



Technical data

		Solarc 250/300	Solarc 370	Solarc 6,6k *	Solarc 12k	Solarc 18k *	Solarc 36k *
Mechanical	Unit						
Envelope diameter	m/ ft.	2.5/ 8.2 or 3/ 9.8	3.7 / 12.14	↕ 3.70/ 12.14 ↔ 4.50/ 1	5 / 16,4	↕ 4.30/ 14.1 ↔ 6.30/ 20.7	↕ 5,5 / 18 ↔ 7/ 23
Reflector		-	option	option	option	option	option
Optimum operating height	m / ft.	15 / 49.2	20 / 65.6	14 / 45.9	20 / 65,6	25/ 81.9	35 / 114.6
Helium volume	m ³ / ft.³	9/ 312.3 or 15/ 520.5	26 / 917.3	40/ 1,388	75 / 2,646	90/ 3,123	142 / 5,014
Average set up time	mn	25	40	90	120	120	150
Maximum internal pressure	mb	7	7	7	7	7	7
Electrical							
Number of lamps		2	4	6	3	9	18
Type of lamps		HMI	HMI	halogen + HMI	HMI	halogen + HMI	halogen + HMI
Lamps power	w	2 x 1,200	4 x 1,200	3x1,000 + 3x1,200	3 x 1,000	6x1,000 + 3x4,000	12x1,000 + 6x4,000
Voltage	v	100/ 120/ 208/ 230	100 / 120 / 230	230	230	230	230
Power cable		4x2.5 ² + 2x0.34 ²		8x2.5 ² + 4x0.34 ²	6x30 / 5c + 1	8x4 ² + 5x2.5 ² + 5x1 ²	2 x (Solarc 18k)
Lamp holder type		G38	G38	G6.35 + G38	G38	G6.35 + G38	G6.35 + G38
Average lamp life	h	400	400	75 / 800	800	75 / 800	75 / 800
Power supply protection	A	Circuit breaker 16A	Circuit breaker 16A	Fus. 8A	Circuit breaker 25A	Circuit breaker 25A	Circuit breaker 25A
Efficiency	Lm/W						
Fire up time	mn	4	4	4	4	4	4
Restrike time	mn	< 7	< 7	< 1 (if BM1200 HR)	< 7	< 7	< 7
Ignition voltage	Kv	50	50	50	50	50	50
Lighting							
Lighted area	m ² / sq.ft.	4,000 / 44,000	7,000 / 75,500	6,500 / 70,000	10,000 / 108,000	12,000 / 129,600	20,000 / 216,000
Light under the ballon / elevatio Lx / m (ft.)		150 / 10 (32.75) with cal	200 / 14 (46) with ca	266 / 10 (32.8) with refl	70 / 20 (65,6) with ca	210 / 25 (81.9) with refl	170/ 35 (114.6) with refl
Lighed area for a minimum of lum ² (sq.ft.)/ Lx		1000 (10,800) / 20	2000 (21,600) / 21	1500 (16,200) / 22	3850 (41,580) / 20	4400 (47,520) / 20	9500 (102,600) / 24
Maximum lumen	Lm	220	440	413	1,140	1,305	2,610
Theoretical color temperature	°K	6	6	*Color corrector	6	* Color corrector	
Safety							
Max wind speed resistance	km/h / mph	20/ 12.5	30 / 18.6	20/ 12.5	40 / 25	40/ 25	40/ 25
Packaging							
Type		Flight case	Flight case	Flight case	Flight case	Flight case	Flight case
Dimensions	cm	60x60x60 / 64x64x64	90 x 80 x 80	115x85x92	120x80x93	120x80x93	2x(120x80x93)
	ft.	1.97x1.97x1.97 or 2.1x2.1x2.1	3 x 2.6 x 2.6	3.8x3.8x3.8	3.9x3.6x3.1	3.9x2.6x3.1	2x(3.9x2.6x3.1)
Gross weight	kg/ lbs	60/ 132	170 / 375	125 / 275	140 / 308	155/ 341	310/ 682

