

HUIVOLT



ABOUT US

HUIVOLT

In 2006, we embarked on our journey in the LED commercial and industrial lighting sectors, dedicating ourselves to providing top-notch ODM and OEM services to customers worldwide. With a strong commitment to quality assurance and innovation exploration, we have received high praise from various brand clients and achieved significant business success over the past decades.

Building on this trust, our client entrusted us with the development of highly customized LED luminaires for specialized lighting applications. This endeavor took us 14 months during which we established a dedicated R&D team focused solely on special industrial lighting solutions that ensure safety.

While these niche markets may not exhibit rapid growth or vast potential, they demand high-quality and exceptionally professional LED luminaires to guarantee safety and functionality—an unwavering responsibility we embrace.

As a result, we developed the following product families:

2009

LED Explosion-proof lights

2017

Work and portable lights

2014

LED Grow lights

2019

LED Balloon/Tower lights

We may not be conventional businessmen seeking immense profits; rather, we see ourselves as cultivators who nurture every inch of land we traverse while serving those who work outdoors year-round in need of safe and convenient lighting solutions.

At the end, please allow us to share our company motto:

Embrace curiosity; be a challenger.

Stay ahead of time.

Commit to being unique and standing out from all others.

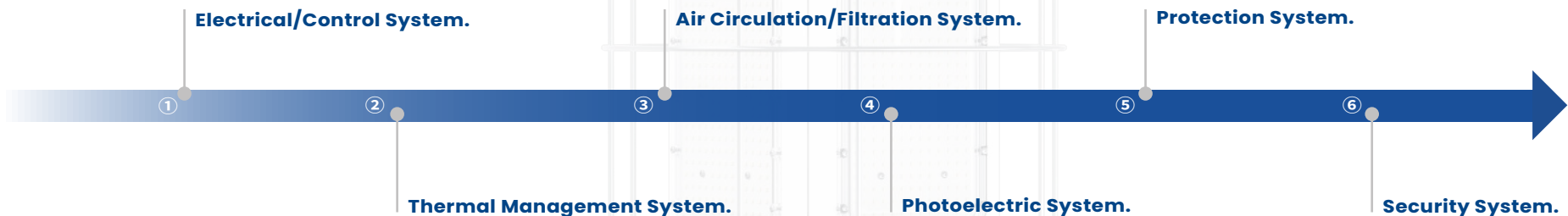
ABOUT PROUDCTS

Technological innovation has consistently been the cornerstone of productivity and lies at the heart of product development. With over a decade of technical expertise and experience in LED Lighting, **HUIVOLT** has established a highly professional product development team dedicated to rethinking and redesigning LED Tower Family Lights.

After thoroughly considering factors such as personnel safety, lighting safety, electrical safety, stable performance, and comprehensive functionality under actual conditions including usage sites, construction environments, and installation facilities, the 3.0 version of the **HUIVOLT** lighthouse was successfully launched following 14 months of rigorous verification, prototype testing, and mold setting.

Finally, this version has garnered the approval and praise of our professional customers.

In terms of product design and performance, **HUIVOLT** version 3.0 takes into account the following six systems:



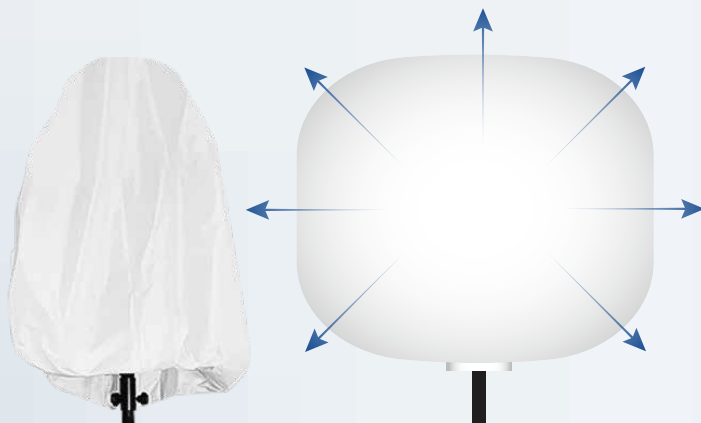
Quality is paramount for products to succeed in the market.

Adhering to this principle, **HUIVOLT** places significant emphasis on this requirement during the design of lighthouse lamps, integrating additional safety considerations while ensuring optimal product performance, photoelectric technical parameters, and other technical requirements of the lamps themselves.

HUIVOLT will continue to update, iterate, and develop its vertical light series with its own expertise, striving to create maximum value for our customers—a pursuit and practice that has always been **HUIVOLT**'s goal.



360° Diffused



REFLECTIVE



ALPHA SERIES

The Alpha Series is an indispensable companion for event and camping lighting. It is ideal for various outdoor activities such as weddings, concerts, and camping, providing soft ambient light to create a pleasant overall atmosphere. Compact and portable, it can also be used with a power bank, making it convenient and efficient.

60W-150W

P06

DELTA SERIES

The Delta Series is mainly designed for various construction sites and road rescue operations, such as roadwork and building construction. It provides 360-degree glare-free illumination, preventing the dangers associated with harsh, blinding lights. It ensures adequate lighting for nighttime construction and road rescue, making night work as convenient as daytime operations.

500W-800W

P08

SKY PRO RGBW

The SKY PRO RGBW is ideal for various dances, weddings, and parties. Its dynamic RGBW soft lighting creates a fantastic overall atmosphere for events, while its portability makes it the perfect choice for any dance or party.

100W-500W

P11

GAMMA SERIES

The Gamma Series is primarily designed for various indoor and outdoor temporary work sites, such as interior renovations and small outdoor events. It is a reliable lighting companion for temporary workplaces, providing high-quality, glare-free illumination.

200W-320W

P07

OMEGA SERIES

The Omega Series is specifically designed for various road construction projects and mining sites. It provides 360-degree glare-free and shadow-free illumination, ensuring a safe nighttime working environment for workers. More energy-efficient than traditional lighting products, it can also be paired with a generator, offering convenience and efficiency.

1000W-1400W

P09

STARTREK CUSTOM SERIES

The STARTREK CUSTOM SERIES is designed for various film and television shoots, providing high-quality lighting for production. Its lightweight, glare-free, and shadow-less design makes it the optimal choice for film and TV production.

1000W

P12

CCT Adjustable

360° Illumination

Diffused Light

No Glare

IP65

Easy Setup

Dimmable

Rapid Heat Dissipation

Alpha Series

60W-150W



5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

FEATURES

Dimmable (Manual or Remote control).

Foldable tripod and cover; Lightweight; Portable; Easy quick setup.

Glare-free; Diffused light; 360° illumination; Dimmable; On-off button switch.

Weather resistance; Life span > 50,000hrs; Low maintenance.

Balloon material: Waterproof, translucent, anti-UV, flame-retardant.

Filtration device: Prevent mosquitoes, dust, and other dirt from entering the lamp.

ACCESSORIES



SPECIFICATIONS

Lamp	Model	HV-BL-60W	HV-BL-100W	HV-BL-150W
	Power	60W	100W	150W
Lamp	Voltage	AC100-277V	AC100-277V	AC100-277V
	Frequency	50/60Hz	50/60Hz	50/60Hz
Lamp	PF	≥0.95	≥0.95	≥0.95
	Cable length	16.4 ft/ 5 meters	16.4 ft/ 5 meters	16.4 ft/ 5 meters
Lamp	LED Chips	Lumileds	Lumileds	Lumileds
	Lumen	9600lm	16000lm	24000lm
Lamp	CRI	≥70Ra	≥70Ra	≥70Ra
	CCT	3000K-6000K(Adjustable)	3000K-6000K(Adjustable)	3000K-6000K(Adjustable)
Lamp	Inflated Dimension	1.31x0.98 ft/400x300mm	1.31x0.98 ft/400x300mm	1.97x1.35 ft/600x410mm
	Lamp Weight	9.92 LBS/4.5kg	11.02 LBS/5.0kg	16.76 LBS/7.6kg
Tripod	Height(min-max)	3.54-6.56 ft/1080-2000mm	3.54-6.56 ft/1080-2000mm	3.54-6.56 ft/1080-2000mm
	Net Weight	9.92 LBS/4.5kg	9.92 LBS/4.5kg	9.92 LBS/4.5kg
	Collapsed Height	1.31 ft/1080mm	1.31 ft/1080mm	1.31 ft/1080mm
	Collapsed width	0.361 ft/110mm	0.361 ft/110mm	0.361 ft/110mm

ACCESSORIES



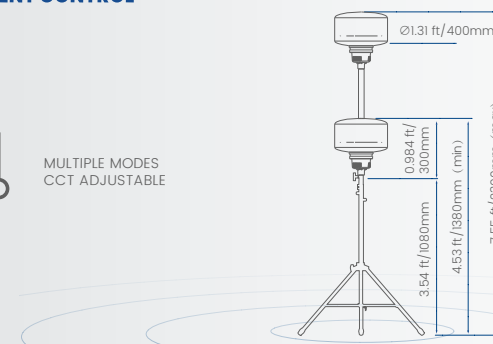
INTELLIGENT CONTROL



MULTIPLE MODES
CCT ADJUSTABLE

DIMENSIONS

LED LUMEN UP TO 24000 LM




CCT Adjustable


360° Illumination


Diffused Light


No Glare


IP65


Easy Setup


Dimmable


Rapid Heat Dissipation

Gamma Series
200W-320W



5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

FEATURES

Dimmable (Manual or Remote control).

Foldable tripod and cover; Lightweight; Portable; Easy quick setup.

Glare-free; Diffused light; 360° illumination; Dimmable; On-off button switch.

Weather resistance; Life span > 50,000hrs; Low maintenance.

Balloon material: Waterproof, translucent, anti-UV, flame-retardant.

Filtration device: Prevent mosquitoes, dust, and other dirt from entering the lamp.

SPECIFICATIONS

Lamp	Model	HV-BL-200W	HV-BL-320W
	Power	200W	320W
	Voltage	AC100-277V	AC100-277V
	Frequency	50/60Hz	50/60Hz
	PF	>0.95	>0.95
	Cable length	16.4 ft/ 5 meters	16.4 ft/ 5 meters
	LED Chips	Lumileds	Lumileds
	Lumen	32000lm	51200lm
	CRI	>70Ra	>70Ra
	CCT	3000K-6000K(Adjustable)	3000K-6000K(Adjustable)
	Inflated Dimension	1.97x1.35 ft/600x410mm	1.97x1.35 ft/600x410mm
	Lamp Weight	17.2 LBS/7.8kg	17.86 LBS/8.1kg
Tripod	Height(min-max)	3.54-6.56 ft/1080-2000mm	3.54-6.56 ft/1080-2000mm
	Net Weight	9.92 LBS/4.5kg	9.92 LBS/4.5kg
	Collapsed Height	1.31 ft/1080mm	1.31 ft/1080mm
	Collapsed width	0.361 ft/110mm	0.361 ft/110mm

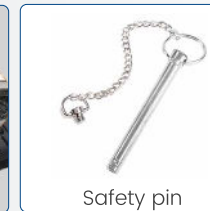
ACCESSORIES

INTELLIGENT CONTROL

DIMENSIONS



Air filter



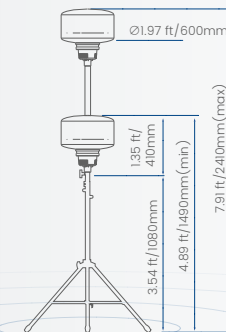
Safety pin



Control



3stages
CCT ADJUSTABLE



 **LUMEN UP TO 51200 LM**



High Efficiency
160 lm/w



360° Illumination



Diffused Light



No Glare



IP65



Easy Setup



Dimmable



Rapid Heat Dissipation

Delta Series

500W-800W



5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

FEATURES

500W-800W Dimmable (Manual or Remote control).

Foldable tripod and cover; Lightweight; Portable; Easy quick setup.

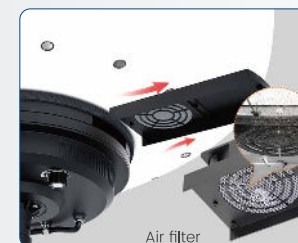
Glare-free; Diffused light; 360° illumination; Dimmable; On-off button switch.

Weather resistance; Life span > 50,000hrs; Low maintenance.

Balloon material: Waterproof, translucent, anti-UV, flame-retardant.

Filtration device: Prevent mosquitoes, dust, and other dirt from entering the lamp.

ACCESSORIES



Air filter



Adapter

Safety pin



Control

SPECIFICATIONS

	Model	HV-BL-500W	HV-BL-600W	HV-BL-700W	HV-BL-800W
Lamp	Power	500W	600W	700W	800W
	Voltage	AC90-305V	AC90-305V	AC90-305V	AC90-305V
	Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	PF	≥0.95	≥0.95	≥0.95	≥0.95
	Cable length	32.8ft/10 meters	32.8ft/10 meters	32.8ft/10 meters	32.8ft/10 meters
	LED Chips	Lumileds	Lumileds	Lumileds	Lumileds
	Driver Brand	Inventronics	Inventronics	Inventronics	Inventronics
	Lumen	80000lm	96000lm	112000lm	128000lm
	CRI	≥70Ra	≥70Ra	≥70Ra	≥70Ra
	CCT	3000k/5000K	3000k/5000K	3000k/5000K	3000k/5000K
Tripod	Inflated Dimension	2.95x2 ft/900x610mm	2.95x2 ft/900x610mm	2.95x2 ft/900x610mm	2.95x2 ft/900x610mm
	Lamp Weight	40.57 LBS/18.4kg	41.45 LBS/18.8kg	42.33 LBS/19.2kg	43.21 LBS/19.6kg
	Height(min-max)	6.17-12.47 ft/1880-3800mm	6.17-12.47 ft/1880-3800mm	6.17-12.47 ft/1880-3800mm	6.17-12.47 ft/1880-3800mm
	Net Weight	32.63 LBS/14.8kg	32.63 LBS/14.8kg	32.63 LBS/14.8kg	32.63 LBS/14.8kg
	Collapsed Height	6.17 ft/1880mm	6.17 ft/1880mm	6.17 ft/1880mm	6.17 ft/1880mm
	Collapsed width	0.689 ft/210mm	0.689 ft/210mm	0.689 ft/210mm	0.689 ft/210mm

ACCESSORIES



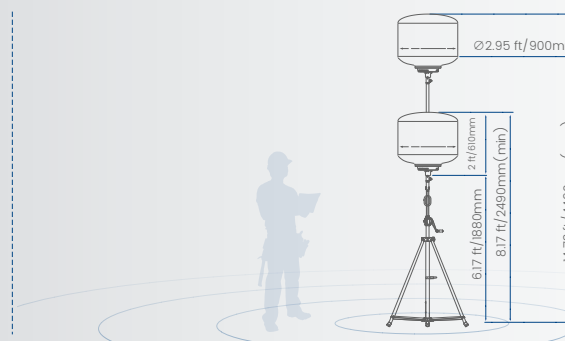
Tripod carry bag

Tripod

Light carry bag

DIMENSIONS

LED LUMEN UP TO 128000 LM





High Efficiency
160 lm/w



360° Illumination



Diffused Light



No Glare



IP65



Easy Setup



Dimmable



Rapid Heat Dissipation

Omega Series

1000W-1400W



5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

FEATURES

1000W-1400W Dimmable (Manual or Remote control).

Foldable tripod and cover; Lightweight; Portable; Easy quick setup.

Glare-free; Diffused light; 360° illumination; Dimmable; On-off button switch.

Weather resistance; Life span > 50,000hrs; Low maintenance.

Balloon material: Waterproof, translucent, anti-UV, flame-retardant.

Filtration device: Prevent mosquitoes, dust, and other dirt from entering the lamp.

ACCESSORIES



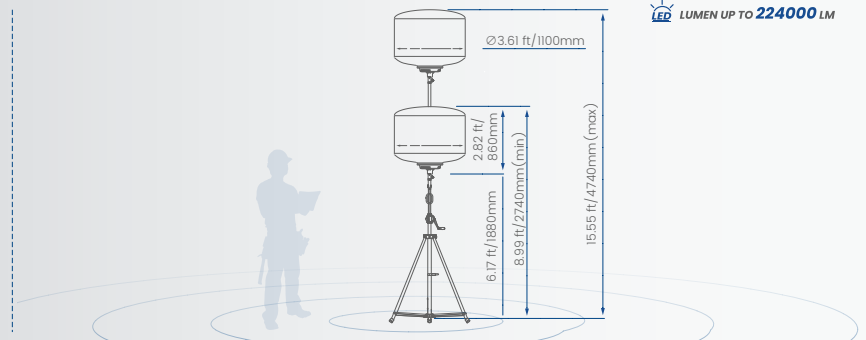
SPECIFICATIONS

	Model	HV-BL-1000W	HV-BL-1200W	HV-BL-1400W
Lamp	Power	1000W	1200W	1400W
	Voltage	AC90-305V	AC90-305V	AC90-305V
	Frequency	50/60Hz	50/60Hz	50/60Hz
	PF	≥0.95	≥0.95	≥0.95
	Cable length	32.8ft/10 meters	32.8ft/10 meters	32.8ft/10 meters
	LED Chips	Lumileds	Lumileds	Lumileds
	Driver Brand	Inventronics	Inventronics	Inventronics
	Lumen	160000lm	192000lm	224000lm
	CRI	≥80Ra	≥80Ra	≥80Ra
	CCT	3000K/5000K	3000K/5000K	3000K/5000K
	Inflated Dimension	3.6x2.82 ft	3.6x2.82 ft	3.6x2.82 ft
	Lamp Weight	25.7kg	26.1kg	26.5kg
Tripod	Height(min-max)	6.17-12.47 ft/1880-3800mm	6.17-12.47 ft/1880-3800mm	6.17-12.47 ft/1880-3800mm
	Net Weight	32.63 LBS/14.8kg	32.63 LBS/14.8kg	32.63 LBS/14.8kg
	Collapsed Height	6.17 ft/1880mm	6.17 ft/1880mm	6.17 ft/1880mm
	Collapsed width	0.689 ft/210mm	0.689 ft/210mm	0.689 ft/210mm

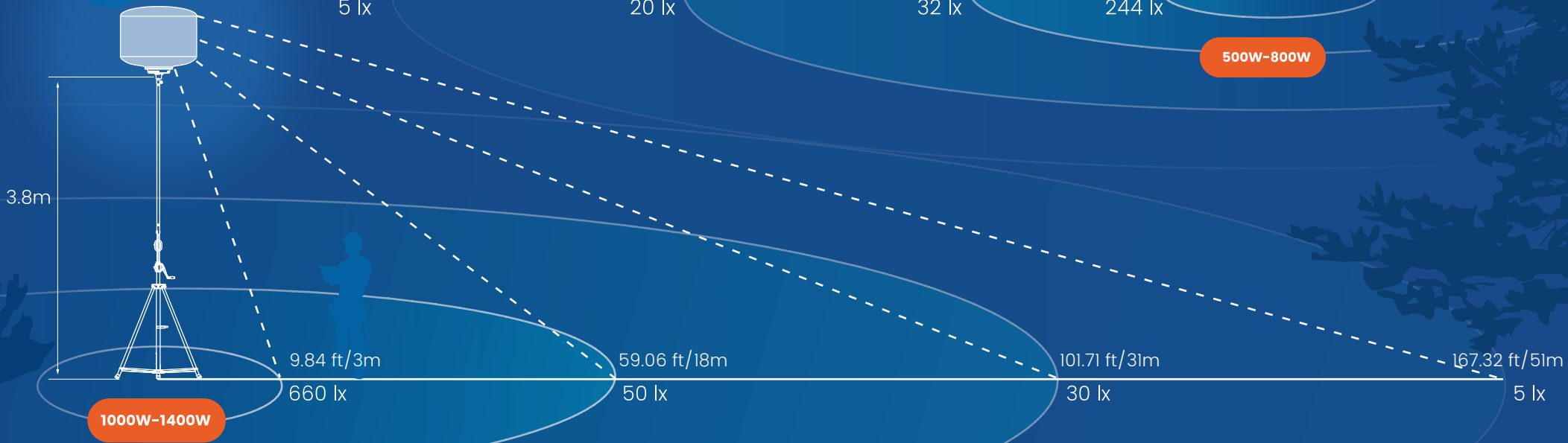
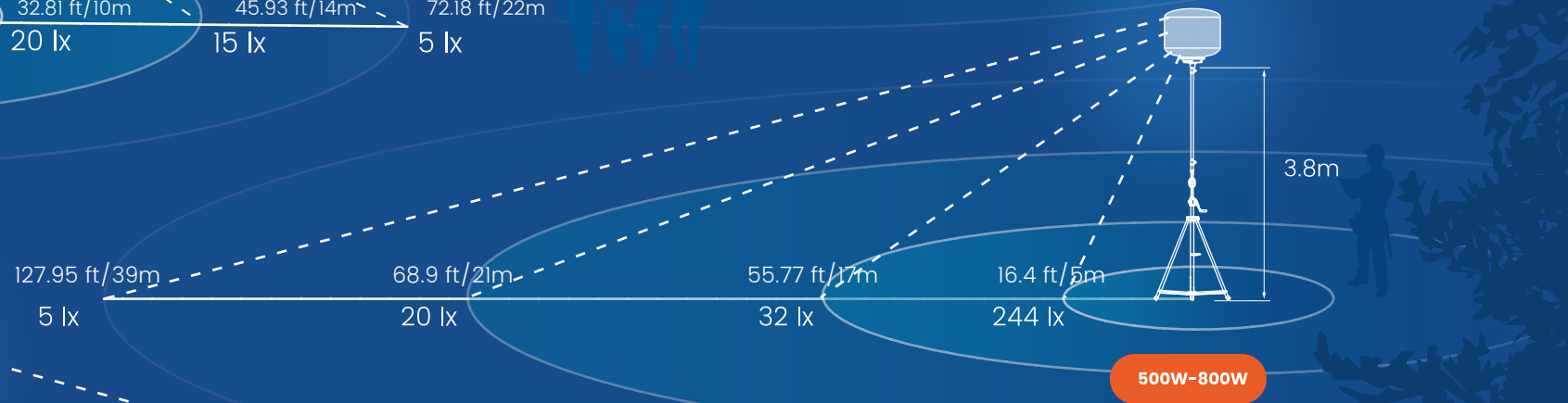
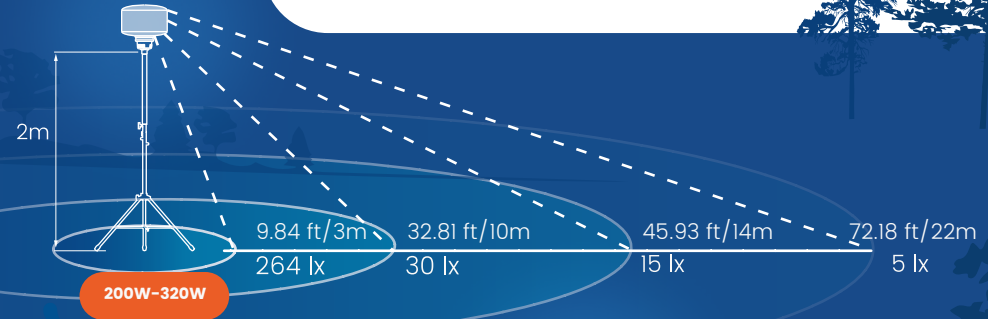
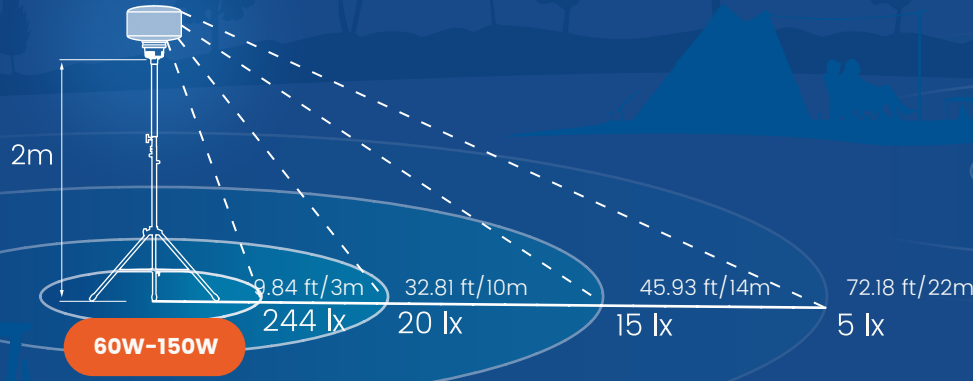
ACCESSORIES



DIMENSIONS



GROUND COVERAGE OF ILLUMINATION



Data for reference only, actual values may differ.

High Efficiency
80 lm/W

360°illumination

Diffused Light

No Glare

IP65

Easy Setup

Dimmable

Rapid Heat Dissipation

Sky Pro RGBW

100W-500W



5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

FEATURES

100W-500W Dimmable (Remote control).

Foldable tripod and cover; Lightweight; Portable; Easy quick setup.

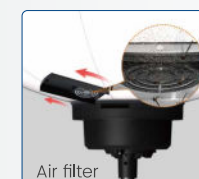
Glare-free; Diffused light; 360° illumination; Dimmable; On-off button switch.

Weather resistance; Life span > 50,000hrs; Low maintenance.

Balloon material: Waterproof, translucent, anti-UV, flame-retardant.

Filtration device: Prevent mosquitoes, dust, and other dirt from entering the lamp.

ACCESSORIES



Air filter



Remote control

SPECIFICATIONS

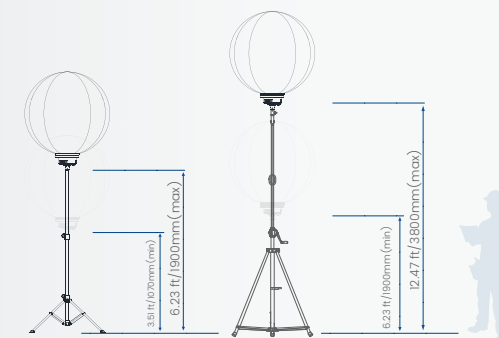
Lamp	Model	HV-BL-100W-RGBW	HV-BL-240W-RGBW	HV-BL-400W-RGBW	HV-BL-500W-RGBW
	Power	100W	240W	400W	500W
	Voltage	AC100-277V	AC100-277V	AC100-277V	AC100-277V
	Frequency	50/60Hz	50/60Hz	50/60Hz	50Hz
	PF	≥0.95	≥0.95	≥0.95	≥0.95
	Cable length	16.4 ft/5 meters	16.4 ft/5 meters	32.8ft/10 meters	32.8ft/10 meters
	LED Chips	Lumileds	Lumileds	Lumileds	Lumileds
	Lumen	8000lm	19000lm	64000lm	40000lm
	CRI	≥70Ra	≥70Ra	≥70Ra	≥70Ra
	CCT	RGBW	RGBW	RGBW	RGBW
Tripod	Inflated Dimension	Ø2.62 ft/800mm	Ø2.62 ft/800mm	Ø3.94 ft/1200mm	Ø3.94 ft/1200mm
	Lamp Weight	9.92 LBS/4.5kg	9.92 LBS/4.5kg	17.86 LBS/8.1kg	17.86 LBS/8.1kg
	Height(min-max)	3.51-6.23 ft/1070-1900mm	3.51-6.23 ft/1070-1900mm	3.54-12.47 ft/1880-3800mm	3.54-12.47 ft/1880-3800mm
	Net Weight	13.89 LBS/6.3kg	13.89 LBS/6.3kg	32.63 LBS/14.8kg	32.63 LBS/14.8kg
	Collapsed Height	3.44 ft/1050mm	3.44 ft/1050mm	3.54 ft/1880mm	3.54 ft/1880mm
	Collapsed width	0.689 ft/210mm	0.689 ft/210mm	0.689 ft/210mm	0.689 ft/210mm

ACCESSORIES

Tripod(Optional 6.23 ft/900mm or 12.47 ft/3800mm)



DIMENSIONS



360°illumination

Diffused Light

No Glare

IP65

Easy Setup

Dimmable

Rapid Heat Dissipation

StarTrek Custom Series

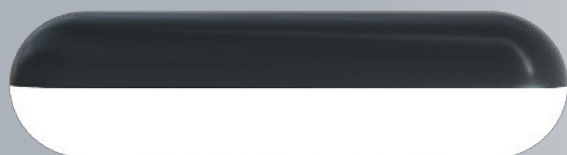
1000W



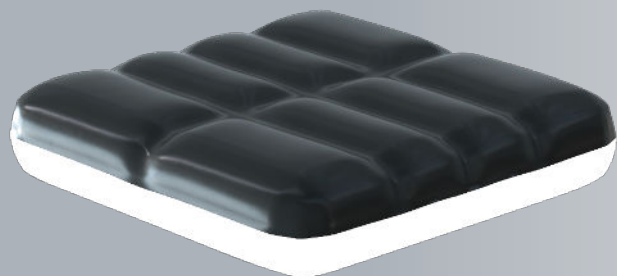
5-YEAR WARRANTY

LED BALLOON LIGHT TOWER

Tube  Air or Helium Filled



Pad  Air or Helium Filled



FEATURES

All kinds of film scenes – action, love, horror, science fiction, documentary, comedy, tragedy, war, crime, animation etc.

TV studio – used indoor for general TV recording program, news, talkie etc.

TV on live – sport event, festivals, grand celebration, specials etc. both indoor or outdoor

Entertainment Live Show, Fashion Show etc. on TV

Photographic studio for camera shooting, or outdoor lighting for picture shooting

Golf course large area illumination; Military or logistic facility temporary site lighting

Many other places or themes related to TV and film recording with a soft and flicker light requirement

SPECIFICATIONS

Tube	Light source	LED
	CCT	2800 K to 6500 K
	CRI	>93
	TCLI	98+
	LED lifetime	50,000 h
	Power supply (PSU)	110~240 VAC 50-60 Hz
	Nb Power supply unit	1
	Power consumption	1000 W
	IP Protection	IP65
	Noise level	Noiseless
Pad	Mesh network balloons	328.08 ft (109 yd) between each balloon
	Envelope dimensions	3.60 x 3.60 m 1.40 m x 1.40 m(11.8 x 11.8 x 4.6 ft)
	Helium Volume	18 m³(640 ft³)

ACCESSORIES

Guy rope set, skirt, 20 m(65.62ft) extension,
helium cylinder connection



APPLICATIONS

Alpha Series

60W-150W

P06

Gamma Series

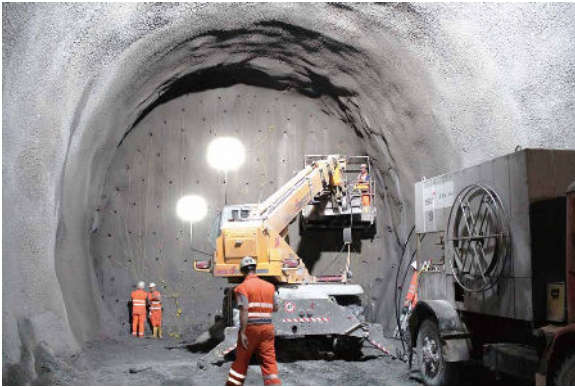
200W-320W

P07

LED BALLOON LIGHT TOWER

APPLICABLE TO VARIOUS
SCENARIOS





APPLICATIONS

Delta Series —

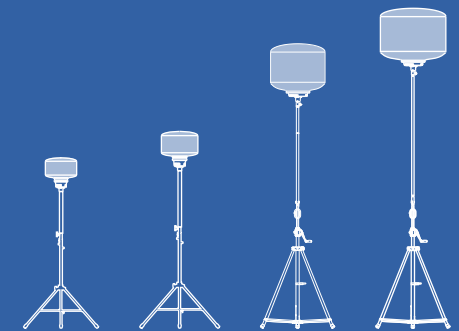
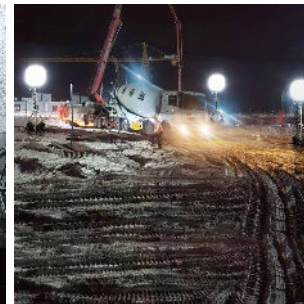
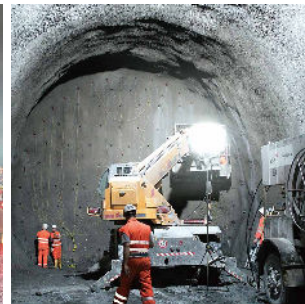
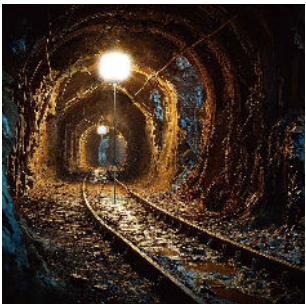
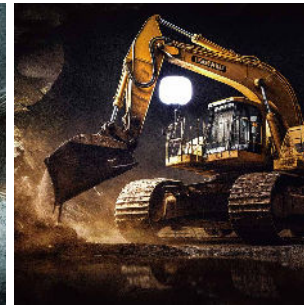
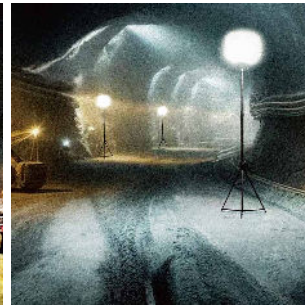
500W-800W P08

Omega Series —

1000W-1400W P09

LED BALLOON LIGHT TOWER

APPLICABLE TO VARIOUS
SCENARIOS





APPLICATIONS
Sky Pro RGBW —
100W-500W **P11**

**LED
BALLOON
LIGHT TOWER**



APPLICATIONS

**StarTrek
Custom Series**

1000W

P₁₂

LED BALLOON LIGHT TOWER

APPLICABLE TO VARIOUS
SCENARIOS

Accessories



Tripod

Height(min-max)	3.54x6.56 ft/1080-2000mm
Net Weight	9.92 LBS/4.5kg
Collapsed Height	1.31 ft/1080mm
Collapsed width	0.361 ft/110mm

Tripod

Height(min-max)	6.17x12.47 ft/1880-3800mm
Net Weight	32.63 LBS/14.8kg
Collapsed Height	6.17 ft/1880mm
Collapsed width	0.689 ft/210mm



Manual lifting rod



Trolley

Hand-cranked lever raised height	19.69 ft/6m
Hand-cranked lever closed height	5.74 ft/1750mm
Weight	59.52 LBS/27kg
Top steel pipe size	0.164x0.164 ft/50x50mm square tube
Base pipe size	0.328x0.328 ft/100x100mm square tube
Number of steel pipe sections	4 sections
Load	22.05-66.14 LBS/10-30KG
Mast type	Multi-section telescopic mast
Material	Galvanized steel pipe
Lifting method	Hand-cranked lifting
Winch	1200 LBS
Winch function	With self-locking
Surface treatment	Galvanized/sprayed
Stabilizing legs	2 groups
Number of wheels	4 pieces
Wheel specifications	Φ 0.82 ft/250mm
Brake	Yes
Trolley net weight	88.18 LBS/40KG
Dimensions	4x2.79x3.12 ft/1220x850x950mm

Telescopic trailer for carry bag

Load-bearing capacity	110.23 LBS/50kg
size	1.48*0.82*0.361 ft/45*25*11cm
color	Black



Portable Power



AC Output Power	600W	1200W
Battery Type	LiFePO4	LiFePO4
Battery Capacity	31AH/19.2V	36AH/32V
Materials	ABS+PC	ABS+PC
AC Output Voltage	110V	110V
Weighth	14.99 LBS/6.8KG	31.53 LBS/14.3KG

Generator



Type and Voltage Regulation	Synchronous generator, AVR
Rated power	2.8kW
Maximum power	3KW
Rated voltage(optional)	120V/230V
Rated Current	12.2A
12V DC output	8.3A/12V
Frequency(optional)	50/60Hz
Display	LCD
Displacement (oz/H)	0.8
Fuel	92#95# gasoline
Fuel tank volume (oz)	140.8 oz/4L
Engine oil quantity (oz)	15.84 oz/0.45L
Full Loading Running Time (H)	4H
Start method	Remote start & electric start & hand start
Noise (dBA/22.97 ft)	60dBA/22.97 ft/7m
Product size	1.59*0.935*1.49 ft/485*285*455mm
Package size	1.87*1.21*1.57 ft/570*370*480mm
Net weight (LBS)	50.71 LBS/23KG
Gross weight (LBS)	57.76 LBS/26.6KG