

.....
> 2025 catalogue

Sirocco

RANGE



SAFETY LIGHTING

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.

Airstar Sirocco feature an internal light source whose light is diffused by a woven material envelope. 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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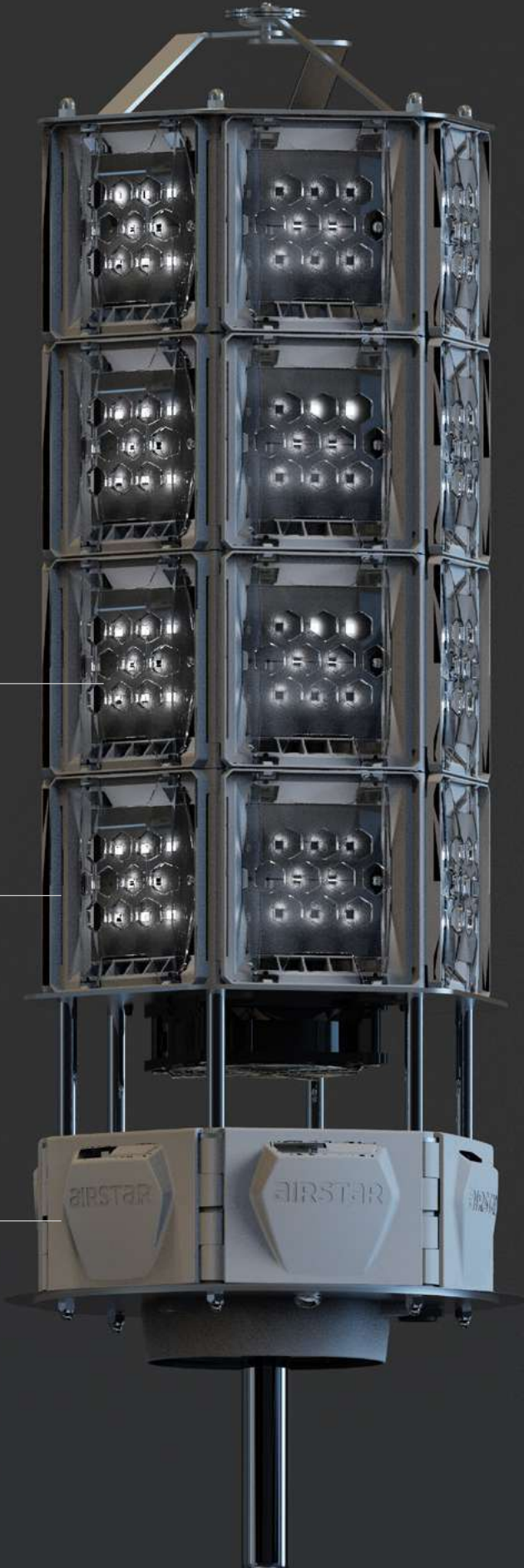
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1 LED module
Infinite combinations

The most reliable technology

Intelligent on-board systems

> 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 elements 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 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



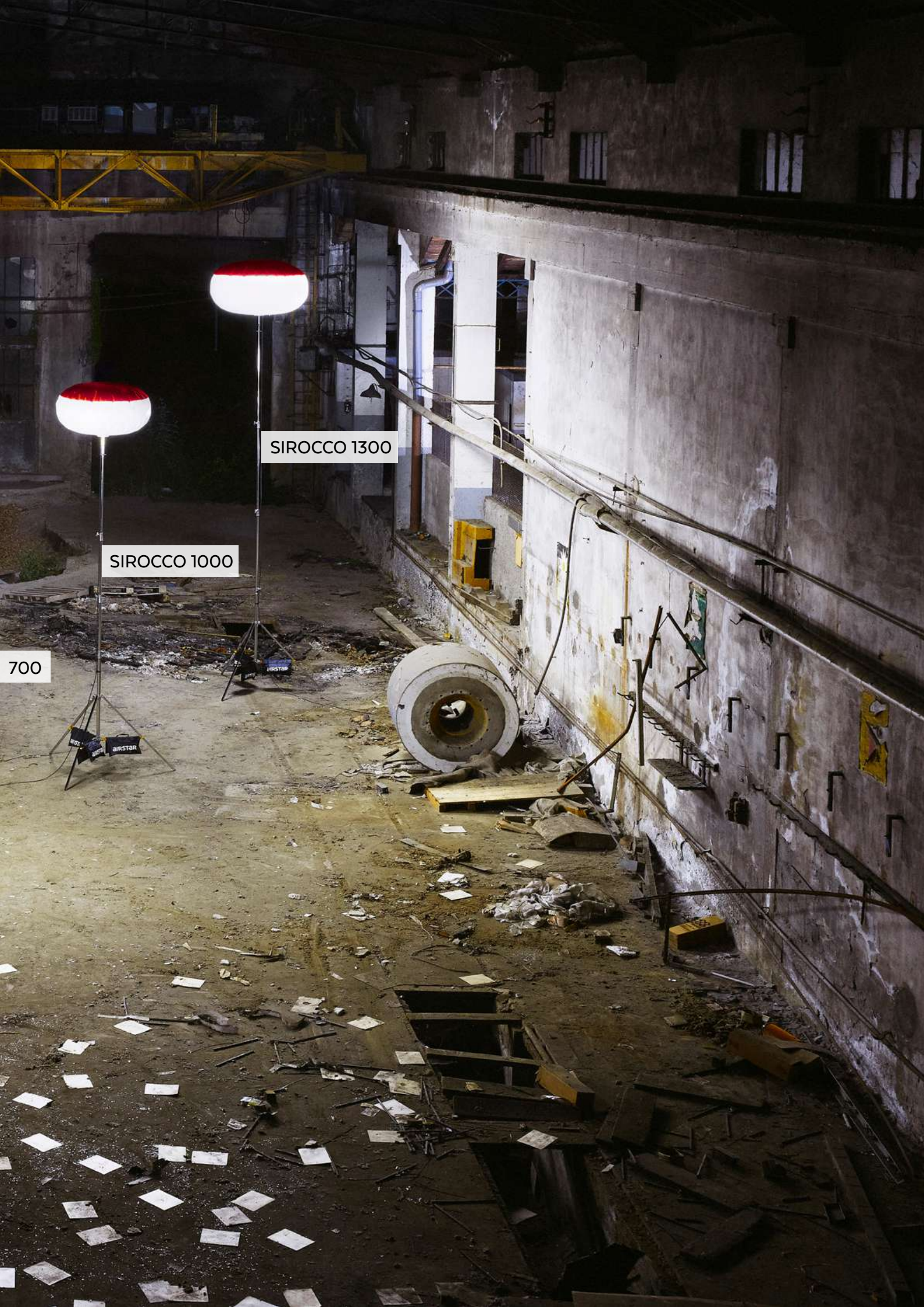
SIROCCO 300



SIROCCO 500



SIROCCO



SIROCCO 1300

SIROCCO 1000

700

> Safety lighting markets

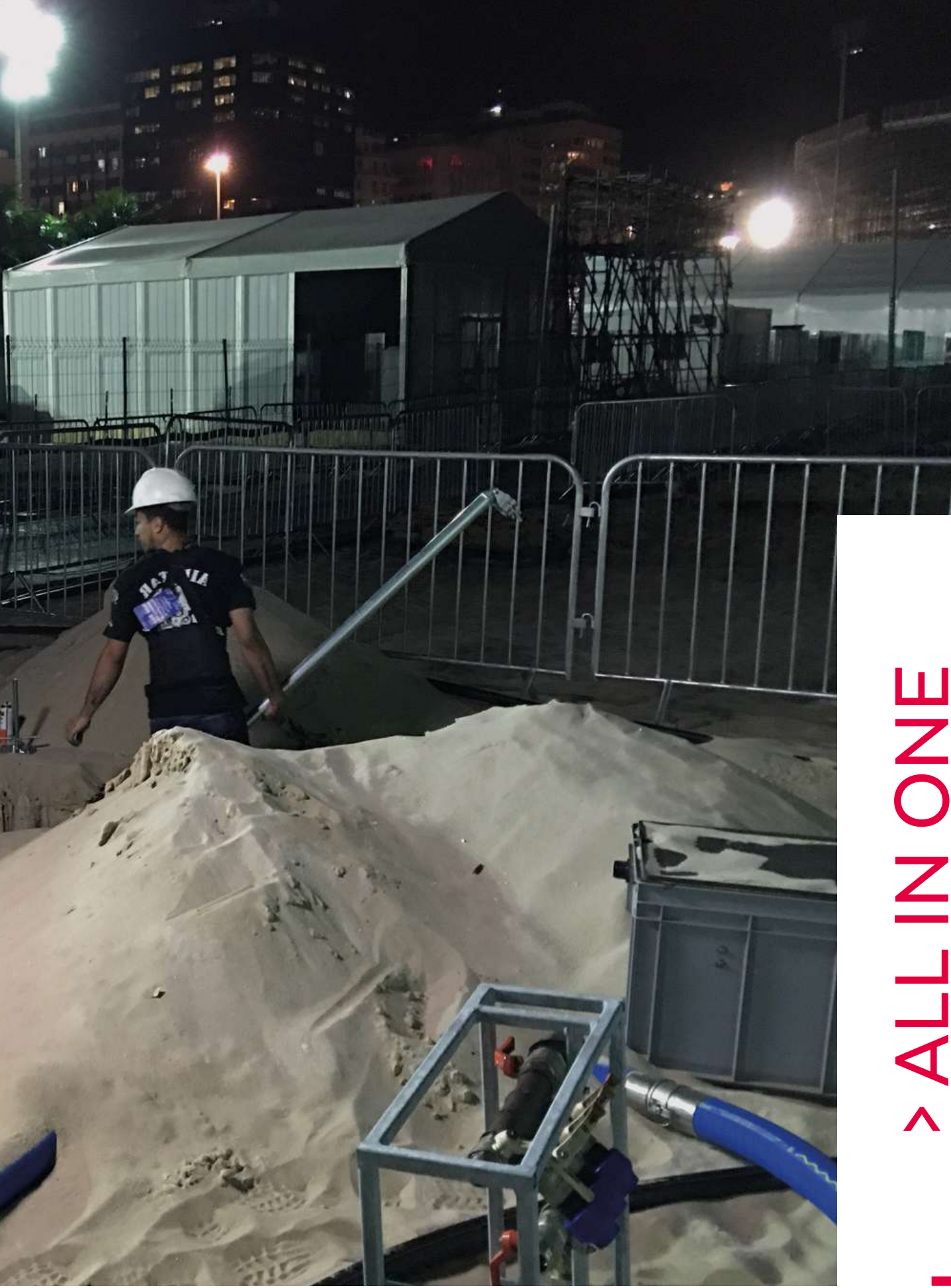
Construction - Civil engineering
Night works
Maintenance
Mining and oil sites





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





> ALL IN ONE





Sirocco 300 ProPack



20,500
LUMEN

2.3kg 5.0lb
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,
1x connecting cable

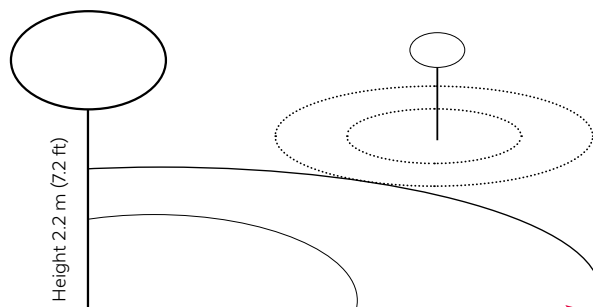
Transport case	67 x 51 x 26 cm (L*w*h) 26 x 20 x 10 in (L*w*h)
Transport gross weight	Less than 23 kg (50 lb)

Accessories & Main options

Envelope variants: Lenticular, reversed reflector, personalised with your logo, red top colour modifiable

Lighting data

Light Engine	Airstar LED Matrix : 4 x 5 125 Im
Maximum lumen	20,500 lm
Average LED life *	50,000 h
Colour temperature: daylight	5,000 K
CRI	70
Light under the balloon ** (2.2 m - 7.2 ft high)	345 lx - 32 fc



Light	5 lx	0.5 lx
Radius	8 m - 26 ft	18 m - 59 ft
Surface	201 m ² 2,163 ft ²	1,017 m ² 10,946 ft ²
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) ***

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
Battery voltage	52 V
Mode	Full Efficient Eco
Battery life	4 h 6.5 h 12 h
Recommended battery	830 Wh (16 Ah) / 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
ballons: up to 100 m - 109.3 yd



4 light animations
available



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





ELITE



Sirocco 300



22,000
LUMEN



2.8kg 5.9lb
LIGHTWEIGHT



5,000 K
DAYLIGHT COLOR

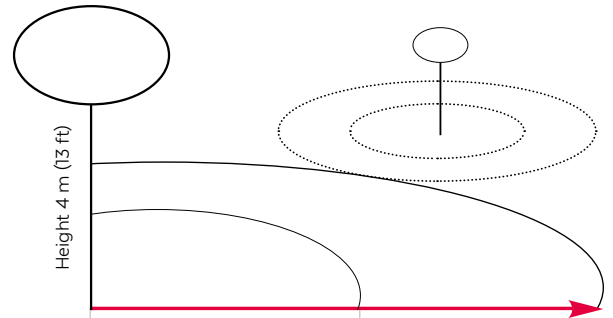


Power Switch



Lighting data

Light Engine	Airstar LED Matrix : 4 x 5 500 Im
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 ² 3,380 ft ²	1,385 m ² 14,908 ft ²
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

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 (x3 bags recommended)
PowerPack	1.7 kWh - 10 hours battery life (if PowerSwitch option)

Main options



(Battery input 52 V & 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

Envelop variants: Lenticular, reversed reflector, personalised with your logo, red top colour modifiable

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
Voltage	100-240 VAC / 50-60 Hz
Battery voltage (if PowerSwitch option)	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

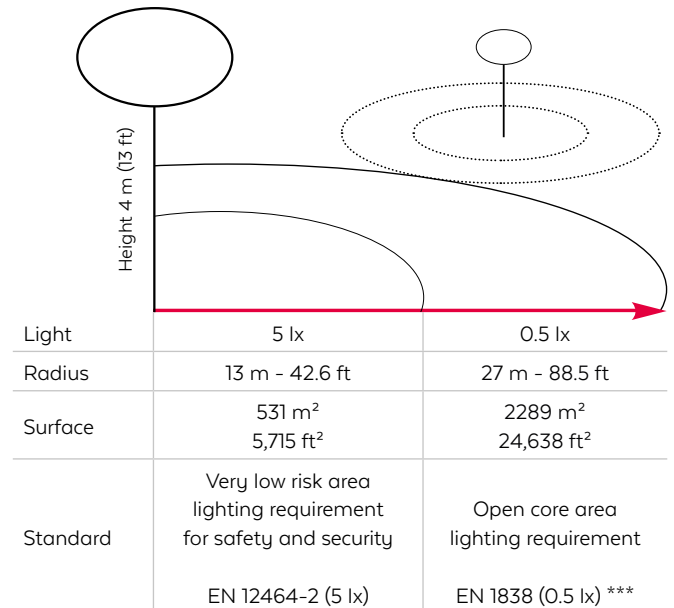
3.8kg 8.4lb
LIGHTWEIGHT

5,000 K
DAYLIGHT COLOR



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 - 18 fc



Weight and dimensions

Net weight of the balloon	3.8 kg - 8.4 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

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 (x3 bags recommended)
PowerPack	1.7 kWh - 10 hours battery life (if PowerSwitch option)

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

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
Voltage	100-240 VAC / 50-60 Hz
Battery voltage (if PowerSwitch option)	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



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





> POWER



Sirocco 700

66,000
LUMEN

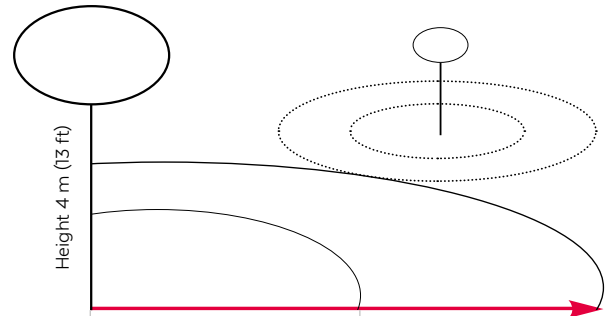
6.5kg 14lb
LIGHTWEIGHT

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 ² 7,610 ft ²	3,216 m ² 34,616 ft ²
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 480 cm (189 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 bags per stand

Main options

Envelop variants: Lenticular, reversed reflector, personalised with your logo, red top colour modifiable

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
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

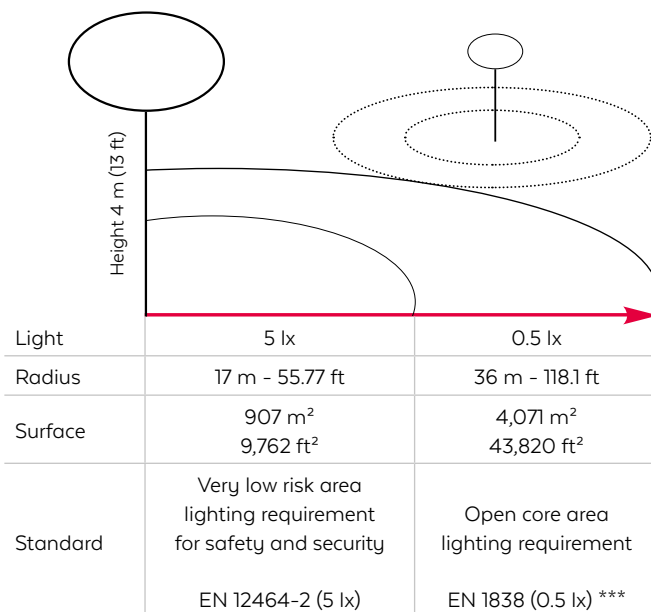
8.6kg 18lb
LIGHTWEIGHT

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



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 480 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 bags per stand

Main options

Envelop variants:
Lenticular, Sirflex (for permanent or semi-permanent use), reversed reflector, personalised with your logo, red top colour modifiable

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
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

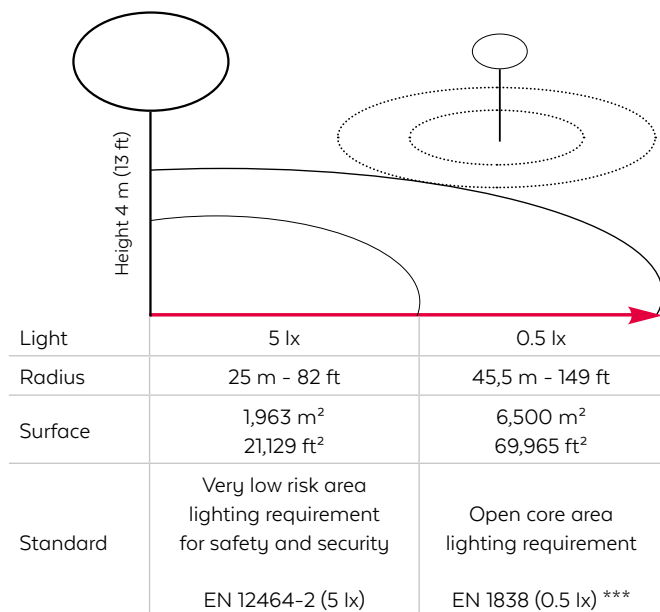
9.4kg 20lb
LIGHTWEIGHT

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



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 480 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

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
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).





> FLEX <



Sirocco 1000 Flex

99,000
LUMEN

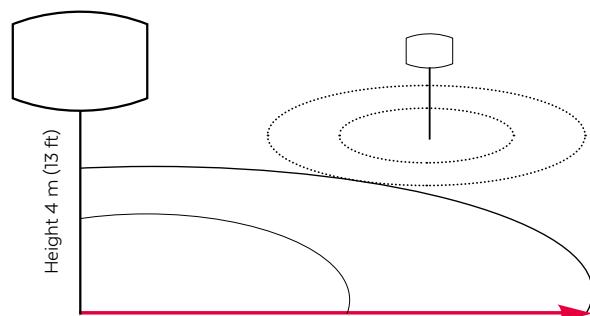
8.6kg 18lb
LIGHTWEIGHT

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 ² 9,762 ft ²	4,071 m ² 43,820 ft ²
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 480 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 bags per stand

Main options

Envelop variants: Reversed reflector, personalised with your logo, red top colour modifiable

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
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 Flex

132,000
LUMEN

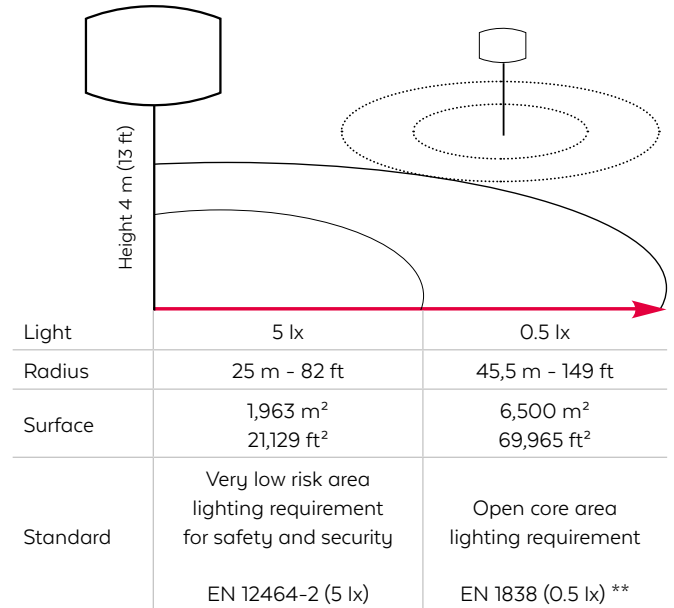
9.4kg 20lb
LIGHTWEIGHT

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



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 16.5 kg (34 lb)

Recommended accessories

Stand 5 m	Height from 140 cm (55 in) to 480 cm (181 in) Weight 13.5 kg (30 lb)
Sandbag	Weight (with sand): 12 kg - 26 lb Recommended purchase x3 bags per stand

Main options

Envelop variants: Reversed reflector, personalised with your logo, red top colour modifiable

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
Voltage	100-240 VAC / 50-60 Hz
Recommended generator	2 kVA
Certifications	IEC-60598-1, CE, IP54
Flame-retardant fabric	

Airstar Light App

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- Control up to 250 balloons.
- Max Mesh range between two balloons: up to 100 m - 109.3 yd
- 4 light animations available





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-AC

Air Cushioned



AIR CUSHIONED SYSTEM



**4,60 m
180 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 Attachment	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

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



Stand cover

Material: Lycra
Shape: Triangular



Stand P480-S Spring



**SPRING
SYSTEM**



**4,80 m
189 in**



**14 kg
31 lb**



**40 kg
80 lb**



Physical Specifications

Weight	14 kg (31 lb)
Maximum Height	480 cm (189 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

Sandbags

Weight (1 unit 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**



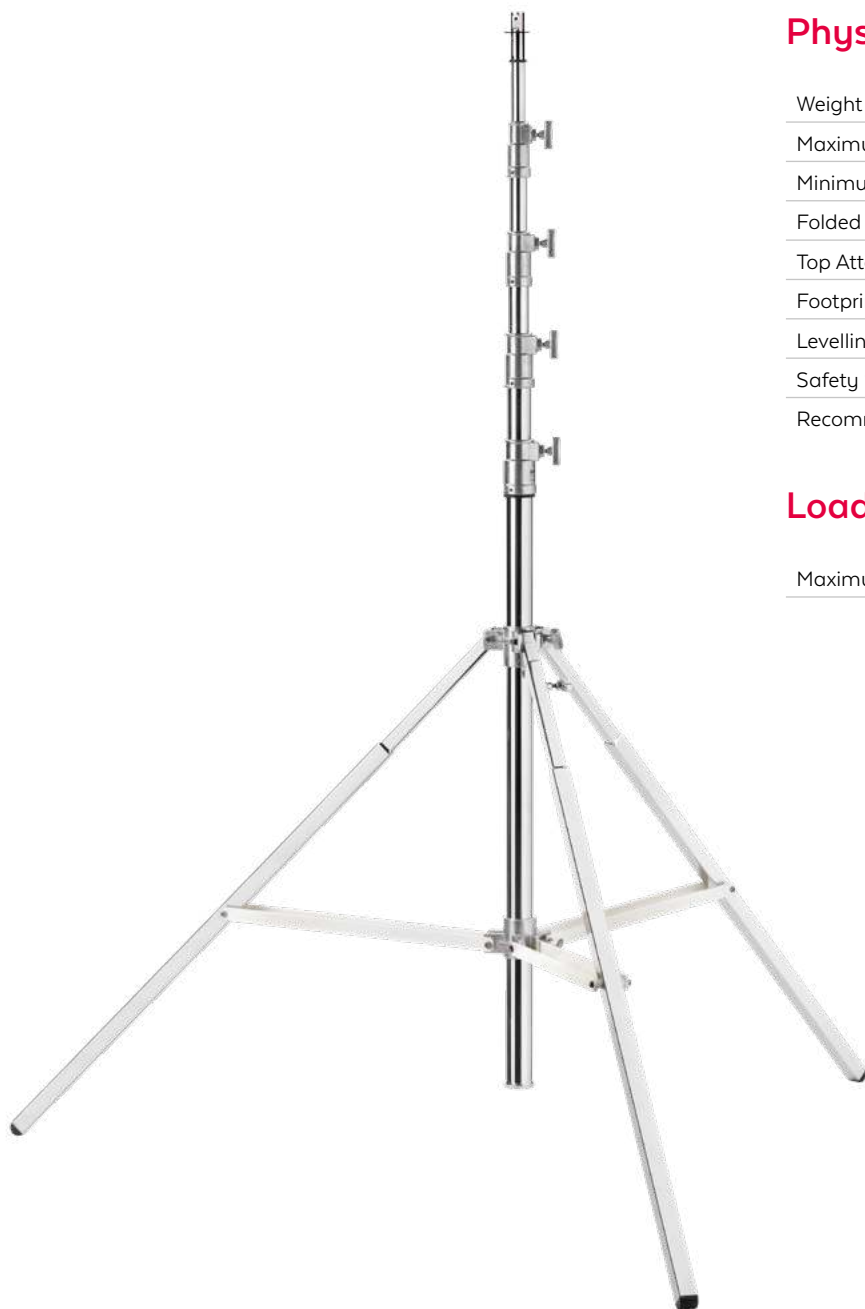
**30 kg
66 lb**

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 Attachment	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	210 x 26 x 16 cm (L*w*h) 83 x 10 x 6.3 in (L*w*h)
Transport gross weight	24 kg (53 lb)

Materials and Design

Column Material	Galvanised steel
Color	Silver or black

Accessories

Sandbags

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



Stand cover

Material: Lycra
Shape: Triangular



Stand P500AH



5,40 m
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 Attachment	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

Sandbags

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



PowerPack 1,7 kWh 52V



Technical data

Battery technology	Lithium-Ion NMC
Voltage	52V
Capacity (1 battery)	0.85 kWh
Total capacity PowerPack (2 batteries included)	1,7 kWh 32Ah
Certifications	IP54, CE
Safety documentation	MSDS sheet available
Battery charging	Via external cable (included)
Charging time	100% charge per battery: 8h
Balloon connection	Via side connector

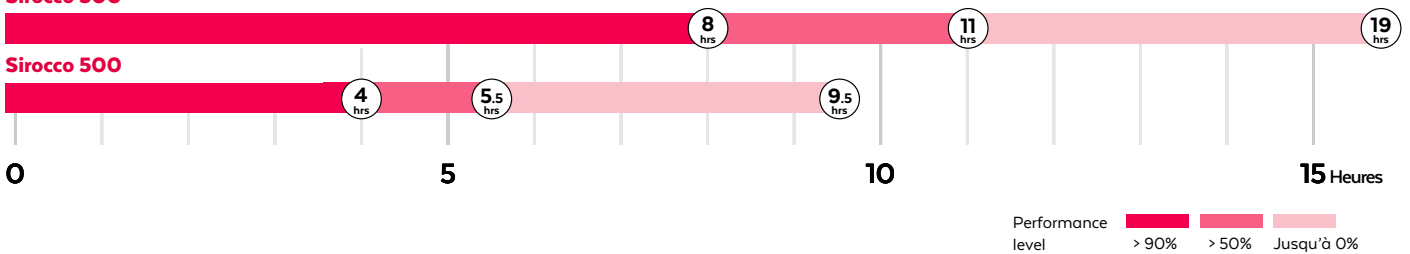
Case contents

- 2 batteries (on connexion base)
- 2 battery chargers
- Product power cable
- Protective foam
- Shockproof and waterproof case
- Side connector for external balloon connection

Autonomy *full light*

Sirocco 300

Sirocco 500



Weight and dimensions

Net weight of complete case	14,6 kg
Case dimensions	48 x 14,7 x 41,5 cm (L*h*w)

Packaging

Transport box	50 x 17 x 43,5 cm (L*h*w)
Transport gross weight (Box + complete case)	15 kg



> 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

PowerPack - 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



Suspension kit



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

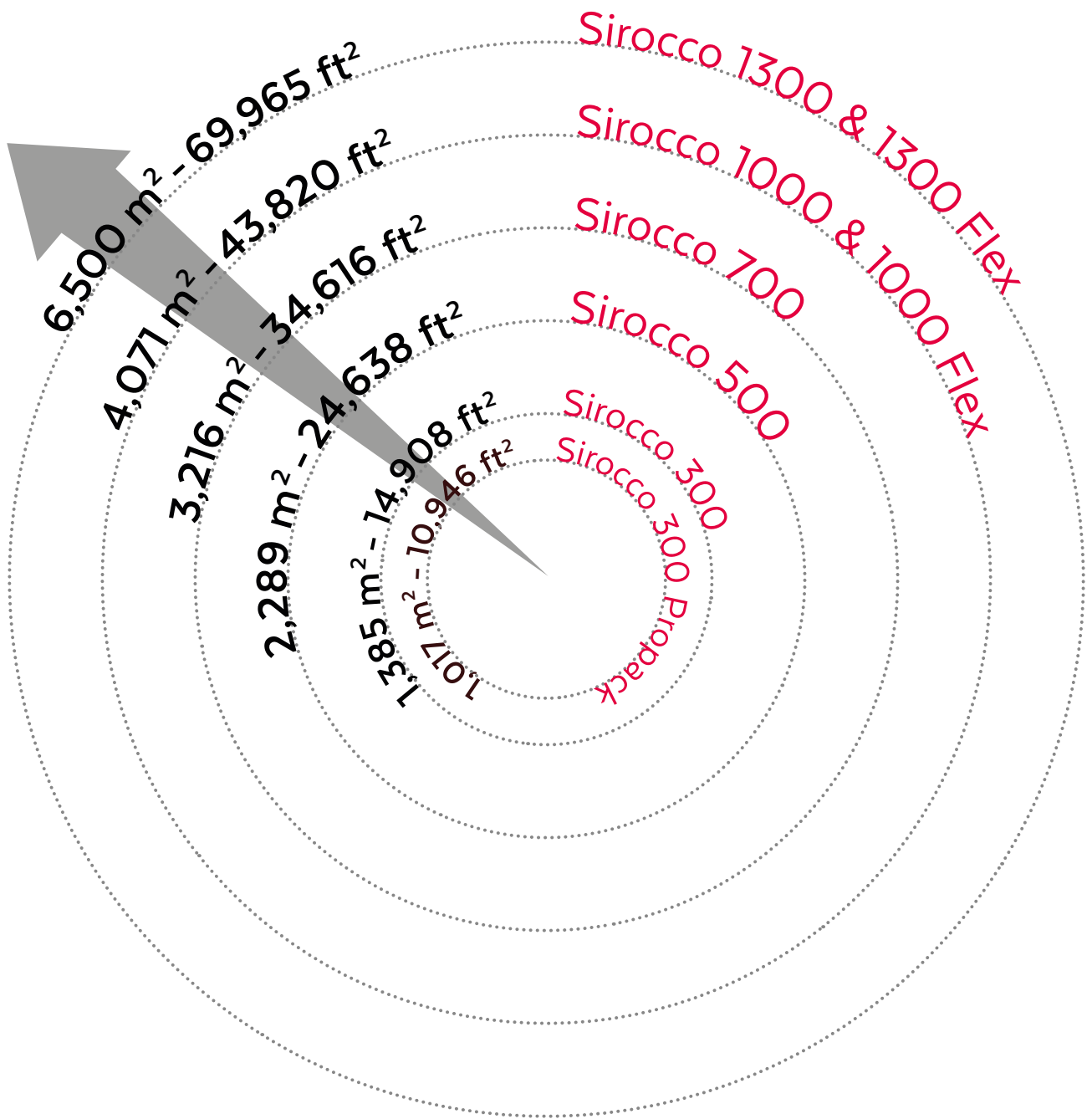
	ALL IN ONE	LITE	
	300 ProPack	300	500
Lighting data			
Light Engine	Airstar LED Matrix 4 x 5 125 lm	Airstar LED Matrix 4 x 5 500 lm	Airstar LED Matrix 8 x 5 500 lm
Maximum lumen	20,500 lm	22,000 lm	44,000 lm
Average LED life*	50,000 h	50,000 h	50,000 h
Colour temperature	5,000 K	5,000 K	5,000 K
Open core area lighting requirement (EN 1838 standard - 0,5 lx)	1,017 m ² 10,946 ft ²	1,385 m ² 14,908 ft ²	2,289 m ² 24,638 ft ²
Technical data			
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
Weight			
Weight of the balloon only	2.3 kg - 5.0 lb	2.8 kg - 5.9 lb	3.8 kg - 8.4 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 ² 34,616 ft ²	4,071 m ² 43,820 ft ²	6,500 m ² 69,965 ft ²	4,071 m ² 43,820 ft ²	6,500 m ² 69,965 ft ²
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







AIRSTAR



www.airstar-light.com

