

K-Light Laboratories Corp.

W.O. **K-4086**

Customer **EOI**

Date **2/21/07**

Pass/Fail **PASS**

12" RED BALL TRAFFIC CONTROL HEAD

MODEL **TRV-R12 SG-D2**

SN. **001**

Voltage **120**

Lab.Temp. **77°F**

Power **7.6W**

Minimum Maintained Luminous Intesity Values Pr. ITE June 27, 2005 VTCSH LED Circular Signal

Vertical Degrees	Horizontal Degrees												
	Left						Right						
	27.5	22.5	17.5	12.5	7.5	2.5	2.5	7.5	12.5	17.5	22.5	27.5	
					997%	696%	800%	905%					
12.5°					29	37	37	29					
Reading					289.1	257.6	296.1	262.5					
				901%	902%	877%	874%	877%	882%				
7.5°				40	55	69	69	55	40				
Reading				360.5	496.3	604.8	603.4	482.3	352.8				
		937%	690%	562%	543%	520%	510%	528%	548%	682%	964%		
2.5°		26	47	84	124	150	150	124	84	47	26		
Reading		243.6	324.1	471.8	672.7	779.8	764.4	655.2	460.6	320.6	250.6		
		428%	301%	229%	185%	174%	162%	158%	156%	163%	193%	234%	320%
-2.5°	33	62	117	201	292	358	358	292	201	117	62	33	
Reading	141.4	186.9	268.1	371.7	507.5	580.3	564.2	456.4	328.3	225.4	144.9	105.7	
	256%	229%	174%	135%	111%	101%	100%	102%	123%	150%	201%	206%	
-7.5°	26	47	91	157	234	281	281	234	157	91	47	26	
Reading	66.5	107.8	158.2	211.4	260.4	284.9	282.1	238.7	192.5	136.5	94.5	53.55	
	465%	439%	280%	181%	153%	132%	128%	142%	170%	250%	375%	461%	
-12.5°	11	18	37	62	88	110	110	88	62	37	18	11	
Reading	51.1	79.1	103.6	112	134.4	144.9	140.7	124.6	105.7	92.4	67.48	50.75	
		777%	366%	194%	172%	158%	156%	167%	177%	333%	640%		
-17.5°		7	15	29	40	51	51	40	29	15	7		
Reading		54.39	54.95	56.21	68.81	80.5	79.8	66.85	51.24	49.91	44.8		
			252%	130%	140%	138%	134%	138%	120%	211%			
-22.5°			11	22	29	37	37	29	22	11			
Reading			27.72	28.7	40.46	51.24	49.42	39.9	26.39	23.17			
					136%	135%	140%	144%					
-27.5°				18	26	26	18						
Reading				24.5	35	36.4	25.9						