



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-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]01-27-2023
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)
 [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	1520
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	152
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	5519	4449	4223
55	4710	3747	3741
65	3866	3163	3427
75	3014	2688	3062
85	2040	2302	2615

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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>
0.0	502.958	502.958	502.958	502.958	502.958
0.5	507.357	503.993	500.889	503.217	500.371
1.0	507.615	503.993	500.630	502.700	500.630
1.5	507.357	503.734	500.630	502.958	500.371
2.0	507.615	503.734	500.630	502.700	500.112
2.5	506.839	503.476	500.112	502.700	500.112
3.0	506.580	503.217	500.112	502.182	500.112
3.5	506.839	502.700	499.595	502.441	500.112
4.0	506.063	502.441	499.336	501.923	499.595
4.5	505.804	501.923	499.077	501.665	499.595
5.0	505.028	501.406	498.819	501.147	498.560
5.5	504.769	500.889	498.043	500.889	498.819
6.0	503.476	500.112	497.525	500.112	498.043
6.5	503.217	499.595	497.008	499.595	498.043
7.0	502.700	498.819	496.231	499.077	496.749
7.5	501.406	498.301	495.714	498.560	496.231
8.0	500.889	497.525	494.679	497.525	495.455
8.5	499.854	496.490	494.162	497.008	494.938
9.0	499.077	495.714	492.868	495.973	493.644
9.5	497.784	494.679	492.351	495.197	492.868
10.0	497.008	493.644	491.316	494.162	492.351
10.5	495.714	492.609	490.540	493.127	490.798
11.0	494.679	491.316	488.987	492.092	490.022
11.5	493.386	490.281	487.952	490.798	488.729
12.0	492.092	488.987	486.659	489.505	487.435
12.5	491.057	487.694	485.883	488.470	486.400
13.0	489.246	486.659	484.071	486.917	484.848
13.5	487.952	484.848	482.778	485.365	483.554
14.0	486.659	483.554	481.226	484.071	482.002
14.5	484.589	481.743	479.673	482.260	480.191
15.0	483.295	480.449	478.121	480.708	478.897
15.5	481.226	478.638	476.569	479.156	477.086
16.0	479.673	477.086	474.757	477.603	475.534
16.5	478.121	475.016	473.205	475.534	473.723
17.0	476.051	473.205	471.135	473.723	472.170
17.5	473.981	471.394	469.324	471.911	470.100
18.0	472.170	469.066	467.513	469.842	468.031
18.5	469.842	467.254	465.443	468.031	465.702
19.0	467.513	465.185	463.374	465.961	463.891
19.5	465.702	463.115	461.304	463.632	461.563
20.0	463.374	460.786	459.234	461.304	459.751
20.5	461.304	458.458	456.647	458.975	457.164
21.0	458.717	456.129	454.577	456.647	454.836
21.5	456.388	453.801	451.990	454.318	451.990
22.0	453.801	451.214	449.661	451.472	449.920
22.5	451.472	448.626	447.333	449.144	447.074
23.0	448.626	446.039	444.746	446.298	444.487
23.5	446.039	443.452	442.158	443.711	442.158
24.0	443.193	440.606	439.312	441.123	439.054
24.5	440.347	438.019	436.725	438.536	436.208
25.0	437.760	435.431	433.879	435.431	432.844
25.5	434.914	432.586	431.033	432.586	430.774
26.0	431.809	429.222	427.929	429.481	427.152
26.5	428.705	426.635	425.083	426.635	424.565

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)_.IES****CANDELA TABULATION - (Cont.)**

27.0	425.859	423.530	421.978	423.271	421.460
27.5	422.495	420.426	419.132	420.684	418.356
28.0	419.391	417.321	416.027	417.062	414.992
28.5	416.027	414.216	412.664	414.216	412.146
29.0	412.664	410.594	409.559	410.594	408.783
29.5	409.300	407.489	406.196	407.489	405.678
30.0	405.937	404.126	403.091	404.126	402.315
30.5	402.832	400.763	399.469	400.763	399.210
31.0	398.951	397.140	396.364	397.399	395.588
31.5	395.588	394.036	392.742	394.036	392.483
32.0	392.225	390.155	389.379	390.672	389.120
32.5	388.344	386.791	386.015	387.309	385.498
33.0	384.722	383.169	382.652	383.687	382.134
33.5	380.841	379.806	379.030	380.323	378.512
34.0	377.219	375.925	375.925	376.701	375.408
34.5	373.338	372.303	372.044	373.338	371.786
35.0	369.457	368.163	368.422	369.716	368.940
35.5	365.576	364.541	365.059	366.352	364.541
36.0	361.954	360.919	361.178	362.730	361.437
36.5	358.073	356.780	357.556	359.108	357.814
37.0	353.675	352.899	353.675	355.486	354.451
37.5	350.053	349.018	349.794	351.864	350.829
38.0	345.654	344.878	346.172	348.500	347.466
38.5	341.774	340.997	342.291	344.878	343.843
39.0	337.634	337.117	338.669	341.256	340.480
39.5	333.236	333.236	334.788	337.634	337.117
40.0	329.096	329.096	330.907	334.012	333.494
40.5	324.698	324.957	327.026	330.649	330.131
41.0	320.558	321.076	323.404	326.768	326.509
41.5	316.419	316.936	319.523	323.146	323.404
42.0	312.020	312.797	315.901	319.782	319.782
42.5	307.622	308.916	311.762	315.901	316.419
43.0	303.224	304.517	308.140	312.538	312.797
43.5	299.084	300.378	304.259	308.916	309.692
44.0	294.686	296.238	300.637	305.294	306.329
44.5	290.546	292.357	296.497	301.930	302.965
45.0	286.148	287.959	292.875	298.308	299.602
45.5	282.009	283.820	288.994	294.945	296.497
46.0	277.610	279.421	285.372	291.581	293.134
46.5	273.212	275.540	281.232	288.218	290.029
47.0	268.814	271.142	277.610	284.596	287.183
47.5	264.415	267.003	273.988	281.491	283.820
48.0	260.276	262.604	270.107	278.128	280.974
48.5	255.722	258.516	266.226	275.023	277.610
49.0	251.453	254.325	262.604	271.660	275.282
49.5	246.900	250.211	258.982	268.555	271.918
50.0	242.398	246.124	255.308	265.450	269.072
50.5	238.051	241.906	251.505	262.087	266.226
51.0	233.964	237.741	247.857	259.241	263.380
51.5	229.462	233.782	244.313	256.110	260.793
52.0	225.141	229.721	240.587	253.031	257.740
52.5	220.872	225.762	237.146	249.823	255.075
53.0	216.551	221.804	233.601	247.107	252.333
53.5	212.438	217.819	230.186	244.131	249.513
54.0	208.272	213.861	226.512	241.182	246.900
54.5	204.029	209.954	223.123	238.258	244.287

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55.0	199.967	205.970	219.734	235.438	241.570
55.5	195.750	202.166	216.293	232.592	239.035
56.0	191.818	198.363	212.852	229.643	236.447
56.5	187.756	194.457	209.540	226.900	233.989
57.0	183.694	190.731	206.099	224.236	231.402
57.5	179.683	187.031	203.020	221.493	228.815
58.0	175.854	183.176	199.709	218.647	226.512
58.5	171.922	179.451	196.397	216.112	223.951
59.0	167.860	175.777	193.292	213.421	221.519
59.5	164.031	172.180	190.084	210.860	219.061
60.0	160.046	168.455	187.031	208.169	216.810
60.5	156.191	164.859	183.849	205.737	214.378
61.0	152.310	161.392	180.770	203.020	212.127
61.5	148.455	157.744	177.639	200.537	209.488
62.0	144.652	154.251	174.716	197.949	207.315
62.5	141.030	150.913	171.689	195.440	204.780
63.0	137.149	147.446	168.714	192.827	202.373
63.5	133.527	143.980	165.790	190.395	200.045
64.0	129.931	140.668	162.970	187.807	197.691
64.5	126.335	137.434	159.969	185.194	195.129
65.0	122.816	134.174	157.123	182.814	192.775
65.5	119.323	130.940	154.225	180.253	190.369
66.0	115.830	127.732	151.483	177.743	187.937
66.5	112.389	124.549	148.714	175.182	185.401
67.0	109.052	121.522	145.920	172.698	182.866
67.5	105.714	118.392	143.203	170.033	180.485
68.0	102.403	115.365	140.487	167.627	178.028
68.5	99.143	112.312	137.796	165.040	175.389
69.0	95.909	109.337	135.131	162.556	172.879
69.5	92.804	106.439	132.518	159.995	170.318
70.0	89.648	103.463	129.879	157.537	167.653
70.5	86.569	100.643	127.318	154.898	165.195
71.0	83.568	97.746	124.782	152.517	162.659
71.5	80.515	95.029	122.273	149.956	160.020
72.0	77.565	92.235	119.789	147.550	157.278
72.5	74.590	89.544	117.279	144.911	154.717
73.0	71.744	86.853	114.951	142.557	152.103
73.5	68.846	84.266	112.441	139.969	149.387
74.0	66.052	81.731	110.061	137.460	146.851
74.5	63.335	79.169	107.655	134.976	144.212
75.0	60.619	76.660	105.378	132.441	141.496
75.5	57.928	74.254	102.998	129.983	138.909
76.0	55.315	71.822	100.695	127.473	136.270
76.5	52.754	69.519	98.444	124.963	133.657
77.0	50.270	67.139	96.193	122.531	131.069
77.5	47.786	64.888	93.968	120.074	128.534
78.0	45.354	62.637	91.769	117.642	125.817
78.5	42.974	60.438	89.570	115.235	123.282
79.0	40.645	58.265	87.371	112.803	120.643
79.5	38.343	56.065	85.275	110.475	118.159
80.0	36.118	53.996	83.154	108.069	115.442
80.5	33.945	51.926	81.032	105.689	113.010
81.0	31.771	49.882	78.962	103.334	110.475
81.5	29.676	47.864	76.970	100.954	108.017
82.0	27.580	45.923	74.900	98.703	105.507
82.5	25.562	43.983	72.960	96.400	102.972

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)_.IES****CANDELA TABULATION - (Cont.)**

83.0	23.570	42.068	71.020	94.098	100.592
83.5	21.603	40.231	69.053	91.821	98.108
84.0	19.715	38.395	67.139	89.596	95.728
84.5	17.852	36.583	65.276	87.345	93.270
85.0	16.015	34.876	63.413	85.120	90.915
85.5	14.204	33.142	61.550	82.947	88.613
86.0	12.445	31.435	59.739	80.799	86.310
86.5	10.737	29.779	57.902	78.652	84.085
87.0	9.029	28.123	56.117	76.530	81.912
87.5	7.374	26.519	54.384	74.538	79.687
88.0	5.744	24.889	52.624	72.494	77.617
88.5	4.114	23.337	51.072	70.657	75.573
89.0	2.484	21.991	49.649	68.950	73.840
89.5	0.880	20.957	48.511	67.475	72.236
90.0	0.052	20.103	47.424	66.026	70.631
90.5	0.000	19.378	46.415	64.707	69.183
91.0	0.000	18.913	45.561	63.439	67.760
91.5	0.000	18.654	44.992	62.378	66.544
92.0	0.000	18.602	44.500	61.524	65.457
92.5	0.000	18.550	44.138	60.748	64.603
93.0	0.000	18.499	43.828	60.076	63.672
93.5	0.000	18.447	43.595	59.403	62.896
94.0	0.000	18.369	43.310	58.808	62.197
94.5	0.000	18.292	43.000	58.290	61.499
95.0	0.000	18.214	42.741	57.721	60.878
95.5	0.000	18.162	42.482	57.152	60.205
96.0	0.000	18.085	42.198	56.635	59.558
96.5	0.000	18.007	41.939	56.143	58.963
97.0	0.000	17.904	41.680	55.651	58.446
97.5	0.000	17.852	41.396	55.212	57.876
98.0	0.000	17.774	41.111	54.720	57.333
98.5	0.000	17.697	40.852	54.280	56.867
99.0	0.000	17.619	40.594	53.814	56.376
99.5	0.000	17.541	40.335	53.375	55.884
100.0	0.000	17.464	40.050	52.987	55.393
100.5	0.000	17.360	39.766	52.598	54.979
101.0	0.000	17.309	39.533	52.159	54.591
101.5	0.000	17.231	39.274	51.796	54.125
102.0	0.000	17.127	38.990	51.357	53.711
102.5	0.000	17.050	38.757	51.020	53.349
103.0	0.000	16.946	38.498	50.632	52.961
103.5	0.000	16.869	38.239	50.348	52.573
104.0	0.000	16.791	37.981	49.959	52.236
104.5	0.000	16.688	37.722	49.649	51.874
105.0	0.000	16.584	37.463	49.287	51.564
105.5	0.000	16.507	37.256	49.002	51.227
106.0	0.000	16.429	36.997	48.692	50.943
106.5	0.000	16.325	36.765	48.407	50.606
107.0	0.000	16.222	36.532	48.097	50.348
107.5	0.000	16.118	36.299	47.812	50.063
108.0	0.000	16.015	36.066	47.527	49.753
108.5	0.000	15.937	35.833	47.191	49.494
109.0	0.000	15.834	35.574	46.932	49.209
109.5	0.000	15.730	35.367	46.674	48.925
110.0	0.000	15.627	35.109	46.363	48.666
110.5	0.000	15.523	34.876	46.079	48.407

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111.0	0.000	15.420	34.643	45.820	48.097
111.5	0.000	15.316	34.410	45.509	47.890
112.0	0.000	15.213	34.151	45.251	47.605
112.5	0.000	15.109	33.919	44.992	47.321
113.0	0.000	15.006	33.686	44.707	47.114
113.5	0.000	14.877	33.427	44.423	46.829
114.0	0.000	14.773	33.220	44.138	46.596
114.5	0.000	14.644	32.935	43.854	46.337
115.0	0.000	14.540	32.703	43.569	46.079
115.5	0.000	14.437	32.470	43.310	45.846
116.0	0.000	14.307	32.211	43.026	45.561
116.5	0.000	14.178	31.926	42.715	45.328
117.0	0.000	14.049	31.694	42.431	45.044
117.5	0.000	13.919	31.435	42.172	44.733
118.0	0.000	13.816	31.176	41.861	44.500
118.5	0.000	13.661	30.892	41.551	44.164
119.0	0.000	13.531	30.633	41.241	43.905
119.5	0.000	13.402	30.374	40.956	43.569
120.0	0.000	13.221	30.090	40.645	43.284
120.5	0.000	13.040	29.831	40.309	43.000
121.0	0.000	12.859	29.546	40.025	42.689
121.5	0.000	12.677	29.262	39.662	42.379
122.0	0.000	12.470	29.003	39.352	42.043
122.5	0.000	12.238	28.692	38.990	41.758
123.0	0.000	12.031	28.408	38.679	41.422
123.5	0.000	11.798	28.123	38.317	41.085
124.0	0.000	11.617	27.839	37.981	40.749
124.5	0.000	11.410	27.528	37.618	40.413
125.0	0.000	11.229	27.244	37.256	40.025
125.5	0.000	11.022	26.907	36.894	39.714
126.0	0.000	10.841	26.571	36.532	39.326
126.5	0.000	10.634	26.183	36.144	39.015
127.0	0.000	10.427	25.795	35.781	38.576
127.5	0.000	10.220	25.381	35.393	38.239
128.0	0.000	10.038	24.993	35.005	37.825
128.5	0.000	9.831	24.579	34.643	37.411
129.0	0.000	9.650	24.139	34.229	37.023
129.5	0.000	9.443	23.751	33.867	36.635
130.0	0.000	9.262	23.337	33.453	36.195
130.5	0.000	9.081	22.949	33.013	35.807
131.0	0.000	8.900	22.535	32.651	35.367
131.5	0.000	8.719	22.121	32.237	34.928
132.0	0.000	8.538	21.707	31.797	34.514
132.5	0.000	8.383	21.319	31.409	34.074
133.0	0.000	8.227	20.931	30.995	33.634
133.5	0.000	8.072	20.569	30.555	33.220
134.0	0.000	7.917	20.155	30.141	32.754
134.5	0.000	7.762	19.766	29.727	32.340
135.0	0.000	7.632	19.378	29.313	31.901
135.5	0.000	7.503	18.990	28.874	31.487
136.0	0.000	7.348	18.576	28.434	31.021
136.5	0.000	7.218	18.137	27.994	30.581
137.0	0.000	7.063	17.723	27.580	30.141
137.5	0.000	6.934	17.309	27.140	29.701
138.0	0.000	6.804	16.921	26.700	29.236
138.5	0.000	6.649	16.558	26.286	28.796

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)_IES****CANDELA TABULATION - (Cont.)**

139.0	0.000	6.494	16.222	25.821	28.356
139.5	0.000	6.365	15.886	25.381	27.865
140.0	0.000	6.209	15.575	24.941	27.425
140.5	0.000	6.080	15.265	24.449	26.959
141.0	0.000	5.951	14.928	23.932	26.467
141.5	0.000	5.847	14.618	23.440	26.028
142.0	0.000	5.718	14.307	22.923	25.562
142.5	0.000	5.614	13.971	22.380	25.096
143.0	0.000	5.485	13.635	21.836	24.656
143.5	0.000	5.356	13.298	21.319	24.165
144.0	0.000	5.252	12.962	20.801	23.725
144.5	0.000	5.097	12.626	20.258	23.259
145.0	0.000	4.993	12.289	19.741	22.819
145.5	0.000	4.838	11.953	19.223	22.354
146.0	0.000	4.709	11.643	18.732	21.888
146.5	0.000	4.554	11.332	18.214	21.422
147.0	0.000	4.424	10.996	17.723	20.982
147.5	0.000	4.243	10.685	17.231	20.517
148.0	0.000	4.114	10.375	16.739	20.077
148.5	0.000	3.958	10.090	16.222	19.611
149.0	0.000	3.803	9.806	15.653	19.171
149.5	0.000	3.674	9.573	15.109	18.706
150.0	0.000	3.545	9.314	14.592	18.240
150.5	0.000	3.389	9.081	14.152	17.774
151.0	0.000	3.286	8.874	13.738	17.334
151.5	0.000	3.156	8.641	13.298	16.895
152.0	0.000	3.027	8.434	12.833	16.429
152.5	0.000	2.924	8.202	12.445	15.989
153.0	0.000	2.794	7.995	12.005	15.549
153.5	0.000	2.691	7.762	11.591	15.109
154.0	0.000	2.587	7.555	11.203	14.644
154.5	0.000	2.484	7.348	10.815	14.230
155.0	0.000	2.380	7.115	10.427	13.790
155.5	0.000	2.251	6.908	10.090	13.298
156.0	0.000	2.173	6.675	9.728	12.859
156.5	0.000	2.070	6.468	9.366	12.445
157.0	0.000	1.966	6.235	9.029	11.979
157.5	0.000	1.863	6.028	8.693	11.513
158.0	0.000	1.759	5.795	8.383	11.073
158.5	0.000	1.656	5.588	8.072	10.659
159.0	0.000	1.552	5.356	7.736	10.245
159.5	0.000	1.449	5.149	7.451	9.831
160.0	0.000	1.371	4.916	7.167	9.392
160.5	0.000	1.268	4.657	6.856	8.978
161.0	0.026	1.190	4.424	6.572	8.641
161.5	0.000	1.087	4.191	6.287	8.357
162.0	0.026	1.009	3.958	6.002	7.995
162.5	0.026	0.931	3.726	5.718	7.606
163.0	0.000	0.854	3.493	5.433	7.296
163.5	0.026	0.776	3.286	5.149	6.986
164.0	0.026	0.699	3.053	4.864	6.649
164.5	0.026	0.621	2.846	4.579	6.339
165.0	0.000	0.543	2.665	4.321	6.028
165.5	0.026	0.492	2.458	4.036	5.692
166.0	0.000	0.440	2.277	3.751	5.381
166.5	0.026	0.362	2.096	3.493	5.045

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)_.IES****CANDELA TABULATION - (Cont.)**

167.0	0.000	0.310	1.940	3.234	4.735
167.5	0.000	0.259	1.759	2.949	4.424
168.0	0.000	0.207	1.578	2.691	4.114
168.5	0.026	0.155	1.423	2.432	3.803
169.0	0.000	0.129	1.268	2.173	3.493
169.5	0.026	0.103	1.113	1.940	3.027
170.0	0.000	0.078	0.983	1.708	2.354
170.5	0.026	0.078	0.880	1.475	2.122
171.0	0.026	0.052	0.750	1.268	1.682
171.5	0.000	0.026	0.621	1.061	0.931
172.0	0.000	0.026	0.517	0.880	0.750
172.5	0.000	0.000	0.414	0.724	0.647
173.0	0.000	0.000	0.310	0.595	0.517
173.5	0.000	0.000	0.207	0.466	0.414
174.0	0.000	0.000	0.155	0.362	0.285
174.5	0.000	0.000	0.103	0.285	0.155
175.0	0.000	0.000	0.052	0.207	0.129
175.5	0.000	0.000	0.026	0.129	0.078
176.0	0.000	0.000	0.000	0.052	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-L50-840-EM10WLP-DIM-UNV(EMER MODE)_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	182.87	N.A.	12.00
0-30	382.97	N.A.	25.20
0-40	613.48	N.A.	40.40
0-60	1037.27	N.A.	68.20
0-80	1304.13	N.A.	85.80
0-90	1369.29	N.A.	90.10
10-90	1321.72	N.A.	87.00
20-40	430.61	N.A.	28.30
20-50	656.82	N.A.	43.20
40-70	580.52	N.A.	38.20
60-80	266.86	N.A.	17.60
70-80	110.13	N.A.	7.20
80-90	65.16	N.A.	4.30
90-110	75.19	N.A.	4.90
90-120	103.45	N.A.	6.80
90-130	124.90	N.A.	8.20
90-150	146.64	N.A.	9.60
90-180	150.68	N.A.	9.90
110-180	75.49	N.A.	5.00
0-180	1519.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.57
10-20	135.30
20-30	200.10
30-40	230.51
40-50	226.20
50-60	197.59
60-70	156.73
70-80	110.13
80-90	65.16
90-100	40.95
100-110	34.24
110-120	28.25
120-130	21.45
130-140	14.05
140-150	7.69
150-160	3.19
160-170	0.81
170-180	0.03

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-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-L50-840-EM10WLP-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	14.6	16.0	15.1	16.6	17.1	16.8	18.3	17.3	18.8	19.3
	3H	15.9	17.2	16.4	17.7	18.3	19.3	20.6	19.8	21.1	21.7
	4H	16.3	17.5	16.9	18.1	18.7	20.4	21.7	21.0	22.2	22.8
	6H	16.5	17.7	17.1	18.2	18.8	21.6	22.7	22.1	23.3	23.9
	8H	16.6	17.7	17.2	18.3	18.9	22.2	23.2	22.7	23.8	24.4
	12H	16.6	17.7	17.2	18.2	18.9	22.8	23.8	23.3	24.4	25.0

UGR Viewed Endwise

4H	2H	15.4	16.6	16.0	17.2	17.8	17.2	18.4	17.7	19.0	19.6
	3H	17.0	18.0	17.5	18.6	19.2	19.9	20.9	20.4	21.5	22.1
	4H	17.5	18.4	18.0	19.0	19.7	21.2	22.1	21.8	22.7	23.4
	6H	17.8	18.7	18.4	19.3	19.9	22.5	23.4	23.1	24.0	24.6
	8H	17.9	18.7	18.5	19.3	20.0	23.2	24.0	23.8	24.6	25.3
	12H	18.0	18.7	18.6	19.3	20.0	23.9	24.6	24.5	25.3	26.0

8H	4H	18.1	18.9	18.7	19.5	20.2	21.3	22.1	21.9	22.7	23.4
	6H	18.6	19.3	19.3	20.0	20.6	22.8	23.5	23.5	24.2	24.8
	8H	18.8	19.4	19.5	20.1	20.8	23.6	24.2	24.3	24.9	25.6
	12H	18.9	19.5	19.6	20.1	20.9	24.5	25.1	25.2	25.7	26.5

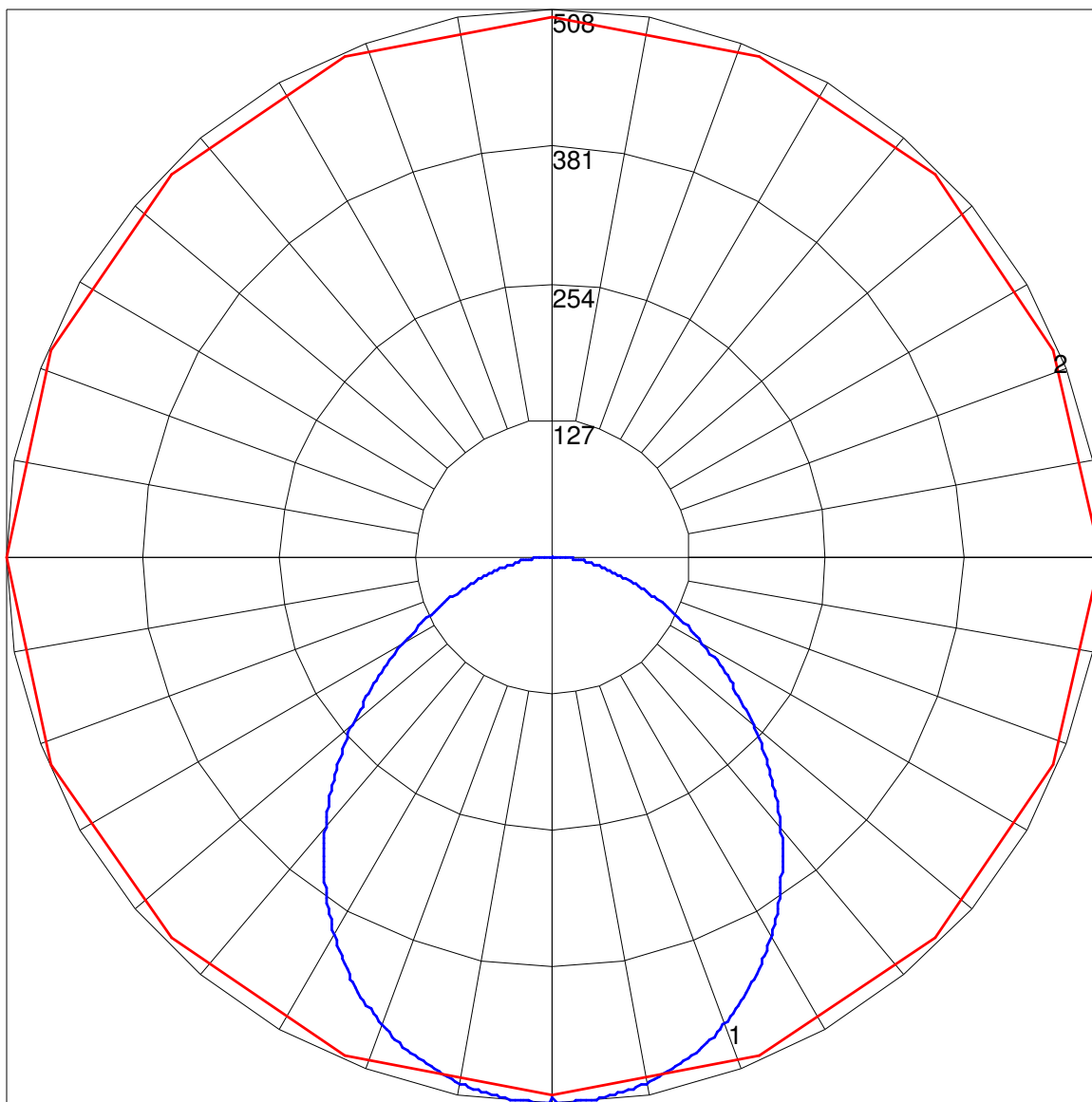
12H	4H	18.3	19.0	18.9	19.6	20.3	21.3	22.0	22.0	22.7	23.4
	6H	18.9	19.5	19.6	20.1	20.9	22.9	23.5	23.5	24.1	24.8
	8H	19.2	19.7	19.8	20.4	21.1	23.7	24.2	24.4	24.9	25.7

Maximum UGR = 26.5

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 75S-4-L50-840-EM10WLP-DIM-UNV(EMER MODE)_.IES

POLAR GRAPH



Maximum Candela = 507.615 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.)