



Technical data

Type	Sirocco TBT				Sirocco HMI		Sirocco HTI	
	1000W	2000W	12v	24v	1200W	4000W	1000 W	
Mechanical	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
Electrical								
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
Lighting								
Lighted area	m ² / 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 ² / 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
Safety								
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
Packaging								
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

