



Technical data

Type	Sirocco Halogen*			Sirocco TBT		Sirocco HMI		Sirocco HTI				
	2000W			12v	24v	1200W	4000W	1000 W		3000 W		
Mechanical features	Units	230v	230v	100/120v				230v	100/120v	230v	100/120v	
Envelope diameter	cm/ ft.	110/ 3.6			50/ 1.64	70/ 2.3	110/ 3.6	220/ 7.2	110/ 3.6	110/ 3.6	110/ 3.6***	110/ 3.6***
Optimum operating height	m	2.5 to 5			2	3	2.5 to 5	10 to 15	2.5 to 5	2.5 to 5	8 m	8 m
	ft.	8.2 to 16.4			6.56	9,8	8.2 to 16.4	32.75 to 49.1	8.2 to 16.4	8.2 to 16.4	26.2	26.2
Average set up time	mn	10			5	5	10	15	10	10	15	15
Internal pressure	mb	3			3.5	4	3	3 to 5	3	3	1.8	1.8
Electrical features												
Number of lamps		1	2	2	2	2	1	1	1	1	3	3
Type of lamps		halogen			halogen	halogen	HMI	HMI	HTI	HTI	HTI	HTI
Power of lamps	w	2,000	1,000	1,000	2x100	2x250	1,200	4,000	1,000	1,000	1,000	1,000
Voltage	v	230	230	120/100	12	24	230/208	100/120/230	230	120 / 100	230	120 / 100
Ballast		-	-	-	-	-	BM/ BE 1200	B IREM	BM 1000	BM 1000	3xBM 1000	3xBM 1000
Power cables		3G1.5	3G1.5	3G2.5	4x2.5	2x4	3G1.5	5G2.5+3x2	3G1.5	3G2.5	12 G1.5	12 G1.5
Type of lamp holder		E40	R7s	R7s	G6.35	G6.35	G38	G38	E40	E40	E40	E40
Average lamp life	h	1,000	300	300	2,000	300	750	500	6,000	6,000	6,000	6,000
Power supply protection	A	1 fus.10A	1 fus.10A	1 fus.20A	fus.10A Bat.	1 fus.20A	1 fus.10A	circuit breaker.16-25A	1 fus. 10A	1 fus. 20A / 15A	1 fus. 10A	3x1 fus. 20A
Efficiency	Lm/W	25	27	27	28	36	92	95	80	80	80	80
Fire up time	mn	0	0	0	0	0	2 to 3	2 to 3	3 to 5	3 to 5	3 to 5	3 to 5
Restrike time	mn	0	0	0	0	0	< 1	3 to 6	10 to 15	10 to 15	10 to 15	10 to 15
Ignition voltage	Kv	-	-	-	-	-	25 / 45	45 to 55	4 to 5	4 to 5	4 to 5	4 to 5
Lighting features												
Lighted area	m ² / sq.ft.	1,400/ 15,120	1,500/ 16,200		200/ 2,160	450/ 4,860	2,500/ 27,000	10,000/ 108,000	2,200/ 24,000	2,200 / 24,000	6,500	6,500
Light under the balloon/elevation	Lx/m (ft.)	261 / 5 (16.4)	310 / 5 (16.4)		180 / 2 (6.55)	261 / 3 (9.8)	560 / 5 (16.4)	172 / 15 (49.1)	420 / 5 (16.4)	420 / 5 (16.4)	390/ 7 (23)	390/ 7 (23)
Lighted area for a min of lux	m ² / sq.ft. / Lx	420 (4,536) / 10	500 (5,400) / 10		60 (648) / 10	160 (1,728) / 10	700 (7,560) / 10	3,220 (34,776) / 10	650 (7,020) / 10	650 (7,020) / 10	2,850 (30,780) / 17	2,850 (30,780) / 17
Maximum lumen	Lm	50,000	54,000	54,600	5,600	18,000	110,000	380,000	80,000	80,000	300,000	300,000
Theoretical color temperature	°K	3,200	3,200	3,200	3,200	3,200	5,600 / 6,000	6,000	4,000	4,000	4,000	4,000
Safety features												
Global protection rating	IP	53	53	53	53	53	53	53	54	54	54	54
Noise level	dB	60	60	60	60	60	60	60	60	60	60	60
Wind speed resistance	km/h / mph	100/ 62.5	100/ 62.5	100/ 62.5	40/ 25	40/ 25	100/ 62.5	100/ 62.5	100/ 62.5	100/ 62.5	50/ 31.3	50/ 31.3
Packaging												
Type		Plastic cylinder			Plastic box		Cylinder + plastic box (ballast)	1 flight case + one pallet (ballast)	Cylinder + Cardboard box (ballast)		1 cardboard + 3 cardboards (ballasts)	
Weight	kg	8			4	9	8 + 24	from 72 to 83	8 + 12		50	
	lbs	17.6			8.8	19.8	17,6 + 52,8	from 158.4 to 182.6	17,6 + 26,4		110	
Dimensions	cm	110 x 30 x 30			52 x 32 x 23	81 x 45 x 33	110x30x30	120x50x65	110x30x30		115x55x50	
	ft.	3.61 x 0.98 x 0.98			1.7 x 1.04 x 0.75	2,7 x 1,5 x 1,1	81 x 45 x 33	+ 72x47x68	+ 30x20x17 + 48x30x30		+ 30x20x17 + 48x30x30	
							3.61 x 0.98 x 0.98	3.93 x 1.64 x 2.13	3.61 x 0.98 x 0.98		3.76 x 1.8 x 1.64	
							+ 2,7 x 1,5 x 1,1	+ 2.36x1.54x2.23	+ 0.98x0.66x0.56 + 1.6x0.98x0.98		+ 3x 0.98x0.66x0.56 + 3x 1.6x0.98x0.98	



