



IES INDOOR REPORT

PHOTOMETRIC FILENAME : STEPID-461904_TAMLITE_TLD61540.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] STEPID-461904

[TESTLAB] Standard-Tech Co., Ltd.

[TESTDATE] 2015-12-08

[ISSUEDATE] 2015-12-08 16:10:46

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] Tamlite Lighting

[LUMCAT] TLD6-1540K

[LUMINAIRE] 6" 15W 4000K LED Commercial Downlight

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
[OTHER]	0- 10	137.02	137.02	5.74	5.74
[OTHER]	10- 20	385.85	522.87	21.92	21.92
[OTHER]	20- 30	559.20	1082.07	45.36	45.36
[OTHER]	30- 40	563.91	1645.98	69.00	69.00
[OTHER]	40- 50	353.40	1999.38	83.81	83.81
[OTHER]	50- 60	186.70	2186.08	91.64	91.64
[OTHER]	60- 70	119.88	2305.96	96.67	96.67
[OTHER]	70- 80	63.96	2369.92	99.35	99.35
[OTHER]	80- 90	15.37	2385.29	99.99	99.99
[OTHER]	90-100	0.01	2385.30	99.99	99.99
[OTHER]	100-110	0.01	2385.31	99.99	99.99
[OTHER]	110-120	0.01	2385.32	99.99	99.99
[OTHER]	120-130	0.02	2385.34	99.99	99.99
[OTHER]	130-140	0.03	2385.38	100.00	100.00
[OTHER]	140-150	0.04	2385.42	100.00	100.00
[OTHER]	150-160	0.04	2385.45	100.00	100.00
[OTHER]	160-170	0.02	2385.48	100.00	100.00
[OTHER]	170-180	0.01	2385.48	100.00	100.00
[OTHER]					

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CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1154
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	15
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.16
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.14
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.15 m (Diameter)
Luminous Width (90-270)	0.15 m (Diameter)
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17728	17533	17206
55	9721	9671	9506
65	7870	7778	7730
75	6386	6289	6227
85	3910	3699	3747

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	704.162	704.162	704.162	704.162	704.162	704.162	704.162	704.162	704.162	704.162
1	704.089	705.497	703.881	700.600	700.939	703.615	704.210	703.828	704.195	704.437
2	705.129	705.023	707.196	700.736	702.158	700.769	701.708	704.737	702.671	706.818
3	702.657	706.131	704.099	700.382	700.136	700.000	704.965	699.463	702.028	705.942
4	702.579	701.118	703.368	698.331	699.366	701.495	700.847	697.319	704.379	703.213
5	700.615	701.244	702.255	696.385	699.400	698.568	700.266	699.981	699.748	701.205
6	695.858	698.979	699.206	694.938	696.908	695.393	697.155	697.029	698.911	700.900
7	695.606	696.603	698.819	692.021	693.772	689.790	694.968	691.145	696.661	696.424
8	693.855	691.338	695.422	686.170	691.232	693.250	690.109	688.957	692.142	694.217
9	689.151	693.046	691.251	687.153	688.943	690.782	688.517	688.328	687.133	690.395
10	689.708	688.832	687.772	681.307	687.230	686.083	684.607	681.854	685.851	685.769
11	684.675	682.599	684.138	679.134	682.725	679.880	680.538	680.949	683.126	679.434
12	677.721	681.336	680.247	675.031	676.594	676.913	677.402	673.700	678.113	680.151
13	671.953	675.060	672.195	671.905	672.945	671.876	670.618	669.751	673.361	675.239
14	671.760	671.097	671.827	665.517	668.237	666.616	666.519	664.404	670.206	667.037
15	666.417	666.495	666.761	661.666	663.679	662.754	658.520	662.028	663.151	666.330
16	657.475	660.543	662.072	654.857	657.122	656.343	655.201	653.720	655.172	660.311
17	652.476	653.909	653.575	650.212	652.868	653.986	651.586	651.189	653.686	653.371
18	648.252	648.465	650.512	643.331	646.219	645.968	645.736	643.834	645.116	650.042
19	642.363	644.569	644.434	637.746	638.975	638.206	638.216	639.237	640.592	640.543
20	636.880	637.766	636.962	631.577	635.820	632.433	632.273	631.538	632.985	634.315
21	628.712	629.927	629.975	623.955	625.146	623.941	624.986	622.465	626.370	626.457
22	619.218	620.766	622.363	615.661	615.748	617.839	617.132	614.050	618.671	620.902
23	610.159	612.748	613.232	606.520	611.698	607.449	608.001	606.206	608.214	612.013
24	601.328	605.078	603.907	598.081	601.226	599.586	600.602	597.045	600.520	602.223
25	594.694	593.489	595.003	588.277	589.763	587.992	590.977	589.274	591.069	591.892
26	581.038	585.098	583.061	578.323	582.161	581.343	580.607	577.443	581.662	580.830
27	569.265	573.363	574.283	569.584	571.394	568.728	569.187	566.942	570.610	571.336
28	561.024	563.773	562.698	556.480	560.874	558.663	557.080	554.264	557.240	560.153
29	546.357	550.814	550.848	543.400	548.549	544.692	544.436	541.518	545.873	545.418
30	534.642	535.160	535.193	531.366	532.343	531.419	532.696	529.111	532.740	532.459
31	519.515	518.257	520.222	515.920	516.016	515.697	514.337	513.302	513.302	516.510
32	502.109	505.032	505.284	499.607	503.508	500.880	499.627	495.446	499.283	499.791
33	485.018	485.952	486.973	480.648	482.574	483.077	481.553	479.927	481.601	480.934
34	465.405	466.934	466.281	459.836	465.657	463.557	462.763	461.650	461.660	461.413
35	444.414	446.330	446.722	439.183	445.149	443.281	441.186	438.467	439.793	443.877
36	424.448	424.608	423.122	417.857	423.446	420.528	419.943	417.064	419.570	422.290
37	402.068	399.735	401.429	395.912	399.532	397.621	397.025	395.816	398.550	397.330
38	378.366	377.703	376.813	370.987	376.958	374.355	374.171	373.793	373.518	377.616
39	355.052	356.199	351.432	347.982	352.705	348.877	347.711	348.268	349.729	353.116
40	332.318	331.123	329.076	323.932	326.652	325.713	324.508	324.300	327.474	329.570
41	307.954	307.610	306.531	299.360	302.317	300.594	300.575	301.378	304.542	307.209
42	286.227	284.611	281.872	277.231	280.009	277.449	276.975	278.325	280.996	283.512
43	262.221	262.574	259.612	255.707	256.936	255.373	254.609	255.383	258.959	262.046
44	241.698	241.577	238.732	234.062	236.075	233.022	234.217	234.043	237.861	240.140
45	221.612	221.457	219.173	214.489	215.089	213.337	213.119	215.060	217.411	220.881
46	203.253	202.299	199.914	195.762	197.852	194.925	195.050	196.052	198.626	201.573
47	185.242	184.380	182.634	178.375	179.730	177.838	177.330	178.709	181.850	184.395
48	169.099	168.571	166.820	162.678	163.887	162.958	162.557	163.461	166.249	168.286
49	153.962	154.475	153.420	148.533	150.009	148.717	149.283	150.372	152.056	153.904
50	142.049	141.434	140.263	137.089	137.941	136.789	137.273	138.212	139.692	141.802
51	130.948	130.503	129.158	126.501	127.837	126.554	126.598	127.029	129.245	130.019
52	121.144	120.694	119.949	117.607	118.033	117.467	118.139	118.526	119.281	120.641
53	112.618	112.671	111.752	109.744	110.020	109.594	109.560	109.986	111.147	112.483

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CANDELA TABULATION - (Cont.)

54	105.403	104.866	104.334	102.258	102.998	102.456	102.359	102.892	103.971	105.331
55	98.570	98.474	98.062	95.904	96.393	96.901	96.843	96.640	97.661	99.200
56	92.918	92.391	92.497	90.867	91.370	91.346	91.322	91.355	92.256	94.041
57	87.828	87.562	87.179	85.650	86.362	85.820	85.844	86.110	86.884	88.888
58	84.179	83.303	82.940	81.847	82.069	81.760	82.069	82.505	83.192	83.729
59	80.221	79.645	78.934	78.024	78.551	78.208	78.426	78.687	79.181	79.848
60	76.388	76.384	75.706	74.283	74.888	74.608	75.077	74.864	75.556	76.234
61	72.904	72.416	71.912	70.635	71.085	70.848	71.491	71.569	72.009	72.658
62	69.048	68.806	68.535	67.281	67.785	67.490	67.906	67.838	68.269	69.241
63	65.215	65.423	65.002	63.764	64.455	64.218	64.509	64.402	65.046	65.447
64	62.297	62.002	61.455	60.492	61.015	60.749	61.102	61.329	61.339	62.041
65	58.799	58.508	58.112	57.115	57.758	57.681	57.860	58.044	58.421	58.804
66	55.198	55.174	54.705	53.737	54.603	54.173	54.676	54.671	55.024	55.271
67	52.179	51.869	51.448	50.558	51.356	51.264	51.569	51.400	51.661	52.053
68	49.014	48.777	48.327	47.466	48.192	48.211	48.264	48.182	48.642	49.106
69	45.927	45.651	45.235	44.325	45.017	45.051	45.312	45.148	45.399	45.864
70	42.801	42.641	42.385	41.654	42.094	41.886	42.327	42.215	42.327	42.820
71	40.048	39.864	39.564	38.867	39.210	39.230	39.341	39.380	39.689	39.970
72	37.299	37.091	36.743	36.075	36.384	36.336	36.510	36.622	36.830	37.164
73	34.550	34.318	33.921	33.283	33.525	33.655	33.805	33.878	33.868	34.328
74	31.681	31.691	31.386	30.699	30.999	30.931	31.168	31.289	31.381	31.584
75	29.218	29.063	28.778	28.177	28.492	28.390	28.555	28.598	28.744	29.131
76	26.697	26.619	26.276	25.835	26.082	26.160	26.252	26.339	26.358	26.532
77	24.534	24.239	24.011	23.489	23.779	23.808	23.895	23.847	23.982	24.200
78	22.095	21.896	21.630	21.243	21.509	21.505	21.674	21.616	21.790	21.877
79	19.821	19.685	19.361	18.935	19.225	19.162	19.274	19.322	19.554	19.714
80	17.411	17.227	16.966	16.627	16.922	16.893	17.004	17.048	17.198	17.324
81	14.972	14.764	14.541	14.164	14.517	14.430	14.478	14.609	14.744	14.967
82	12.485	12.286	12.035	11.715	12.049	12.020	12.098	12.102	12.349	12.480
83	10.143	9.934	9.741	9.470	9.959	9.925	9.983	10.002	10.210	10.346
84	7.960	7.800	7.617	7.384	7.863	7.825	7.873	7.902	8.067	8.212
85	6.025	5.875	5.700	5.512	5.773	5.734	5.763	5.807	5.933	6.083
86	4.268	4.147	4.007	4.031	4.065	4.041	4.070	4.113	4.215	4.336
87	2.807	2.700	2.584	2.560	2.560	2.526	2.540	2.574	2.666	2.778
88	1.345	1.258	1.157	1.084	1.234	1.215	1.215	1.244	1.316	1.398
89	0.208	0.169	0.135	0.121	0.189	0.179	0.184	0.189	0.218	0.276
90	0.010	0.010	0.005	0.005	0.005	0.000	0.000	0.000	0.005	0.005
91	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000
92	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000	0.000
93	0.005	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000
94	0.000	0.000	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.005	0.005	0.005	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.005	0.005	0.005	0.005	0.000	0.000	0.000	0.000
98	0.000	0.000	0.005	0.005	0.005	0.005	0.005	0.000	0.000	0.000
99	0.000	0.000	0.005	0.005	0.005	0.005	0.000	0.000	0.005	0.000
100	0.000	0.000	0.005	0.005	0.005	0.005	0.005	0.000	0.005	0.000
101	0.000	0.000	0.005	0.005	0.005	0.005	0.005	0.000	0.005	0.005
102	0.005	0.000	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
103	0.000	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
104	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
105	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
106	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
107	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
108	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
109	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

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CANDELA TABULATION - (Cont.)

110	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
111	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
112	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
113	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
114	0.010	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
115	0.010	0.010	0.010	0.005	0.005	0.005	0.010	0.005	0.005	0.005
116	0.010	0.010	0.010	0.005	0.010	0.005	0.010	0.005	0.005	0.005
117	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.005	0.005	0.005
118	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.005	0.005	0.005
119	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.005	0.005	0.010
120	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.005	0.010	0.010
121	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
122	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
123	0.015	0.015	0.015	0.010	0.010	0.010	0.010	0.010	0.010	0.010
124	0.015	0.015	0.015	0.015	0.010	0.010	0.010	0.010	0.010	0.010
125	0.015	0.015	0.015	0.015	0.010	0.010	0.015	0.010	0.010	0.010
126	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.010	0.010	0.010
127	0.015	0.015	0.019	0.015	0.015	0.015	0.015	0.010	0.010	0.015
128	0.015	0.015	0.019	0.019	0.015	0.015	0.015	0.010	0.010	0.015
129	0.015	0.019	0.019	0.019	0.015	0.015	0.015	0.010	0.010	0.015
130	0.015	0.019	0.019	0.019	0.015	0.015	0.015	0.010	0.010	0.015
131	0.019	0.019	0.024	0.019	0.019	0.019	0.015	0.015	0.010	0.015
132	0.019	0.019	0.024	0.024	0.019	0.019	0.015	0.015	0.015	0.015
133	0.019	0.024	0.024	0.024	0.019	0.019	0.015	0.015	0.015	0.015
134	0.024	0.024	0.024	0.024	0.019	0.019	0.019	0.015	0.015	0.015
135	0.024	0.024	0.029	0.029	0.024	0.019	0.019	0.015	0.015	0.015
136	0.024	0.024	0.029	0.029	0.024	0.019	0.019	0.015	0.015	0.019
137	0.024	0.029	0.029	0.029	0.024	0.019	0.019	0.015	0.015	0.019
138	0.024	0.029	0.034	0.034	0.024	0.024	0.019	0.019	0.015	0.019
139	0.029	0.029	0.034	0.034	0.024	0.024	0.024	0.019	0.015	0.019
140	0.029	0.029	0.034	0.034	0.024	0.024	0.024	0.019	0.015	0.019
141	0.029	0.029	0.034	0.039	0.029	0.024	0.024	0.019	0.019	0.019
142	0.034	0.029	0.039	0.039	0.029	0.024	0.024	0.019	0.019	0.024
143	0.029	0.029	0.039	0.039	0.029	0.029	0.029	0.024	0.019	0.024
144	0.029	0.029	0.039	0.039	0.029	0.029	0.029	0.024	0.019	0.024
145	0.029	0.034	0.039	0.039	0.029	0.029	0.029	0.024	0.024	0.024
146	0.029	0.034	0.039	0.044	0.034	0.029	0.029	0.024	0.024	0.029
147	0.029	0.034	0.044	0.044	0.034	0.029	0.029	0.024	0.029	0.029
148	0.034	0.034	0.044	0.044	0.034	0.034	0.034	0.024	0.029	0.029
149	0.034	0.034	0.044	0.044	0.034	0.034	0.034	0.024	0.029	0.029
150	0.034	0.034	0.044	0.044	0.034	0.034	0.034	0.024	0.029	0.029
151	0.034	0.034	0.044	0.044	0.039	0.034	0.034	0.029	0.029	0.029
152	0.039	0.039	0.044	0.044	0.039	0.034	0.034	0.029	0.029	0.029
153	0.039	0.039	0.044	0.044	0.039	0.034	0.034	0.029	0.029	0.034
154	0.039	0.039	0.044	0.044	0.039	0.034	0.034	0.029	0.034	0.034
155	0.039	0.039	0.044	0.048	0.039	0.034	0.034	0.034	0.034	0.034
156	0.039	0.039	0.044	0.048	0.039	0.034	0.034	0.034	0.034	0.034
157	0.039	0.039	0.048	0.048	0.039	0.034	0.034	0.034	0.034	0.034
158	0.039	0.039	0.048	0.048	0.039	0.034	0.034	0.034	0.034	0.034
159	0.039	0.039	0.048	0.048	0.039	0.034	0.034	0.034	0.034	0.034
160	0.039	0.039	0.048	0.048	0.039	0.034	0.034	0.034	0.034	0.034
161	0.039	0.039	0.048	0.048	0.039	0.034	0.034	0.034	0.034	0.034
162	0.039	0.039	0.044	0.048	0.034	0.034	0.034	0.034	0.034	0.034
163	0.039	0.039	0.044	0.048	0.034	0.034	0.034	0.034	0.034	0.034
164	0.039	0.039	0.044	0.044	0.034	0.034	0.039	0.034	0.034	0.034
165	0.039	0.039	0.044	0.044	0.034	0.034	0.034	0.034	0.034	0.034

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CANDELA TABULATION - (Cont.)

166	0.039	0.039	0.044	0.044	0.034	0.034	0.034	0.034	0.034	0.034
167	0.039	0.039	0.044	0.044	0.034	0.034	0.034	0.034	0.034	0.034
168	0.039	0.039	0.044	0.039	0.029	0.029	0.034	0.034	0.029	0.034
169	0.039	0.039	0.039	0.039	0.029	0.029	0.029	0.034	0.029	0.034
170	0.039	0.039	0.039	0.039	0.029	0.029	0.029	0.034	0.029	0.029
171	0.039	0.034	0.039	0.039	0.029	0.029	0.029	0.029	0.029	0.029
172	0.039	0.034	0.039	0.039	0.029	0.029	0.029	0.029	0.029	0.029
173	0.034	0.034	0.039	0.039	0.029	0.029	0.024	0.029	0.024	0.029
174	0.034	0.034	0.039	0.039	0.029	0.024	0.024	0.024	0.024	0.029
175	0.029	0.034	0.034	0.034	0.024	0.024	0.024	0.019	0.019	0.024
176	0.029	0.029	0.034	0.034	0.019	0.019	0.019	0.019	0.019	0.024
177	0.024	0.029	0.034	0.029	0.019	0.019	0.015	0.015	0.015	0.015
178	0.019	0.024	0.029	0.029	0.015	0.015	0.015	0.015	0.010	0.010
179	0.019	0.019	0.019	0.024	0.015	0.015	0.015	0.015	0.010	0.010
180	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	704.162	704.162	704.162	704.162	704.162	704.162	704.162
1	707.142	701.742	704.486	703.213	703.794	699.908	704.089
2	705.952	701.515	703.537	702.463	703.610	698.181	705.129
3	705.913	698.660	699.642	700.886	703.552	700.397	702.657
4	703.368	701.157	700.460	702.700	698.031	700.223	702.579
5	704.104	696.318	697.614	696.022	701.137	694.861	700.615
6	701.345	694.929	695.582	695.955	697.058	694.479	695.858
7	696.840	691.188	692.442	695.732	695.606	695.156	695.606
8	696.753	686.925	691.290	690.158	692.229	692.451	693.855
9	694.822	685.115	687.012	687.859	687.201	686.296	689.151
10	688.938	681.433	684.728	683.296	685.628	686.330	689.708
11	684.936	678.679	681.423	679.221	680.325	678.529	684.675
12	679.976	676.497	676.463	677.208	675.737	676.502	677.721
13	675.776	668.837	670.264	670.831	672.060	671.968	671.953
14	670.584	664.216	667.588	665.483	665.208	667.027	671.760
15	667.221	661.211	661.365	658.656	661.486	659.420	666.417
16	659.633	655.699	656.754	653.284	656.270	655.278	657.475
17	652.147	646.984	650.739	647.236	650.004	650.971	652.476
18	645.711	642.024	645.508	643.945	646.389	644.202	648.252
19	642.251	637.471	637.548	636.730	636.469	637.296	642.363
20	635.477	630.362	629.597	631.417	632.128	630.681	636.880
21	626.041	622.595	623.863	620.974	623.679	622.799	628.712
22	617.814	614.800	613.851	614.180	616.145	618.787	619.218
23	611.722	605.746	606.830	605.146	606.201	608.485	610.159
24	604.207	598.265	601.033	595.589	600.249	598.628	601.328
25	590.174	589.550	586.956	586.163	588.906	588.790	594.694
26	583.133	577.336	577.612	579.141	579.422	579.727	581.038
27	571.254	568.055	567.155	566.419	566.037	568.413	569.265
28	558.300	553.233	554.138	553.814	554.167	557.095	561.024
29	546.309	542.350	541.745	539.650	543.850	544.571	546.357
30	533.916	528.627	528.254	529.551	529.353	531.003	534.642
31	519.244	517.415	514.003	512.673	516.123	516.544	519.515
32	503.000	499.012	498.814	499.825	497.861	497.411	502.109
33	485.482	483.194	480.605	480.832	482.332	482.037	485.018
34	465.754	465.009	463.470	464.375	463.717	463.102	465.405
35	445.067	445.207	442.570	443.238	444.849	444.530	444.414
36	424.129	422.304	421.453	422.638	422.445	422.658	424.448

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CANDELA TABULATION - (Cont.)

37	401.787	401.695	398.792	400.064	401.487	400.689	402.068
38	378.357	377.539	375.216	375.792	377.800	378.357	378.366
39	354.491	355.463	353.097	353.416	354.181	354.495	355.052
40	332.701	331.636	327.416	329.836	330.446	330.562	332.318
41	308.501	307.978	305.985	305.273	305.476	307.243	307.954
42	285.336	286.154	281.373	282.341	283.328	283.570	286.227
43	263.808	262.816	258.780	259.307	260.604	261.509	262.221
44	242.298	241.447	237.256	238.263	238.737	239.753	241.698
45	221.558	220.533	218.181	216.831	218.350	219.216	221.612
46	203.635	202.459	198.123	198.186	200.354	201.946	203.253
47	185.174	184.889	180.800	180.674	182.663	183.195	185.242
48	169.336	168.484	166.065	165.503	167.347	167.521	169.099
49	154.171	155.138	151.257	152.525	152.990	153.943	153.962
50	142.199	141.807	139.968	140.079	140.244	141.265	142.049
51	131.568	131.166	128.867	129.037	130.537	130.672	130.948
52	121.527	121.531	120.133	120.404	120.757	120.457	121.144
53	113.392	113.242	112.289	111.747	112.841	112.289	112.618
54	106.293	106.395	104.856	104.537	105.640	105.166	105.403
55	99.388	99.301	98.493	98.551	99.064	98.841	98.570
56	94.443	94.356	92.623	92.933	93.180	92.933	92.918
57	89.502	89.415	87.605	87.668	88.046	87.523	87.828
58	84.562	84.474	83.710	83.841	83.923	83.884	84.179
59	80.744	80.492	79.689	79.960	80.177	79.529	80.221
60	77.245	76.984	76.021	76.519	76.456	76.355	76.388
61	73.074	73.301	72.570	72.740	72.953	72.745	72.904
62	69.832	69.643	68.907	69.207	69.004	69.038	69.048
63	66.135	66.048	65.593	65.588	65.844	65.356	65.215
64	62.772	62.675	62.302	62.326	62.442	62.007	62.297
65	59.423	59.384	58.852	58.963	58.876	58.823	58.799
66	55.934	56.060	55.634	55.590	55.736	55.402	55.198
67	52.663	52.610	52.169	52.450	52.290	52.193	52.179
68	49.474	49.556	48.893	49.106	48.966	48.980	49.014
69	46.522	46.517	46.024	45.951	45.980	45.971	45.927
70	43.261	43.304	43.024	42.801	43.115	42.636	42.801
71	40.483	40.410	40.188	40.086	40.304	39.960	40.048
72	37.454	37.652	37.357	37.381	37.493	37.294	37.299
73	34.594	34.705	34.526	34.676	34.676	34.628	34.550
74	31.879	31.952	31.870	31.855	31.962	31.904	31.681
75	29.397	29.523	29.257	29.344	29.465	29.305	29.218
76	26.885	26.977	26.784	26.910	26.992	26.823	26.697
77	24.568	24.650	24.476	24.461	24.510	24.447	24.534
78	22.288	22.264	22.143	22.230	22.206	22.129	22.095
79	19.903	20.053	19.816	19.898	19.942	19.792	19.821
80	17.619	17.667	17.416	17.546	17.488	17.449	17.411
81	15.156	15.277	15.078	15.112	15.180	15.083	14.972
82	12.770	12.828	12.567	12.673	12.702	12.601	12.485
83	10.583	10.655	10.273	10.331	10.278	10.273	10.143
84	8.396	8.478	8.057	8.149	8.096	8.057	7.960
85	6.208	6.310	6.131	6.189	6.194	6.116	6.025
86	4.452	4.544	4.408	4.418	4.394	4.355	4.268
87	2.879	2.952	2.923	2.947	2.918	2.884	2.807
88	1.495	1.582	1.437	1.476	1.447	1.413	1.345
89	0.344	0.411	0.286	0.305	0.295	0.256	0.208
90	0.010	0.010	0.015	0.015	0.015	0.010	0.010
91	0.000	0.000	0.005	0.005	0.005	0.005	0.005
92	0.000	0.000	0.005	0.005	0.005	0.005	0.005

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CANDELA TABULATION - (Cont.)

93	0.000	0.000	0.005	0.005	0.005	0.005	0.005
94	0.000	0.000	0.005	0.005	0.005	0.005	0.000
95	0.000	0.000	0.005	0.005	0.005	0.005	0.000
96	0.000	0.005	0.005	0.005	0.005	0.005	0.000
97	0.005	0.005	0.005	0.005	0.005	0.005	0.000
98	0.005	0.005	0.005	0.005	0.005	0.005	0.000
99	0.005	0.005	0.005	0.005	0.005	0.005	0.000
100	0.005	0.005	0.005	0.005	0.005	0.005	0.000
101	0.005	0.005	0.005	0.005	0.005	0.005	0.000
102	0.005	0.005	0.005	0.005	0.005	0.005	0.005
103	0.005	0.005	0.005	0.005	0.005	0.005	0.000
104	0.005	0.005	0.005	0.005	0.005	0.005	0.005
105	0.005	0.005	0.005	0.005	0.005	0.005	0.005
106	0.005	0.005	0.005	0.005	0.005	0.005	0.005
107	0.005	0.005	0.005	0.005	0.005	0.005	0.005
108	0.005	0.005	0.005	0.005	0.005	0.005	0.005
109	0.005	0.005	0.005	0.005	0.005	0.005	0.005
110	0.005	0.005	0.005	0.005	0.005	0.005	0.005
111	0.005	0.005	0.005	0.005	0.005	0.005	0.005
112	0.005	0.005	0.005	0.005	0.005	0.005	0.005
113	0.005	0.005	0.005	0.005	0.005	0.005	0.005
114	0.010	0.005	0.005	0.005	0.005	0.005	0.010
115	0.010	0.005	0.005	0.005	0.010	0.005	0.010
116	0.010	0.005	0.010	0.005	0.010	0.005	0.010
117	0.010	0.010	0.010	0.010	0.010	0.010	0.010
118	0.010	0.010	0.010	0.010	0.010	0.010	0.010
119	0.010	0.010	0.010	0.010	0.010	0.010	0.010
120	0.010	0.010	0.010	0.010	0.010	0.010	0.010
121	0.010	0.010	0.010	0.010	0.010	0.010	0.010
122	0.010	0.010	0.010	0.010	0.010	0.010	0.010
123	0.010	0.010	0.010	0.010	0.015	0.010	0.015
124	0.010	0.010	0.010	0.010	0.015	0.015	0.015
125	0.010	0.010	0.015	0.015	0.015	0.015	0.015
126	0.015	0.015	0.015	0.015	0.015	0.015	0.015
127	0.015	0.015	0.015	0.015	0.015	0.015	0.015
128	0.015	0.015	0.015	0.015	0.019	0.015	0.015
129	0.015	0.015	0.015	0.019	0.019	0.019	0.015
130	0.015	0.015	0.019	0.019	0.019	0.019	0.015
131	0.015	0.015	0.019	0.019	0.024	0.019	0.019
132	0.019	0.019	0.019	0.019	0.024	0.019	0.019
133	0.019	0.019	0.024	0.024	0.024	0.019	0.019
134	0.019	0.019	0.024	0.024	0.024	0.024	0.024
135	0.019	0.019	0.024	0.024	0.029	0.024	0.024
136	0.019	0.019	0.024	0.029	0.029	0.024	0.024
137	0.024	0.024	0.029	0.029	0.029	0.024	0.024
138	0.024	0.024	0.029	0.029	0.029	0.029	0.024
139	0.024	0.024	0.029	0.034	0.034	0.029	0.029
140	0.024	0.024	0.034	0.034	0.034	0.029	0.029
141	0.029	0.024	0.034	0.034	0.034	0.029	0.029
142	0.029	0.029	0.034	0.034	0.034	0.029	0.034
143	0.029	0.029	0.034	0.039	0.039	0.029	0.029
144	0.029	0.029	0.034	0.039	0.039	0.029	0.029
145	0.034	0.029	0.039	0.039	0.039	0.029	0.029
146	0.034	0.034	0.039	0.039	0.039	0.029	0.029
147	0.034	0.034	0.039	0.039	0.039	0.029	0.029
148	0.034	0.034	0.039	0.039	0.039	0.029	0.034

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CANDELA TABULATION - (Cont.)

149	0.034	0.034	0.039	0.044	0.039	0.034	0.034
150	0.034	0.034	0.039	0.044	0.039	0.034	0.034
151	0.034	0.034	0.039	0.044	0.044	0.034	0.034
152	0.034	0.034	0.039	0.044	0.044	0.034	0.039
153	0.034	0.034	0.039	0.044	0.044	0.039	0.039
154	0.039	0.034	0.039	0.044	0.044	0.039	0.039
155	0.039	0.034	0.039	0.044	0.044	0.039	0.039
156	0.039	0.034	0.039	0.044	0.044	0.039	0.039
157	0.039	0.034	0.039	0.044	0.044	0.039	0.039
158	0.039	0.034	0.039	0.044	0.044	0.039	0.039
159	0.039	0.034	0.039	0.044	0.044	0.039	0.039
160	0.039	0.034	0.039	0.044	0.044	0.039	0.039
161	0.039	0.034	0.039	0.044	0.044	0.039	0.039
162	0.039	0.034	0.039	0.044	0.044	0.039	0.039
163	0.039	0.034	0.039	0.044	0.044	0.039	0.039
164	0.039	0.034	0.039	0.044	0.044	0.039	0.039
165	0.039	0.034	0.039	0.039	0.044	0.039	0.039
166	0.039	0.034	0.039	0.039	0.044	0.039	0.039
167	0.034	0.034	0.034	0.039	0.039	0.039	0.039
168	0.034	0.034	0.034	0.039	0.039	0.039	0.039
169	0.034	0.034	0.034	0.034	0.039	0.039	0.039
170	0.034	0.034	0.029	0.034	0.039	0.039	0.039
171	0.034	0.034	0.029	0.034	0.039	0.039	0.039
172	0.034	0.029	0.029	0.034	0.034	0.039	0.039
173	0.029	0.029	0.029	0.034	0.034	0.034	0.034
174	0.029	0.024	0.029	0.034	0.034	0.034	0.034
175	0.024	0.024	0.024	0.034	0.034	0.034	0.029
176	0.024	0.019	0.024	0.029	0.034	0.029	0.029
177	0.019	0.015	0.024	0.029	0.029	0.024	0.024
178	0.015	0.010	0.019	0.024	0.029	0.024	0.019
179	0.015	0.010	0.019	0.024	0.019	0.019	0.019
180	0.015	0.015	0.015	0.015	0.015	0.015	0.015

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	253.02	N.A.	21.90
0-30	523.62	N.A.	45.40
0-40	796.50	N.A.	69.00
0-60	1057.85	N.A.	91.60
0-80	1146.81	N.A.	99.30
0-90	1154.25	N.A.	100.00
10-90	1087.95	N.A.	94.20
20-40	543.48	N.A.	47.10
20-50	714.49	N.A.	61.90
40-70	319.37	N.A.	27.70
60-80	88.96	N.A.	7.70
70-80	30.95	N.A.	2.70
80-90	7.44	N.A.	0.60
90-110	0.01	N.A.	0.00
90-120	0.02	N.A.	0.00
90-130	0.03	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.09	N.A.	0.00
110-180	0.09	N.A.	0.00
0-180	1154.35	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	66.30
10-20	186.71
20-30	270.60
30-40	272.88
40-50	171.01
50-60	90.34
60-70	58.01
70-80	30.95
80-90	7.44
90-100	0.00
100-110	0.01
110-120	0.01
120-130	0.01
130-140	0.02
140-150	0.02
150-160	0.02
160-170	0.01
170-180	0.00

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89
2	104	97	92	87	101	95	91	86	92	88	84	89	86	83	86	83	81	79
3	97	88	82	76	94	87	81	76	84	79	74	81	77	73	79	75	72	70
4	90	80	73	68	88	79	72	67	77	71	66	74	69	65	72	68	65	63
5	84	73	66	60	82	72	65	60	70	64	59	68	63	59	67	62	58	56
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51
7	74	62	55	49	72	61	54	49	60	54	49	59	53	49	57	52	48	47
8	69	57	50	45	68	57	50	45	56	49	45	54	49	44	53	48	44	43
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	45	41	39
10	61	50	43	38	60	49	43	38	48	42	38	47	42	38	47	41	38	36

IES INDOOR REPORT
PHOTOMETRIC FILENAME : STEPID-461904_TAMLITE_TLD61540.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	16.5	17.9	16.9	18.2	18.5	UGR Viewed Endwise			
	3H	18.0	19.2	18.4	19.5	19.9	16.4	17.7	16.8	18.0
	4H	18.5	19.6	18.9	20.0	20.4	17.9	19.0	18.3	19.4
	6H	18.9	19.9	19.3	20.3	20.7	18.4	19.5	18.8	19.8
	8H	19.0	20.0	19.5	20.4	20.8	18.8	19.8	19.2	20.1
	12H	19.1	20.0	19.5	20.4	20.8	19.2	20.2	20.2	20.6

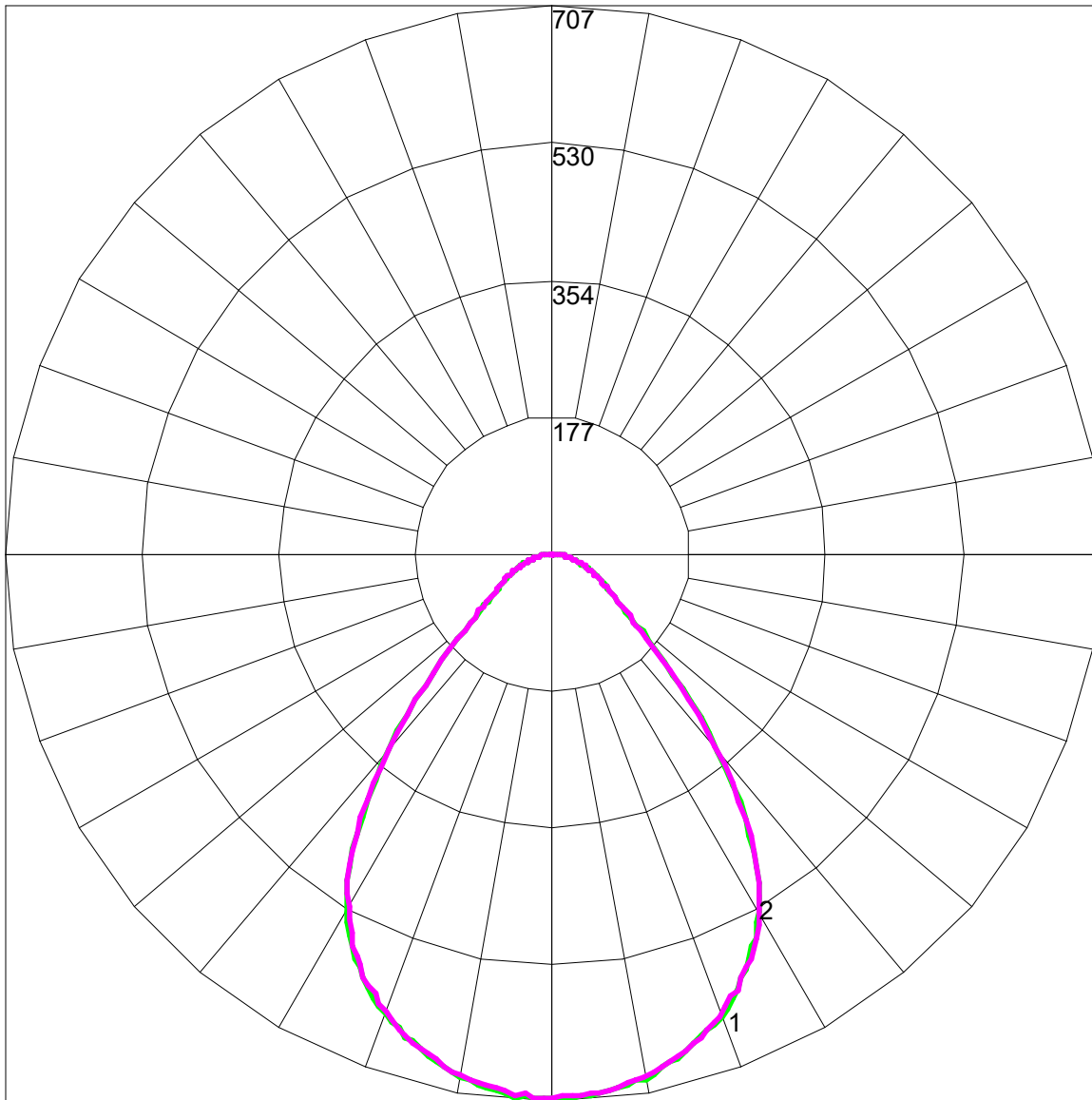
4H	2H	17.0	18.1	17.4	18.5	18.9	16.9	18.0	17.3	18.4	18.7
	3H	18.7	19.6	19.1	20.0	20.4	18.6	19.5	19.0	19.9	20.3
	4H	19.4	20.2	19.8	20.6	21.0	19.2	20.0	19.6	20.4	20.9
	6H	19.9	20.6	20.3	21.0	21.5	19.7	20.4	20.2	20.9	21.3
	8H	20.0	20.6	20.5	21.1	21.6	19.8	20.5	20.3	20.9	21.4
	12H	20.1	20.6	20.6	21.1	21.6	19.9	20.5	20.4	21.0	21.4

8H	4H	19.6	20.2	20.0	20.7	21.1	19.4	20.1	19.9	20.5	21.0
	6H	20.2	20.7	20.7	21.2	21.7	20.0	20.6	20.5	21.1	21.5
	8H	20.4	20.9	20.9	21.4	21.9	20.2	20.7	20.7	21.2	21.7
	12H	20.5	20.9	21.0	21.4	22.0	20.3	20.8	20.8	21.2	21.8

12H	4H	19.6	20.1	20.1	20.6	21.1	19.4	20.0	19.9	20.5	21.0
	6H	20.2	20.7	20.7	21.2	21.7	20.1	20.5	20.6	21.0	21.5
	8H	20.4	20.9	21.0	21.4	21.9	20.3	20.7	20.8	21.2	21.8

Maximum UGR = 22.0

POLAR GRAPH



Maximum Candela = 707.196 Located At Horizontal Angle = 45, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)