

IR DEVICES-MAKE	Model	Cost (dollars)	Length (in)	Width (in)	Battery	Run time (hrs)	Total Visibility score	Visibility average	Ranking
Cejay	Athena	\$99	2.6	1	CR123	100	53.25	3.80	3
Cejay	Glo-wand MK8	\$7	6	0.75	#675 (3)	72	37	2.64	7 tie
Cejay	Glo-wand MK8	\$12	2.8	0.75	#675 (3)	72	32.5	2.32	9
Cyalume	IR light stick	\$4	6	0.59	n/a	3	10.25	0.73	12
Phoenix	Firefly Jr.	\$20	1.5	0.62	9 volt	100	42.75	3.05	6
Glo Toob	IR	\$32	2.75	0.75	A23 cell	30	4	0.29	13
MS 2000	Rescue beacon	\$95	4.5	2.2	AA (2)	8	46.5	3.32	5
Powerflare	PF-200 Tactical	\$110	4.25	1.25	CR123	24 (dependent on flash pattern)	37	2.64	7 tie
Surefire	Helmet light	\$99	2.2	2.6	CR123A	120	13.5	1.04	11
Tektite	IR Strobe 300	\$83	9.25	1.9	C-cell (3)	24	90.5	6.46	2
Tektite	IR Strobe 200	\$74	7.25	1.9	C-cell (2)	30	96.75	6.91	1
Tektite	IR Mark-lite Strobe	\$50	5.75	1.2	AA	6	45	3.46	4
Adventure Light	VIP	\$108	2.75	2	DL123A	40 (varies by program)	28.75	2.21	10

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LOCATION SCORES

IR DEVICES-MAKE	Model	RANGE												K9	AIR	total visibility score	average visibility	Rank		
		1	2	3	4	5	6	7	8	RAIN	MOVE	9	10							
Cejay	Athena	9	4	5	4.25	5	2	4	1	0	8			5	2	3	1	53.25	3.80	3
Cejay	Glo-wand MK8	6	1.5	6	0	4	0	3.5	1	0	6			6	2	1	0	37	2.64	7 tie
Cejay	Glo-wand MK8	4	1	5	0	3	0	3	1.5	0	6			6	1	2	0	32.5	2.32	9
Cyalume	IR light stick	4	0	0	0	0.5	0	0	0	0	3.75			2	0	0	0	10.25	0.73	12
Phoenix	Firefly Jr.	7	3.5	3	2.25	4	2	2.5	0	0	8			4	3	3	1	42.75	3.05	6
Glo Toob	IR	2	0	0	0	0	0	0	0	0	2			0	0	0	0	4	0.29	13
MS 2000	Rescue beacon	8.5	2	5.5	1.5	3.5	3.5	3	1	1.5	6.5			4	3	2	1	46.5	3.32	5
Powerflare	PF-200 Tactical	9	2	4	0	1.5	0	7	0	0	4.5			3	3	2	1	37	2.64	7 tie
Surefire	Helmet light	1	0.75	1.25	0	2	0	0	0	0	5.5			n/t	2	1	0	13.5	1.04	11
Tektite	IR Strobe 300	9	6.75	7.5	5.75	6.5	5	9	5	5.5	9			8	5.5	6	2	90.5	6.46	2
Tektite	IR Strobe 200	9	7	9	5.5	7	6.5	8	6.5	5	8.75			8	7	7.5	2	96.75	6.91	1
Tektite	IR Mark-lite Strobe	5.5	4	5	1.5	4.5	1	6	1	1	7.5			n/t	4	3	1	45	3.46	4
Adventure Light	VIP	6.5	1.75	2	0	1	2.5	2.5	2.5	0	4			n/t	2	2	2	28.75	2.21	10
												n/t= not tested								