

Project: RSL Rover
System: Lidar Configuration
Date: 11/10/2015

	Criterion	1	2	3	4	5	6	7	8	9	10	11	12	SUM	FACTOR
1	Implementation Time		0	0.5	1	0	1	0.5	0.5	1				4.5	4.5
2	Forward FOV	1		1	1	0.5	1	1	0.5	1				7	7
3	Reverse FOV	0.5	0		1	0	1	1	0	1				4.5	4.5
4	Side FOV	0	0	0		0	0.5	0	0	1				1.5	1.5
5	Blind Spots	1	0.5	1	1		1	1	1	1				7.5	7.5
6	Weight	0	0	0	0.5	0		0	0	0				0.5	0.5
7	Material Cost	0.5	0	0	1	0	1		1	1				4.5	4.5
8	Perspective Height	0.5	0.5	1	1	0	1	0		0.5				4.5	4.5
9	Vertical Clearance	0	0	0	0	0	1	0	0.5					1.5	1.5
10		1	1	1	1	1	1	1	1	1				9	9
11		1	1	1	1	1	1	1	1	1	1			10	10
12		1	1	1	1	1	1	1	1	1	1	1		11	11