



Technical data

	Unit	Crystal 90 500w halogen	Crystal 130 1,000w halogen	Crystal 160				Crystal WR		
				2,000w halogen		700 w HMI	1,200 W HMI	1,000 W HTI	2400 w 230 v	1 800 w 120 v
				100/ 110 v	230v					
Mechanical										
Envelope Diameter	cm / ft.	90 / 2.95	130 / 4.3	160 / 5.24	160 / 5.24	160 / 5.24	160 / 5.24	160	130 / 160 / 200	130 / 160 / 200
Optimum operating height	m / ft.	3 / 9.8	4 / 13.1	5 / 16.4	5.5 / 18	5.5 / 18	5.5 / 18	5,5	5	5
Average set up time	mn	10	10	10	10	10	10	10	20	20
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	From 3 to 4	entre 2 et 3	entre 2 et 3
Electrical										
Number of lamps		1	1	2	1	1	1	1	6	6
Type of lamps		halogen	halogen	halogen	halogen	HMI	HMI	HTI	halogene IRC	halogene
Power of lamps	w	500	1,000	1,000	2,000	700	1,200	1,000	400	300
Voltage	v	230	230	100/ 110	230	230/ 208	230/ 208	230	230	120
Power cable		3G1.5	3G1.5	3G2.5	3G1.5	3G1.5	3G1.5	3G1,5	5G2,5-10m	5G2,5-10m
Type of lamp holder		E40	E40	R7s	E40	G22	G38	E40	R7s	R7s
Average lamp life	h	2,000	2,000	300	1,000	1,000	800	6,000	2 000	3 000
Power supply protection	A	1 fus. 10A	1 fus. 10A	1 fus. 20A	1 fus. 10A	1 fus 10A	1 fus. 10A	1 fus. 10A	switch	switch
Efficiency	Lm/W	20.5	24	22	25	78	92	80	23	17
Fire up time	mn	0	0	0	0	2 to 3	2 to 3	3 to 5	0	0
Restrike time	mn	0	0	0	0	5 to 7	< 1	10 to 15	0	0
Ignition voltage	Kv	-	-	-	-	5	5	4 to 5	0	0
Lighting										
Lighted area	m ² / sq.ft.	200 / 2,160	600 / 6,480	1,200 / 12,960	1,300 / 14,040	1,500 / 16,200	3,000 / 32,400	2,800 / 30,240	2,100 / 22,680	1,400 / 15,120
Lighted under the ballon / elevation	Lx / m (ft.)	75 / 3 (9.8)	104 / 4 (13.1)	-	114 / 5.5 (18)	100 / 5.5 (18)	200 / 5.5 (18)	189 / 5,5 (18)	138 / 5 (16,4)	79 / 5 (16,4)
Lighting area for a minimum of lux	m ² (sq.ft.) / Lx	80 (864) / 10	200 (2,160) / 10	-	450 (4,860) / 10	400 (4,320) / 10	800 (8,640) / 10	600 (6,480) / 10	410 (4,428) / 10	235 (2,538) / 10
Maximum lumen	Lm	10,250	24,000	44,000	50,000	55,000	110,000	80,000	54 150	31 200
Theoretical color temperature	°K	3,200	3,200	3,200	3,200	5,600	5,600	4,000	2900	2900
Safety										
Global protection rating	IP	43	43	43	43	43	43	54	54	54
Noise level	dB	60	60	60	60	60	60	60	44	44
Wind speed resistance	Km/h / mph	30 / 19	30 / 19	30 / 19	30 / 19	30 / 19	30 / 19	30 / 19	80	80
Packaging										
Type		1 plastic box	1 plastic box	1 plastic box	1 plastic box	1 plastic box	1 plastic box	1 plastic box	1 plastic box	1 plastic box
Dimensions	cm	81x45x33	81x45x33	81x45x33	81x45x33	81x45x33	81x45x33	81x45x33	81x41x31	81x41x31
	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	2.65x1.5x1.1	10 / 12 / 15	10 / 12 / 15
Gross weight	kg / lbs	12/ 26.4	12/ 26.4	12/ 26.4	12/ 26.4	12/ 26.4	12/ 26.4	12/ 26.4		
Packagin for ballast						1 plastic box	1 plastic box	1 cardboard		
Dimensions - BM/BE	cm					-/ 52x31x22	81x45x33/ 52x31x22	30x20x17		
	ft.					-/ 1.7x1.02x0.72	2.65x1.5x1.1/ 1.7x1.02x0.72	1x0.66x0.56		
Gross weight - BM/BE	kg (lbs.)					-/ 8 (17.6)	17 (37.4) / 8 (17.6)	12 (26.4) / -		

