



Technical data

		Crystal 90	Crystal 130	Crystal 160		
		600w halogen	1000w halogen	2000w halogen	1000W HTI	1200 W HMI
Mechanical	Unit					
Envelope Diameter	cm / ft.	90 / 2.95	130 / 4.3	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
Average set up time	mn	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
Electrical						
Number of lamps		2	2	2	1	1
Type of lamps		halogen	halogen	halogen	HMI	HMI
Power of lamps	w	2x300	2x500	2x1000	1000	1,200
Voltage	v	120	120	120	120	208
Power cable		3G1.5	3G1.5	3G2.5	3G1.5	3G1.5
Type of lamp holder		R7S	R7S	R7S	E40	G22
Average lamp life	h	300	300	300	8000	800
Power supply protection	A	1 fus. 20A	0 fus. 20A	1 fus. 20A	1 fus 10A	1 fus. 10A
Efficiency	Lm/W	20.5	24	22	80	92
Fire up time	mn	0	0	0	3 to 5	2 to 3
Restrike time	mn	0	0	0	10 to 15	5 to 7
Ignition voltage	Kv	-	-	-	4 to 5	5
Lighting						
Lighted area	m ² / sq.ft.	200 / 2160	600 / 6480	1200 / 12960	2000 / 21000	3000 / 32400
Lighted under the ballon / elevation	Lx / m (ft.)	42 / 3 (9.8)	60 / 4 (13.1)	60 / 5 (16.4)	180 / 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	-	1250 (13500) / 10	2800 (30240) / 10
Maximum lumen	Lm	10,250	24,000	44,000	80,000	110,000
Theoretical color temperature	°K	3200	3200	3200	4000	5600
Safety						
Global protection rating	IP	44	44	44	44	44
Noise level	dB	60	60	60	60	60
Wind speed resistance	Km/h / mph	40 / 25	40 / 25	40 / 25	40 / 25	40 / 25
Packaging						
Type		1 plastic box	1 plastic box	1 plastic box	2 plastic boxes	2 plastic boxes
Dimensions	cm	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
Gross weight	kg / lbs	12/ 26.4	12/ 26.4	12/ 26.4	20/ 44	20/ 44

