripod with total height of 11.5ft
- The light comes with a swivel head to set the direction of the light and uses a magnetic connector to link it to the tripod or any other magnetic surface
- Glare free light in a radius of 30ft
- No cool down time
- Instant on/off
- Resistant to vibration and shock thanks to LED technology
- Manufactured completely from anti-corrosion stainless steel and aluminum
- IP68 protected, rain and water resistant (permanent use)

Daylight for any situation!

For more information visit www.pocketmoon.us
POCKETMOON® SET

11.5ft stainless steel tripod with swivel head and magnetic connectors

LED panels  120V AC Power supply & cable  Alligator clips for car battery  Car adapter

For using with:

Household plug  battery  Car

Practical illumination for nighttime flagger operations. Use a 120 Amp/h truck battery instead of a patrol generator and the Pocketmoon® runs for 48h noise and exhaust free.

optional item:
- Lithium-ion battery pack
- 10 Amp’s!
- 4 hours running time!
**POWERMOON® FIBERJACK®**

The new POWERMOON® Fiberglass Tripod

The new and outstanding fiberglass tripod offers enormous advantages compared to conventional tripods. **POWERMOON®** fiberglass tripods are non-corrosive and non-conductive. As a result, there is no longer any danger in rail tracks or overhead power lines. The bending of the tripod segments is history now, as fiberglass finds its way back into its initial form.

**Weighing just 22lbs at a maximum height of 10.5ft** makes the fiberglass tripod an absolute lightweight among the tripods. Compared to a commercially available steel telescope tripod, it is about 30% of the weight with the same maximum telescope length.

<table>
<thead>
<tr>
<th>Tripod Type</th>
<th>Max. Height</th>
<th>Transport Length</th>
<th>Weight</th>
<th>Material</th>
<th>Amature</th>
<th>Tripod Intake</th>
<th>Headweight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIBERJACK®</td>
<td>10.5 ft</td>
<td>4 ft</td>
<td>22 lbs</td>
<td>Fiberglass composite (GRP)</td>
<td>Aluminum / stainless steel</td>
<td>DIN standard spigot / swivel head</td>
<td>55 lbs</td>
</tr>
<tr>
<td>FIBERJACK®</td>
<td>16 ft</td>
<td>5.75 ft</td>
<td>31 lbs</td>
<td>Fiberglass composite (GRP)</td>
<td>Aluminum / stainless steel</td>
<td>DIN standard spigot / swivel head</td>
<td>55 lbs</td>
</tr>
<tr>
<td>FIBERJACK® GRAND</td>
<td>10.5 ft</td>
<td>4 ft</td>
<td>22 lbs</td>
<td>Fiberglass composite (GRP)</td>
<td>Aluminum / stainless steel</td>
<td>DIN standard spigot / swivel head</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

*Footprint Diameter 4.6ft

*Footprint Diameter 6.6ft

* Tie down set included
The new portable POWERMOON® SLIDER can be used as a Mini-Light-Tower, but also as a safe stand for mobile traffic lights, warning / information signs and temporary roadblocks.

**The most efficient and economic light tower**

- Completely made out of plastic (plastic with fiberglass load, no need for grounding, no risk of corrosion)
- No tie down set needed
- Maximum road safety (full-round collision protection, without sharp corner or edges)
- Storm-proof stand (stand with 66 gal. of water)
- Super portable (72lbs Tansportweight)
- Maximum height (going up to 20ft)

Generator mounting surface
Length x width 27” x 20”

31.5”
47.24”

Possible to hook on a crane
Forklift access on the bottom
What is the difference between a Conventional LIGHT-TOWER and a POWERMOON® MINI-LIGHT-TOWER?

**IN THE PAST**
Conventional light tower

**TODAY**
POWERMOON® LED

| Investment per unit | ~15000 - 20000 $ | ~3500 $ |

**POWERMOON® Mini-Light-Tower** needs less space and creates a safer work environment on a highway.

Conventional Light Tower endanger the passing traffic!

POWERMOON® Mini-Light-Tower are as windstable as a conventional light tower, has a smaller footprint and less traffic influence.

Diameter
- 13ft
- 4.5ft

Bird eye view

13ft Diameter

4.5ft Diameter

max. 80mph

max. 80mph
50 POWERMOON® Mini-Light-Tower cover a 3 mile long highway with perfect and safe illumination.
The NEW POWERMOON® Truck Hitch!

The POWERMOON® Truck Hitch allows mounting the POWERMOON® lights on the back of all standard tow vehicles. The Truck Hitch Mount comes with a telescopic pole going up to 10ft high with the small telescopic pole or up to 16ft high with the big telescopic pole which gives you the possibility to take the light with you almost anywhere. Light up flagger stations or any other situation where the work area is constantly on the move.
The **POWERMOON® TRUCK HITCH**

is also perfect to weld on to construction or paving machines for permanent use. Weld a square tube, size $2\frac{1}{2}$" wall $\frac{1}{4}$" on your machine, such as the tow bar on your truck, and the **POWERMOON®** is ready to be used on your machine. The swivel head allows you to lower or raise the pole easily in bridges or tunnels.

**Two pole options for the TRUCK HITCH**

1. **Telescopic Light Pole big**
   - Transportlength 5.75ft
   - **Max. height 16ft**

2. **Telescopic Light Pole small**
   - Transportlength 4ft
   - **Max. height 10ft**

Max. speed 10 mph!
PAVING AND CONSTRUCTION
LAW ENFORCEMENT / EMS
EVENT / FESTIVAL / LEISURE
SPORT
POWERMOON Enterprises Ltd.

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