



**AIRSTAR**

SIROCCO LIGHTING  
RANGE



## #WeAreAirstar

In 1994, Airstar invented the balloon lighting concept. Since then, our Sirocco safety lighting has become very well known for its durability and dependability.

Airstar balloon lights offer 360° coverage of diffused, glare-free and no shadow lighting. Whether used for construction or safety and rescue, high quality lighting is vital to creating a safe working environment.

The envelopes of our balloon lights are made from woven materials which softly diffuse the light and reduce glare. To accommodate a wide range of work conditions and safety requirements, our products are available with many different light sources including LED, Metal-Halide, and Halogen.

# SIROCCO RANGE



SIROCCO 300  
PROPACK



SIROCCO 300



SIROCCO 500



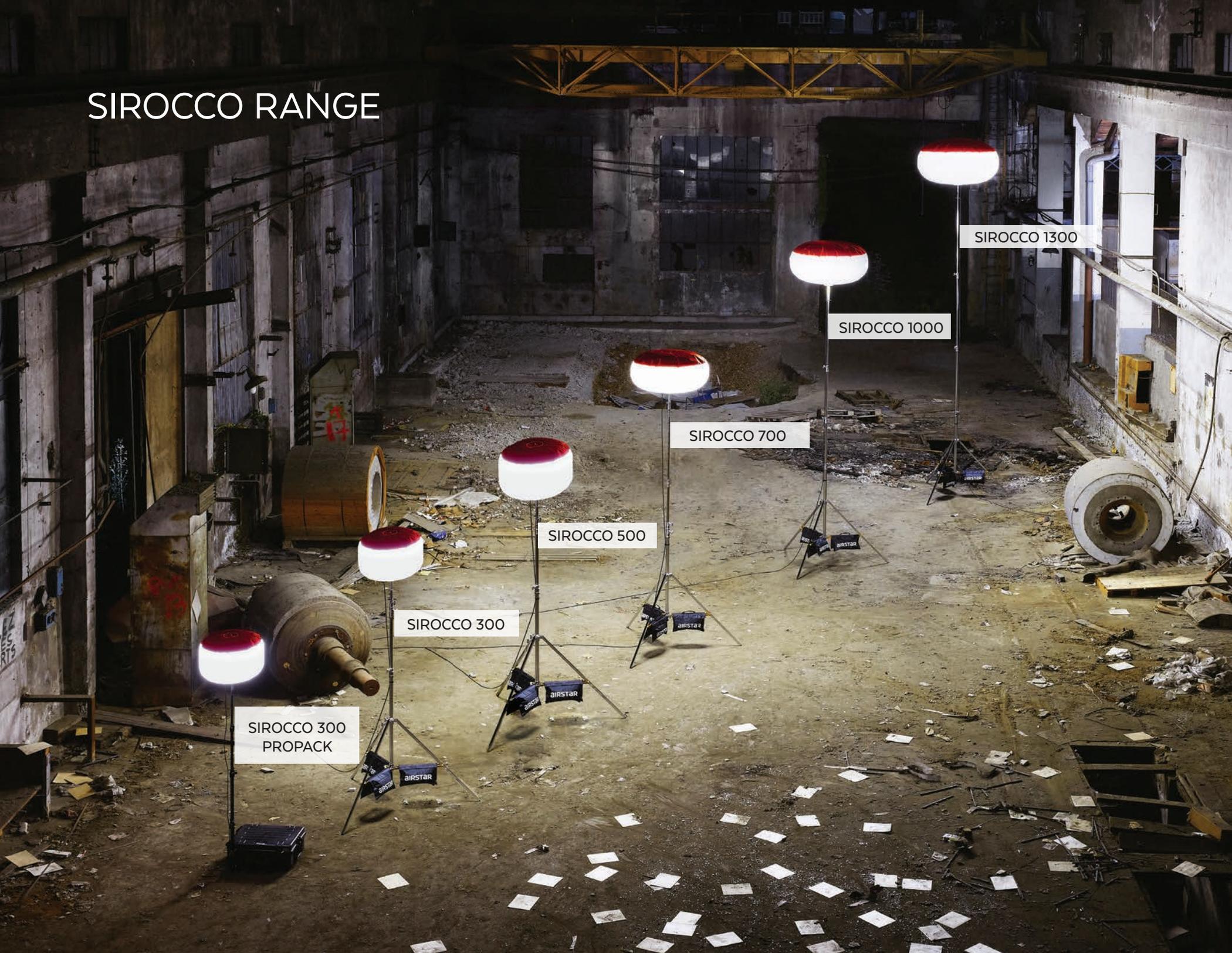
SIROCCO 700



SIROCCO 1000



SIROCCO 1300





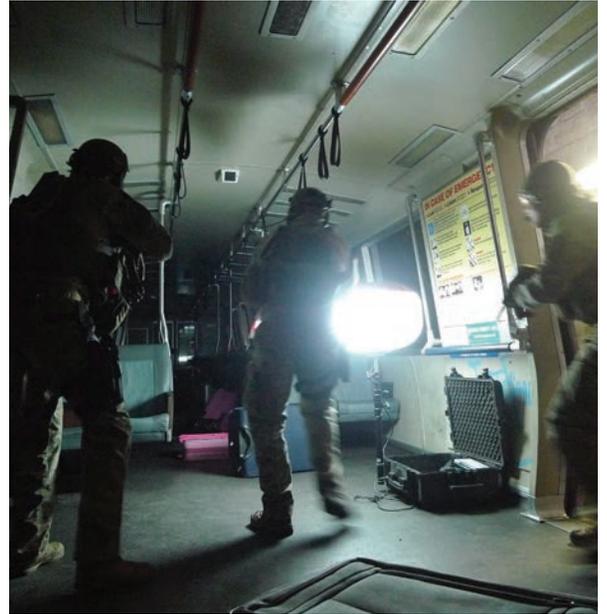
Sirocco  
Balloon Light



# Construction Lighting



# Emergency Lighting



# Law Enforcement Lighting



# Sirocco 300

Pro-Pack



## Lighting data

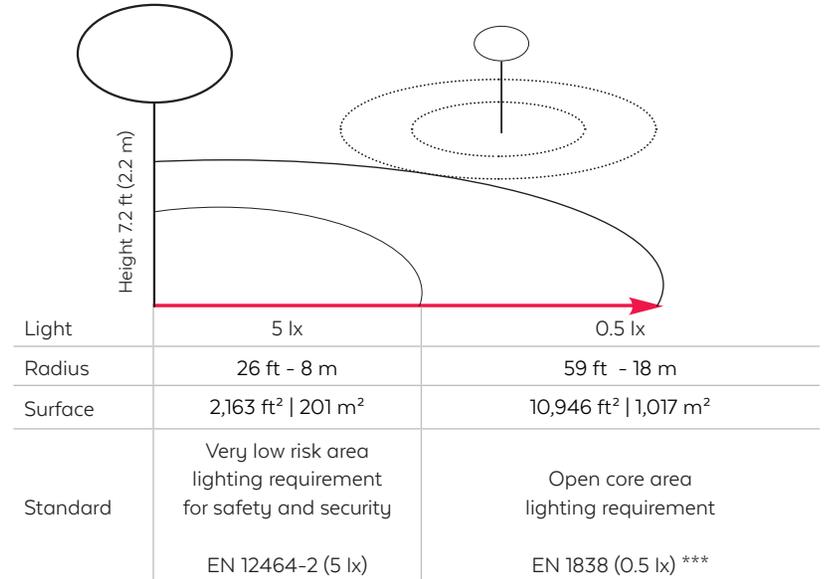
Maximum lumens	20,500 lm
Light under the balloon ** (7.2 ft - 2.2 m high)	32 fc - 345 lx

## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	160 W
Efficiency	138 lm/W 3,728 lm/lb - 8,148 lm/kg
Voltage	100-240 VAC / 50-60 Hz
Recommended battery	830 Wh (16 Ah) / 52 V

## Weight and dimensions

Net weight of the balloon	5 lb - 2.3 kg
Envelope size	ø 23 in / h 15 in ø 60 cm / h 37 cm





# Sirocco 300

300 | Power Switch



## Lighting data

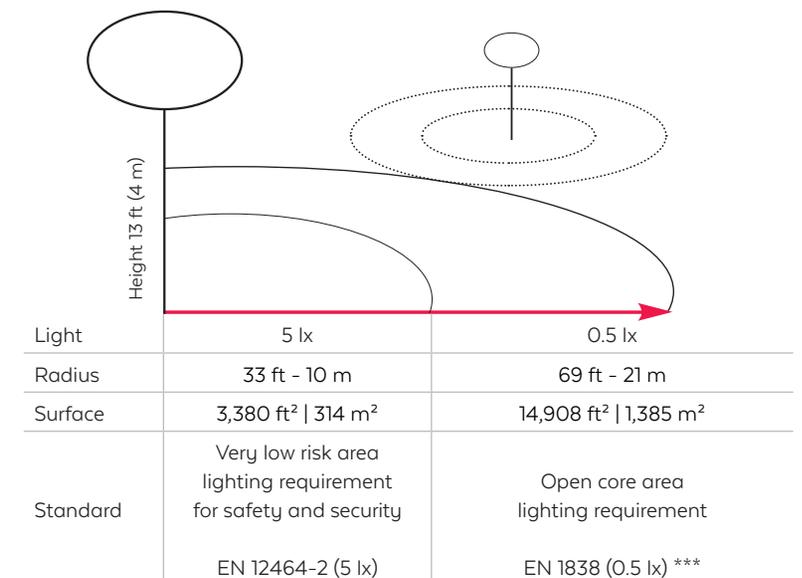
Maximum lumens	22,000 lm
Light under the balloon ** (13 ft - 4 m high)	10.4 fc - 112 lx

## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	160 W
Efficiency	138 lm/W 3,728 lm/lb - 8,148 lm/kg
Voltage	100-240 VAC / 50-60 Hz
Voltage (if PowerSwitch option)	52 V
Recommended generator	1 kVA

## Weight and dimensions

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





# Sirocco 500

500 | Power Switch



## Lighting data

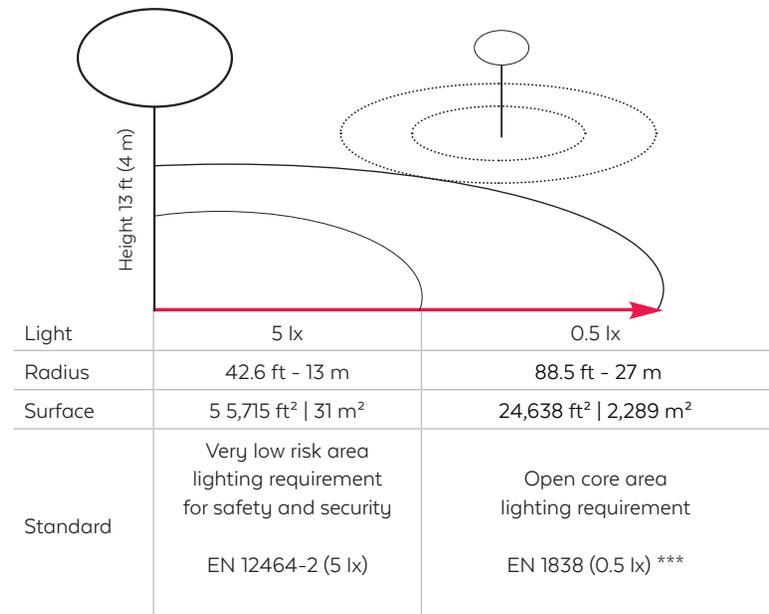
Product	Watts   Lumens	Voltage
Sirocco 500	294   44,000	110 AC
Sirocco 500 Power Switch	294   44,000	110 AC-52 DC
Light under the balloon ** (13 ft - 4 m high)	18 fc - 263 lx	

## Technical data

Wind resistance of the balloon	80 km/h - 50 mph
Power consumption	294 W
Efficiency	150 lm/W 5,641 lm/lb - 12,429 lm/kg
Recommended generator	1 kVA

## Weight and dimensions

Net weight of the balloon	8.4 lb - 3.8 kg
Envelope size	ø 33 in / h 19 in ø 85 cm / h 50 cm





# Sirocco 700



## Lighting data

Maximum lumens	66,000 lm
Light under the balloon ** (13 ft high - 4 m)	41 fc - 452 lx

## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	500 W
Efficiency	132 lm/W 4,605 lm/lb - 10,153 lm/kg
Voltage	100-240 VAC / 50-60 Hz
Recommended generator	1 kVA

## Weight and dimensions

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

Light	5 lx	0.5 lx
Radius	42.2 ft   15 m	111.5 ft   32 m
Surface	7,610 ft²   707 m²	34,616 ft²   3,216 m²
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) ***



# Sirocco 1000

1000 | Flex



## Lighting data

Maximum lumens	99,000 lm
Light under the balloon ** (13 ft high - 4 m)	61 fc - 660 lx

## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	700 W
Efficiency	141 lm/W 5,221 lm/lb - 1,511 lm/kg
Recommended generator	1.5 kVA

## Weight and dimensions

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

Light	5 lx	0.5 lx
Radius	55.77 ft - 17 m	118.1 ft - 36 m
Surface	9,762 ft <sup>2</sup> 907 m <sup>2</sup>	43,820 ft <sup>2</sup> 4,071 m <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) ***



# Sirocco 1300

1300 | Flex



## Lighting data

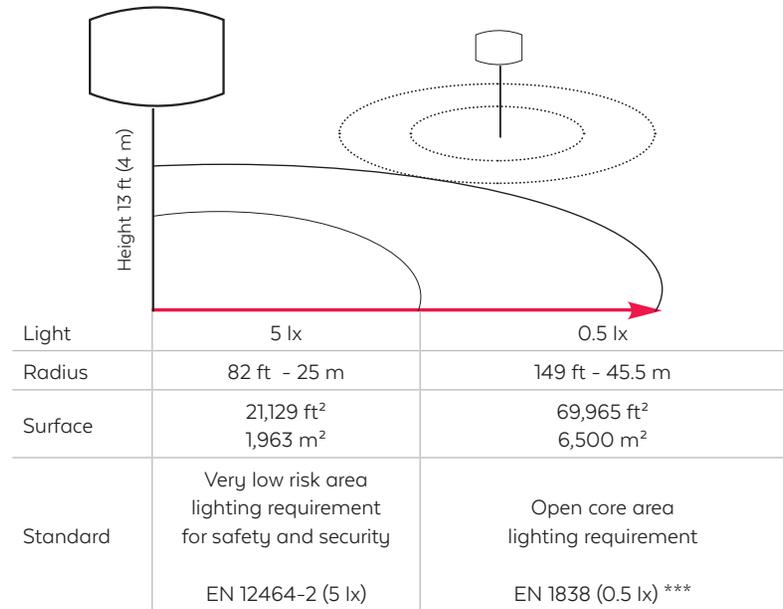
Maximum lumens	132,000 lm
Light under the balloon ** (13 ft high - 4 m)	65 fc- 704 lx

## Technical data

Wind resistance of the balloon	100 km/h - 60 mph
Power consumption	920 W
Efficiency	143 lm/W 6,373 lm/lb - 14,042 lm/kg
Recommended generator	2 kVA

## Weight and dimensions

Product	Sirocco 1300	Sirocco Flex
Net weight of the balloon	20 lb - 9.4 kg	20 lb - 9.4 kg
Envelope size	ø 54 in / h 30 in ø 138 cm / h 77 cm	ø 54 in / h 30 in ø 138 cm / h 77 cm





# Stands & Accessories

## Stand P630-S



### Physical Specifications

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

### Materials and Design

Column Material	Galvanised steel
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## Stand P480-S



### Physical Specifications

Weight	31 lb (14 kg)
Maximum Height	189 in (480 cm)
Folded Length	55 in (140 cm)
Top Attachment	Airstar Special Bushing
Footprint max diameter	59 in (150 cm)
Levelling Leg	Yes
Safety System	Spring
Recommended for	Sirocco 700 / 1000 / 1300

### Materials and Design

Column Material	Galvanised steel
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## Stand P400-S



### Physical Specifications

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

### Materials and Design

Column Material	Steel
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## Stand P500AH



### Physical Specifications

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

### Materials and Design

Column Material	Galvanised steel
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## Envelopes



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

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

## Accessories



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

Recommended purchase x 3  
for each stand  
Sold without sand



Hitch Mount

## PowerPack

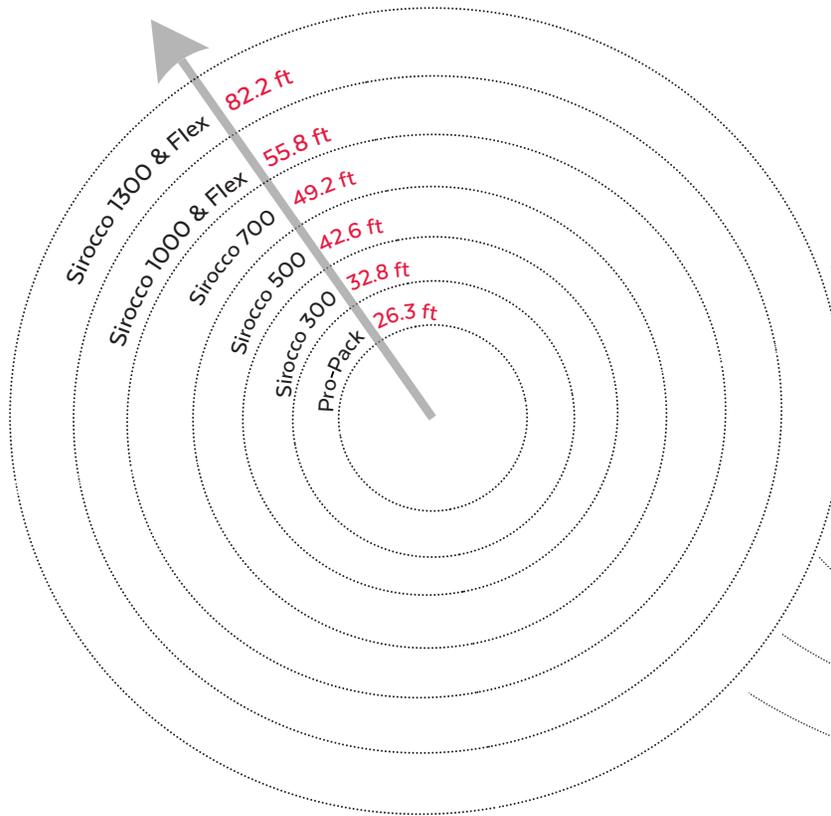


### Technical data

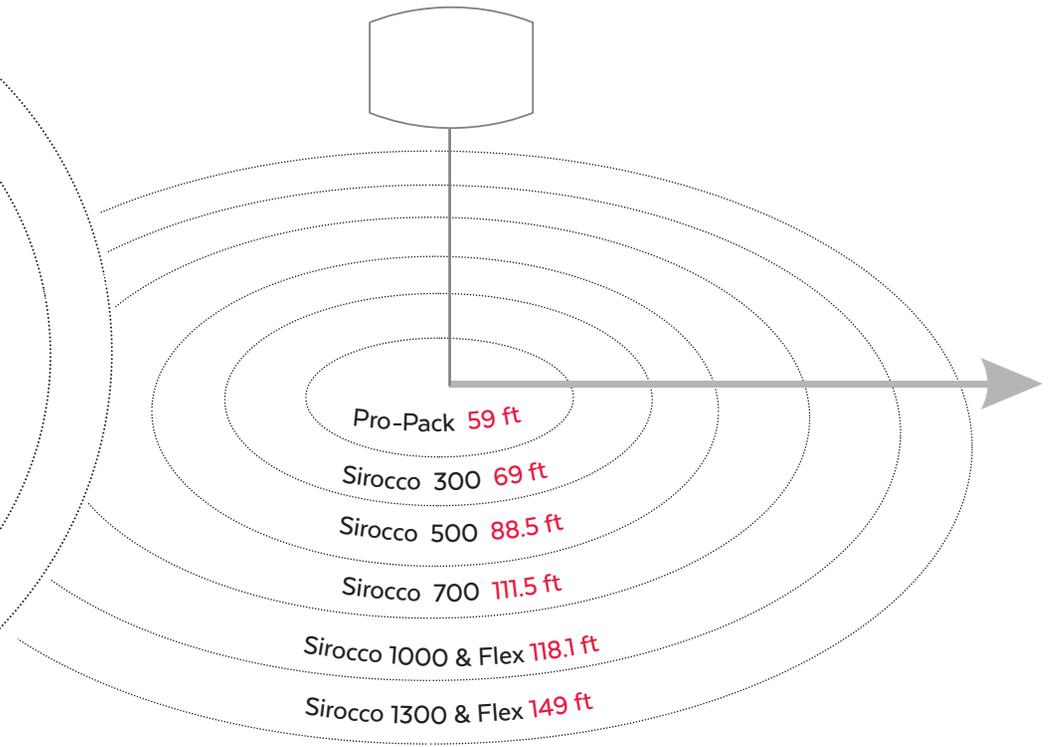
Battery technology	Lithium-Ion NMC
Voltage	52V
Total capacity PowerPack (2 batteries included)	1.7 kWh 32Ah

# Comparative Lighted Areas

Lighted area 0.5 fc



Lighted area 5 fc





## Product Range Summary

Products	All-in-One		Lite	
	300 Pro-Pack	300	500	
Light under balloon	32 fc @ 7.2 ft	10.4 fc @ 13 ft	18 fc @ 13 ft	
Radius (.5 fc)	26.3 ft	32.8 ft	42.6 ft	
Output (lm)	20,500 lm	22,000 lm	44,000 lm	
Power	160 W	160 W	294 W	
Efficiency	138 lm/W	138 lm/W	150 lm/W	
Voltage	52 VDC	100-240 VAC / 50-60 Hz		
Amperage	3.1 DC amps	1.5 AC amps	2.7 AC amps	
Power supply	52 V battery	main power, 2 kVA generator, 52 V battery*		
Envelope size	ø 23 in / h 15 in	ø 23 in / h 15 in	ø 33 in / h 19 in	
Weight (with packaging)	50 lbs	15.4 lbs	18.5 lbs	
Color temp.	5,000 K (daylight)			
Envelope Options	Standard   Reversed   White			

\*Sirocco 300 and 500 PowerSwitch models only.

Power		
700	1000	1300
41 fc @ 13 ft	61 fc @ 13 ft	65 fc @ 13 ft
49.2 ft	55.8 ft	82 ft
66,000 lm	99,000 lm	132,000 lm
500 W	700 W	920 W
132 lm/W	141 lm/W	143 lm/W
100-240 VAC / 50-60 Hz		
4.1 AC amps	6.4 AC amps	8.1 AC amps
main power or 2 kVA generator		
ø 39 in / h 19 in	ø 45 in / h 25 in	ø 54 in / h 30 in
29 lbs	34 lbs	36 lbs
5,000 K (daylight)		
Standard   Reversed   White   Lenticular**   Flex Envelope***		

\*\*Sirocco 700 and 1000 | \*\*\*Sirocco 1000 and 1300

## Airstar Light App

Control your lights easily and remotely!



Control up to 250 lights.  
Max Mesh range between two balloons: 109.3 yd | 100 m.



4 light animations available.



**PowerSwitch**  
Smart Power Management

Automatically switches between AC/DC power sources to eliminate downtime and loss of light.

**Optional Product Upgrade**  
Sirocco 300 & 500 models only.



**aIRSTAR**



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