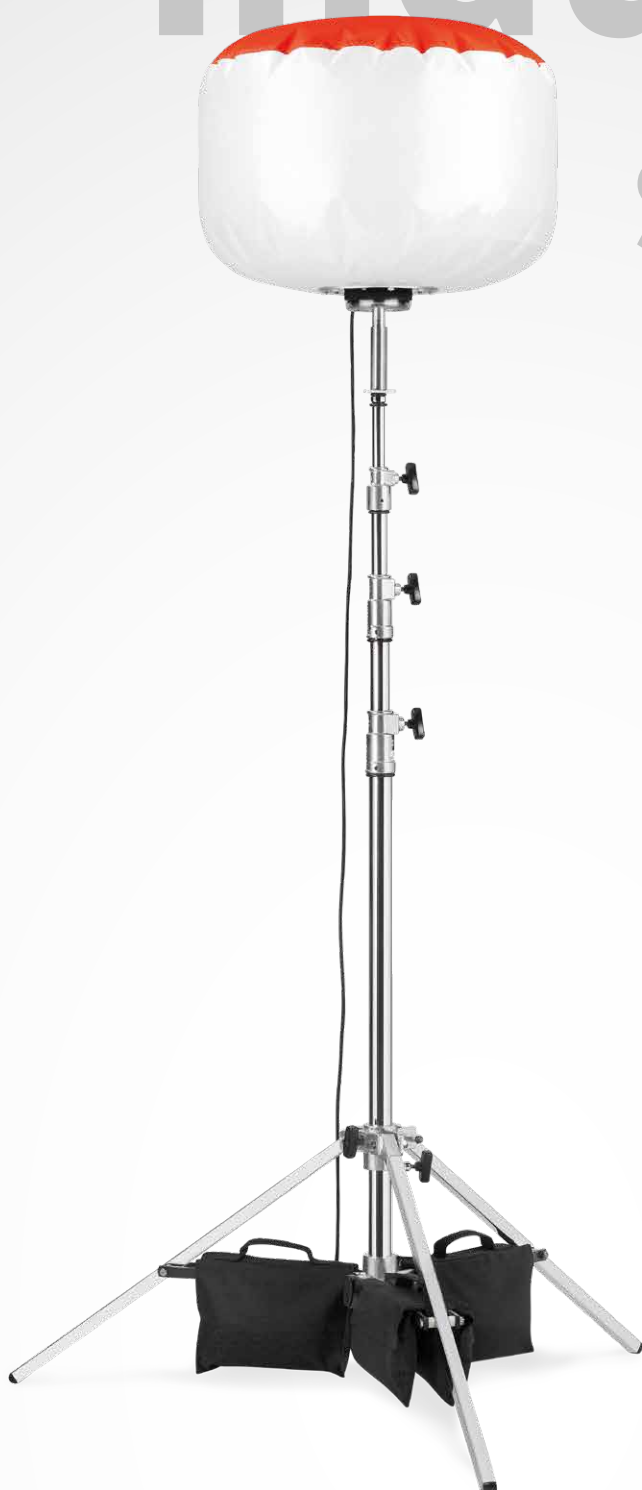


# industry safety

.....  
> catalogue

world leader  
in lighting  
balloons



○  
**aIRSTAR**

with airstar  
lighting balloons,  
you can light  
an area up to  
22 500 m<sup>2</sup> in  
only 2 minutes

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Our Sirocco range are available  
in small, medium & large size.



# > keys



LED



Backpack



All-in-one



Battery life



Generator



Extra low voltage



Dimmable



Lightweight



Mobile



Main power plug



Wind resistance



Instant restrike



Lighting tower



Pressure sensor

# > Airstar, the one and only

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. We have several lighting options to suit your business needs, including HMI, Halogen and the very latest in LED technology.

Whether it is in the industry or in the rescue field, high quality lighting is necessary to work efficiently in a safe environment. Airstar lighting balloons are answering this need by offering an homogenous light which is 360° diffuse, glare free and with no shadow.





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







> homogenous  
and 360°  
diffuse light



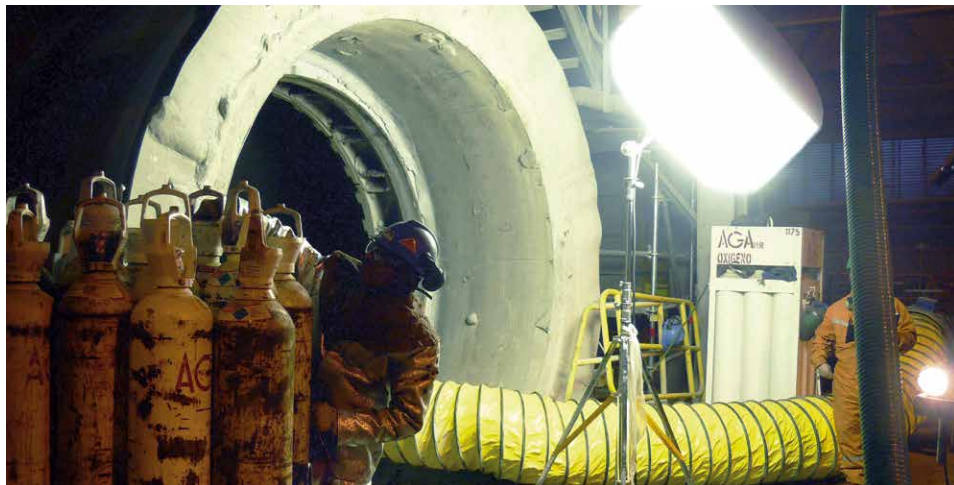
> glare free

> no shadow

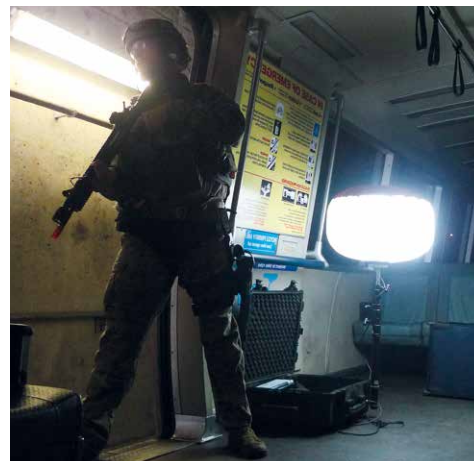




construction  
night works  
maintenance  
mining and oil sites



> industry



> safety

civil security - firefighters  
 homeland security - police and governments  
 emergency medical services  
 military









> sirocco S

> the smallest lighting device of the Sirocco range

## sirocco LED E27 60 W

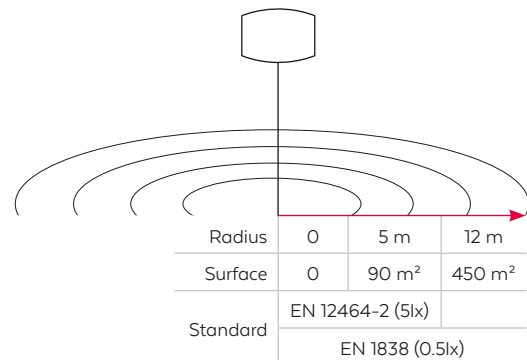


### standard version



### lighting data\*

Open core area lighting requirement (EN1838 standard)	460 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	90 m <sup>2</sup>
Light under the balloon (3 m high)	56 lx
Maximum lumen	7 500 lm
Colour temperature: warm	2 700 K



How to read the drawing: in a range of 12 m, being a surface of 450 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

### dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P200CL stand height	up to 280 cm
Net weight of the balloon	2.7 kg
<b>Metallic case (integrated handle)</b>	
Case dimensions	L 58 x l 30 x h 22 cm
Content: full set lighting balloon (with stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight with stand	8 kg

### technical data\*

Lamps	3 x 21 W LED
Average lamp life	25 000 h
Efficiency	120 lm/W
Type of lamp holder	E27
Maximum power	150 W
Available voltage	100-120-230 V / 50-60 Hz
Restrike time	instant
Power supply	main power or battery + converter
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Non-contractual data (lamps aren't provided with the product). These data are those of the lamps recommended by Airstar.

### safety

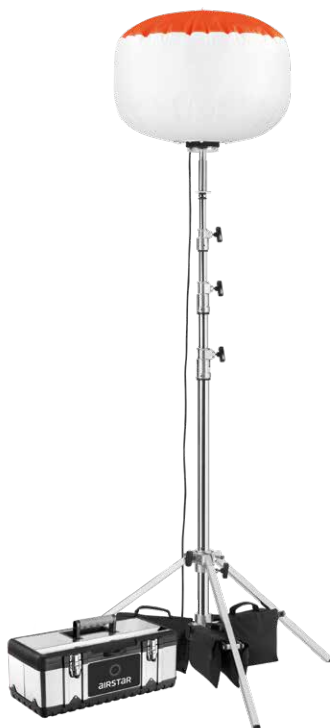
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54

> a battery powered LED lighting balloon, suitable for mobile operations

## sirocco LED 60 W

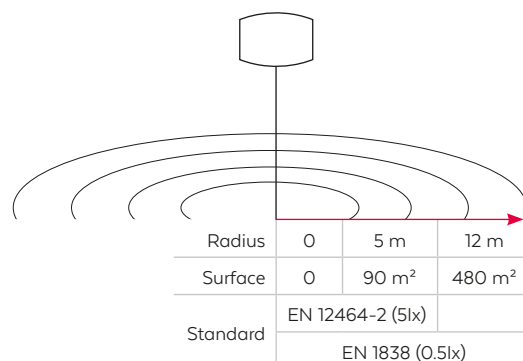


### standard version



### lighting data

Open core area lighting requirement (EN1838 standard)	480 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	100 m <sup>2</sup>
Light under the balloon (2.5 m high)	100 lx
Maximum lumen	6 150 lm
Colour temperature: neutral	4 750 K



How to read the drawing: in a range of 12 m, being a surface of 480 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

### pro-pack version



### dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P400TA stand height	from 130 cm to 410 cm
Stand height (pro-pack version)	230 cm
Net weight of the balloon	3 kg

#### Standard version : metallic case (integrated handle)

Case dimensions	L 58 x l 30 x h 22 cm
Content: full set lighting balloon, 1 battery, 1 charger, user manual, glove	
Net weight without stand	5.6 kg

#### Pro-pack version (handle and wheels)

Case dimensions	L 67 x l 51 x h 26 cm
Content: same as metallic case + telescopic stand	
Net weight with stand	20 kg

### technical data

Lamps	6 x 10 W LED			
Average lamp life*	40 000 h			
Efficiency	100 lm/W			
Type of lamp holder	6 x LED panels (powered by 2 drivers)			
Maximum power	60 W			
Available voltage	48 VDC			
Dimmable	100 %	66 %	33 %	flash mode
Battery lifetime	8 h	12 h	16 h	24 h
Restrike time	instant			
Power supply	battery 13Ah-lithium 48 V			
Envelopes options	multiple envelope colours, without reflector or with reverse reflector			

\* Under normal conditions of use

### safety

Safety low voltage power supply (<60 VDC)	48 V
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph

> 4 hours of battery life at 12 000 lumens

# sirocco LED 120 W

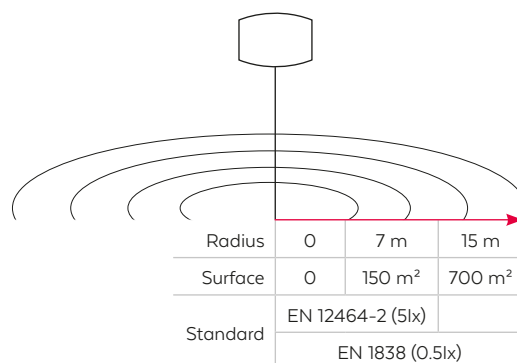


## standard version



## lighting data

Open core area lighting requirement (EN1838 standard)	700 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	150 m <sup>2</sup>
Light under the balloon (2 m high)	200 lx
Maximum lumen	12 300 lm
Colour temperature: neutral	4 750 K



How to read the drawing: in a range of 15 m, being a surface of 700 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## pro-pack version



## dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P400TA stand height	from 130 cm to 410 cm
Stand height (pro-pack version)	230 cm
Net weight of the balloon	3 kg

### Standard version : metallic case (integrated handle)

Case dimensions	L 60 x l 48 x h 22 cm
Content: full set lighting balloon with LED (without stand), 1 battery, 1 charger, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	10.5 kg

### Pro-pack version (handle and wheels)

Case dimensions	L 67 x l 51 x h 26 cm
Content: same as metallic case + telescopic stand	
Net weight with stand	20 kg

## technical data

Lamps	12 x 10 W LED
Average lamp life*	40 000 h
Efficiency	100 lm/W
Type of lamp holder	10 W LED COB
Maximum power	125 W
Available voltage	48 V DC
Dimmable	100 % 66 % 33 % flash mode
Battery lifetime	4 h 6 h 12 h 8 h
Restrike time	instant
Power supply	battery 13Ah-lithium 48 V
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph



> LED innovation, multifunction and autonomy (power supply on battery)

# sirocco LED 240 W

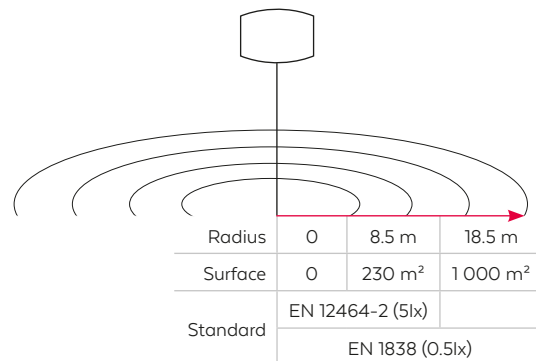


## standard version



## lighting data

Open core area lighting requirement (EN1838 standard)	1 000 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	230 m <sup>2</sup>
Light under the balloon (2 m high)	403 lx
Maximum lumen	24 600 lm
Colour temperature: neutral	4 750 K



How to read the drawing: in a range of 18.5 m, being a surface of 1 000 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## pro-pack version



## dimensions and packaging

Envelope size	ø 75 cm / h 60 cm
P400TA stand height	from 130 cm to 410 cm
Net weight of the balloon	3.7 kg

### Standard version : metallic case (integrated handle)

Case dimensions	L 60 x l 48 x h 22 cm
Content: full set lighting balloon with LED (without stand), 2 batteries, 2 chargers, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	22 kg

### Pro-pack version (handle and wheels)

Case dimensions	L 143 x l 41 x h 27 cm
Content: same as mettalic box + P400TA stand	
Net weight with stand	38 kg

## technical data

Lamps	6 x 4 x 10 W LED			
Average lamp life*	40 000 h			
Efficiency	100 lm/W			
Type of lamp holder	10 W LED COB			
Maximum power	240 W			
Available voltage	48 VDC			
Dimmable	100 %	66 %	33 %	flash mode
Battery lifetime	4 h	6 h	12 h	8 h
Restrike time	instant			
Power supply	battery 13Ah-lithium 48 V			
Envelopes options	multiple envelope colours, without reflector or with reverse reflector			

\* Under normal conditions of use

## safety

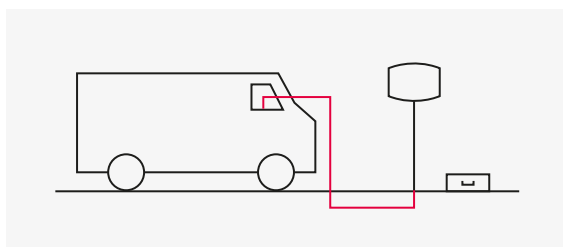
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph

> an extra low voltage lighting balloon that can run off a 12 V supply (vehicle charger)

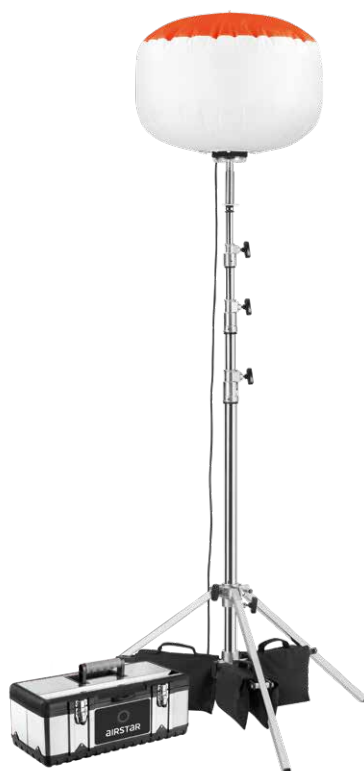
# sirocco LED 60 W 12 V DC



## extra low voltage supply



## standard version

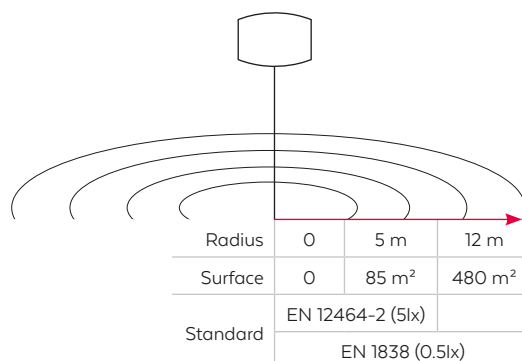


## dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P400TA stand height	from 130 cm to 410 cm
Net weight of the balloon	3 kg
<b>Metallic case (integrated handle)</b>	
Case dimensions	L 58 x l 30 x h 22 cm
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	5.4 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	480 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	85 m <sup>2</sup>
Light under the balloon (2 m high)	100 lx
Maximum lumen	6 150 lm
Colour temperature: neutral	4 750 K



How to read the drawing: in a range of 12 m, being a surface of 480 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	6 x 10 W LED
Average lamp life*	40 000 h
Efficiency	100 lm/W
Type of lamp holder	6 LED COB panels (powered by 6 drivers)
Maximum power	60 W
Connector	cigarette lighter
Available voltage	min. 12 V DC / max. 48 V DC
Restrike time	instant
Autonomy*	can be plugged during 4 hours on the battery of most vehicles, with no risk of being unable to restart
Power supply option	battery 12 V or 48 V
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

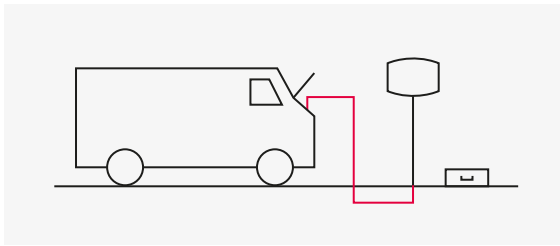
Safety low voltage power supply (< 60 V DC)	12 V
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph

> an extra low voltage lighting balloon that can run off a 24 V supply (like heavy truck battery)

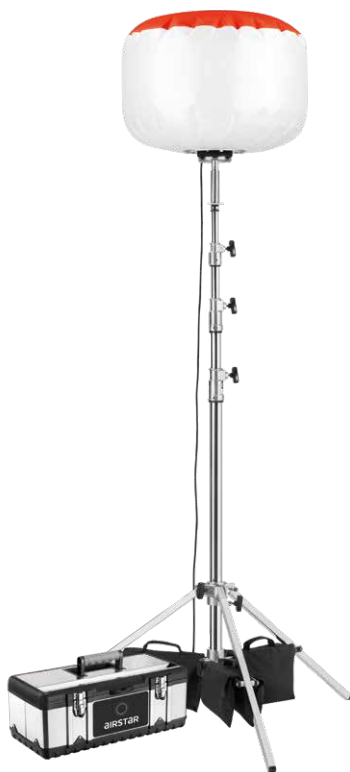
# sirocco LED 120 W 24 V DC



## extra low voltage supply



## standard version

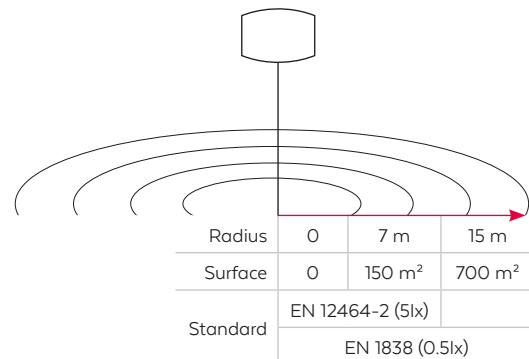


## dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P400TA stand height	from 130 cm to 410 cm
Net weight of the balloon	3 kg
<b>Metallic case (integrated handle)</b>	
Case dimensions	L 58 x l 30 x h 22 cm
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	5.4 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	700 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	150 m <sup>2</sup>
Light under the balloon (2 m high)	200 lx
Maximum lumen	12 300 lm
Colour temperature: neutral	4 750 K



How to read the drawing: in a range of 15 m, being a surface of 700 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	12 x 10 W LED
Average lamp life*	40 000 h
Efficiency	100 lm/W
Type of lamp holder	6 LED COB panels (powered by 6 drivers)
Maximum power	120 W
Connector	crocodile clip
Available voltage	min. 24 V DC / max. 48 V DC
Restrike time	instant
Autonomy*	can be plugged during 4 hours on the battery of most vehicles, with no risk of being unable to restart
Power supply option	battery 24 V or 48 V
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Safety low voltage power supply (< 60 V DC)	24 V
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph



Hand-free backpack  
with a Sirocco LED 120 W.



# sirocco S range spare parts pieces and accessories



## P350TA

Max. height: 380 cm  
Min. height: 115 cm  
Weight: 5 kg  
Area required on the floor:  
90 cm



## P400TA\*

Max. height: 415 cm  
Min. height: 130 cm  
Weight: 10 kg  
Area required on the floor:  
130 cm

\* Special adaptor needed for  
Pro-pack versions  
(Sirocco LED 60 W and LED 120 W)



## Sandbag

Weight: 12 kg



## 45° bent arm



## Hand-free backpack

Weight: 0.8 kg  
(available for Sirocco LED 60 W, LED  
120 W and LED E27 60 W)



## Energy pack

2 or 4 48 V battery  
(for Sirocco LED 60 W, 120 W  
and 240 W)



## Converter

12 V - 150 W  
(only for Sirocco LED E27 60 W)



## Packaging

Pro-pack in 2 sizes.  
Dimensions:  
L 67 x l 51 x h 26 cm  
L 143 x l 41.5 x h 27.2 cm



Envelope  
with standard reflector



Envelope  
with reversed reflector



Envelope  
without reflector





> sirocco M

> a LED entry-level lighting balloon with a good power to light efficiency ratio

# sirocco LED 50 000 lm



## standard version



## dimensions and packaging

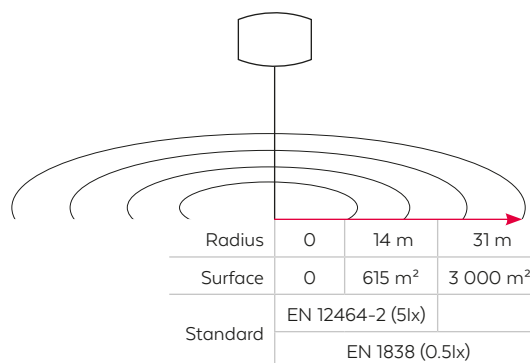
Envelope size	ø 90 cm / h 60 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	7 kg

### PVC cylinder case

Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	10 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	3 000 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	615 m <sup>2</sup>
Light under the balloon (4 m high)	205 lx
Maximum lumen	50 000 lm
Colour temperature: daylight	6 000 K



How to read the drawing: in a range of 14 m, being a surface of 3 000 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	4 x 100 W LED
Average lamp life*	50 000 h
Efficiency	125 lm/W
Type of lamp holder	4 x independent panels [Driver + LED] Quick and easy to replace (4 screws)
Maximum power	400 W
Available voltage	100-120-230 V / 50-60 Hz
Restrike time	instant
Power supply	main power or 1 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	
Electrical protection	fuse
Wind resistance of the balloon	100 km/h - 60 mph



> 75 000 lumens on a 1 kVA generator

# sirocco LED 75 000 lm



## standard version



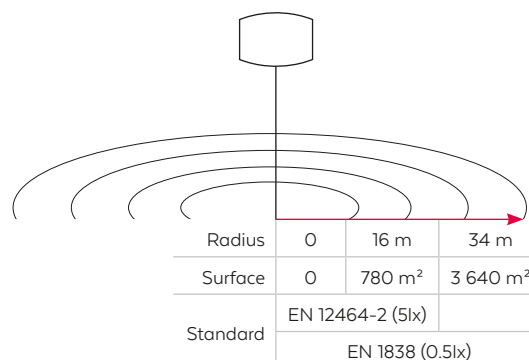
## dimensions and packaging

Envelope size	ø 110 cm / h 60 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	9 kg

PVC cylinder case	
Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon with LED (without stand), 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	12 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	3 640 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	780 m <sup>2</sup>
Light under the balloon (3 m high)	551 lx
Maximum lumen	75 000 lm
Colour temperature: daylight	6 000 K



How to read the drawing: in a range of 34 m, being a surface of 3 640 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	6 x 100 W LED
Average lamp life*	50 000 h
Efficiency	125 lm/W
Type of lamp holder	6 x independent panels [Driver + LED] Quick and easy to replace (4 screws)
Maximum power	600 W
Available voltage	100-240 V / 50 Hz
Restrike time	instant
Power supply	main power or 1 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Electrical protection	integrated fuse + breaker
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph

> a very good power consumption to lighted area ratio (1000W for 4 700 m<sup>2</sup> lighted up)

# sirocco HI-T 1 000 W

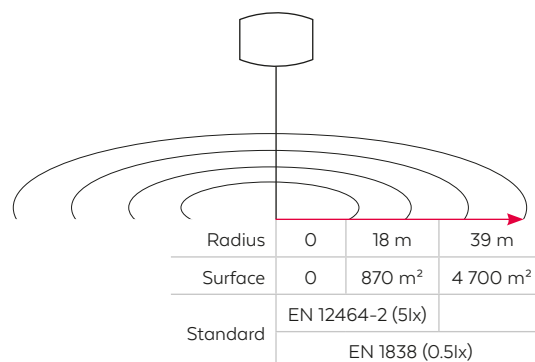


## standard version



## lighting data

Open core area lighting requirement (EN1838 standard)	4 700 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m <sup>2</sup>
Light under the balloon (3 m high)	780 lx
Maximum lumen	110 000 lm
Colour temperature: neutral	3 500 - 4 500 K



How to read the drawing: in a range of 39 m, being a surface of 4 700 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	1 x 1 000 W HI-T
Average lamp life*	8 000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	1 280 W
Available voltage	220-240 V / 50 Hz
Restrike time	~ 10 min
Power supply	main power or 3 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## dimensions and packaging

Envelope size	ø 120 cm / h 70 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	10 kg
Ballast	12 kg
<b>PVC cylinder case</b>	
Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	13 kg

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Thermal protection system	
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph

> multifunctional, to be stand or machine mounted

# sirocco HA 2 000 W



## standard version

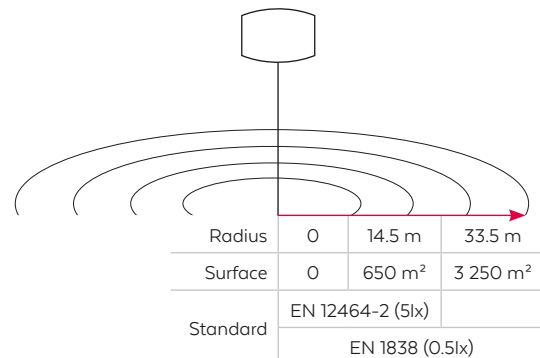


## dimensions and packaging

Envelope size	ø 90 cm / h 60 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	8 kg
<b>PVC cylinder case</b>	
Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon (without stand), 2 lamps, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	11 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	3 250 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	650 m <sup>2</sup>
Light under the balloon (2.5 m high)	400 lx
Maximum lumen	54 000 lm
Colour temperature: warm	2 700 - 3 300 K



How to read the drawing: in a range of 33.5 m, being a surface of 3 250 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	2 x 1 000 W HA
Average lamp life*	300 h
Efficiency	27 lm/W
Type of lamp holder	R7S
Maximum power	2 000 W
Available voltage	100-240 V / 50-60 Hz
Restrike time	instant
Power supply	main power or 3 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Electrical protection	integrated fuse + breaker
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph

> great power and instant restrike for a multifunction lighting balloon

# sirocco HMI 1 200 W



## standard version

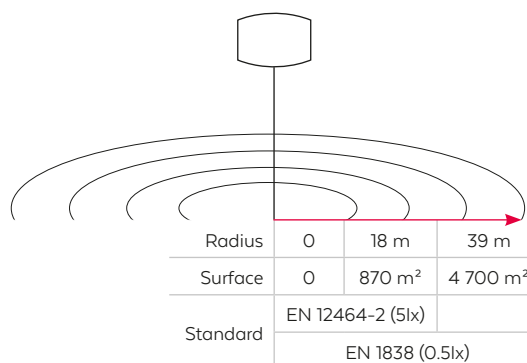


## dimensions and packaging

Envelope size	ø 120 cm / h 70 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	10 kg
Ballast	20 kg
<b>PVC cylinder case</b>	
Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	12 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	4 700 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m <sup>2</sup>
Light under the balloon (2.5 m high)	780 lx
Maximum lumen	110 000 lm
Colour temperature: daylight	5 500 - 6 500 K



How to read the drawing: in a range of 39 m, being a surface of 4 700 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	1 x 1 200 W HMI
Average lamp life*	750 h
Efficiency	92 lm/W
Type of lamp holder	G38
Maximum power	1 300 W
Available voltage	220-240 V / 50 Hz
Restrike time	instant
Power supply	main power or 2 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph



> the most powerful of the Sirocco M range with a very fast and simple set up

# sirocco HMI 2 500 W



## standard version

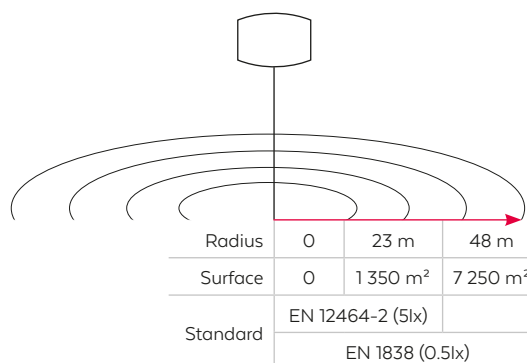


## dimensions and packaging

Envelope size	ø 140 cm / h 70 cm
P600TA stand height	from 210 to 660 cm
Net weight of the balloon	10 kg
Ballast	25 kg
<b>PVC cylinder case</b>	
Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	12 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	7 250 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	1 350 m <sup>2</sup>
Light under the balloon (3 m high)	1 700 lx
Maximum lumen	240 000 lm
Colour temperature: daylight	5 500 - 6 500 K



How to read the drawing: in a range of 48 m, being a surface of 7 250 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

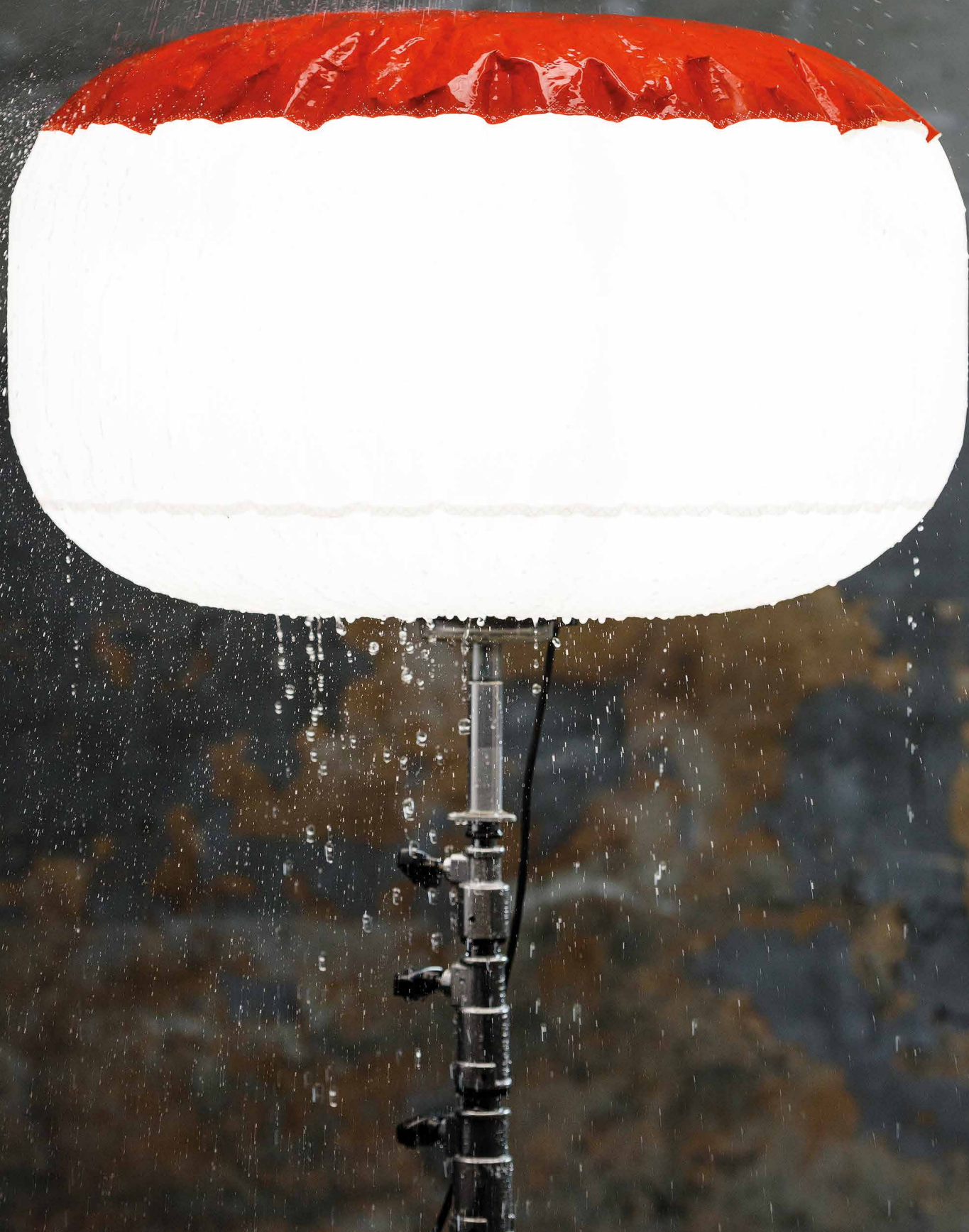
Lamps	1 x 2 500 W HMI
Average lamp life*	500 h
Efficiency	88 lm/W
Type of lamp holder	G38
Maximum power	2 800 W
Available voltage	208 V / 60 Hz ou 220-240 V / 50 Hz
Restrike time	instant
Power supply	main power or 5 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph

IP54



## sirocco M range spare parts pieces and accessories

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### P500TA

Max. height: 530 cm  
Min. height: 160 cm  
Weight: 16 kg  
Area required on the floor:  
165 cm



### P600TA

Max. height: 660 cm  
Min. height: 210 cm  
Weight: 23 kg  
Area required on the floor:  
200 cm



### P500AH

Max. height: 530 cm  
Min. height: 160 cm  
Area required on  
the floor: 165 cm



### Kart with telescopic mast

Max. height: 500 cm



### Sandbag

Weight: 12 kg



### Offset arm



### Tilting head



### 45° bent arm



### Envelope

with standard reflector



### Envelope

with reversed reflector



### Envelope

without reflector







> flex & sirocco L



> for medium and long-term use, with an easy and low-cost maintenance

# flex HI-T 1 000 W



## flex by Airstar

An envelope made from woven material with an internal, rigid pole system, meaning no fan is needed for inflation. Made for permanent or semi-permanent use with a higher wind resistance.

## standard version



## dimensions and packaging

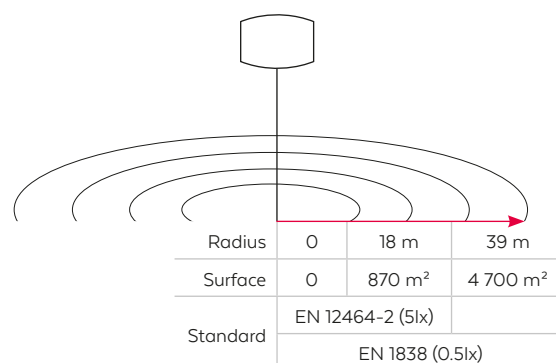
Envelope size	ø 120 cm / h 70 cm
P500TA stand height	from 160 to 530 cm
Net weight of the balloon	10 kg

### PVC cylinder case

Cylinder case dimensions	L 100 x l 26 cm
Content: full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit	
Net weight without stand	13 kg

## lighting data

Open core area lighting requirement (EN1838 standard)	4 700 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m <sup>2</sup>
Light under the balloon (7 m high)	780 lx
Maximum lumen	110 000 lm
Colour temperature: neutral	4 000 K



How to read the drawing: in a range of 39 m, being a surface of 4 700 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	1 x 1 000 W HI-T
Average lamp life*	8 000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	1 600 W
Available voltage	220-240 V / 50 Hz
Ballast	1 x 1000 W
Restrike time	~ 10 min
Power supply	main power or 3 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	100 km/h - 60 mph



> for a medium and long-term use in extreme conditions (humidity, cold, wind...)

# flex HI-T 4 000 W



## flex by Airstar

An envelope made from woven material with an internal, rigid pole system, meaning no fan is needed for inflation. Made for permanent or semi-permanent use with a higher wind resistance.

## standard version



## dimensions and packaging

Envelope size	ø 140 cm / h 130 cm
Balloon cardbox dimensions	L 103 x l 56 x h 56 cm
Ballast cardbox dimensions	L 34 x l 27 x h 25 cm

### Flex HI-T 4000 W on lighting Tower

Total weight without lighting Tower	20 kg
Net weight of the balloon	17 kg

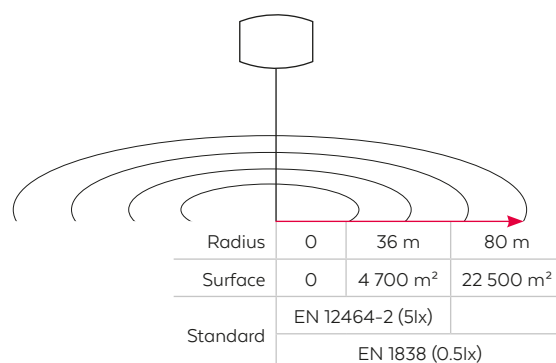
### Flex HI-T 4000 W HI-T with ballast

Total weight without ballast	30 kg
Net weight of the balloon	28 kg
Ballasts	4 x 12 kg

Content: full set lighting balloon (without stand), 4 lamps, 1 user manual, 1 glove, 1 repair patch kit

## lighting data

Open core area lighting requirement (EN1838 standard)	22 500 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	4 700 m <sup>2</sup>
Light under the balloon (7 m high)	600 lx
Maximum lumen	440 000 lm
Colour temperature: neutral	4 000 K



How to read the drawing: in a range of 80 m, being a surface of 22 500 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	4 x 1 000 W HI-T
Average lamp life*	8 000 h
Efficiency	110 lm/W
Type of lamp holder	E40
Maximum power	6 400 W
Available voltage	230 V / 50 Hz
Ballasts	4 x 1 000 W magnetic
Restrike time	~ 10 min
Power supply	main power or 9 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	130 km/h - 80 mph

> aim to light up very wide areas (earthwork, civil works, quarrying, parking lots...)

# sirocco HMI 4 000 W

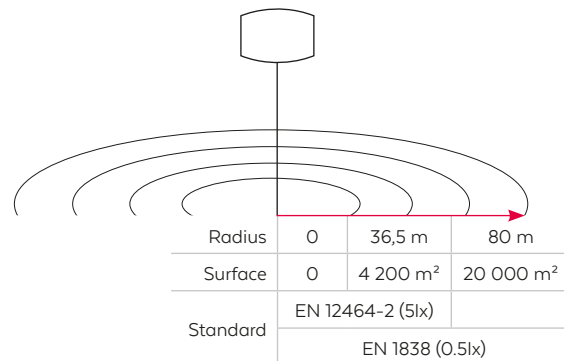


## standard version



## lighting data

Open core area lighting requirement (EN1838 standard)	20 000 m <sup>2</sup>
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	4 200 m <sup>2</sup>
Light under the balloon (7 m high)	600 lx
Maximum lumen	380 000 lm
Colour temperature: daylight	5 500 - 6 500 K



How to read the drawing: in a range of 80 m, being a surface of 20 000 m<sup>2</sup>, we guarantee a lighting in accordance with the EN1838 standard.

## technical data

Lamps	1 x 4 000 W HMI
Average lamp life*	500 h
Efficiency	100 lm/W
Type of Lamp holder	G38
Maximum power	4 500 W
Available voltage	100-120-230 V / 50 Hz
Restrike time	instant
Power supply	main power and 9 kVA generator
Envelopes options	multiple envelope colours, without reflector or with reverse reflector

\* Under normal conditions of use

## dimensions and packaging

Envelope size	ø 140 cm / h 144 cm
Net weight of the balloon	20 kg
Weight for ballast	25 kg

### Transport case

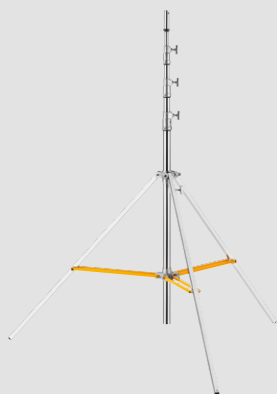
case dimensions	L 115 x l 56 x h 52 cm
Content:	full set lighting balloon (without stand), 1 lamp, 1 user manual, 1 glove, 1 repair patch kit

## safety

Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution.	
Rain and dust proof material	IP54
Eyes protection	Pressure Sensor
Wind resistance of the balloon	100 km/h - 60 mph

# sirocco L & flex range spare parts pieces and accessories

---



## P500TA

Max. height: 530 cm  
Min. height: 160 cm  
Weight: 16 kg  
Area required on the floor:  
165 cm



## Lighting tower

for Flex HI-T 4 000 W



## Envelope Sirocco

with standard reflector



## Envelope Sirocco

with reverse reflector



## Envelope Sirocco

without reflector



## Kart with telescopic mast

Max. height: 500 cm  
for Flex HI-T 1 000 W



## Transport case

for Sirocco HMI 4 000 W



## Sandbag

Weight: 12 kg

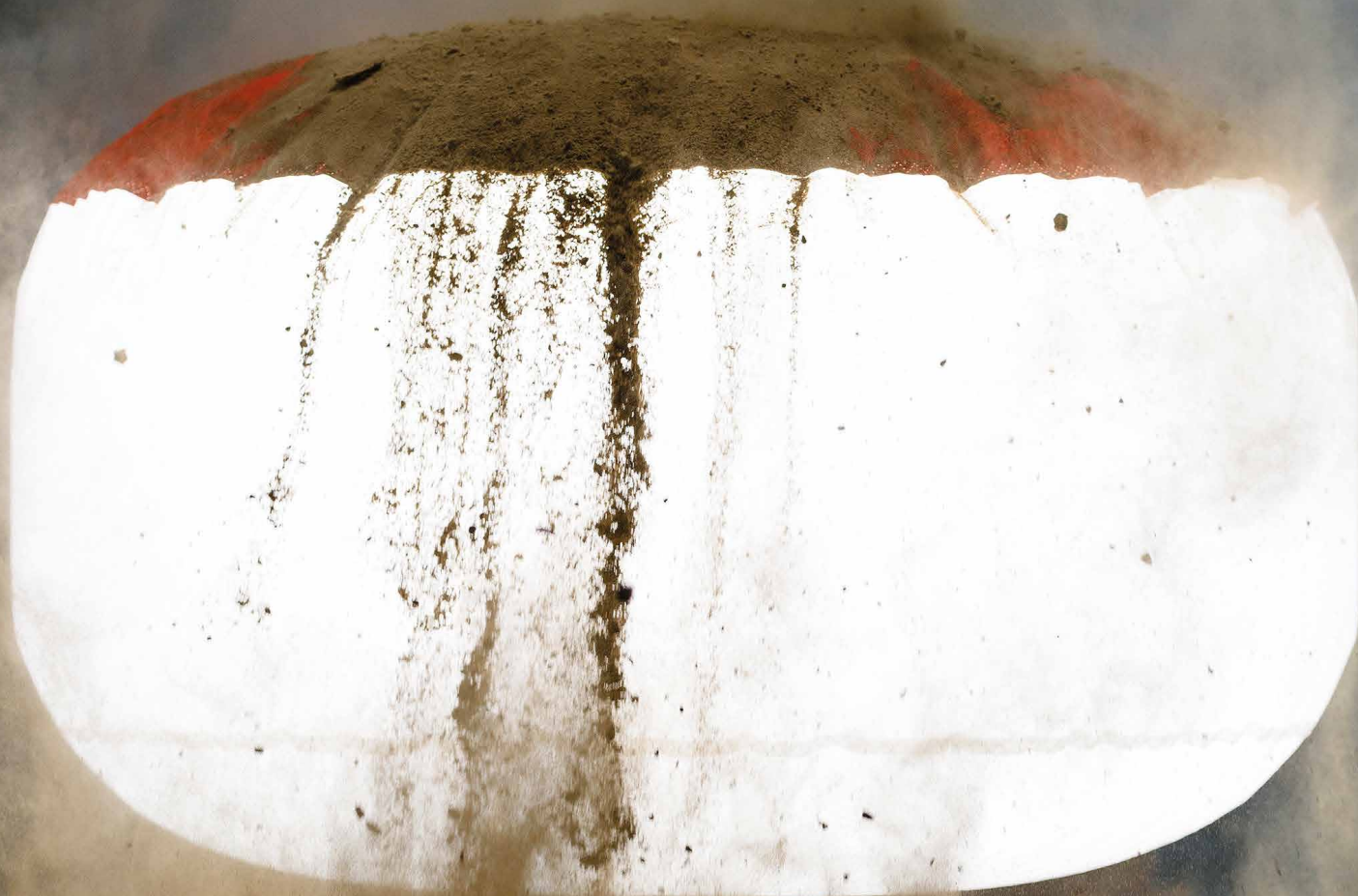


## Flex envelope

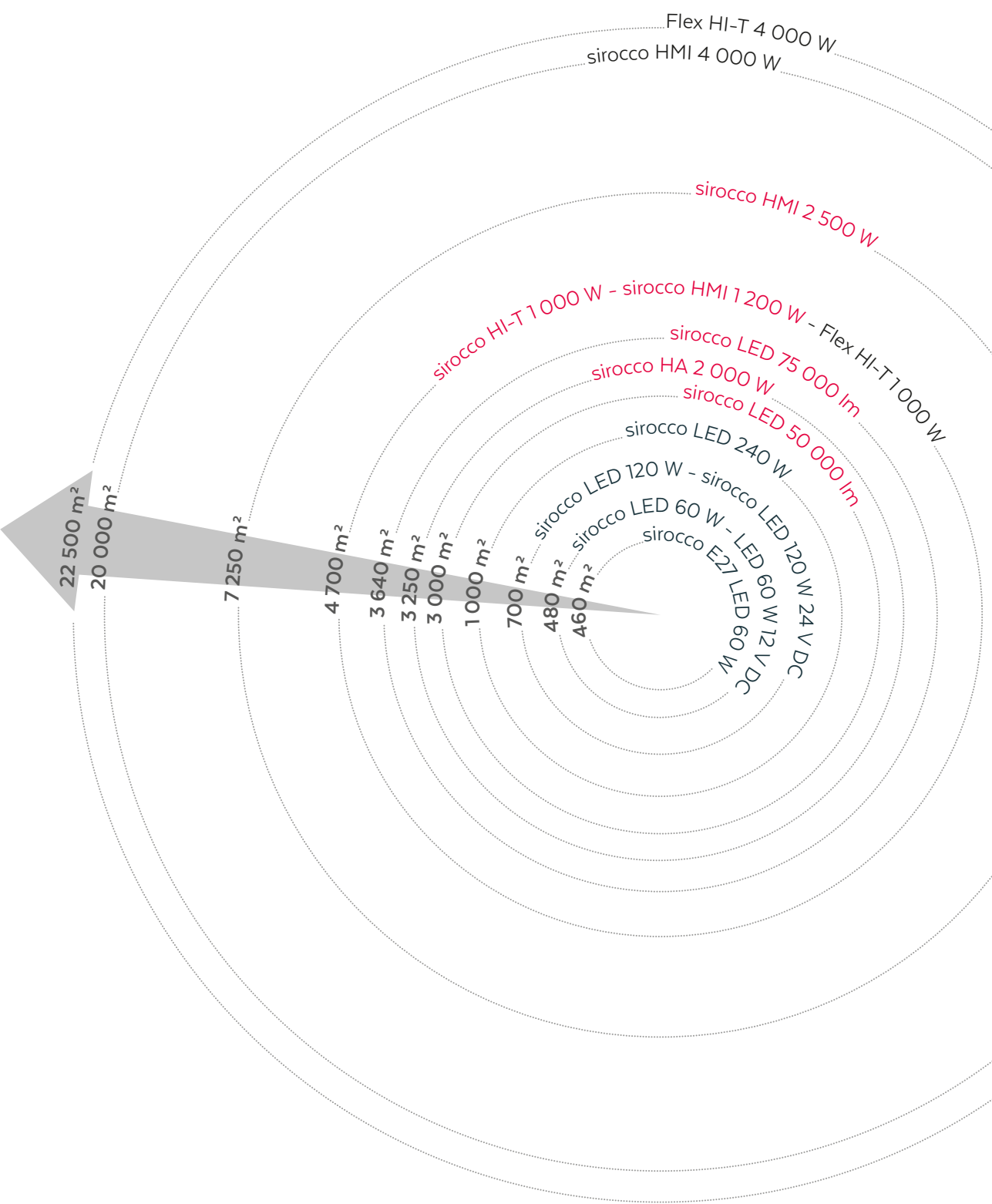
three rods envelope,  
made to resist  
strong winds



IP54



# comparative lighted areas for each product



# product range summary

	Sirocco S				Sirocco S TBT	
	LED E27 60 W	LED 60 W	LED 120 W	LED 240 W	LED 60 W 12 V DC	LED 120 W 24 V DC
Lighting data						
Open core area lighting requirement (EN1838 standard)	460 m <sup>2</sup>	480 m <sup>2</sup>	700 m <sup>2</sup>	1 000 m <sup>2</sup>	480 m <sup>2</sup>	700 m <sup>2</sup>
Maximum lumen	7 500 lm	6 150 lm	12 300 lm	24 600 lm	6 150 lm	12 300 lm
Light efficiency	120 lm/W	100 lm/W	100 lm/W	100 lm/W	100 lm/W	100 lm/W
Colour temperature	2 700 K	4 750 K	4 750 K	4 750 K	4 750 K	4 750 K
Technical data						
Lamps	LED	LED	LED	LED	LED	LED
Average lamp life*	25 000 h	40 000 h	40 000 h	40 000 h	40 000 h	40 000 h
Maximum power / Energy consumption	150 W	60 W	125 W	240 W	60 W	120 W
Available voltages	100-120 230 V 50-60 Hz	48 V DC	48 V DC	48 V DC	min. 12 V DC max. 48 V DC	min. 24 V DC max. 48 V DC
Restrike (necessary time for the lamp to turn on again)	instant	instant	instant	instant	instant	instant
Power supply	main power or battery	battery	battery	battery	main power or battery	main power or battery
Dimensions and packaging						
Weight of the balloon only	2.7 kg	3 kg	3 kg	3.7 kg	3 kg	3 kg
Net weight of the balloon + case + accessories**	8 kg	5.6 kg	10.5 kg	22 kg	5.4 kg	5.4 kg
Pro-pack version	no	yes	yes	yes	no	no

\* Under normal conditions of use \*\* without stand, without ballast





## industry

“

[...] 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 (United-Kingdom).*

.....

“

Our company is specialized in the public works. [...] During these past years, we have worked with the Airstar lighting balloons, especially for the work by night on highways.

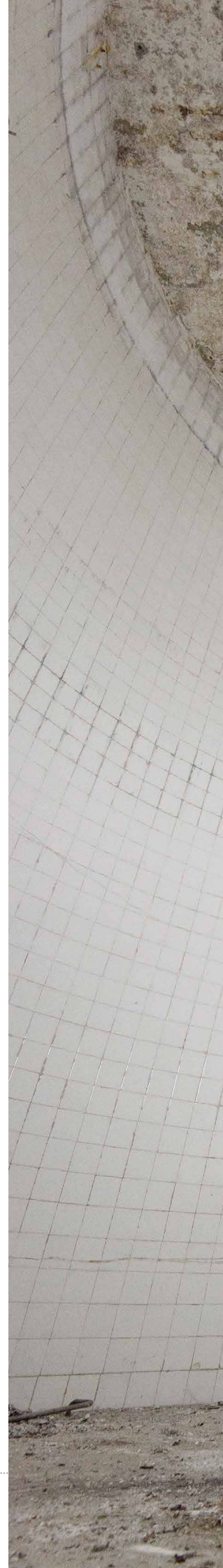
Nowadays, we don't work with strobes any more, as they diffused a glare and flat light, which increased the shadows and modified the vision. With the lighting balloons, we can see much better. The lighting is similar to daylight and there are no more shadows areas and no more glaring which is very important for the safety. These advantages are very important for the workers but also for the motorists who are not blinded as with a strobe. The visibility is so good that we don't need to use the light of our engines. This provides a very good work comfort. I can't imagine working by night without the lighting balloons!

When we worked on the highways, people who worked at the same time to draw the white lines used their own light but they appreciate the Airstar lighting system so much that they have finally used it since then. There is no doubt concerning the safety it provides.

”

**M. Paquier**

*Area manager, Eurovia (France).*





## safety

“

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 (United States).*

.....

“

[...] 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 (United-States).*

.....

“

[...] There were no shadows or glare as had been seen in other times we used this facility. The AirStar Lighting installers were able to offer the best suggestion on where to install the lighting and they were spot on. We had no difficulties, day or night, because of their installation. This was by far the best lighting we've ever used. ”

**Benny Rodriguez**

*Assisant Site Captain for Urban Shield, Member of California highway patrol (United States).*

.....



# > Airstar network



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Hanover  
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Panama

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



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○ our 3 production  
sites

● more than 70  
distributors  
in the world !

> sirocco & flex range  
by Airstar





## Airstar, the one and only



100 % of the  
balloons



More than 50 % of the range  
works with LED



70% of the range offers  
instant restrike



up to 130 km/h





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

