



Technical data

	Unit	Crystal 90	Crystal 130	Crystal 160			
				2000w halogen US/ Jap	2000w halogen	700 w HMI	1200 W HMI
Mechanical							
Envelope Diameter	cm / ft.	90 / 2.95	130 / 4.3	160 / 5.24	160 / 5.24	160 / 5.24	160 / 5.24
Optimum operating height	m / ft.	3 / 9.8	4 / 13.1	5 / 16.4	5.5 / 18	5.5 / 18	5.5 / 18
Average set up time	mn	10	10	10	10	10	10
Internal pressure	mb	From 5 to 6	From 3 to 4	From 3 to 4	From 3 to 4	From 3 to 4	From 3 to 4
Electrical							
Number of lamps		1	1	2	1	1	1
Type of lamps		halogen	halogen	halogen	halogen	HMI	HMI
Power of lamps	w	500	1 000	1 000	2 000	700	1 200
Voltage	v	230	230	100/110	230	230/208	230/208
Power cable		3G1.5	3G1.5	3G2.5	3G1.5	3G1.5	3G1.5
Type of lamp holder		E40	E40	R7s	E40	G22	G22
Average lamp life	h	2 000	2 000	300	1 000	1000	800
Power supply protection	A	1 fus. 10A	1 fus. 10A	1 fus. 20A	1 fus. 10A	1 fus 10A	1 fus. 10A
Efficiency	Lm/W	20.5	24	22	25	78	92
Fire up time	mn	0	0	0	0	2 to 3	2 to 3
Restrike time	mn	0	0	0	0	5 to 7	5 to 7
Ignition voltage	Kv	-	-	-	-	5	5
Lighting							
Lighted area	m ² / sq.ft.	200 / 2160	600 / 6480	1200 / 12960	1300 / 14040	1500 / 16200	3000 / 32400
Lighted under the ballon / elevation	Lx / m (ft.)	42 / 3 (9.8)	60 / 4 (13.1)	60 / 5 (16.4)	64 / 5.5 (18)	100 / 5.5 (18)	200 / 5.5 (18)
Lighting area for a minimum of lux	m ² (sq.ft.) / Lx	150 (1620) / 11	530 (5724) / 10	-	1000 (10800) / 10	1250 (13500) / 10	2800 (30240) / 10
Maximum lumen	Lm	10 250	24 000	44 000	50 000	55 000	110 000
Theoretical color temperature	°K	3200	3200	3200	3200	5600	5600
Safety							
Global protection rating	IP	44	44	44	44	44	44
Noise level	dB	60	60	60	60	60	60
Wind speed resistance	Km/h / mph	40 / 25	40 / 25	40 / 25	40 / 25	40 / 25	40 / 25
Packaging							
Type		1 plastic box	1 plastic box	1 plastic box	1 plastic box	2 plastic boxes	2 plastic boxes
Dimensions	cm	81x45x33	81x45x33	81x45x33	81x45x33	81x45x33	81x45x33
	ft.	2.65x1.5x1.1	2.65x1.5x1.1	2.65x1.5x1.1	2.65x1.5x1.1	2.65x1.5x1.1	2.65x1.5x1.1
Gross weight	kg / lbs	12/ 26.4	12/ 26.4	12/ 26.4	12/ 26.4	20/ 44	20/ 44

