



## Technical data

Type	Sirocco TBT				Sirocco HMI		Sirocco HTI	
	1000W	2000W	12v	24v	1200W	4000W	1000 W	
<b>Mechanical</b>	Units		US/Jap					
Envelope diameter	cm/ ft.	110/ 3.6	110/ 3.6	50/ 1.64	70/ 2.3	110/ 3.6	220/ 7.2	110
Optimum operating height	m	2.5 to 5	2.5 to 5	2 to 3	2 to 3.5	2.5 to 5	10 to 15	2.5 to 5
	ft.	8.2 to 16.4	8.2 to 16.4	6.55 to 9.8	6.55 to 11.5	8.2 to 16.4	32.75 to 49.1	8.2 to 16.4
Average set up time	mn	10	10	5	5	10	15	10
Internal pressure	mb	3	3	3.5	4-Jan	3	3 to 5	3
<b>Electrical</b>								
Number of lamps		2	2	2	2	1	1	1
Type of lamps		halogen	halogen	halogen	halogen	HMI	HMI	HTI
Power of lamps	w	2x500	2x1000	2x100	2x250	1,200	4,000	1000
Voltage	v	120	120	12	24	120	120	120
Power cables		3G1.5	3G2.5	4x2.5	2x4	3G1.5	5G2.5+3x2	3G1.5
Type of lamp holder		FCM	FCM	G6.35	G6.35	G22	G38	E40
Average lamp life	h	2,000	300	2,000	300	800	500	8000
Power supply protection	A	1 fus.20A	1 fus.20A	fus.10A Bat.	1 fus.20A	1 fus.10A	disjonct. 16-25A	1 fus. 10A
Efficiency	Lm/W	24	22	28	36	92	95	80
Fire up time	mn	0	0	0	0	2 to 3	2 to 3	3 to 5
Restrike time	mn	0	0	0	0	5 to 7	3 to 6	10 to 15
Ignition voltage	Kv	-	-	-	-	5	45 to 55	4 to 5
<b>Lighting</b>								
Lighted area	m <sup>2</sup> / sq.ft.	1000/ 10800	1400/ 15120	200/ 2160	450/ 4860	2500/ 27000	10000/ 108000	2200 / 24 000
Light under the balloon/elevation	Lx/m (ft.)	125 / (16.4)	310 / (16.4)	180 / 2 (6.55)	261 / 3 (9.8)	510 / 5 (16.4)	200 / 15 (49.1)	420 / 5 (16.4)
Lighted area for a min of lux	m <sup>2</sup> / sq.ft. / 10Lx	260 / 2808	500 / 5400	60 / 648	160 / 1728	700 / 7560	3220 / 34,776	600 / 6480
Maximum lumen	Lm	24,000	44,000	5600	18,000	110,000	380,000	80,000
Theoretical color temperature	°K	3200	3200	3200	3200	5600	5600	4000
<b>Safety</b>								
Global protection rating	IP	44	44	44	44	44	44	44
Noise level	dB	60	60	60	60	60	60	60
Wind speed resistance	km/h / mph	100/ 62.5	100/ 62.5	40/ 25	40/ 25	100/ 62.5	100/ 62.5	100/ 62.5
<b>Packaging</b>								
Type		Plastic container		plastic box		1 flight case + ballast		Cylinder + plastic case
Weight	kg/ lbs	8/ 17.6	8/ 17.6	4/ 8.8	7/ 15.4	from 72/ 158.4 to 83/ 182.6		32 / 70.4
Dimensions	cm			52x31x23		120x50x50 + 38.8x48.8x63.5		110x30x30 + 81x44x31
	ft.			1.7x1x0.75		3.3x1.6x1.6 + 1.3x1.6x2.1		3.6x1x1 + 2.7x1.44x1.01

