



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]GEN FROM 12099782.02
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 04-28-2022
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] 75S-4-L50-940-EM10W-DIM-UNV
 [LUMINAIRE] White formed steel housing, frosted plastic lens enclosure
 [LAMP] 112 white LEDs
 [OTHER] 25.2 C, 119.951 V, 0.361682 A, 43.2111 W, 0.996014 PF, 59.9979
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1470
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.71 ft
Luminous Width (90-270)	0.21 ft
Luminous Height	0.08 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5337	4303	4084
55	4555	3624	3618
65	3739	3059	3315
75	2915	2599	2962
85	1973	2227	2529

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	486.414	486.414	486.414	486.414	486.414
0.5	490.667	487.415	484.412	486.664	483.912
1.0	490.917	487.415	484.162	486.163	484.162
1.5	490.667	487.164	484.162	486.414	483.912
2.0	490.917	487.164	484.162	486.163	483.661
2.5	490.167	486.914	483.661	486.163	483.661
3.0	489.917	486.664	483.661	485.663	483.661
3.5	490.167	486.163	483.161	485.913	483.661
4.0	489.416	485.913	482.911	485.413	483.161
4.5	489.166	485.413	482.660	485.163	483.161
5.0	488.415	484.912	482.410	484.662	482.160
5.5	488.165	484.412	481.660	484.412	482.410
6.0	486.914	483.661	481.159	483.661	481.660
6.5	486.664	483.161	480.659	483.161	481.660
7.0	486.163	482.410	479.908	482.660	480.409
7.5	484.912	481.910	479.408	482.160	479.908
8.0	484.412	481.159	478.407	481.159	479.157
8.5	483.411	480.158	477.906	480.659	478.657
9.0	482.660	479.408	476.655	479.658	477.406
9.5	481.409	478.407	476.155	478.907	476.655
10.0	480.659	477.406	475.154	477.906	476.155
10.5	479.408	476.405	474.403	476.906	474.654
11.0	478.407	475.154	472.902	475.905	473.903
11.5	477.156	474.153	471.901	474.654	472.652
12.0	475.905	472.902	470.650	473.403	471.401
12.5	474.904	471.651	469.900	472.402	470.400
13.0	473.152	470.650	468.148	470.900	468.899
13.5	471.901	468.899	466.897	469.399	467.648
14.0	470.650	467.648	465.396	468.148	466.146
14.5	468.649	465.896	463.895	466.397	464.395
15.0	467.397	464.645	462.393	464.895	463.144
15.5	465.396	462.894	460.892	463.394	461.392
16.0	463.895	461.392	459.140	461.893	459.891
16.5	462.393	459.391	457.639	459.891	458.140
17.0	460.392	457.639	455.637	458.140	456.638
17.5	458.390	455.888	453.886	456.388	454.637
18.0	456.638	453.636	452.135	454.386	452.635
18.5	454.386	451.884	450.133	452.635	450.383
19.0	452.135	449.883	448.131	450.633	448.632
19.5	450.383	447.881	446.129	448.381	446.380
20.0	448.131	445.629	444.128	446.129	444.628
20.5	446.129	443.377	441.626	443.877	442.126
21.0	443.627	441.125	439.624	441.626	439.874
21.5	441.375	438.873	437.122	439.374	437.122
22.0	438.873	436.371	434.870	436.621	435.120
22.5	436.621	433.869	432.618	434.369	432.368
23.0	433.869	431.367	430.116	431.617	429.866
23.5	431.367	428.865	427.614	429.115	427.614
24.0	428.615	426.112	424.861	426.613	424.611
24.5	425.862	423.610	422.359	424.111	421.859
25.0	423.360	421.108	419.607	421.108	418.606
25.5	420.608	418.356	416.855	418.356	416.604
26.0	417.605	415.103	413.852	415.353	413.101
26.5	414.603	412.601	411.100	412.601	410.599

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

27.0	411.850	409.598	408.097	409.348	407.597
27.5	408.597	406.596	405.345	406.846	404.594
28.0	405.595	403.593	402.342	403.343	401.341
28.5	402.342	400.591	399.089	400.591	398.589
29.0	399.089	397.088	396.087	397.088	395.336
29.5	395.837	394.085	392.834	394.085	392.334
30.0	392.584	390.832	389.832	390.832	389.081
30.5	389.581	387.580	386.329	387.580	386.078
31.0	385.828	384.077	383.326	384.327	382.575
31.5	382.575	381.074	379.823	381.074	379.573
32.0	379.323	377.321	376.570	377.821	376.320
32.5	375.569	374.068	373.317	374.569	372.817
33.0	372.066	370.565	370.065	371.066	369.564
33.5	368.313	367.312	366.562	367.813	366.061
34.0	364.810	363.559	363.559	364.310	363.059
34.5	361.057	360.056	359.806	361.057	359.556
35.0	357.304	356.053	356.303	357.554	356.803
35.5	353.551	352.550	353.050	354.301	352.550
36.0	350.048	349.047	349.297	350.798	349.547
36.5	346.294	345.043	345.794	347.295	346.044
37.0	342.041	341.290	342.041	343.792	342.792
37.5	338.538	337.537	338.288	340.289	339.289
38.0	334.284	333.534	334.785	337.037	336.036
38.5	330.531	329.780	331.032	333.534	332.533
39.0	326.528	326.027	327.529	330.031	329.280
39.5	322.274	322.274	323.775	326.528	326.027
40.0	318.271	318.271	320.022	323.025	322.524
40.5	314.017	314.267	316.269	319.772	319.272
41.0	310.014	310.514	312.766	316.019	315.769
41.5	306.010	306.511	309.013	312.516	312.766
42.0	301.757	302.507	305.510	309.263	309.263
42.5	297.503	298.754	301.506	305.510	306.010
43.0	293.249	294.500	298.003	302.257	302.507
43.5	289.246	290.497	294.250	298.754	299.505
44.0	284.992	286.494	290.747	295.251	296.252
44.5	280.989	282.740	286.744	291.998	292.999
45.0	276.735	278.487	283.241	288.495	289.746
45.5	272.732	274.483	279.488	285.243	286.744
46.0	268.478	270.230	275.985	281.990	283.491
46.5	264.225	266.477	271.981	278.737	280.489
47.0	259.971	262.223	268.478	275.234	277.736
47.5	255.717	258.220	264.975	272.232	274.483
48.0	251.714	253.966	261.222	268.979	271.731
48.5	247.310	250.013	257.469	265.976	268.478
49.0	243.182	245.959	253.966	262.723	266.226
49.5	238.778	241.981	250.463	259.721	262.974
50.0	234.424	238.027	246.910	256.718	260.221
50.5	230.221	233.949	243.232	253.466	257.469
51.0	226.267	229.921	239.704	250.713	254.717
51.5	221.914	226.092	236.276	247.686	252.214
52.0	217.735	222.164	232.673	244.708	249.262
52.5	213.607	218.336	229.345	241.605	246.685
53.0	209.428	214.507	225.917	238.978	244.033
53.5	205.450	210.654	222.614	236.101	241.305
54.0	201.421	206.826	219.061	233.248	238.778
54.5	197.318	203.048	215.784	230.421	236.251

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

55.0	193.389	199.194	212.506	227.694	233.624
55.5	189.311	195.516	209.178	224.941	231.172
56.0	185.508	191.838	205.850	222.089	228.669
56.5	181.579	188.060	202.647	219.437	226.292
57.0	177.651	184.457	199.320	216.859	223.790
57.5	173.773	180.879	196.342	214.207	221.288
58.0	170.070	177.151	193.139	211.455	219.061
58.5	166.266	173.548	189.937	209.003	216.584
59.0	162.338	169.995	186.934	206.401	214.232
59.5	158.635	166.517	183.831	203.923	211.855
60.0	154.782	162.914	180.879	201.321	209.678
60.5	151.053	159.436	177.801	198.969	207.326
61.0	147.300	156.083	174.824	196.342	205.149
61.5	143.572	152.555	171.796	193.940	202.597
62.0	139.894	149.177	168.969	191.438	200.496
62.5	136.391	145.949	166.041	189.011	198.043
63.0	132.638	142.596	163.164	186.484	195.716
63.5	129.135	139.243	160.336	184.132	193.465
64.0	125.657	136.041	157.609	181.629	191.188
64.5	122.179	132.913	154.707	179.102	188.710
65.0	118.776	129.760	151.954	176.800	186.434
65.5	115.398	126.633	149.152	174.323	184.107
66.0	112.020	123.530	146.500	171.896	181.755
66.5	108.692	120.452	143.822	169.419	179.302
67.0	105.465	117.525	141.120	167.017	176.850
67.5	102.237	114.497	138.493	164.440	174.548
68.0	99.034	111.570	135.866	162.113	172.171
68.5	95.882	108.617	133.263	159.611	169.619
69.0	92.754	105.740	130.686	157.209	167.192
69.5	89.751	102.938	128.159	154.732	164.715
70.0	86.699	100.060	125.607	152.355	162.138
70.5	83.721	97.333	123.130	149.802	159.761
71.0	80.819	94.530	120.678	147.500	157.309
71.5	77.866	91.903	118.251	145.023	154.757
72.0	75.014	89.201	115.849	142.696	152.104
72.5	72.136	86.599	113.421	140.144	149.627
73.0	69.384	83.996	111.170	137.867	147.100
73.5	66.582	81.494	108.742	135.365	144.473
74.0	63.879	79.042	106.441	132.938	142.021
74.5	61.252	76.565	104.114	130.536	139.469
75.0	58.625	74.138	101.912	128.084	136.841
75.5	56.023	71.811	99.610	125.707	134.339
76.0	53.495	69.459	97.383	123.280	131.787
76.5	51.018	67.232	95.206	120.853	129.260
77.0	48.616	64.930	93.029	118.501	126.758
77.5	46.214	62.753	90.877	116.124	124.306
78.0	43.862	60.577	88.750	113.772	121.678
78.5	41.560	58.450	86.624	111.445	119.226
79.0	39.308	56.348	84.497	109.093	116.674
79.5	37.082	54.221	82.470	106.841	114.272
80.0	34.930	52.219	80.418	104.514	111.645
80.5	32.828	50.218	78.367	102.212	109.293
81.0	30.726	48.241	76.365	99.935	106.841
81.5	28.699	46.289	74.438	97.633	104.464
82.0	26.673	44.413	72.437	95.456	102.037
82.5	24.721	42.536	70.560	93.229	99.585

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

83.0	22.794	40.685	68.683	91.002	97.283
83.5	20.893	38.908	66.782	88.801	94.881
84.0	19.066	37.132	64.930	86.649	92.579
84.5	17.265	35.380	63.129	84.472	90.202
85.0	15.488	33.729	61.327	82.320	87.925
85.5	13.737	32.052	59.526	80.218	85.698
86.0	12.035	30.401	57.774	78.141	83.471
86.5	10.384	28.799	55.998	76.065	81.319
87.0	8.732	27.198	54.271	74.013	79.217
87.5	7.131	25.647	52.595	72.086	77.066
88.0	5.555	24.070	50.893	70.110	75.064
88.5	3.978	22.569	49.392	68.333	73.087
89.0	2.402	21.268	48.016	66.682	71.411
89.5	0.851	20.267	46.915	65.255	69.859
90.0	0.050	19.442	45.864	63.854	68.308
90.5	0.000	18.741	44.888	62.578	66.907
91.0	0.000	18.291	44.062	61.352	65.531
91.5	0.000	18.040	43.512	60.326	64.355
92.0	0.000	17.990	43.037	59.501	63.304
92.5	0.000	17.940	42.686	58.750	62.478
93.0	0.000	17.890	42.386	58.099	61.577
93.5	0.000	17.840	42.161	57.449	60.827
94.0	0.000	17.765	41.886	56.873	60.151
94.5	0.000	17.690	41.585	56.373	59.476
95.0	0.000	17.615	41.335	55.822	58.875
95.5	0.000	17.565	41.085	55.272	58.225
96.0	0.000	17.490	40.810	54.772	57.599
96.5	0.000	17.415	40.559	54.296	57.023
97.0	0.000	17.315	40.309	53.821	56.523
97.5	0.000	17.265	40.034	53.395	55.973
98.0	0.000	17.190	39.759	52.920	55.447
98.5	0.000	17.115	39.509	52.495	54.997
99.0	0.000	17.039	39.258	52.044	54.521
99.5	0.000	16.964	39.008	51.619	54.046
100.0	0.000	16.889	38.733	51.244	53.571
100.5	0.000	16.789	38.458	50.868	53.170
101.0	0.000	16.739	38.233	50.443	52.795
101.5	0.000	16.664	37.982	50.093	52.345
102.0	0.000	16.564	37.707	49.667	51.944
102.5	0.000	16.489	37.482	49.342	51.594
103.0	0.000	16.389	37.232	48.967	51.219
103.5	0.000	16.314	36.981	48.691	50.843
104.0	0.000	16.239	36.731	48.316	50.518
104.5	0.000	16.139	36.481	48.016	50.168
105.0	0.000	16.039	36.231	47.666	49.867
105.5	0.000	15.964	36.031	47.390	49.542
106.0	0.000	15.889	35.780	47.090	49.267
106.5	0.000	15.788	35.555	46.815	48.942
107.0	0.000	15.688	35.330	46.515	48.691
107.5	0.000	15.588	35.105	46.239	48.416
108.0	0.000	15.488	34.880	45.964	48.116
108.5	0.000	15.413	34.654	45.639	47.866
109.0	0.000	15.313	34.404	45.389	47.590
109.5	0.000	15.213	34.204	45.138	47.315
110.0	0.000	15.113	33.954	44.838	47.065
110.5	0.000	15.013	33.729	44.563	46.815

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

111.0	0.000	14.913	33.503	44.313	46.515
111.5	0.000	14.813	33.278	44.012	46.314
112.0	0.000	14.713	33.028	43.762	46.039
112.5	0.000	14.612	32.803	43.512	45.764
113.0	0.000	14.512	32.578	43.237	45.564
113.5	0.000	14.387	32.327	42.962	45.289
114.0	0.000	14.287	32.127	42.686	45.063
114.5	0.000	14.162	31.852	42.411	44.813
115.0	0.000	14.062	31.627	42.136	44.563
115.5	0.000	13.962	31.402	41.886	44.338
116.0	0.000	13.837	31.151	41.610	44.062
116.5	0.000	13.712	30.876	41.310	43.837
117.0	0.000	13.587	30.651	41.035	43.562
117.5	0.000	13.461	30.401	40.785	43.262
118.0	0.000	13.361	30.151	40.484	43.037
118.5	0.000	13.211	29.875	40.184	42.711
119.0	0.000	13.086	29.625	39.884	42.461
119.5	0.000	12.961	29.375	39.609	42.136
120.0	0.000	12.786	29.100	39.308	41.861
120.5	0.000	12.611	28.850	38.983	41.585
121.0	0.000	12.436	28.574	38.708	41.285
121.5	0.000	12.260	28.299	38.358	40.985
122.0	0.000	12.060	28.049	38.057	40.660
122.5	0.000	11.835	27.749	37.707	40.384
123.0	0.000	11.635	27.473	37.407	40.059
123.5	0.000	11.410	27.198	37.057	39.734
124.0	0.000	11.235	26.923	36.731	39.409
124.5	0.000	11.034	26.623	36.381	39.083
125.0	0.000	10.859	26.347	36.031	38.708
125.5	0.000	10.659	26.022	35.680	38.408
126.0	0.000	10.484	25.697	35.330	38.032
126.5	0.000	10.284	25.322	34.955	37.732
127.0	0.000	10.084	24.946	34.604	37.307
127.5	0.000	9.883	24.546	34.229	36.981
128.0	0.000	9.708	24.171	33.854	36.581
128.5	0.000	9.508	23.770	33.503	36.181
129.0	0.000	9.333	23.345	33.103	35.805
129.5	0.000	9.133	22.970	32.753	35.430
130.0	0.000	8.958	22.569	32.353	35.005
130.5	0.000	8.782	22.194	31.927	34.629
131.0	0.000	8.607	21.794	31.577	34.204
131.5	0.000	8.432	21.393	31.177	33.779
132.0	0.000	8.257	20.993	30.751	33.378
132.5	0.000	8.107	20.618	30.376	32.953
133.0	0.000	7.957	20.242	29.975	32.528
133.5	0.000	7.807	19.892	29.550	32.127
134.0	0.000	7.657	19.492	29.150	31.677
134.5	0.000	7.506	19.116	28.749	31.277
135.0	0.000	7.381	18.741	28.349	30.851
135.5	0.000	7.256	18.366	27.924	30.451
136.0	0.000	7.106	17.965	27.498	30.001
136.5	0.000	6.981	17.540	27.073	29.575
137.0	0.000	6.831	17.140	26.673	29.150
137.5	0.000	6.706	16.739	26.247	28.724
138.0	0.000	6.581	16.364	25.822	28.274
138.5	0.000	6.430	16.014	25.422	27.849

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

139.0	0.000	6.280	15.688	24.971	27.423
139.5	0.000	6.155	15.363	24.546	26.948
140.0	0.000	6.005	15.063	24.121	26.523
140.5	0.000	5.880	14.763	23.645	26.072
141.0	0.000	5.755	14.437	23.145	25.597
141.5	0.000	5.655	14.137	22.669	25.171
142.0	0.000	5.530	13.837	22.169	24.721
142.5	0.000	5.430	13.511	21.643	24.271
143.0	0.000	5.305	13.186	21.118	23.845
143.5	0.000	5.179	12.861	20.618	23.370
144.0	0.000	5.079	12.536	20.117	22.945
144.5	0.000	4.929	12.210	19.592	22.494
145.0	0.000	4.829	11.885	19.091	22.069
145.5	0.000	4.679	11.560	18.591	21.618
146.0	0.000	4.554	11.260	18.115	21.168
146.5	0.000	4.404	10.959	17.615	20.718
147.0	0.000	4.279	10.634	17.140	20.292
147.5	0.000	4.103	10.334	16.664	19.842
148.0	0.000	3.978	10.034	16.189	19.417
148.5	0.000	3.828	9.758	15.688	18.966
149.0	0.000	3.678	9.483	15.138	18.541
149.5	0.000	3.553	9.258	14.612	18.090
150.0	0.000	3.428	9.008	14.112	17.640
150.5	0.000	3.278	8.782	13.687	17.190
151.0	0.000	3.178	8.582	13.286	16.764
151.5	0.000	3.053	8.357	12.861	16.339
152.0	0.000	2.927	8.157	12.411	15.889
152.5	0.000	2.827	7.932	12.035	15.463
153.0	0.000	2.702	7.732	11.610	15.038
153.5	0.000	2.602	7.506	11.210	14.612
154.0	0.000	2.502	7.306	10.834	14.162
154.5	0.000	2.402	7.106	10.459	13.762
155.0	0.000	2.302	6.881	10.084	13.336
155.5	0.000	2.177	6.681	9.758	12.861
156.0	0.000	2.102	6.455	9.408	12.436
156.5	0.000	2.002	6.255	9.058	12.035
157.0	0.000	1.902	6.030	8.732	11.585
157.5	0.000	1.802	5.830	8.407	11.134
158.0	0.000	1.701	5.605	8.107	10.709
158.5	0.000	1.601	5.405	7.807	10.309
159.0	0.000	1.501	5.179	7.481	9.908
159.5	0.000	1.401	4.979	7.206	9.508
160.0	0.000	1.326	4.754	6.931	9.083
160.5	0.000	1.226	4.504	6.631	8.682
161.0	0.025	1.151	4.279	6.355	8.357
161.5	0.000	1.051	4.053	6.080	8.082
162.0	0.025	0.976	3.828	5.805	7.732
162.5	0.025	0.901	3.603	5.530	7.356
163.0	0.000	0.826	3.378	5.254	7.056
163.5	0.025	0.751	3.178	4.979	6.756
164.0	0.025	0.676	2.953	4.704	6.430
164.5	0.025	0.601	2.752	4.429	6.130
165.0	0.000	0.525	2.577	4.179	5.830
165.5	0.025	0.475	2.377	3.903	5.505
166.0	0.000	0.425	2.202	3.628	5.204
166.5	0.025	0.350	2.027	3.378	4.879

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****CANDELA TABULATION - (Cont.)**

167.0	0.000	0.300	1.877	3.128	4.579
167.5	0.000	0.250	1.701	2.852	4.279
168.0	0.000	0.200	1.526	2.602	3.978
168.5	0.025	0.150	1.376	2.352	3.678
169.0	0.000	0.125	1.226	2.102	3.378
169.5	0.025	0.100	1.076	1.877	2.927
170.0	0.000	0.075	0.951	1.651	2.277
170.5	0.025	0.075	0.851	1.426	2.052
171.0	0.025	0.050	0.726	1.226	1.626
171.5	0.000	0.025	0.601	1.026	0.901
172.0	0.000	0.025	0.500	0.851	0.726
172.5	0.000	0.000	0.400	0.701	0.626
173.0	0.000	0.000	0.300	0.575	0.500
173.5	0.000	0.000	0.200	0.450	0.400
174.0	0.000	0.000	0.150	0.350	0.275
174.5	0.000	0.000	0.100	0.275	0.150
175.0	0.000	0.000	0.050	0.200	0.125
175.5	0.000	0.000	0.025	0.125	0.075
176.0	0.000	0.000	0.000	0.050	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	176.85	N.A.	12.00
0-30	370.37	N.A.	25.20
0-40	593.30	N.A.	40.40
0-60	1003.15	N.A.	68.20
0-80	1261.23	N.A.	85.80
0-90	1324.25	N.A.	90.10
10-90	1278.24	N.A.	87.00
20-40	416.45	N.A.	28.30
20-50	635.21	N.A.	43.20
40-70	561.43	N.A.	38.20
60-80	258.08	N.A.	17.60
70-80	106.50	N.A.	7.20
80-90	63.02	N.A.	4.30
90-110	72.72	N.A.	4.90
90-120	100.05	N.A.	6.80
90-130	120.79	N.A.	8.20
90-150	141.82	N.A.	9.60
90-180	145.72	N.A.	9.90
110-180	73.00	N.A.	5.00
0-180	1469.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	46.01
10-20	130.85
20-30	193.52
30-40	222.93
40-50	218.76
50-60	191.09
60-70	151.57
70-80	106.50
80-90	63.02
90-100	39.60
100-110	33.12
110-120	27.33
120-130	20.75
130-140	13.59
140-150	7.44
150-160	3.09
160-170	0.79
170-180	0.03

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES

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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	106	100	96	92	102	97	93	89	91	88	85	85	83	80	80	78	76	73
2	96	87	80	74	92	85	78	73	79	74	69	75	70	66	70	67	63	61
3	87	77	68	62	84	74	67	61	70	64	58	66	60	56	62	58	54	51
4	80	68	59	52	77	66	58	52	62	55	50	59	53	48	55	50	46	44
5	74	61	52	45	71	59	51	45	56	49	43	53	47	42	50	45	40	38
6	68	55	46	40	66	53	45	39	51	43	38	48	42	37	45	40	36	33
7	63	50	41	35	61	48	40	35	46	39	34	44	37	33	42	36	32	30
8	59	45	37	31	57	44	36	31	42	35	30	40	34	29	38	33	29	27
9	55	42	34	28	53	41	33	28	39	32	27	37	31	27	35	30	26	24
10	52	39	31	26	50	38	30	25	36	29	25	34	28	24	33	28	24	22

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-940-EM10W-DIM-UNV_(EMER MODE).IES

UGR TABLE - CORRECTED

Reflectances

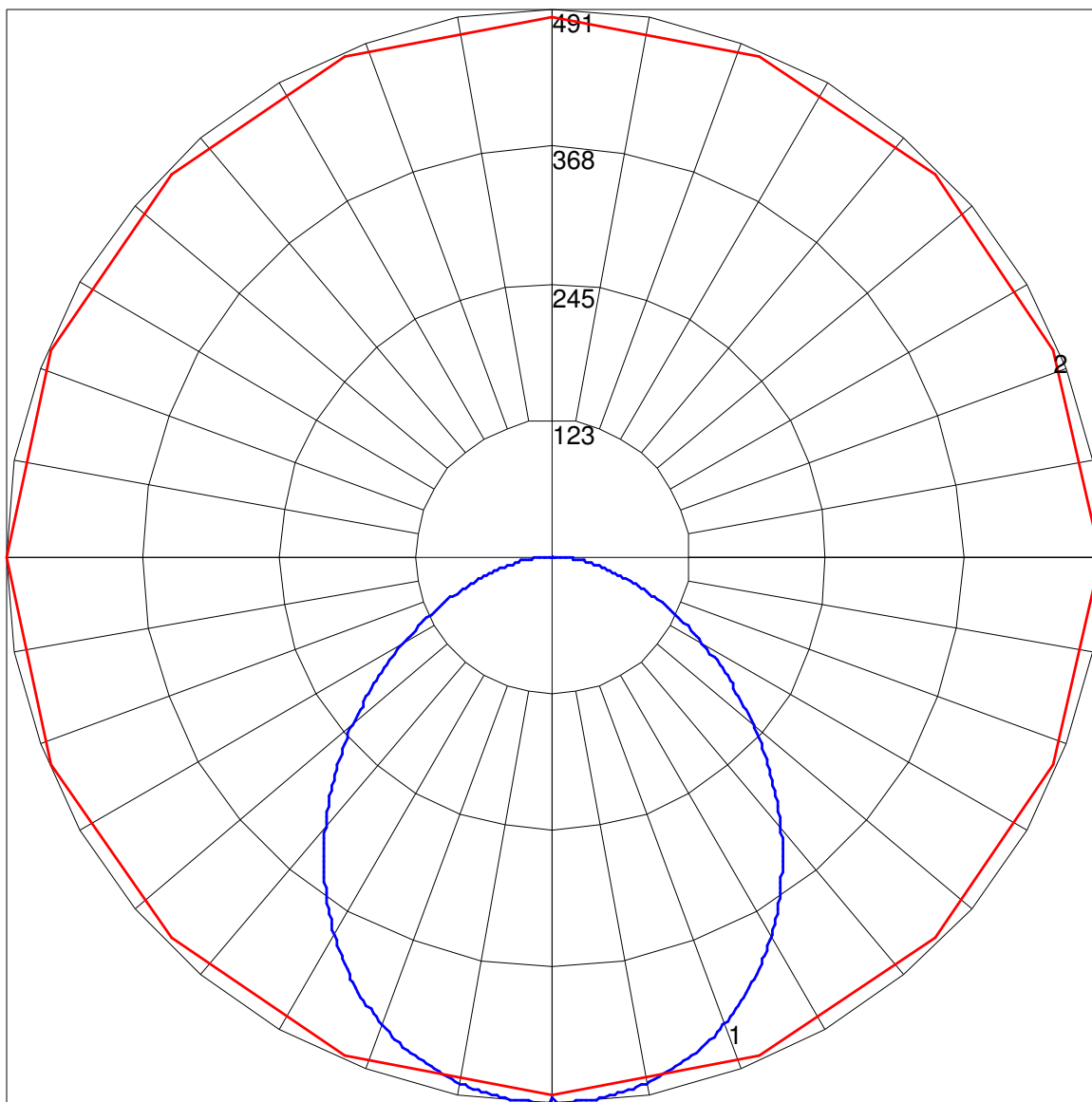
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	14.4	15.8	14.9	16.4	16.9	16.6	18.1	17.1	18.6	19.1
	3H	15.7	17.0	16.2	17.5	18.1	19.1	20.4	19.6	20.9	21.5
	4H	16.1	17.3	16.7	17.9	18.5	20.2	21.5	20.8	22.0	22.6
	6H	16.3	17.5	16.9	18.0	18.6	21.4	22.5	21.9	23.1	23.7
	8H	16.4	17.5	17.0	18.1	18.7	22.0	23.0	22.5	23.6	24.2
	12H	16.4	17.5	17.0	18.0	18.7	22.6	23.6	23.1	24.2	24.8
4H	2H	15.2	16.4	15.8	17.0	17.6	17.0	18.2	17.5	18.8	19.4
	3H	16.8	17.8	17.3	18.4	19.0	19.7	20.7	20.2	21.3	21.9
	4H	17.3	18.2	17.8	18.8	19.5	21.0	21.9	21.6	22.5	23.2
	6H	17.6	18.5	18.2	19.1	19.7	22.3	23.2	22.9	23.8	24.4
	8H	17.7	18.5	18.3	19.1	19.8	23.0	23.8	23.6	24.4	25.1
	12H	17.8	18.5	18.4	19.1	19.8	23.7	24.4	24.3	25.1	25.8
8H	4H	17.9	18.7	18.5	19.3	20.0	21.1	21.9	21.7	22.5	23.2
	6H	18.4	19.1	19.1	19.8	20.4	22.6	23.3	23.3	24.0	24.6
	8H	18.6	19.2	19.3	19.9	20.6	23.4	24.0	24.1	24.7	25.4
	12H	18.7	19.3	19.4	19.9	20.7	24.3	24.9	25.0	25.5	26.3
12H	4H	18.1	18.8	18.7	19.4	20.1	21.1	21.8	21.8	22.5	23.2
	6H	18.7	19.3	19.4	19.9	20.7	22.7	23.3	23.3	23.9	24.6
	8H	19.0	19.5	19.6	20.2	20.9	23.5	24.0	24.2	24.7	25.5

Maximum UGR = 26.3

POLAR GRAPH



Maximum Candela = 490.917 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)