

.....  
> 2024 catalogue

# Sirocco

RANGE



SAFETY LIGHTNING  
PRODUCTS



**AIRSTAR**

world leader in lighting balloons

# > Airstar, the reference

In 1994, we invented the lighting balloon concept. Since then the Sirocco by Airstar has become a global reference.

The envelope of an Airstar Sirocco is made from a woven material which diffuses the internal light source. Our products light up where others don't, providing better visibility of the immediate work area and its surroundings. For all your projects, quality lighting is essential to work efficiently and in a secure environment.

Airstar lighting balloons meet this need, thanks to homogeneous and diffused 360° light, without shadow and glare-free.



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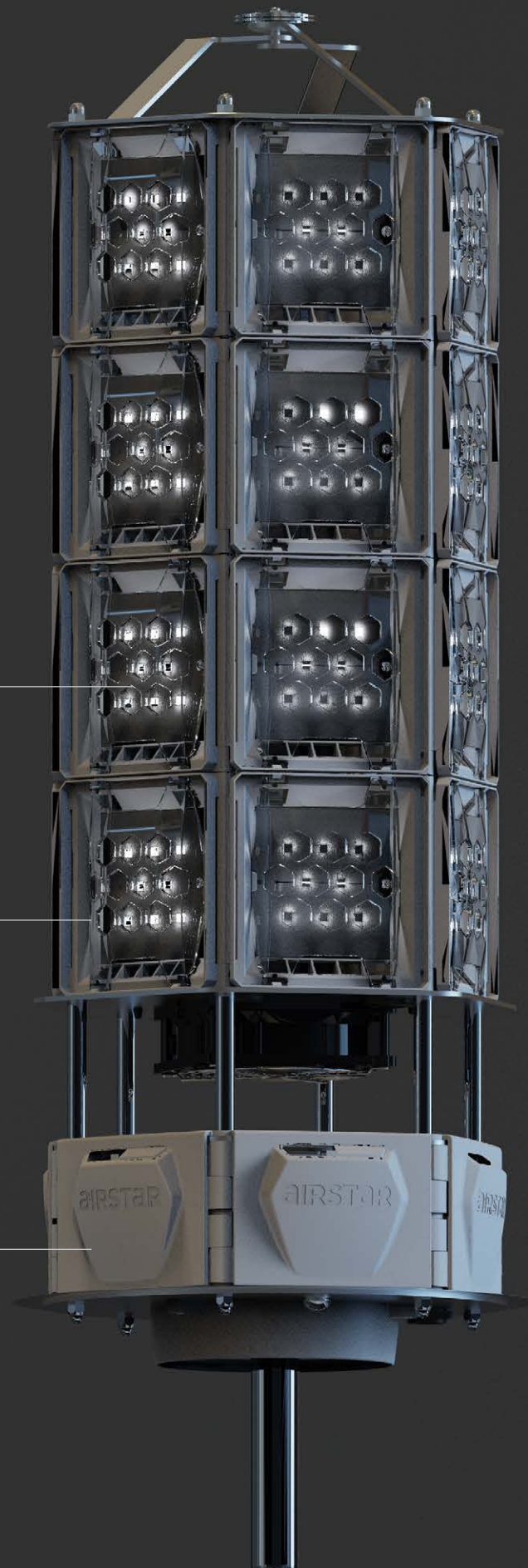
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1 LED module  
Infinite combinations

Intelligent on-board systems

The most reliable technology



# > Airstar LED Matrix

a unique lighting solution

a patented innovation

a 100% Airstar technology

This innovation is based on the development of a unique device worldwide known as Matrix: **a matrix light structure comprising various independent LED modules and on-board information systems**. All the hardware, software and firmware components are 100 % Airstar-made.

Our products are connected to each other via the Mesh network, and to the user via Bluetooth and the very simple to use Airstar app. This means that you can control up to 250 balloons, but also select various lighting effects.

This **technological unit** is an integral part of all our lighting balloons, in particular for the Sirocco Redtech range.

On the safety lighting market, our Sirocco balloons are currently **the best performing and the lightest, with the lowest electricity consumption, and are the only ones to offer these specifications**.

**They provide a host of advantages:**

- > **High-performance lighting** thanks to the combined power of the LED modules and the choice of the best technology around
- > **An upgradeable platform:** newly created features and uses (sensory, error analysis, etc.) will be available soon
- > **A modular and customisable architecture:** 1 to 72 LED modules and an infinite choice of light power and shapes
- > **A highly robust mechanical structure** due to the modular assembly
- > **A lightweight product** thanks to the matrix structure
- > **Continuity of service:** no black-outs, since each module is independent and redundant
- > **Easier maintenance:** each component of the structure is common to all the products, and the product design was intended to facilitate component replacement



> See the difference



no shadow / glare-free

> homogenous  
and 360° diffuse light



At equivalent power, comparison between  
the lighted area of a **projector** and  
the lighted area of an **Airstar lighting balloon**.



# > Sirocco range



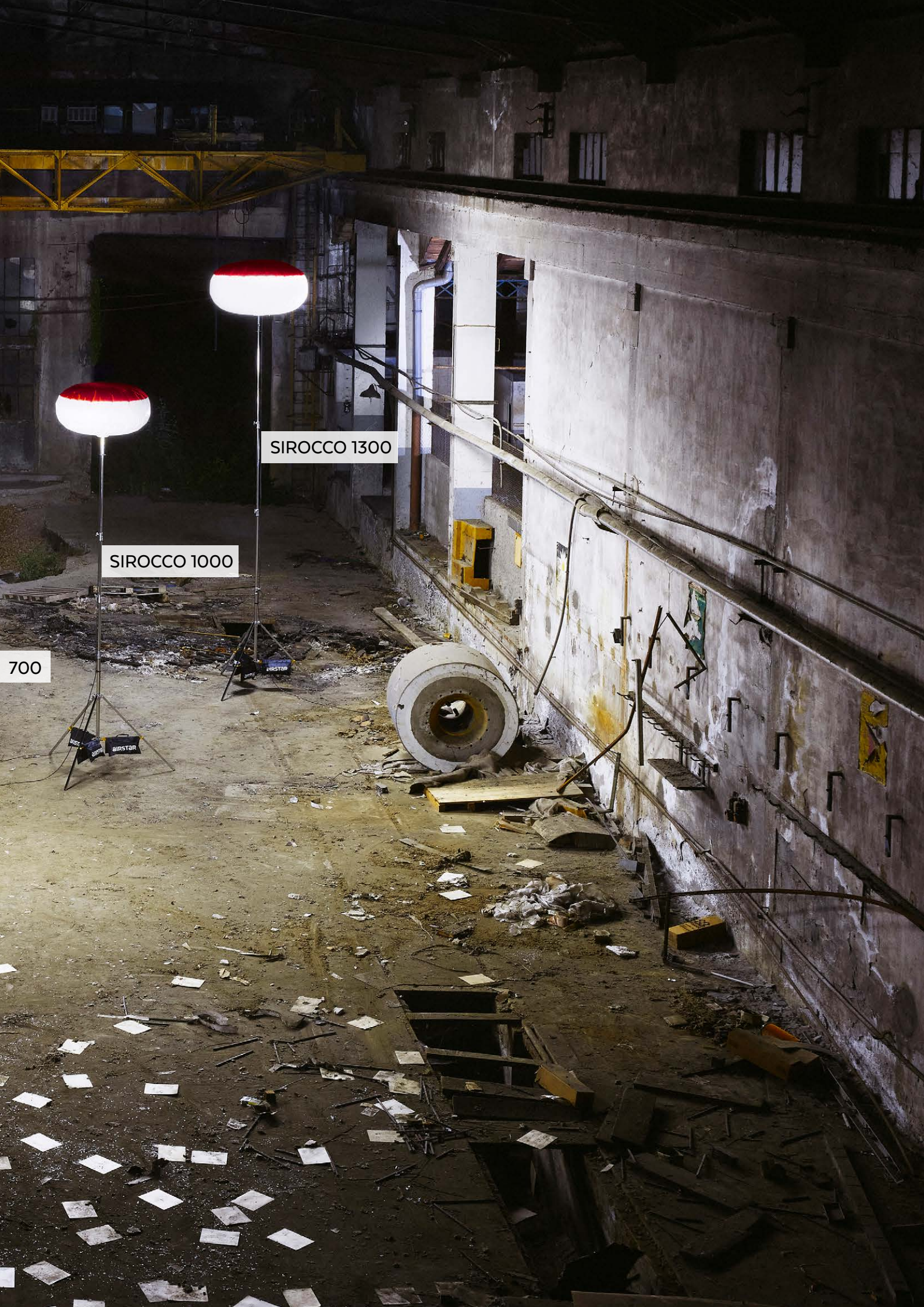
SIROCCO 300  
PROPACK

SIROCCO 300

SIROCCO 500

SIROCCO





SIROCCO 1300

SIROCCO 1000

700



# > Safety lighting markets

Construction  
Night works  
Maintenance  
Mining and oil sites



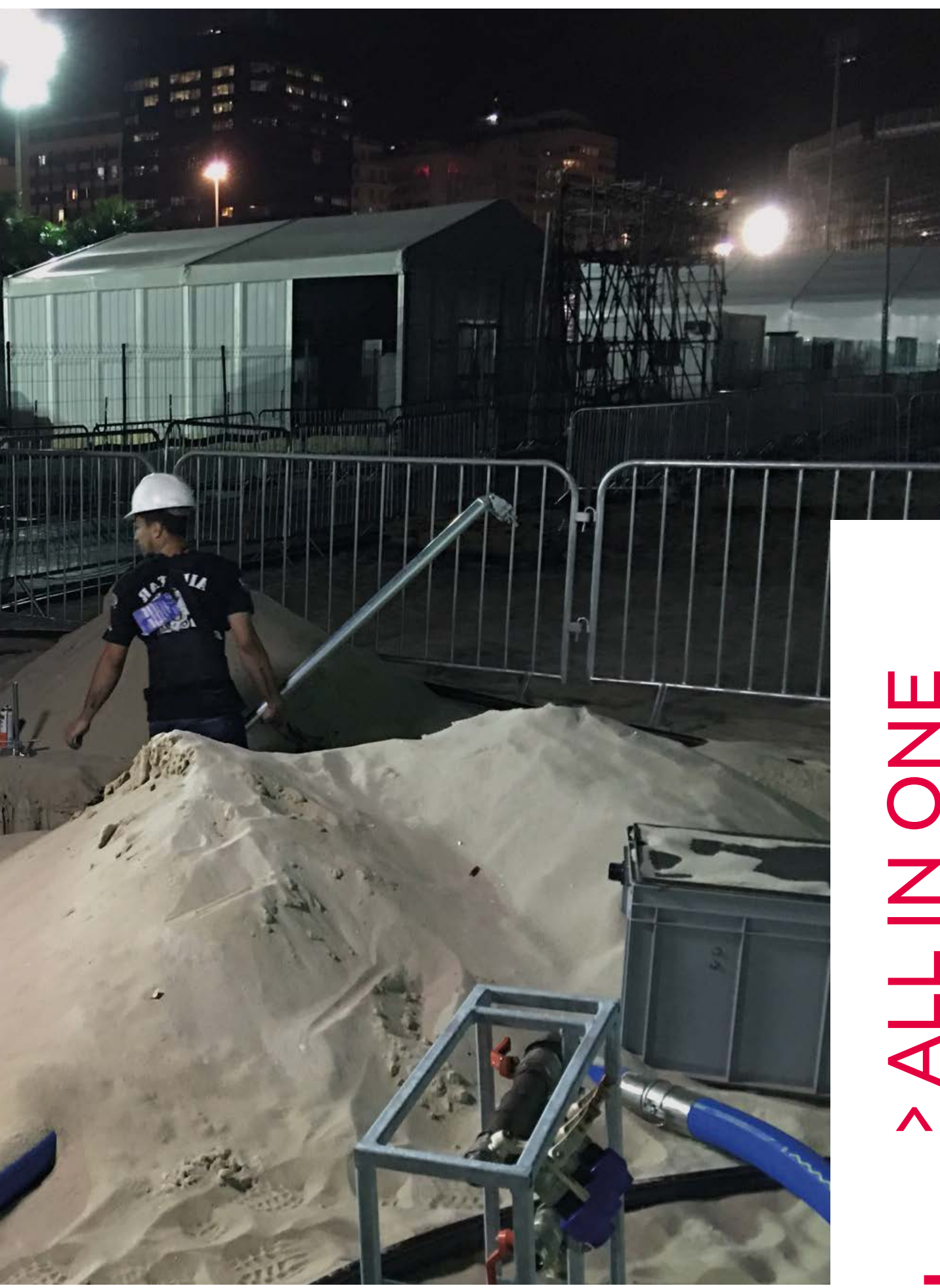




Civil Security - Firefighters  
Homeland Security - Police and Governments  
Emergency Medical Services  
Military







> ALL IN ONE









# Sirocco 300

## ProPack

 **22,000**  
LUMEN

 **2.8kg 5.9lb**  
LIGHTWEIGHT

 **5,000 K**  
DAYLIGHT COLOR

 **12**  
hrs



## Weight and dimensions

Net weight of the balloon	2.3 kg - 5 lb
Envelope size	ø 60 cm / h 37 cm ø 23 in / h 15 in
Telescopic column	Up to 2,20 m (7.2 ft) Weight 1.6 kg (3.5 lb)

## Packaging

Included in the transport case:

Full set lighting balloon with 1x standard envelope with telescopic column,  
1x 52V battery, 1x battery charger, 1x quick-start guide, 1x envelope repair patch kit

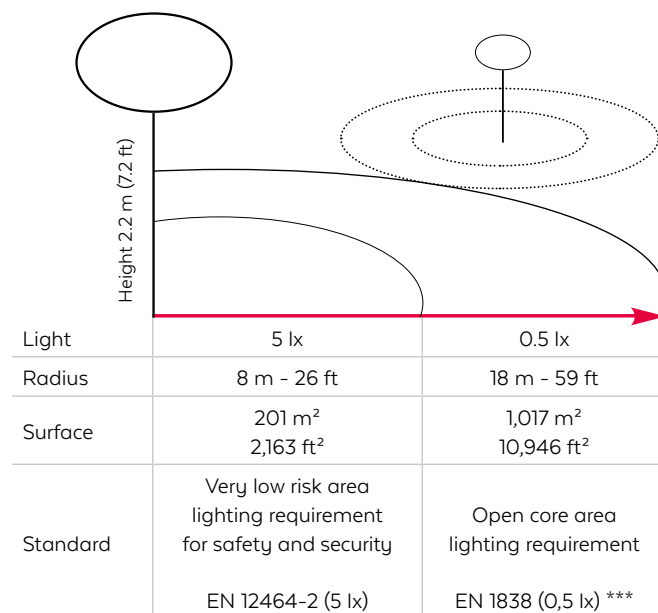
Transport case	67 x 51 x 26 cm (L*w*h) 26 x 20 x 10 in (L*w*h)
Transport gross weight	Less than 23 kg (50 lb)

## Accessories & Main options

Envelop variants	Lenticular, reversed reflector, personalised with your logo, red top colour modifiable
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## Lighting data

Light Engine	Airstar LED Matrix: 4 x 5 500 lm
Maximum lumen	22,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	345 lx - 32 fc



## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	160 W
Efficiency	138 lm/W 8,148 lm/kg - 3,728 lm/lb
Available voltage	52 V battery
Mode	Full Efficient Eco
Battery lifetime	4 h 6.5 h 12 h
Recommended battery	1,7 kWh / 52 V
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available









ELITE



# Sirocco 300



**22,000**  
LUMEN



**2.8kg 5.9lb**  
LIGHTWEIGHT



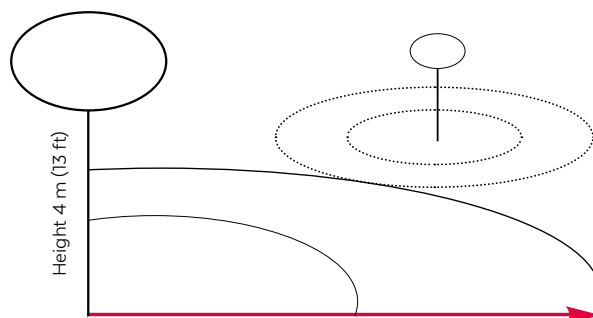
**5,000 K**  
DAYLIGHT COLOR



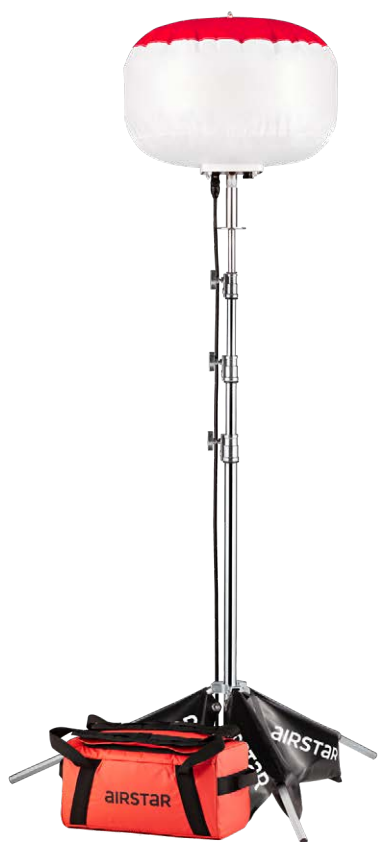
**Power Switch**

## Lighting data

Light Engine	Airstar LED Matrix: 4 x 5 500 lm
Maximum lumen	22,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	112 lx - 10.4 fc



Light	5 lx	0.5 lx
Radius	10 m - 33 ft	21 m - 69 ft
Surface	314 m <sup>2</sup> 3,380 ft <sup>2</sup>	1,385 m <sup>2</sup> 14,908 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) ***



## Weight and dimensions

Net weight of the balloon	2.8 kg - 5.9 lb
Envelope size	ø 60 cm / h 37 cm ø 23 in / h 15 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x standard envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit, 1x battery power cord (optional with PowerSwitch)

Transport bag	47 x 25 x 25 cm (L*w*h) 19 x 10 x 10 in (L*w*h)
Transport gross weight	Less than 7 kg (15.4 lb)

## Recommended accessories

Stand 4 m	Height from 126 cm (49 in) to 400 cm (157 in) Weight 6.7 kg (15 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

## Main options



(Battery input 52V & Backup power)

Provides flexibility in use and installation while ensuring safety (continuity in case of power failure) and bolstering security in work environments to avert accidents

Envelope variants	Lenticular, reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	160 W
Efficiency	138 lm/W 8,148 lm/kg - 3,728 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended battery	1,6 kWh / 52 V
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available





# Sirocco 500



**44,000**  
LUMEN



**3.5kg 7.8lb**  
LIGHTWEIGHT



**5,000 K**  
DAYLIGHT COLOR

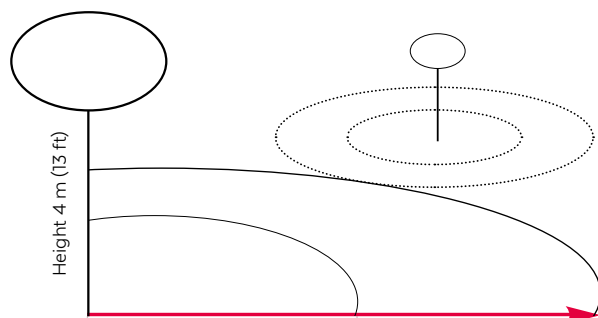


**Power Switch**



## Lighting data

Light Engine	Airstar LED Matrix: 8 x 5 500 lm
Maximum lumen	44,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	263 lx - 24.4 fc



Light	5 lx	0.5 lx
Radius	15 m - 49,2 ft	27 m - 88,5 ft
Surface	706 m <sup>2</sup> 7,599 ft <sup>2</sup>	2,289 m <sup>2</sup> 24,638 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) ***

## Weight and dimensions

Net weight of the balloon	3.8 kg - 7.8 lb
Envelope size	ø 85 cm / h 50 cm ø 33 in / h 19 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x standard envelope (without stand), 1x power cord (9 m/29 ft), 1x quick-start guide, 1x envelope repair patch kit, 1x battery power cord (optional with PowerSwitch)

Transport bag	58 x 25 x 25 cm (L*w*h) 22 x 10 x 10 in (L*w*h)
Transport gross weight	Less than 8.5 kg (18.5 lb)

## Recommended accessories

Stand 4 m	Height from 126 cm (49 in) to 400 cm (157 in) Weight 6.7 kg (15 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

### Main options



(Battery input 52V & Backup power)

Provides flexibility in use and installation while ensuring safety (continuity in case of power failure) and bolstering security in work environments to avert accidents

Envelope variants	Lenticular, reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	294 W
Efficiency	150 lm/W 12,429 lm/kg - 5,641 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended battery	1,6 kWh / 52 V
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available









> POWER



# Sirocco 700

**66,000**  
LUMEN

**6.5 kg 14 lb**  
LIGHTWEIGHT

**5,000 K**  
DAYLIGHT COLOR



## Lighting data

Light Engine	Airstar LED Matrix: 12 x 5 500 lm
Maximum lumen	66,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	452 lx - 41 fc

Light	5 lx	0.5 lx
Radius	15 m - 42,2 ft	32 m - 111,5 ft
Surface	707 m <sup>2</sup> 7,610 ft <sup>2</sup>	3,216 m <sup>2</sup> 34,616 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) ***

## Weight and dimensions

Net weight of the balloon	6.5 kg - 14 lb
Envelope size	ø 100 cm / h 50 cm ø 39 in / h 19 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x standard envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit

Transport bag	86 x 30 x 30 cm (L*w*h) 33 x 11 x 11 in (L*w*h)
Transport gross weight	Less than 13 kg (29 lb)

## Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 460 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

### Main options

Envelope variants	Lenticular, reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	500 W
Efficiency	132 lm/W 10,153 lm/kg - 4,605 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended generator	1 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available



\* Under normal conditions of use \*\* Lenticular Envelope \*\*\* Standard Envelope



# Sirocco 1000

**99,000**  
LUMEN

**8.6 kg 18 lb**  
LIGHTWEIGHT

**5,000 K**  
DAYLIGHT COLOR



## Lighting data

Light Engine	Airstar LED Matrix: 18 x 5 500 lm
Maximum lumen	99,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	660 lx - 61 fc

Light	5 lx	0.5 lx
Radius	17 m - 55,77 ft	36 m - 118,1 ft
Surface	907 m <sup>2</sup> 9,762 ft <sup>2</sup>	4,069 m <sup>2</sup> 13,349 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) ***

## Weight and dimensions

Net weight of the balloon	8.6 kg - 18 lb
Envelope size	ø 116 cm / h 64 cm ø 45 in / h 25 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x standard envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit

Transport bag	108 x 30 x 30 cm (L*w*h) 42 x 11 x 11 in (L*w*h)
Transport gross weight	Less than 15.5 kg (34 lb)

## Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 460 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

### Main options

Envelope variants	Lenticular, Sirflex (for permanent or semi-permanent use), reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	700 W
Efficiency	141 lm/W 11,511 lm/kg - 5,221 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended generator	1,5 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd

4 light animations available



\* Under normal conditions of use \*\* Lenticular Envelope \*\*\* Standard Envelope

# Sirocco 1300

**132,000**  
LUMEN

**9.4kg 20lb**  
LIGHTWEIGHT

**5,000 K**  
DAYLIGHT COLOR



## Lighting data

Light Engine	Airstar LED Matrix: 24 x 5 500 lm
Maximum lumen	132,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (4 m - 13 ft high)	704 lx - 65 fc

The diagram illustrates the light beam spread from a light source at a height of 4 m (13 ft). A solid line represents the 5 lx beam, and a dotted line represents the 0.5 lx beam. The 5 lx beam has a radius of 25 m (82 ft) and covers a surface area of 1,963 m² (21,129 ft²). The 0.5 lx beam has a radius of 45.5 m (149 ft) and covers a surface area of 6,500 m² (69,965 ft²).

Light	5 lx	0.5 lx
Radius	25 m - 82 ft	45,5 m - 149 ft
Surface	1,963 m <sup>2</sup> 21,129 ft <sup>2</sup>	6,500 m <sup>2</sup> 69,965 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) ***

## Weight and dimensions

Net weight of the balloon	9.4 kg - 20 lb
Envelope size	ø 138 cm / h 77 cm ø 54 in / h 30 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x standard envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit

Transport bag	108 x 30 x 30 cm (L*w*h) 42 x 11 x 11 in (L*w*h)
Transport gross weight	Less than 16.5 kg (36 lb)

## Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 460 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

### Main options

Envelope variants	Lenticular, Sirflex (for permanent or semi-permanent use), reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	920 W
Efficiency	143 lm/W 14,042 lm/kg - 6,373 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended generator	2 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd

4 light animations available



\* Under normal conditions of use \*\* Lenticular Envelope \*\*\* Standard Envelope













XELEX



# Sirocco 1000

## Flex

 **99,000**  
LUMEN

 **8.6kg 18 lb**  
LIGHTWEIGHT

 **5,000 K**  
DAYLIGHT COLOR



## Lighting data

Light Engine	Airstar LED Matrix: 18 x 5 500 lm
Maximum lumen	99,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon (4 m - 13 ft high)	660 lx - 61 fc

Height 4 m (13 ft)

Light	5 lx	0.5 lx
Radius	17 m - 55,77 ft	36 m - 118,1 ft
Surface	907 m <sup>2</sup> 9,762 ft <sup>2</sup>	4,069 m <sup>2</sup> 13,349 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) **

## Weight and dimensions

Net weight of the balloon	8.6 kg - 18 lb
Envelope size	ø 116 cm / h 64 cm ø 45 in / h 25 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x Sirflex envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit

Sirflex envelope: made from woven material with an internal, rigid pole system (no fan for inflation). Made for permanent or semi-permanent use with a higher wind resistance

Transport bag	108 x 30 x 30 cm (L*w*h) 42 x 11 x 11 in (L*w*h)
Transport gross weight	Less than 15.5 kg (34 lb)

## Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 460 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

## Main options

Envelope variants	Reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	700 W
Efficiency	141 lm/W 11,511 lm/kg - 5,221 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended generator	1,5 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available





# Sirocco 1300

## Flex

**132,000**  
LUMEN

**9.4kg 20lb**  
LIGHTWEIGHT

**5,000 K**  
DAYLIGHT COLOR



## Lighting data

Light Engine	Airstar LED Matrix: 24 x 5 500 lm
Maximum lumen	132,000 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon (4 m - 13 ft high)	704 lx - 65 fc

Light	5 lx	0.5 lx
Radius	25 m - 82 ft	45,5 m - 149 ft
Surface	1,963 m <sup>2</sup> 21,129 ft <sup>2</sup>	6,500 m <sup>2</sup> 69,965 ft <sup>2</sup>
Standard	Very low risk area lighting requirement for safety and security  EN 12464-2 (5 lx)	Open core area lighting requirement  EN 1838 (0,5 lx) **

## Weight and dimensions

Net weight of the balloon	9.4 kg - 20 lb
Envelope size	ø 138 cm / h 77 cm ø 54 in / h 30 in

## Packaging

Included in the transport bag:  
Full set lighting balloon with 1x Sirflex envelope (without stand), 1x power cord (9.2 m/30 ft), 1x quick-start guide, 1x envelope repair patch kit

Sirflex envelope: made from woven material with an internal, rigid pole system (no fan for inflation). Made for permanent or semi-permanent use with a higher wind resistance

Transport bag	108 x 30 x 30 cm (L*w*h) 42 x 11 x 11 in (L*w*h)
Transport gross weight	Less than 15.5 kg (34 lb)

## Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 460 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 per stand

### Main options

Envelope variants	Reversed reflector, personalised with your logo, red top colour modifiable
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## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	920 W
Efficiency	143 lm/W 14,042 lm/kg - 6,373 lm/lb
Available voltage	100-240 VAC / 50-60 Hz
Recommended generator	2 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

## Airstar Light App

Control your balloons easily and remotely!



Control up to 250 balloons.  
Max Mesh range between two balloons: up to 100 m - 109,3 yd



4 light animations available



# > Testimonials

“

[...] The Airstar LED balloon is ideal in difficult areas such as steep motorways embankments, is non-intrusive unlike the traditional tower light (vital when working area is at a premium) and is compact and far more cost effective to deploy in comparison to the cumbersome tower lighting set that requires a towing vehicle for each set.

Highways England have reported the lights are highly innovative and a vast improvement in comparison with other forms of lighting.

”

**Alan McHale**

*Director of Applewood Developments (UK).*

“

The Airstar was awesome! The consistency, brightness and ease of use made it easy for us to see everything we needed to see all night long. It was quiet, natural light that made us forget it was night, almost. I have used many other lighting system and I think the AirStar is clearly superior. I would highly recommend the lighting system to any public safety agency looking for an easy to set up, bright and wide berth of lighting footprint.

”

**Jim Morrissey**

*ALCO EMS, Terrorism Preparedness Director, Tactical Medic, San Francisco FBI SWAT (USA).*

“

[...] The Airstar Lights were deployed easily without difficulty and run flawlessly. The non-glare feature was beneficial, ensuring each competitor's visibility was not compromised while navigating an obstacle.

”

**F. Doug Matteo**

*Sergeant, Regional training center, Alameda county sheriff's office (USA).*





# Stands & Accessories



# Stand P400-S

## Spring



**SPRING  
SYSTEM**



**4,00 m  
157 in**



**7 kg  
15 lb**



**40 kg  
80 lb**



### Physical Specifications

Weight	7 kg (15 lb)
Maximum Height	400 cm (157 in)
Minimum Height	138 cm (54 in)
Folded Length	126 cm (49 in)
Top Attachment	Airstar Special Bushing
Footprint max diameter	130 cm (51 in)
Levelling Leg	Yes
Safety System	Spring
Recommended for	Sirocco 300 / 500

### Load Capacity

Maximum Payload Capacity	40 kg (80 lb)
Maximum Payload Capacity At Full Extension (inclination 5°)	12 kg (26 lb)



### Packaging

Dimensions	138 x 17 x 17 cm (L*w*h) 54 x 6.7 x 6.7 in (L*w*h)
Transport gross weight	8 kg (17.6 lb)

### Materials and Design

Column Material	Steel
Color	Silver

### Accessories

Sandbags  
Weight (1 unit with sand): 12 kg – 25 lb  
Recommended purchase: x3 units



Stand cover

Material: Lycra  
Shape: Triangular





# Stand P460-S Spring



**SPRING  
SYSTEM**



**4,60 m  
181 in**



**14 kg  
31 lb**



**40 kg  
80 lb**



## Physical Specifications

Weight	14 kg (31 lb)
Maximum Height	460 cm (181 in)
Minimum Height	140 cm (55 in)
Folded Length	140 cm (55 in)
Top Attachment	Airstar Special Bushing
Footprint max diameter	150 cm (59 in)
Levelling Leg	Yes
Safety System	Spring
Recommended for	Sirocco 700 / 1000 / 1300

## Load Capacity

Maximum Payload Capacity	40 kg (80 lb)
Maximum Payload Capacity At Full Extension (inclination 5°)	12 kg (26 lb)



## Packaging

Dimensions	150 x 18 x 18 cm (L*w*h) 59 x 7 x 7 in (L*w*h)
Transport gross weight	14.8 kg (32.6 lb)

## Materials and Design

Column Material	Galvanised steel
Color	Silver or black

## Accessories

### Sanbags

Weight (1 unit with sand): 12 kg – 25 lb  
Recommended purchase: x3 units



### Stand cover

Material: Lycra  
Shape: Triangular



# Stand P460-AC

## Air Cushioned



AIR CUSHIONED  
SYSTEM



4,60 m  
181 in



14 kg  
31 lb



35 kg  
77 lb

### Physical Specifications

Weight	14 kg (31 lb)
Maximum Height	460 cm (181 in)
Minimum Height	140 cm (55 in)
Folded Length	140 cm (55 in)
Top Attachement	Airstar Special Bushing
Footprint max diameter	150 cm (59 in)
Levelling Leg	Yes
Safety System	Air Cushioned
Recommended for	Sirocco 700 / 1000 / 1300

### Load Capacity

Maximum Payload Capacity	35 kg (77 lb)
Maximum Payload Capacity At Full Extension (inclination 5°)	12 kg (26 lb)



### Packaging

Dimensions	150 x 18 x 18 cm (L*w*h) 59 x 7 x 7 in (L*w*h)
Transport gross weight	14.8 kg (32.6 lb)

### Materials and Design

Column Material	Galvanised steel
Color	Silver or black

### Accessories

Sanbags  
Weight (with sand): 12 kg – 25 lb  
Recommended purchase: x3 units



Stand cover

Material: Lycra  
Shape: Triangular





# Stand P630-S

## Spring



**SPRING  
SYSTEM**



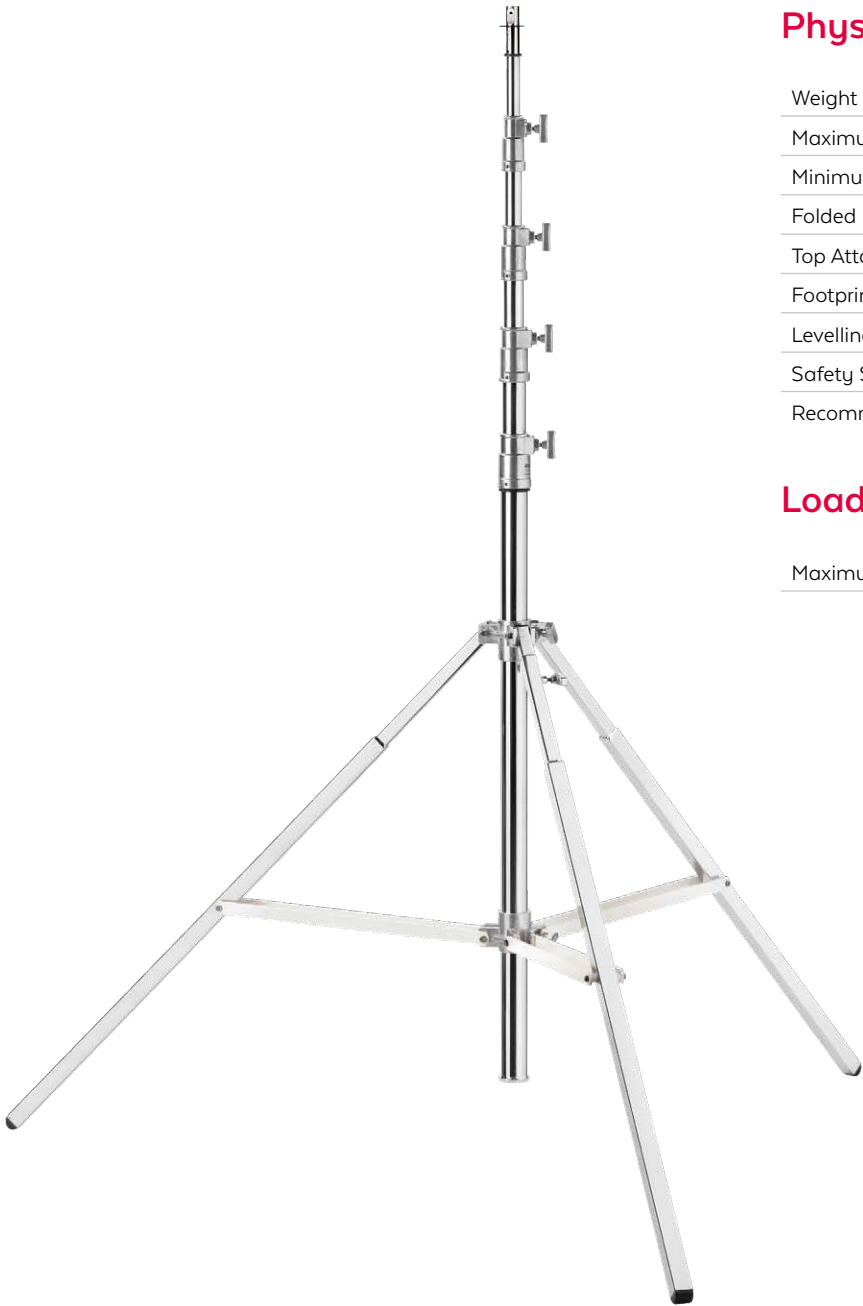
**6,30 m  
248 in**



**20 kg  
44 lb**



**30 kg  
66 lb**



### Physical Specifications

Weight	20 kg (44 lb)
Maximum Height	630 cm (248 in)
Minimum Height	178 cm (70 in)
Folded Length	188 cm (74 in)
Top Attachement	Airstar Special Bushing
Footprint max diameter	177 cm (70 in)
Levelling Leg	Yes
Safety System	Spring
Recommended for	Sirocco 700 / 1000 / 1300

### Load Capacity

Maximum Payload Capacity	30 kg (66 lb)
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### Packaging

Dimensions	187 x 17 x 16 cm (L*w*h) 73 x 7 x 6 in (L*w*h)
Transport gross weight	21 kg (46 lb)

### Materials and Design

Column Material	Galvanised steel
Color	Silver or black

### Accessories

#### Sanbags

Weight (1 unit with sand): 12 kg - 25 lb  
Recommended purchase: x3 units



#### Stand cover

Material: Lycra  
Shape: Triangular



# Stand P500AH



5,40m  
212 in



24 kg  
53 lb



37 kg  
77 lb



## Physical Specifications

Weight	24 kg (53 lb)
Maximum Height	540 cm (212 in)
Minimum Height	160 cm (63 in)
Folded Length	160 cm (63 in)
Top Attachement	Airstar Special Bushing
Footprint max diameter	110 cm (43 in)
Levelling Leg	No
Safety System	-
Recommended for	Sirocco 700 / 1000 / 1300

## Load Capacity

Maximum Payload Capacity	37 kg (77 lb)
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## Materials and Design

Column Material	Galvanised steel
Color	Silver

## Accessories

Sanbags

Weight (1 unit with sand): 12 kg - 25 lb  
Recommended purchase: x3 units





# > Accessories

Envelopes are available for the entire Sirocco range, except the Sirflex, which is only available for the Sirocco 1000 and 1300.



Envelope  
with standard reflector



Envelope  
with your company logo



Envelope  
with reversed reflector



Sirflex envelope  
for semi-permanent,  
long-term, outdoor use



Envelope  
without reflector



Lenticular envelope  
for pavers or road construction  
machines

Energy pack - 1.7 kWh  
Mini : 2 x 52 V batteries

For Sirocco 300 and 500



Sandbag  
Weight (with sand):  
12 kg - 25 lb

Recommended purchase x 3  
for each stand  
Sold without sand



Offset arm




Tilting head



Backpack  
Weight: 0,8 kg - 1 lbs


For sirocco LED 6 000 lm  
and sirocco LED 12 000 lm

## Products range summary

	ALL IN ONE	LITE	
	300 ProPack	300	500
<b>Lighting data</b>			
Light Engine	Airstar LED Matrix 4 x 5 500 lm	Airstar LED Matrix 4 x 5 500 lm	Airstar LED Matrix 8 x 5 500 lm
Maximum lumen	22,000 lm	22,000 lm	44,000 lm
Average LED life*	50,000 h	50,000 h	50,000 h
Colour temperature	5,000 K	5,000 K	5,000 K
Open core area lighting requirement (EN 1838 standard - 0,5 lx)	1,017 m <sup>2</sup> 10,946 ft <sup>2</sup>	1,385 m <sup>2</sup> 14,908 ft <sup>2</sup>	2,289 m <sup>2</sup> 24,638 ft <sup>2</sup>
<b>Technical data</b>			
Power consumption	160 W	160 W	294 W
Light efficiency	138 lm/W	138 lm/W	150 lm/W
Available voltage	52 V	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz
Power supply	Battery	Main Power or Battery	Main Power or Battery
 PowerSwitch option	No	Yes	Yes
Airstar Light App Mesh network	Yes	Yes	Yes
<b>Weight</b>			
Weight of the balloon only	2.8 kg - 5.9 lb	2.8 kg - 5.9 lb	3.8 kg - 7.8 lb
Transport gross weight	Less than 23 kg (50 lb)	Less than 7 kg (15.4 lb)	Less than 8.5 kg (18.5 lb)

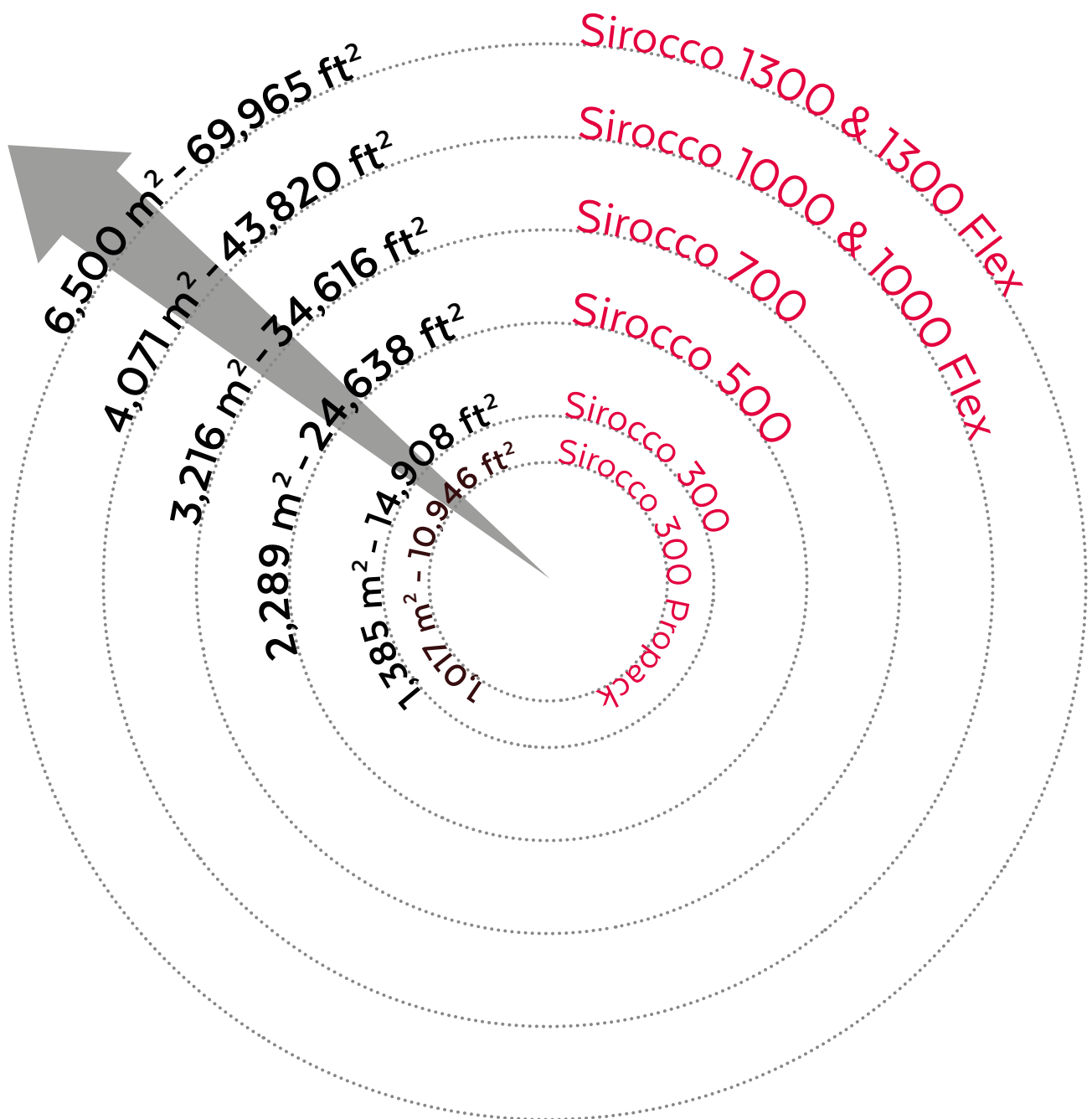
\* Under normal conditions of use



	POWER			FLEX	
	700	1000	1300	1000 FLEX	1300 FLEX
Lighting data					
Light Engine	Airstar LED Matrix 12 x 5 500 lm	Airstar LED Matrix 18 x 5 500 lm	Airstar LED Matrix 24 x 5 500 lm	Airstar LED Matrix 18 x 5 500 lm	Airstar LED Matrix 24 x 5 500 lm
Maximum lumen	66,000 lm	99,000 lm	132,000 lm	99,000 lm	132,000 lm
Average LED life*	50,000 h	50,000 h	50,000 h	50,000 h	50,000 h
Colour temperature	5,000 K	5,000 K	5,000 K	5,000 K	5,000 K
Open core area lighting requirement (EN 1838 standard - 0,5 lx)	3,216 m <sup>2</sup> 34,616 ft <sup>2</sup>	4,071 m <sup>2</sup> 43,820 ft <sup>2</sup>	6,500 m <sup>2</sup> 69,965 ft <sup>2</sup>	4,071 m <sup>2</sup> 43,820 ft <sup>2</sup>	6,500 m <sup>2</sup> 69,965 ft <sup>2</sup>
Technical data					
Power consumption	500 W	700 W	920 W	700 W	920 W
Light efficiency	132 lm/W	141 lm/W	143 lm/W	141 lm/W	143 lm/W
Available voltage	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz	100-240 VAC 50-60 Hz
Power supply	Main Power	Main Power	Main Power	Main Power	Main Power
 PowerSwitch option	No	No	No	No	No
Airstar Light App Mesh network	Yes	Yes	Yes	Yes	Yes
Weight					
Weight of the balloon only	6.5 kg - 14 lb	8.6 kg - 18 lb	9.4 kg - 20 lb	8.6 kg - 18 lb	9.4 kg - 20 lb
Transport gross weight	Less than 13 kg (29 lb)	Less than 15.5 kg (34 lb)	Less than 16.5 kg (36 lb)	Less than 15.5 kg (34 lb)	Less than 16.5 kg (36 lb)

\* Under normal conditions of use

## Comparative lighted areas









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[www.airstar-light.com](http://www.airstar-light.com)  
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