

TRB-400 & TRB-220 Rotating Beacon Range Table

All figures below are based upon a 5W Dual Retro LED unit.

TRB-400				
RPM	Rotation Time (sec.)	CLEAR 1.6 deg.	RED 1.9 deg.	GREEN 1.2 deg.
0.5	120	15.1 (14042)	14.7 (12390)	15.3 (16490)
0.66	90	14.5 (11843)	14.4 (10540)	15.1 (14240)
0.834	72	14.3 (10240)	14.1 (9180)	14.3 (10240)
1.0	60	14.1 (9019)	13.8 (8120)	14.1 (9010)
1.25	48	13.6 (7648)	13.3 (6930)	13.6 (7640)
1.5	40	13.2 (6641)	13.1 (6040)	13.2 (6640)
2.0	30	12.7 (5256)	12.6 (4814)	12.7 (5250)
2.5	24	12.4 (4349)	12.2 (4000)	12.4 (4340)
3.0	20	12.0 (3709)	11.8 (3420)	12.0 (3700)
4.0	15	11.5 (2865)	11.3 (2650)	11.5 (2860)
5.0	12	11.0 (2334)	10.8 (2160)	11.0 (2330)
6.0	10	10.7 (1970)	10.6 (1830)	9.4 (1070)
6.66	9	10.5 (1784)	10.3 (1650)	10.5 (1780)
7.5	8	10.2 (1595)	10.1 (1480)	10.2 (1590)
8.57	7	10.1 (1405)	9.9 (1300)	10.1 (1400)
10.0	6	9.8 (1212)	9.6 (1120)	9.8 (1210)

TRB-220				
RPM	Rotation Time (sec.)	CLEAR 2.7 deg.	RED 3.3 deg.	GREEN 3.3 deg.
0.5	120	12.4 (4591)	12.7 (5238)	13.5 (7282)
0.66	90	12.2 (4035)	12.4 (4619)	13.2 (6350)
0.834	72	12.0 (3598)	12.2 (4130)	12.8 (5629)
1.0	60	11.7 (3247)	12.0 (3735)	12.7 (5055)
1.25	48	11.4 (2832)	11.8 (3267)	12.4 (4387)
1.5	40	11.2 (2511)	11.5 (2901)	12.1 (3873)
2.0	30	10.8 (2049)	11.0 (2371)	11.7 (3137)
2.5	24	10.5 (1730)	10.8 (2006)	11.3 (2638)
3.0	20	10.1 (1497)	10.5 (1740)	11.0 (2273)
4.0	15	9.6 (1177)	10.0 (1371)	10.5 (1786)
5.0	12	9.2 (972)	9.6 (1132)	10.1 (1468)
6.0	10	9.0 (827)	9.2 (966)	9.8 (1248)
6.66	9	8.7 (750)	9.0 (877)	9.6 (1132)
7.5	8	8.6 (676)	8.7 (787)	9.4 (1018)
8.57	7	8.2 (596)	8.6 (699)	9.0 (898)
10.0	6	8.1 (518)	8.4 (605)	8.7 (776)