



**LED  
Balloon  
Light**  
Series



**Mobile  
Lighting  
Tower**  
Series





**YUANG  
LIGHT**

by Ching Yuang

**Yuang Light** is a series of portable LED lights suited to a wide range of industrial, construction and outdoor uses. Our comprehensive lighting systems are developed for ease of use and maximum portability, while our LED technology ensures that our lights have long life expectancy and are bright enough for any application, while minimizing power consumption.

**Yuang Light** was created by **Ching Yuang** in 2013. **Ching Yuang** was established in 2002 as a manufacturer of high watt LED lighting, ventilation systems (blowers) and spot coolers. All of our products are made to the highest standards in Taiwan. In 2013, **Ching Yuang** released our own range of products, **Yuang Light** and **Yuang Tools**. The quality of our products is known worldwide and our customers can be found in Japan, South East Asia, the Middle East, the United States and Europe. Our close relationship with our customers has provided invaluable feedback that has allowed us to develop exceptional products.

**Ching Yuang** believes that our customers' success is also our success, and so we are always striving to design the best product for the problem at hand.



# LED Balloon Light System

50 W  
100 W  
200 W  
300 W  
500 W  
960 W



# TINY LED Balloon Light

50 W

Our TINY LED BALLOON LIGHTS are the most compact and portable in our collection. While these family friendly lights aren't as powerful as their bigger cousins, they emit more than enough for everyday activities. And since they are dimmable, you can always set them to just the right brightness, whether you're cooking, reading, dining or just enjoying the great outdoors.



Family Friendly



Extra Lightweight



Portable



Dimmable



Easy Setup



Glare-Free



360° Illumination



Diffused Light



High Efficiency  
150 lm/W



Life Span  
> 50,000 hrs

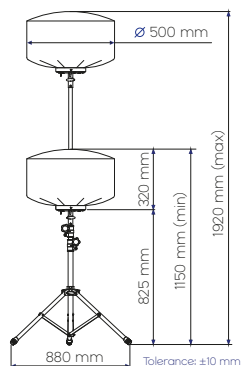


Low-Maintenance



Waterproof

## DIMENSIONS

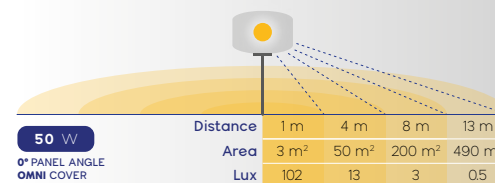


## TECHNICAL DATA

50 W

<b>General</b>	Voltage	AC 100-240 V
	Frequency	50/60 Hz
	Operating Amperage	0.6 A
	Power Consumption (±5%)	55 W
	Lamp+Tripod	5.6 kg
<b>Lamp</b>	Panel Power Consumption (±5%)	45 W
	Panel Luminous Flux (±10%)	8,000 lm
	Correlated Color Temperature	5,000 K
	Width	500 mm
	Height	320 mm
<b>Tripod</b>	Weight	3 kg
	Height (min-max)	825-1600 mm
	Weight	2.6 kg
	Collapsed Height	770 mm
	Collapsed Width	120 mm

## LIGHTING DATA

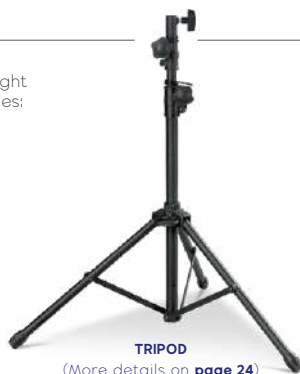


More data on [page 20](#).

## ACCESSORIES

The TINY LED Balloon Light standard package includes:

- LED light system
- Omni light cover
- Small tripod
- Light carry bag
- Tripod carry bag



## CUSTOMIZATION

The TINY LED Balloon Light can also be mounted on a trolley and customized with a different light cover, for more info, please see [page 18](#).



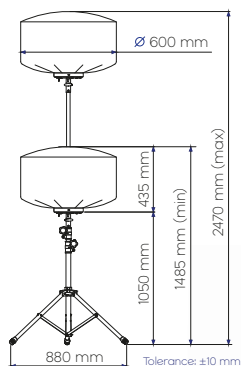
# MINI LED Balloon Light

100 W 200 W

Our MINI LED Balloon Lights emit bright, diffused light that is suitable for indoor spaces and outdoor events. Released in 100 W and 200 W versions, they can be used to light up film sets, provide even lighting for studio photography and interior construction, and general portable lighting for outdoor activities like camping, sporting events and parties.

-   
Lightweight
-   
Portable
-   
Easy Setup
-   
Glare-Free
-   
360° Illumination
-   
Diffused Light
-   
High Efficiency  
150 lm/W
-   
Life Span  
> 50,000 hrs
-   
Low-Maintenance
-   
Waterproof

## DIMENSIONS



## TECHNICAL DATA

100 W

200 W

	100 W	200 W
<b>General</b>		
Voltage	AC 100-240 V	AC 100-240 V
Frequency	50/60 Hz	50/60 Hz
Operating Amperage	1.2 A	2.3 A
Power Consumption (±5%)	110 W	210 W
Lamp+Tripod	8.2 kg	8.2 kg
<b>Lamp</b>		
Panel Power Consumption (±5%)	90 W	180 W
Panel Luminous Flux (±10%)	15,600 lm	28,000 lm
Correlated Color Temperature	5,000 K	5,000 K
Width	600 mm	600 mm
Height	435 mm	435 mm
Weight	5 kg	5 kg
<b>Tripod</b>		
Height (min-max)	1050-2035 mm	1050-2035 mm
Weight	3.2 kg	3.2 kg
Collapsed Height	930 mm	930 mm
Collapsed Width	120 mm	120 mm

## LIGHTING DATA

	Distance	1 m	4 m	8 m	14 m
<b>100 W</b>	Area	3 m <sup>2</sup>	50 m <sup>2</sup>	200 m <sup>2</sup>	615 m <sup>2</sup>
<b>0° PANEL ANGLE</b>	Lux	150	30	8	0.5
<b>OMNI COVER</b>	Distance	1 m	4 m	8 m	19 m
<b>200 W</b>	Area	3 m <sup>2</sup>	50 m <sup>2</sup>	200 m <sup>2</sup>	1135 m <sup>2</sup>
<b>0° PANEL ANGLE</b>	Lux	247	48	11	0.5
<b>OMNI COVER</b>					

More data on [page 20](#).

## ACCESSORIES

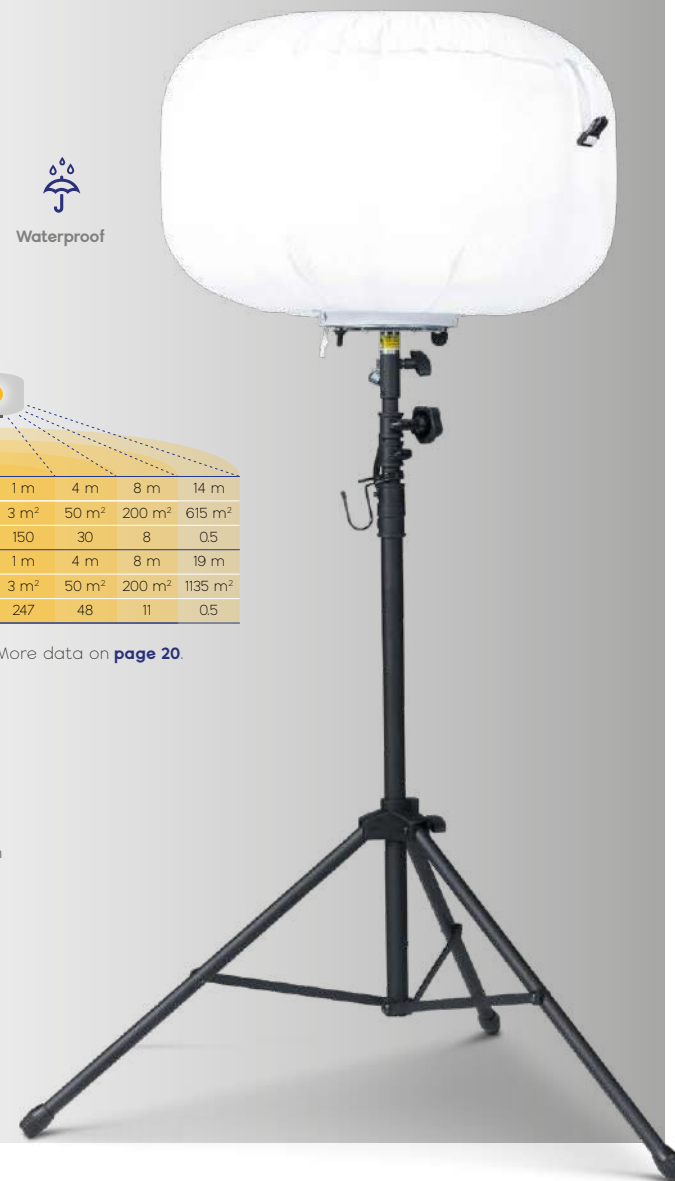
The MINI LED Balloon Light standard package includes:

- LED light system
- Omni light cover
- Small tripod
- Light carry bag
- Tripod carry bag



## CUSTOMIZATION

The MINI LED Balloon Light can also be mounted on a trolley and customized with a different light cover, for more info, please see [page 18](#).



# MIDI LED Balloon Light

300 W

Our MIDI LED Balloon Lights emit light that is close to sunlight. They are best for situations where no-nonsense lighting is essential for safety and practicality. They can be used for rescue operations, tunneling and for oil and gas exploration, outdoor construction and on large film sets.



Portable



Easy Setup



Glare-Free



360° Illumination



Diffused Light



High Efficiency  
150 lm/W



Life Span  
> 50,000 hrs

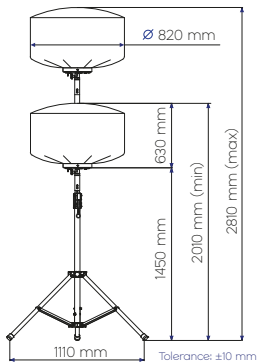


Low-Maintenance



Waterproof

## DIMENSIONS



## TECHNICAL DATA

300 W

<b>General</b>	Voltage	AC 100-240 V
	Frequency	50/60 Hz
	Operating Amperage	1.9 A/3.5 A
	Power Consumption (±5%)	155 W/310 W
	Lamp+Tripod	15.6 kg
<b>Lamp</b>	Panel Power Consumption (±5%)	135 W/270 W
	Panel Luminous Flux (±10%)	21,000 lm/42,000 lm
	Correlated Color Temperature	5,000 K
	Width	820 mm
	Height	630 mm
	Weight	8.5 kg
	<b>Tripod</b>	Height (min-max)
	Weight	71 kg
	Collapsed Height	1340 mm
	Collapsed Width	180 mm

## LIGHTING DATA

<b>300 W</b> 0° PANEL ANGLE OMNI COVER	Distance	1 m	4 m	8 m	21 m
	Area	3 m <sup>2</sup>	50 m <sup>2</sup>	200 m <sup>2</sup>	1385 m <sup>2</sup>
	Full Light	356 lx	80 lx	18 lx	0.5 lx
	Half Light	180 lx	40 lx	10 lx	0.5 lx

More data on [page 22](#).

## ACCESSORIES

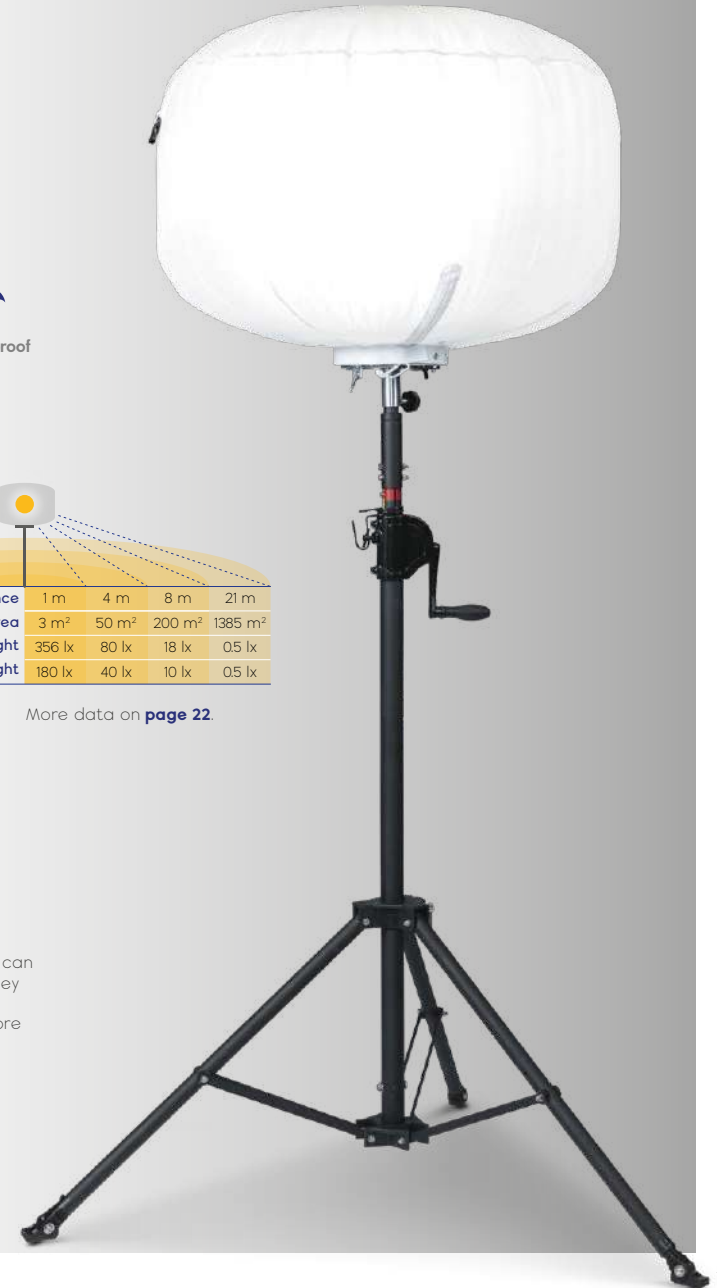
The MIDI LED Balloon Light standard package includes:

- LED light system
- Omni light cover
- Medium tripod
- Light carry bag
- Tripod carry bag



## CUSTOMIZATION

The MIDI LED Balloon Light can also be mounted on a trolley and customized with a different light cover, for more info, please see [page 20](#).



# MAXI LED Balloon Light

500 W 960 W

Our MAXI LED Balloon Lights are the brightest in our collection and come in 500 W and 960 W versions. Their wide coverage make them essential for large-scale infrastructure projects like roadworks and construction projects, and they provide ample lighting at sporting events. Their easy setup and portability make them invaluable in fire-fighting and other disaster relief situations.



Portable



Easy Setup



Glare-Free



360°  
Illumination



Diffused  
Light



High Efficiency  
150 lm/W

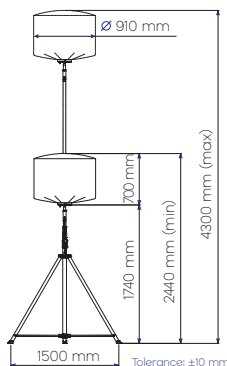


Life Span  
> 50,000 hrs



Waterproof

## DIMENSIONS



## TECHNICAL DATA

500 W

960 W

General	500 W	960 W
Voltage	AC 100-240 V	AC 100-240 V
Frequency	50/60 Hz	50/60 Hz
Operating Amperage	2.9 A/5.5 A	5.3 A/10.6 A
Power Consumption (±5%)	245 W/490 W	432 W/864 W
Lamp+Tripod	32 kg	37 kg
Lamp	500 W	960 W
Panel Power Consumption (±5%)	216 W/432 W	480 W/960 W
Panel Luminous Flux (±10%)	36,000 lm/72,000 lm	72,000 lm/145,000 lm
Correlated Color Temperature	5,000 K	5,000 K
Width	910 mm	910 mm
Height	700 mm	700 mm
Weight	14.5 kg	17.5 kg
Tripod	500 W	960 W
Height (min-max)	1740-3700 mm	1740-3700 mm
Weight	17.5 kg	19.5 kg
Collapsed Height	1980 mm	1980 mm
Collapsed Width	210 mm	210 mm

## ACCESSORIES

The MAXI LED Balloon Light standard package includes:

- LED light system
- Omni light cover
- Large tripod
- Light carry bag
- Tripod carry bag



TRIPOD  
(More details on [page 24](#))



LIGHT CARRY BAG



TRIPOD CARRY BAG

## LIGHTING DATA

500 W 0° PANEL ANGLE OMNI COVER	Distance	1 m	4 m	8 m	32 m
	Area	3 m <sup>2</sup>	50 m <sup>2</sup>	200 m <sup>2</sup>	3215 m <sup>2</sup>
	Full Light	634 lx	128 lx	26 lx	0.5 lx
	Half Light	284 lx	53 lx	12 lx	0.5 lx
960 W 0° PANEL ANGLE OMNI COVER	Distance	1 m	4 m	8 m	41 m
	Area	3 m <sup>2</sup>	50 m <sup>2</sup>	200 m <sup>2</sup>	5278 m <sup>2</sup>
	Full Light	992 lx	274 lx	85 lx	0.5 lx
	Half Light	443 lx	131 lx	42 lx	0.5 lx

More data on [page 22](#).

## CUSTOMIZATION

The MAXI LED Balloon Light can also be mounted on a trolley and customized with a different light cover, for more info, please see [page 20](#).



# LED Balloon Light System



**TINY**



**MINI**



**MIDI**



**MAXI**

## Comparison Table

50 W

100 W

200 W

300 W

500 W

960 W

		50 W	100 W	200 W	300 W	500 W	960 W
<b>GENERAL</b>	Voltage	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V
	Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Operating Amperage	0.62 A	1.2 A	2.3 A	1.9 A/3.5 A	2.9 A/5.5 A	5.3 A/10.6 A
<b>LAMP</b>	Power Consumption (±5%)	55 W	110 W	210 W	155 W (half) / 310 W (full)	245 W (half) / 490 W (full)	485 W (half) / 970 W (full)
	Panel Power Consumption (±5%)	45 W	90 W	180 W	130 W (half) / 270 W (full)	216 W (half) / 432 W (full)	432 W (half) / 864 W (full)
	Average Lamp Life	> 50,000 hrs	> 50,000 hrs	> 50,000 hrs	> 50,000 hrs	> 50,000 hrs	> 50,000 hrs
	Color Rendering Index	80	80	80	80	80	80
	Correlated Color Temperature	5,000 K	5,000 K	5,000 K	5,000 K	5,000 K	5,000 K
	Luminous Flux (±10%)	8,000 lm	15,600 lm	28,000 lm	21,000 lm (half) / 42,000 lm (full)	36,000 lm (half) / 72,000 lm (full)	72,000 lm (half) / 145,000 lm (full)
	Width	500 mm	600 mm	600 mm	820 mm	910 mm	910 mm
	Height	320 mm	435 mm	435 mm	630 mm	700 mm	700 mm
	Weight	3 kg	5 kg	5 kg	8.5 kg	14.5 kg	19.5 kg
<b>TRIPOD</b>	Height (min-max)	825-1600 mm	1050-2035 mm	1050-2035 mm	1450-2180 mm	1740-3700 mm	1740-3700 mm
	Collapsed Height	770 mm	930 mm	930 mm	1340 mm	1980 mm	1980 mm
	Collapsed Width	120 mm	120 mm	120 mm	180 mm	210 mm	210 mm
	Weight	2.6 kg	3.2 kg	3.2 kg	7.1 kg	17.5 kg	17.5 kg
<b>TROLLEY</b>	Height	720 mm	720 mm	720 mm	690 mm	690 mm	1755 mm
	Length	730 mm	730 mm	730 mm	1060 mm	1060 mm	1360 mm
	Width	430 mm	430 mm	430 mm	800 mm	800 mm	880 mm
	Weight	16 kg	16 kg	16 kg	26 kg	26 kg	135 kg
<b>WEIGHT</b>	Lamp + Tripod	6 kg	8.2 kg	8.2 kg	15.6 kg	32 kg	37 kg
	Lamp + Trolley	19 kg	21 kg	21 kg	34.5 kg	40.5 kg	154.5 kg

Dimensions tolerance: ±10 mm

As part of our continuous efforts to improve our products, features and specifications may change without notice.



# Mobile Lighting Tower

System

SINGLE 250 W  
TWIN 500 W



# SINGLE 250 W

# TWIN 500 W

Our ultra bright Mobile Lighting Towers emit undiffused, directional light that is essential for construction. They are mobile and exceptionally easy to setup and operate. Their durability and reliability mean they will last on the roughest of sites, and as an added bonus are good for the environment.



Ultra Bright



Lightweight



Directional



Waterproof

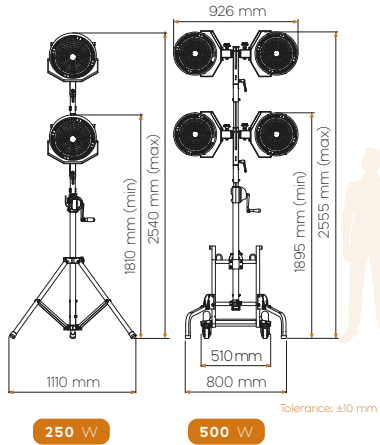


Steel Mesh  
Protector



Low-Power  
Consumption

## DIMENSIONS



## TECHNICAL DATA

		250 W	500 W
<b>General</b>	Voltage	AC 100-240 V	AC 100-240 V
	Frequency	50/60 Hz	50/60 Hz
	Operating Amperage	3 A	6 A
<b>Lamp</b>	Power Consumption (±5%)	250 W	500 W
	Average Lamp Life	> 50,000 hrs	> 50,000 hrs
	CRI	80	80
	CCT	5,000 K	5,000 K
	Luminous Flux (±10%)	42,000 lm	84,000 lm
	Width	330 mm	910 mm
	Height	415 mm	400 mm
<b>Tripod</b>	Weight	7.6 kg	16.4 kg
	Height (min-max)	1450-2180 mm	-
	Collapsed Height	1340 mm	-
	Collapsed Width	180 mm	-
	Weight	71 kg	-
<b>Trolley</b>	Height	-	690 mm
	Length	-	1060 mm
	Width	-	800 mm
	Weight	-	21 kg

## LIGHTING DATA

<b>250 W</b>	Distance	1 m	5 m	10 m
	Area	9 m <sup>2</sup>	65 m <sup>2</sup>	50 m <sup>2</sup>
	Lux	592	156	22
<b>500 W</b>	Distance	1 m	5 m	10 m
	Area	9 m <sup>2</sup>	75 m <sup>2</sup>	120 m <sup>2</sup>
	Lux	1160	304	45



# Accessories

LIGHT COVERS  
TRIPODS  
TROLLEYS



## Accessories

# LIGHT COVERS

OMNI REFLECTIVE

The covers for our LED Balloon Light inflate into an elegant and efficient balloon shape with air from the fans. We offer two different standard covers: the Omni Light Cover and the Reflective Light Cover. Designed to be used with our LED lighting systems, they are easy to attach and hold their shape perfectly.



Omni-directional/  
Reflective



Waterproof



Flameproof



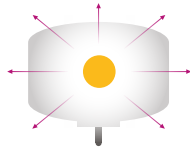
Phenolic  
Yellowing Resistant



Washable

### OMNI

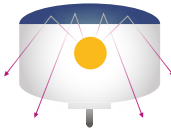
Our Omni Light Covers produce omni-directional, even lighting throughout a space. The covers are washable, easily replaced, waterproof, tear and flameproof. They are ideal for covered spaces.



**MINI** 600 x 435 mm  
**MIDI** 820 x 630 mm  
**MAXI** 910 x 700 mm

### REFLECTIVE

Our Reflective Light Covers reflect light down onto the ground, acting as highly efficient street lights. The covers are washable, easily replaced, waterproof and flameproof. They are ideal for open-air applications.



**MINI** 600 x 435 mm  
**MIDI** 820 x 630 mm  
**MAXI** 910 x 700 mm

### OMNI LIGHTING DATA

		1	4	8	14
<b>50 W</b>	Distance (m)	1	4	8	14
	Area (m <sup>2</sup> )	3	50	200	490
	Lux	102	13	3	0.5
<b>100 W</b>	Distance (m)	1	4	8	14
	Area (m <sup>2</sup> )	3	50	200	615
	Lux	150	30	8	0.5
<b>200 W</b>	Distance (m)	1	4	8	19
	Area (m <sup>2</sup> )	3	50	200	1135
	Lux	247	48	11	0.5
<b>300 W</b>	Distance (m)	1	4	8	21
	Area (m <sup>2</sup> )	3	50	200	1385
	Full Light Lux	356	80	18	0.5
<b>500 W</b>	Distance (m)	1	4	8	32
	Area (m <sup>2</sup> )	3	50	200	3215
	Full Light Lux	634	128	26	0.5
<b>960 W</b>	Distance (m)	1	4	8	41
	Area (m <sup>2</sup> )	3	50	200	5278
	Full Light Lux	1040	285	55	0.5
	Half Light Lux	520	141	28	-

### REFLECTIVE LIGHTING DATA

		1	4	8	14
<b>100 W</b>	Distance (m)	1	4	8	14
	Area (m <sup>2</sup> )	3	50	200	615
	Lux	197	34	8	0.5
<b>200 W</b>	Distance (m)	1	4	8	19
	Area (m <sup>2</sup> )	3	50	200	1135
	Lux	328	53	10	0.5
<b>300 W</b>	Distance (m)	1	4	8	21
	Area (m <sup>2</sup> )	3	50	200	1385
	Full Light Lux	531	85	20	0.5
<b>500 W</b>	Distance (m)	1	4	8	32
	Area (m <sup>2</sup> )	3	50	200	3215
	Full Light Lux	764	135	29	0.5
<b>960 W</b>	Distance (m)	1	4	8	41
	Area (m <sup>2</sup> )	3	50	200	5278
	Full Light Lux	1401	295	55	0.5
	Half Light Lux	700	146	28	-

for

**LED  
Balloon  
Light**  
System



OMNI

REFLECTIVE

# Accessories

# TRIPODS

X SMALL SMALL MEDIUM LARGE

Our tripods are designed to integrate seamlessly into our lighting systems. Compact and reliable, they are a breeze to carry and collapse easily for storage. They can extend from a height of 1 meter to 4 meters. Safety features include a safety-chain to prevent accidental disconnection as well as a T-knob for extra safety. Tripods include a system for power cord storage and leg fasteners for safe transportation.

The color and structure of our tripods can be customized.  
Dimension tolerance: ±10 mm



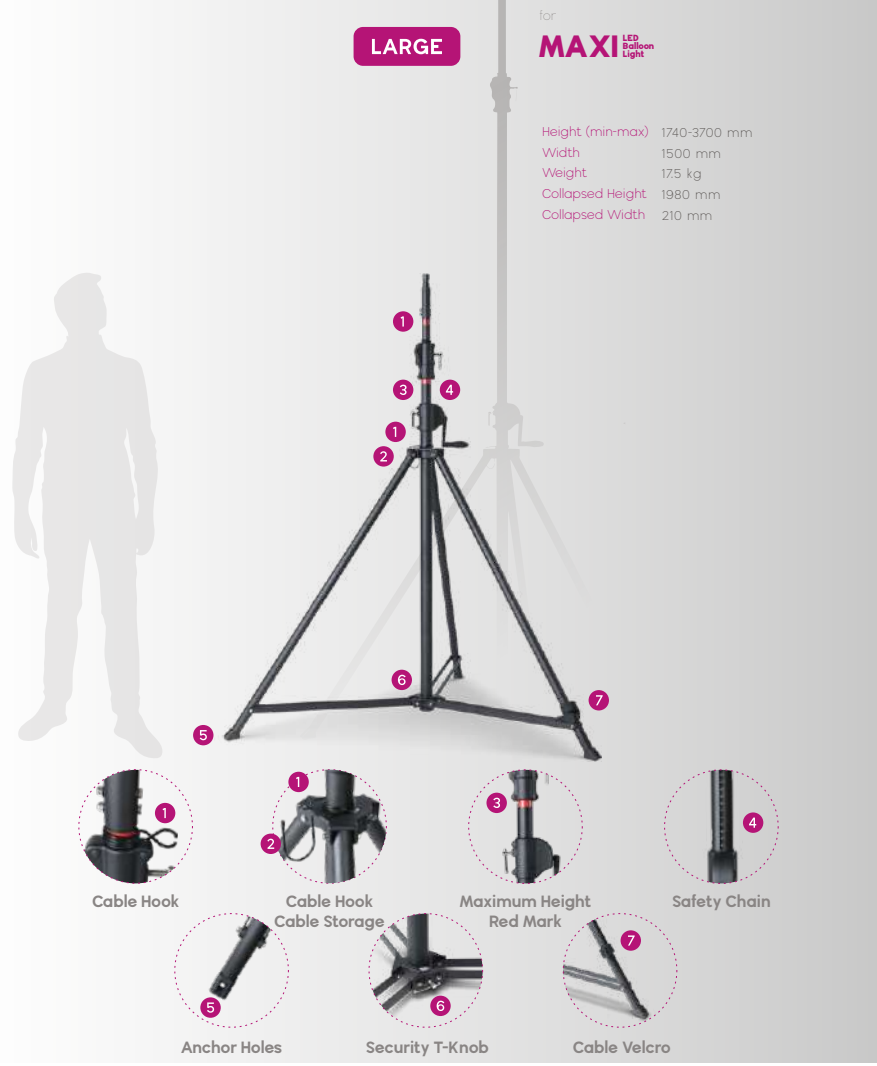
Height (min-max) 825-1600 mm  
Width 880 mm  
Weight 3 kg  
Collapsed Height 770 mm  
Collapsed Width 120 mm

Height (min-max) 1050-2035 mm  
Width 880 mm  
Weight 3.2 kg  
Collapsed Height 930 mm  
Collapsed Width 120 mm

Height (min-max) 1450-2180 mm  
Width 1110 mm  
Weight 71 kg  
Collapsed Height 1340 mm  
Collapsed Width 180 mm



for  
**LED Balloon Light System**  
**Mobile Lighting Tower System**



for  
**MAXI LED Balloon Light**  
Height (min-max) 1740-3700 mm  
Width 1500 mm  
Weight 175 kg  
Collapsed Height 1980 mm  
Collapsed Width 210 mm

# Accessories

# TROLLEYS

SMALL MEDIUM LARGE

for  
**LED Balloon Light System**  
**Mobile Lighting Tower System**

Our trolleys are the perfect size to transport generators. Made from strong steel with four sturdy wheels, they are as mobile as they are robust. Packed full of safety features, our trolleys make moving lights a breeze.

The color and structure of our trolleys can be customized.

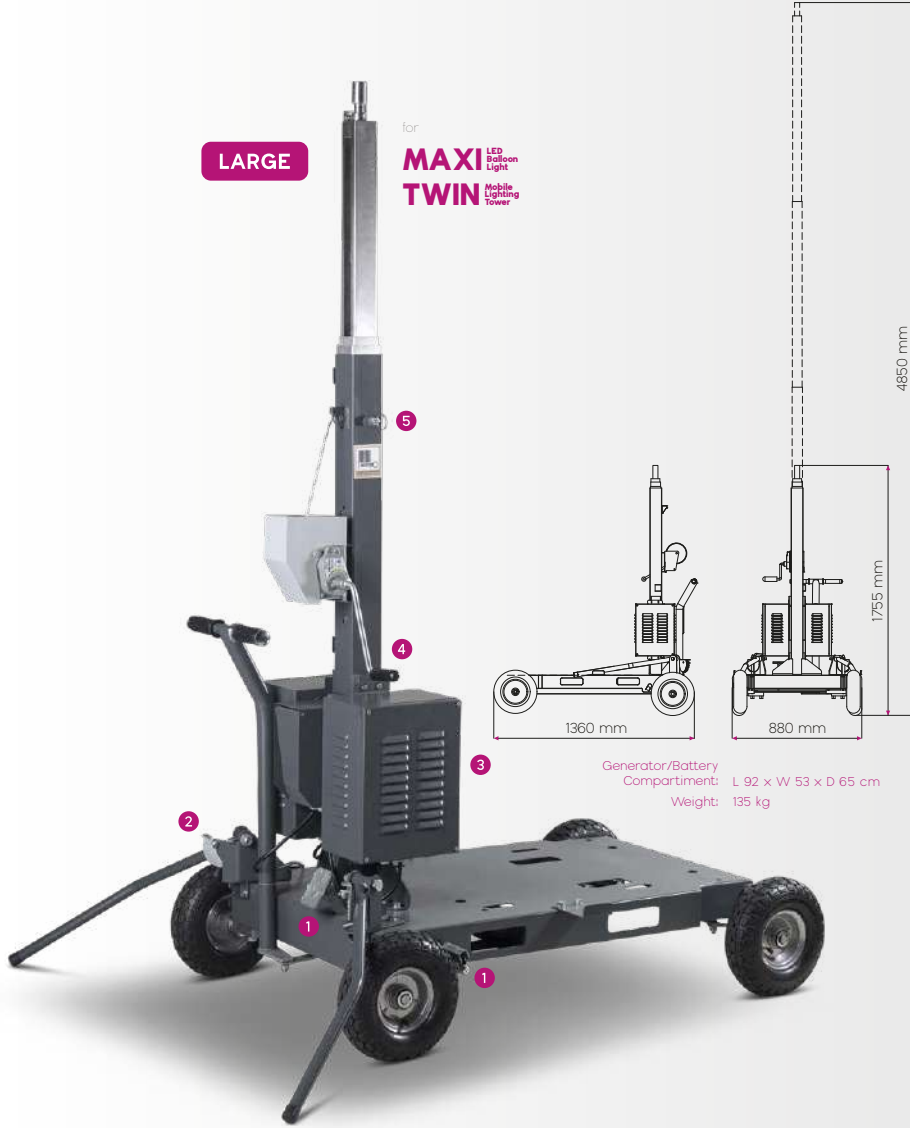


Dimension tolerance: ±10 mm



**LARGE**

for  
**MAXI** LED  
**TWIN** Balloon  
Light  
Mobile  
Lighting  
Tower



Brake Pedal



Adjustable  
Stabilizer Legs



Compartment



Telescopic  
Pole Crank







Telescopic Pole  
Safety Pin

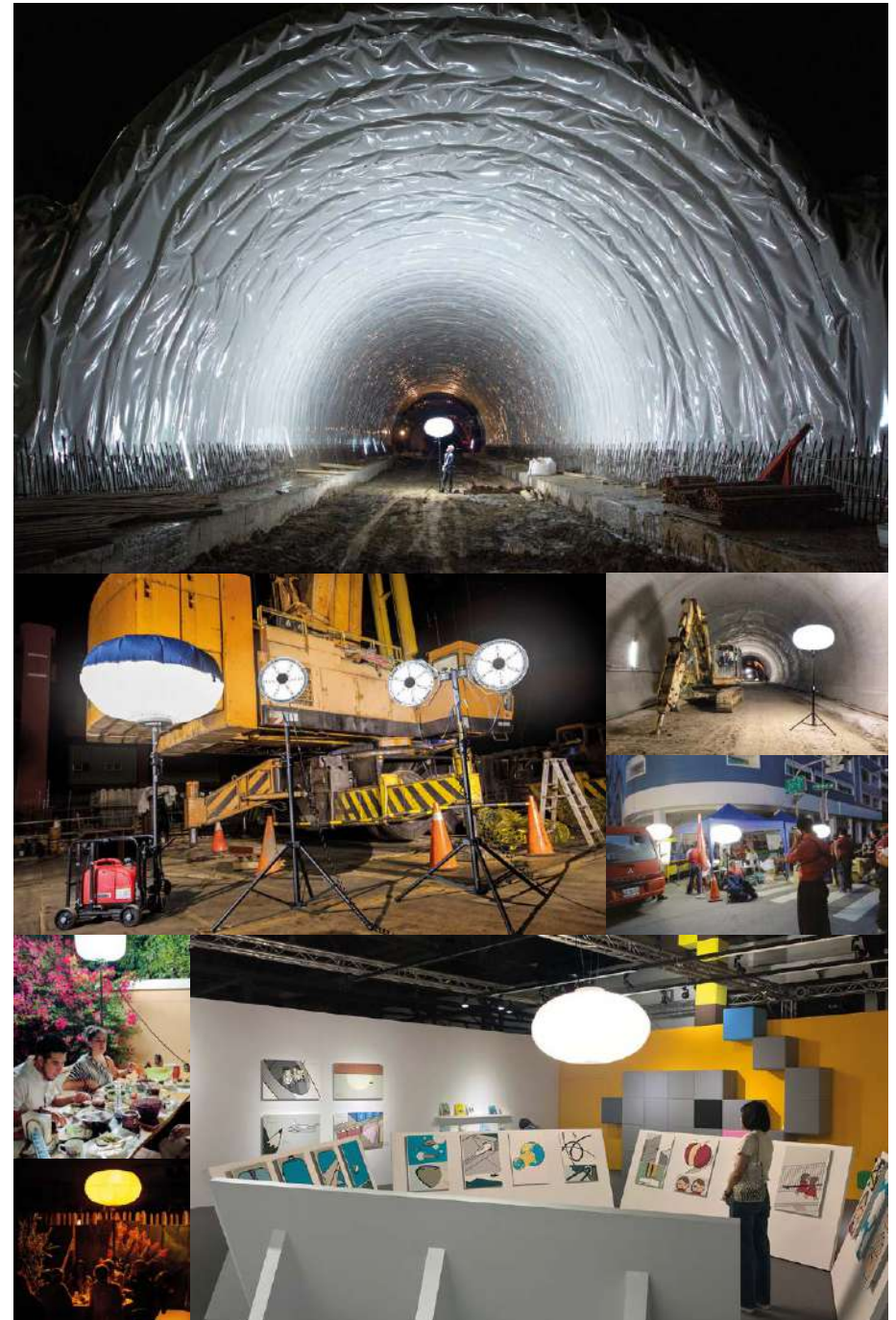
# LED Lights Customization Possibilities



Our lights can be customized to allow their color to be adjusted across the **RGB** spectrum or converted to **fog lights**. In addition, a **timer** can set how many seconds different colors display. Lights can also be **customized to a specific color** for purposes like emergency or security lights. **Dimmers** controlled by manual or **remote control** switches can also be installed

The shape of our light covers can be customized, as can the color and structure of our trolleys and tripods.

-  Light color adjustable across the RGB spectrum
-  Set correlated color temperature between 2500 K and 6500 K
-  Switch between fog and white light
-  Dim light manually or by remote control
-  Set timer to change colors between interval
-  Use remote to control timer, dimmer and turn lights on and off.







[www.yuanglight.com](http://www.yuanglight.com)  
5F, No. 210, Sec. 2, Zhonghua Road,  
Tucheng District, 236 New Taipei City, Taiwan  
+886 2 2268 0546  
+886 2 2268 1907  
[service@cyuang.com](mailto:service@cyuang.com)  
[@yuanglight](#)