



Technical data

		Solarc 250 or 300	Solarc 6,6k ✱	Solarc 18k ✱	Solarc 36k ✱
Mechanical					
	Unit				
Envelope diameter	m/ ft.	2.5/ 8.2 or 3/ 9.8	↕ 3.70/ 12.1 ↔ 4.50/ 14.7	↕ 4.30/ 14.1 ↔ 6.30/ 20.6	↕ 6.94/ 22.7 ↔ 7.94/ 26
Reflector		-	option	option	option
Optimum operating height	m / ft.	10 / 32.75	14/ 45.9	25/ 81.9	35 / 114.6
Helium volume	m ³ / ft. ³	9/ 312.3 or 15/ 520.5	40/ 1388	90/ 3123	200 / 7060
Average set up time	mn	45	90	120	150
Maximum internal pressure	mb	7	7	7	7
Electrical					
Number of lamps		2	6	9	18
Type of lamps		HMI	halogen + HMI	halogen + HMI	halogen + HMI
Lamps power	w	2 x 1200	3x1000 + 3x1200	6x1000 + 3x4000	12x1000 + 6x4000
Voltage	v	230	230	380	380
Power cable		4x2.5 ² + 2x0.34 ²	8x2.5 ² + 4x0.34 ²	8x4 ² + 5x2.5 ² + 5x1 ²	2 x (Solarc 18k)
Lamp holder type		G38	G6.35 + G38	G6.35 + G38	G6.35 + G38
Average lamp life	h	400	75 / 800	75 / 800	75 / 800
Power supply protection	A	Circuit breaker 16A	Fus. 8A	Circuit breaker 25A	Circuit breaker 25A
Fire up time	mn	4	4	4	4
Restrike time	mn	< 7	< 1 (if BM1200 HR)	< 7	< 7
Ignition voltage	Kv	50	50	50	50
Lighting					
Light under the ballon / elevation	Lx / m (ft.)	200 / 10 (32.75) with cal	266 / 14 (45.9) with refl	200 / 25 (81.9) with refl	200/ 35 (114.6) with refl
Lighed area for a minimum of lux	m ² (sq.ft.)/ Lx	100 (1076) / 25	150 (1614) / 25	245 (2636) / 25	340 (3658) / 25
Maximum lumen	Lm	220	413	1 305	2 610
Theoretical color temperature	°K	6000	Color corector ✱	3200 ✱	Color corector ✱
Safety					
Global protection rating	IP	44	44	44	44
Max wind speed resistance	km/h / mph	20/ 12.5	20/ 12.5	40/ 25	40/ 25
Packaging					
Type		Flight case	Flight case	Flight case	Flight case
Dimensions	cm	60x60x60 / 64x64x64	115x85x92	120x80x93	2x(120x80x93)
	ft.	1.97x1.97x1.97 or 2.1x2.1x2.1	3.8x3.8x3.8	3.9x2.6x3.1	2x(3.9x2.6x3.1)
Gross weight	kg/ lbs	60/ 132		155/ 341	310/ 682

