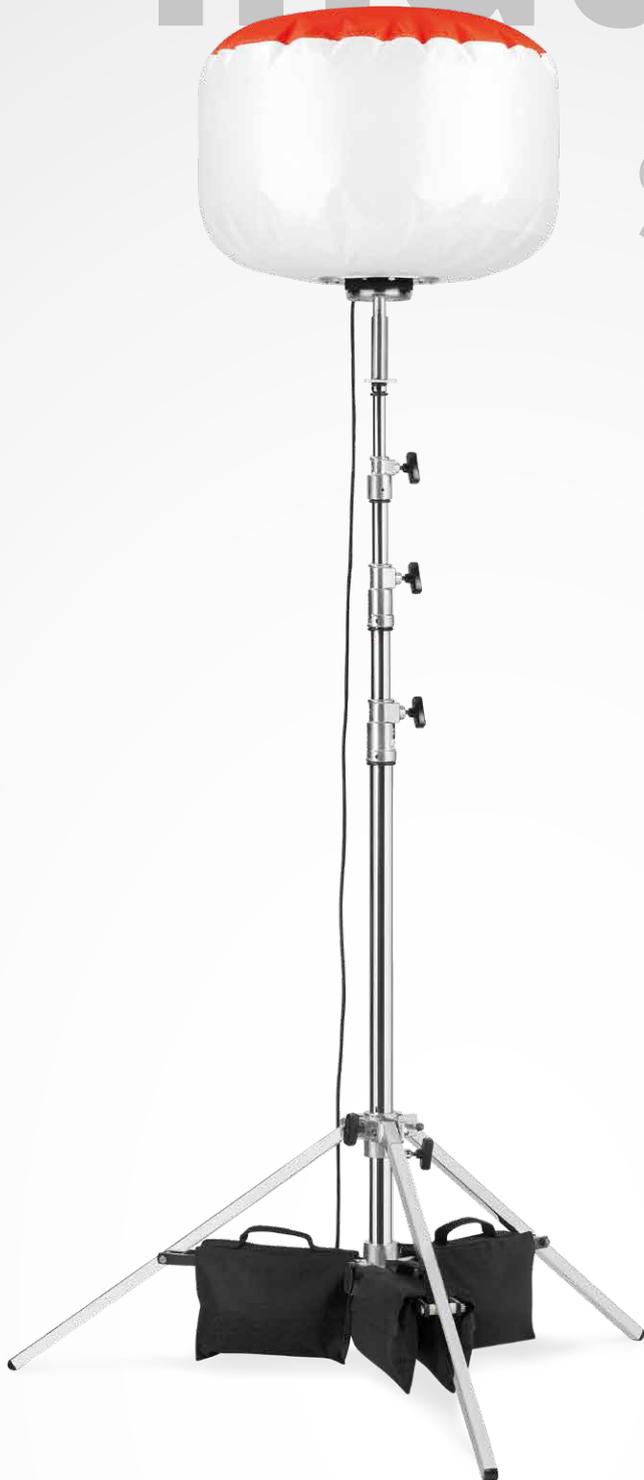


industry safety



.....
> catalogue

world leader
in lighting
balloons


AIRSTAR

with airstar
lighting balloons,
you can light
an area up to
22 500 m² 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
-  TBT
-  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**.





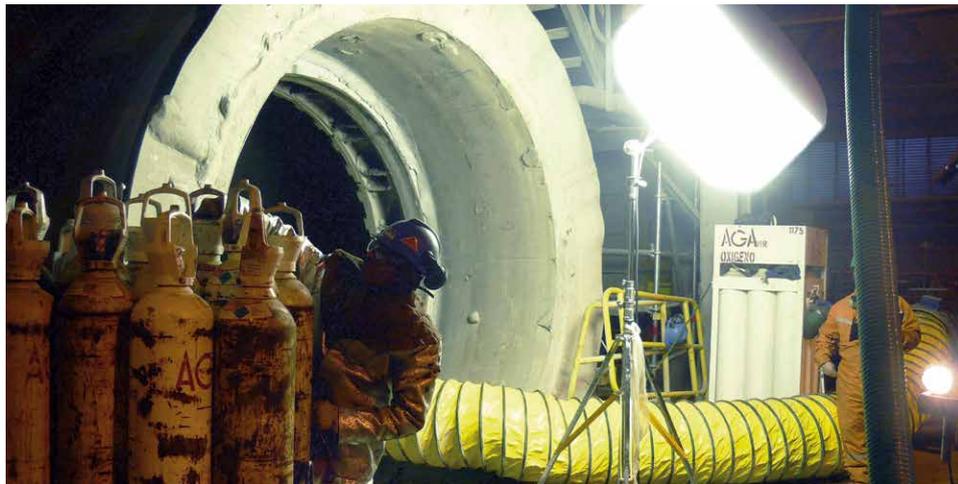
> homogenous
and 360°
diffuse light

> 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

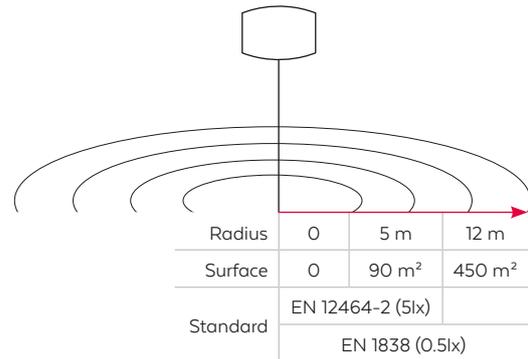


standard version



lighting data*

Open core area lighting requirement (EN1838 standard)	460 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	90 m ²
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 m², 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
Metallic case (integrated handle)	
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

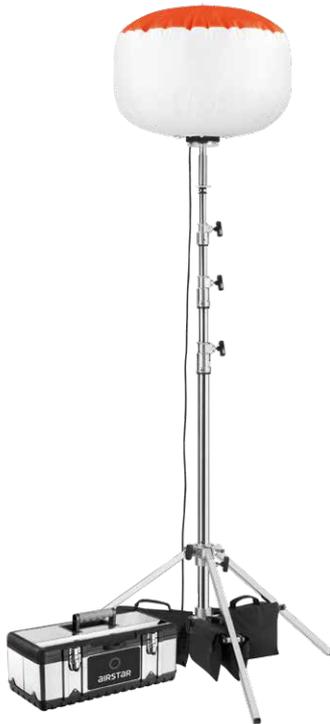
Rain and dust proof material IP54

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

sirocco LED 60 W

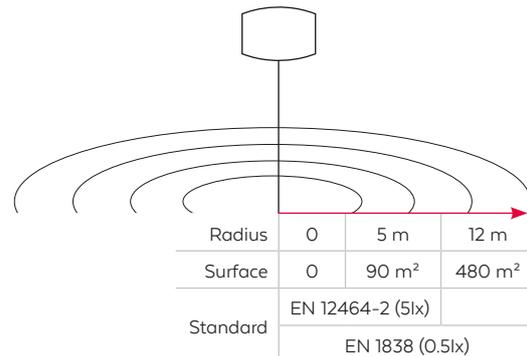


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	480 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	100 m ²
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 m², 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

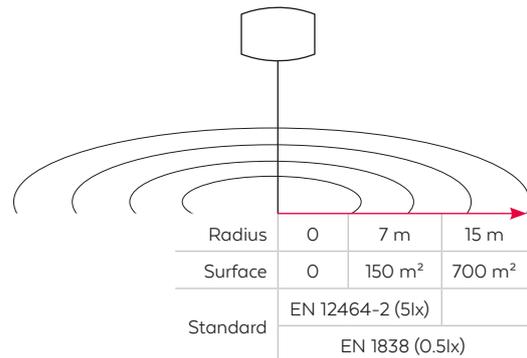


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	700 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	150 m ²
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 m², 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

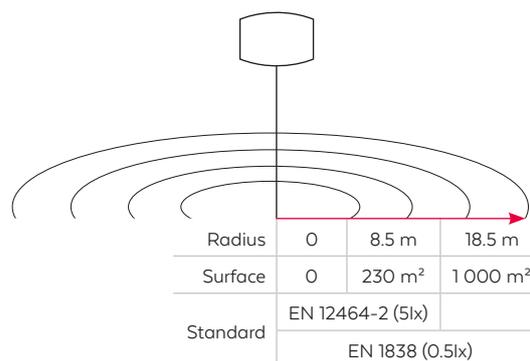


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	1 000 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	230 m ²
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 m², 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

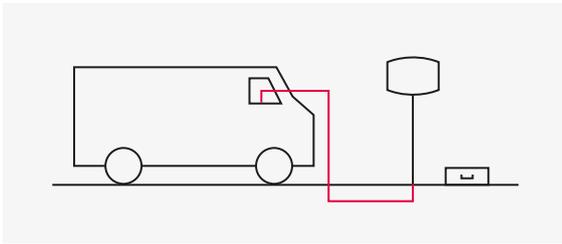
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph

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

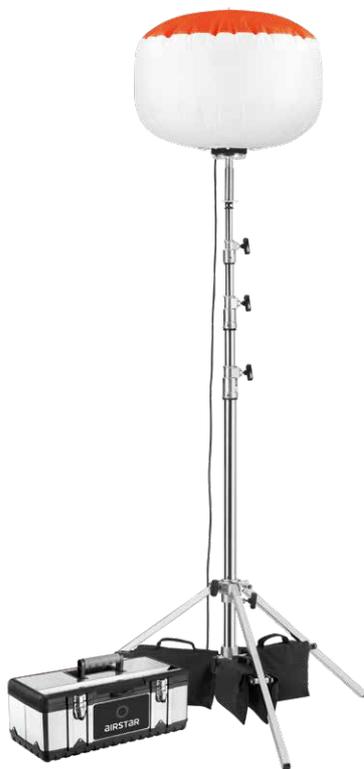
sirocco LED 60 W 12 V DC



extra low voltage supply



standard version

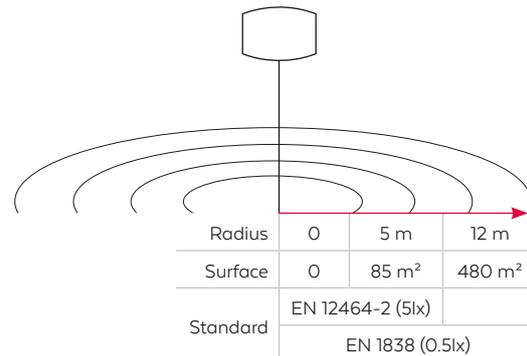


dimensions and packaging

Envelope size	ø 60 cm / h 45 cm
P400TA stand height	from 130 cm to 410 cm
Net weight of the balloon	3 kg
Metallic case (integrated handle)	
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 ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	85 m ²
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 m², 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 VDC
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

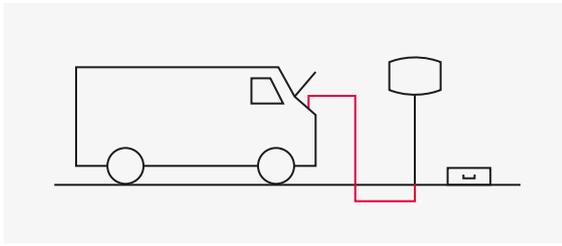
Safety low voltage power supply (< 60 VDC)	12 V
Flame-retardant fabric	
Silver internal reflector improving lumens below the balloon, increasing light to the work area and reduce light pollution	
Rain and dust proof material	IP54
Wind resistance of the balloon	80 km/h - 50 mph

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

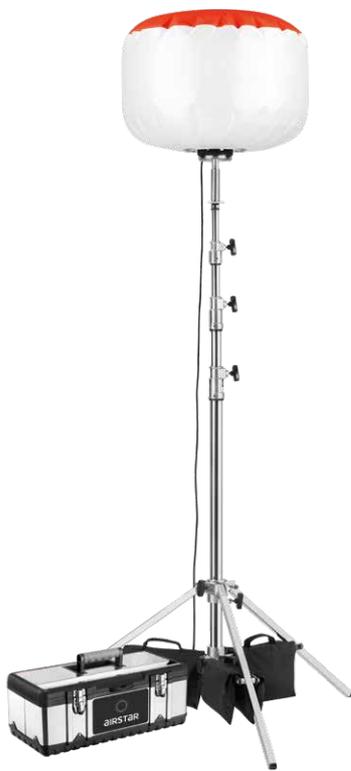
sirocco LED 120 W 24 V DC



extra low voltage supply

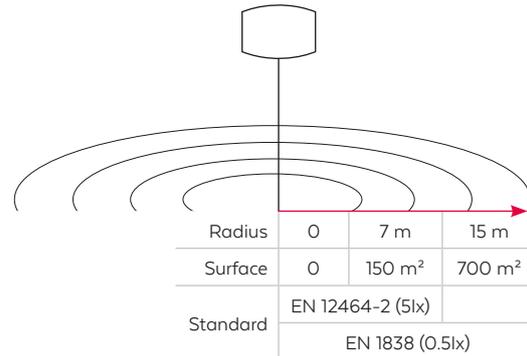


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	700 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	150 m ²
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 m², 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

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
Metallic case (integrated handle)	
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



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

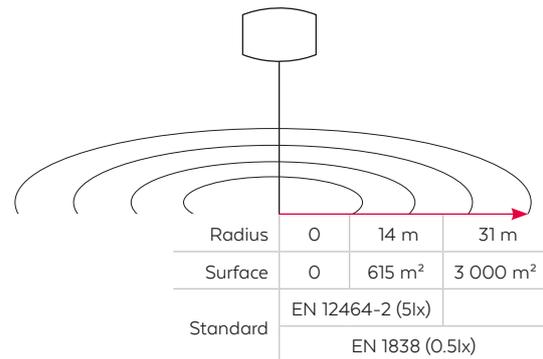


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	3 000 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	615 m ²
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 m², 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

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

> 75 000 lumens on a 1 kVA generator

sirocco LED 75 000 lm

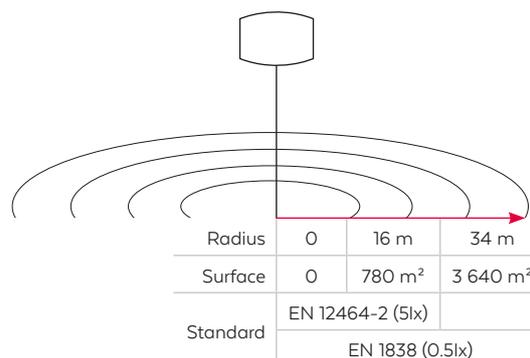


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	3 640 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	780 m ²
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 m², 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

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

> a very good power consumption to lighted area ratio (1000W for 4 700 m² lighted up)

sirocco HI-T 1 000 W

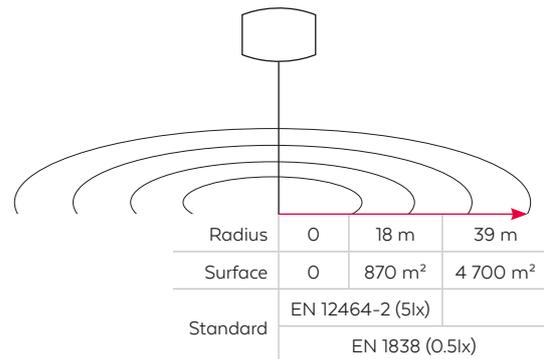


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	4 700 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m ²
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 m², 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
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

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

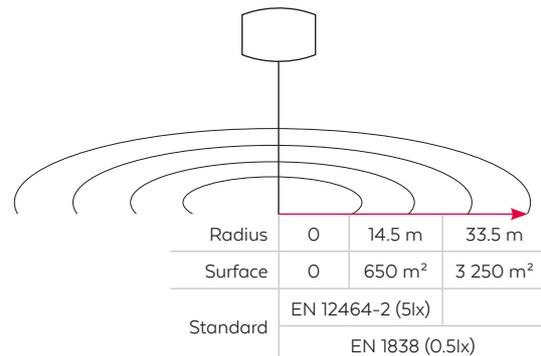


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	3 250 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	650 m ²
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 m², 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

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
PVC cylinder case	
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

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

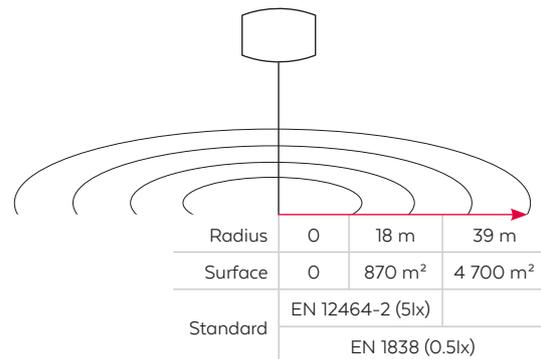


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	4 700 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m ²
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 m², 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

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
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	12 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
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

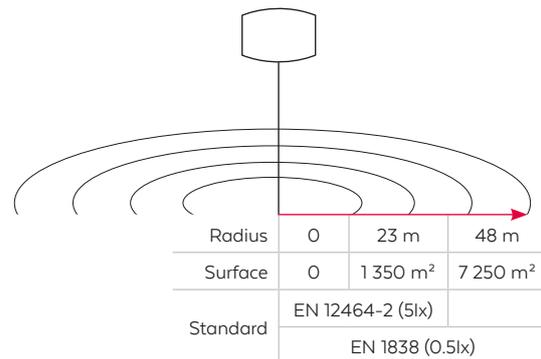


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	7 250 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	1 350 m ²
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 m², 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

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
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	12 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
Eyes protection	Pressure sensor
Wind resistance of the balloon	100 km/h - 60 mph


IP54



sirocco M 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



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

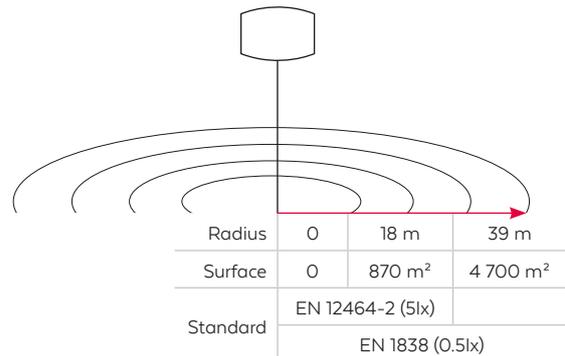


dimensions and packaging

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 ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	870 m ²
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 m², 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

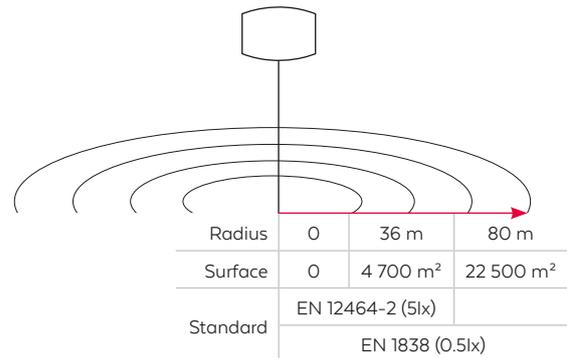
Envelope size	ø 140 cm / h 130 cm
Balloon cardbox dimensions	L 103 x l 56 x h 56 cm
Ballast cardbox dimensions	L 34 x l 27 x h 25 cm

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 ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	4 700 m ²
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 m², 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

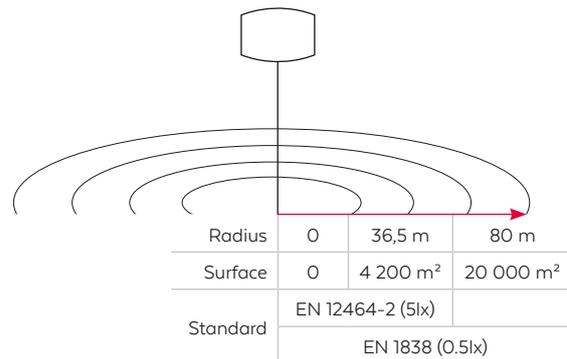


standard version



lighting data

Open core area lighting requirement (EN1838 standard)	20 000 m ²
Very low risk area lighting requirement for safety and security (EN12464-2 standard)	4 200 m ²
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 m², 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



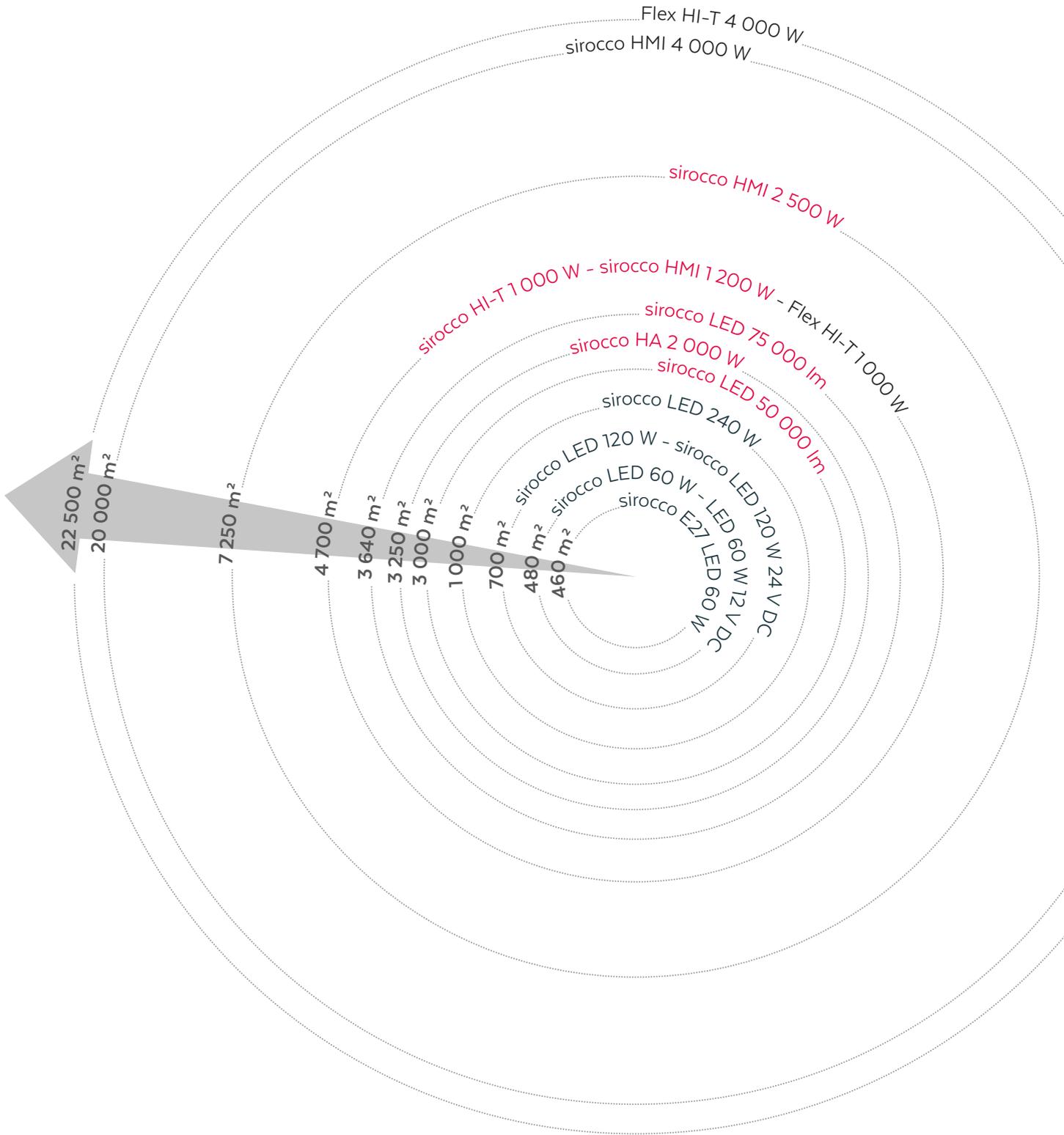
Flex envelope

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 ²	480 m ²	700 m ²	1 000 m ²	480 m ²	700 m ²
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

Sirocco M

Flex

Sirocco L

LED 50 000 lm	LED 75 000 lm	HI-T 1 000 W	HA 2 000 W	HMI 1 200 W	HMI 2 500 W	HI-T 1 000 W	HI-T 4 000 W	HMI 4 000 W
3 000 m ²	3 640 m ²	4 700 m ²	3 250 m ²	4 700 m ²	7 250 m ²	4 700 m ²	22 500 m ²	20 000 m ²
50 000 lm	75 000 lm	110 000 lm	54 000 lm	110 000 lm	240 000 lm	110 000 lm	440 000 lm	380 000 lm
125 lm/W	125 lm/W	110 lm/W	27 lm/W	92 lm/W	88 lm/W	110 lm/W	110 lm/W	100 lm/W
6 000 K	6 000 K	3 500 K 4 500 K	2 700 K 3 300 K	5 500 K 6 500 K	5 500 K 6 500 K	4 000 K	4 000 K	5 500 K 6 500 K
LED	LED	HI-T	halogen	HMI	HMI	HI-T	HI-T	HMI
50 000 h	50 000 h	8 000 h	300 h	750 h	500 h	8 000 h	8 000 h	500 h
400 W	600 W	1 280 W	2 000 W	1 300 W	2 800 W	1 600 W	6 400 W	4500 W
100-240 V 50 Hz	100-240 V 50 Hz	220-240 V 50 Hz	100-240 V 50-60 Hz	220-240 V 50 Hz	208 V / 60 Hz ou 220-240 V 50 Hz	220-240 V 50 Hz	230 V 50 Hz	100 V-120 V 230 V 50 Hz
instant	instant	~ 10 min	instant	instant	instant	~ 10 min	~ 10 min	instant
main power or generator	main power or generator	main power or generator	main power or generator					
7 kg	9 kg	10 kg	8 kg	10 kg	10 kg	10 kg	28 kg	20 kg
10 kg	12 kg	13 kg	11 kg	12 kg	12 kg	13 kg	30 kg	23 kg
no	no	no	no	no	no	no	no	no

> testimonials

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).

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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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