

Comparison Chart of Reaction Times Based on Searchlight Power

BOAT SPEED/KNOTS	DISTANCE TRAVELED IN 1 MINUTE	STATIONARY OBJECT	200 CD REACTION TIME		SRS-1000		SRS-2000	
8	810	Visual Distance of 1.1 Lumen of Light	1313 Ft.	97 sec	3300 Ft.	4M 4s	5000 Ft.	6M 1s
10	1013	Beam Diameter at Distance	35 X 48' Oval	78 sec	350' Circle	3M 16s	400' Circle	4M 56s
25	2532	Reaction Time in Seconds to Avoid Collision at Center of Obstacle*	Note*	31 sec	Note*	1M 30s	Note*	2M
30	3039			26 sec		1M 8s		1M 64s

*NOTE: COLLISION AVOIDANCE time is even further enhanced with BeamLED due to a much wider field of view.
Boat length and maneuverability will significantly affect reaction time. Figures above are approximate.

ESTIMATES ABOVE ARE BASED ON STATIONARY OBJECTS, MOVING BOATS MAY HAVE SHORTER COLLISION CLOSING TIMES BASED ON DIRECTION OF TRAVEL