

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.07
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 06-29-2023
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836
[LUMINAIRE] 8' SUSPENDED LED LUMINAIRE
[MORE] WITH FROSTED ACRYLIC LENS
[LUMCAT] SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY)
[LAMPCAT] HLM 80 CRI, 3500K CCT
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Indoor, Architectural, Classroom, Direct-Indirect
[SEARCH_MOUNTING] Suspended

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1340
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	10
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	7.90 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1574	1506	1484
55	1477	1410	1385
65	1353	1288	1263
75	1146	1090	1061
85	721	724	710

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	508.747	508.747	508.747	508.747	508.747
0.5	521.389	511.393	505.219	504.778	505.072
1.0	521.389	511.246	505.072	504.631	504.925
1.5	521.242	511.099	504.925	504.484	504.778
2.0	520.948	510.952	504.778	504.337	504.484
2.5	520.801	510.658	504.337	504.043	504.337
3.0	520.507	510.364	504.043	503.602	503.896
3.5	520.066	509.923	503.602	503.161	503.455
4.0	519.625	509.482	503.161	502.720	503.014
4.5	519.184	508.894	502.573	502.133	502.426
5.0	518.596	508.306	501.986	501.545	501.839
5.5	518.008	507.718	501.251	500.810	501.104
6.0	517.273	506.983	500.663	500.075	500.369
6.5	516.538	506.248	499.928	499.340	499.634
7.0	515.803	505.366	499.046	498.458	498.752
7.5	514.921	504.631	498.164	497.576	497.723
8.0	513.892	503.602	497.282	496.694	496.841
8.5	512.863	502.573	496.400	495.665	495.665
9.0	511.687	501.545	495.371	494.636	494.636
9.5	510.511	500.516	494.342	493.460	493.460
10.0	509.335	499.340	493.166	492.284	492.137
10.5	508.012	498.017	491.990	490.961	490.814
11.0	506.542	496.694	490.667	489.638	489.491
11.5	505.072	495.371	489.344	488.315	488.168
12.0	503.602	493.901	487.874	486.845	486.698
12.5	502.133	492.431	486.551	485.375	485.228
13.0	500.516	490.814	484.934	483.758	483.611
13.5	498.752	489.197	483.317	482.141	481.994
14.0	497.135	487.580	481.700	480.524	480.377
14.5	495.371	485.816	479.936	478.760	478.760
15.0	493.607	483.905	478.025	476.996	476.996
15.5	491.843	482.141	476.262	475.233	475.233
16.0	489.932	480.230	474.204	473.322	473.469
16.5	488.021	478.172	472.146	471.264	471.411
17.0	486.110	476.115	470.088	469.353	469.500
17.5	484.199	474.057	468.030	467.148	467.442
18.0	482.141	471.999	465.825	465.090	465.237
18.5	479.936	469.794	463.473	462.885	462.885
19.0	477.731	467.589	461.268	460.533	460.680
19.5	475.674	465.384	458.916	458.328	458.181
20.0	473.322	463.032	456.564	455.829	455.829
20.5	471.117	460.680	454.212	453.477	453.330
21.0	468.765	458.328	451.713	450.978	450.831
21.5	466.266	455.976	449.362	448.480	448.333
22.0	463.914	453.624	447.010	445.834	445.687
22.5	461.562	451.125	444.511	443.335	443.188
23.0	459.063	448.627	442.159	440.689	440.542
23.5	456.564	446.128	439.660	438.190	437.896
24.0	454.065	443.776	437.161	435.544	435.250
24.5	451.566	441.130	434.809	432.898	432.604
25.0	448.921	438.631	432.163	430.252	429.811
25.5	446.422	436.132	429.664	427.606	427.165
26.0	443.776	433.486	427.018	424.961	424.373
26.5	441.130	430.840	424.373	422.168	421.727

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27.0	438.337	428.341	421.727	419.522	418.934
27.5	435.691	425.695	419.081	416.729	415.994
28.0	432.898	422.903	416.288	413.936	413.201
28.5	430.252	420.257	413.495	410.996	410.408
29.0	427.459	417.611	410.702	408.203	407.468
29.5	424.520	414.818	407.909	405.263	404.528
30.0	421.727	412.025	405.263	402.470	401.735
30.5	418.934	409.232	402.470	399.677	398.796
31.0	416.141	406.439	399.677	396.738	395.856
31.5	413.201	403.499	396.738	393.945	392.916
32.0	410.408	400.706	393.945	391.005	390.123
32.5	407.468	397.767	391.005	388.212	387.183
33.0	404.381	394.827	388.212	385.419	384.243
33.5	401.441	391.887	385.272	382.479	381.303
34.0	398.355	388.800	382.332	379.539	378.363
34.5	395.121	385.860	379.392	376.599	375.423
35.0	392.034	382.773	376.305	373.659	372.484
35.5	388.800	379.686	373.366	370.573	369.544
36.0	385.566	376.452	370.279	367.633	366.457
36.5	382.332	373.366	367.192	364.546	363.370
37.0	379.098	370.279	363.958	361.312	360.283
37.5	375.864	367.045	360.724	358.225	357.049
38.0	372.484	363.811	357.637	354.991	353.815
38.5	369.103	360.577	354.403	351.610	350.581
39.0	365.722	357.343	351.169	348.376	347.201
39.5	362.488	353.962	347.788	344.996	343.820
40.0	359.107	350.728	344.555	341.615	340.439
40.5	355.726	347.348	341.174	338.234	337.058
41.0	352.345	343.967	337.793	334.706	333.530
41.5	348.817	340.586	334.412	331.325	330.002
42.0	345.290	337.058	331.031	327.797	326.621
42.5	341.762	333.677	327.503	324.269	323.093
43.0	338.234	330.149	323.975	320.889	319.566
43.5	334.559	326.474	320.448	317.361	316.038
44.0	330.884	322.946	316.920	313.686	312.510
44.5	327.209	319.272	313.392	310.158	308.835
45.0	323.681	315.744	309.717	306.630	305.307
45.5	319.860	312.069	306.042	303.102	301.632
46.0	316.038	308.394	302.367	299.427	298.104
46.5	312.216	304.719	298.839	295.753	294.430
47.0	308.394	300.897	295.165	292.078	290.755
47.5	304.572	297.222	291.343	288.403	287.080
48.0	300.750	293.401	287.668	284.728	283.405
48.5	296.928	289.726	283.993	281.053	279.730
49.0	293.107	285.904	280.318	277.378	276.055
49.5	289.138	282.229	276.643	273.703	272.380
50.0	285.316	278.407	272.821	270.029	268.706
50.5	281.494	274.732	269.147	266.207	264.884
51.0	277.525	270.910	265.325	262.532	261.209
51.5	273.703	267.089	261.650	258.710	257.387
52.0	269.882	263.267	257.975	255.035	253.565
52.5	266.060	259.445	254.153	251.213	249.890
53.0	262.238	255.623	250.331	247.538	246.215
53.5	258.269	251.948	246.509	243.717	242.394
54.0	254.447	248.126	242.688	240.042	238.719
54.5	250.478	244.305	239.013	236.220	234.897

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55.0	246.509	240.483	235.191	232.545	231.075
55.5	242.688	236.661	231.369	228.723	227.400
56.0	238.866	232.839	227.547	225.048	223.578
56.5	234.897	228.870	223.725	221.226	219.903
57.0	230.928	225.048	219.903	217.405	216.376
57.5	226.959	221.226	216.082	213.730	212.407
58.0	222.990	217.405	212.407	209.908	208.732
58.5	218.875	213.436	208.585	206.086	204.910
59.0	214.759	209.614	204.616	202.411	201.088
59.5	210.790	205.645	200.794	198.589	197.266
60.0	206.674	201.823	197.119	194.767	193.444
60.5	202.705	197.854	193.151	190.946	189.623
61.0	198.736	194.032	189.329	187.124	185.801
61.5	194.620	190.064	185.507	183.302	181.979
62.0	190.652	186.095	181.685	179.480	178.157
62.5	186.536	182.273	177.716	175.658	174.335
63.0	182.567	178.304	173.894	171.689	170.513
63.5	178.451	174.335	169.925	167.867	166.692
64.0	174.482	170.366	166.104	164.046	162.870
64.5	170.513	166.398	162.135	160.224	159.048
65.0	166.398	162.576	158.313	156.402	155.226
65.5	162.429	158.607	154.344	152.433	151.551
66.0	158.313	154.638	150.522	148.611	147.729
66.5	154.344	150.669	146.627	144.716	143.834
67.0	150.228	146.789	142.746	140.894	139.983
67.5	146.186	142.893	138.895	137.057	136.131
68.0	142.129	138.954	135.029	133.250	132.324
68.5	138.072	135.014	131.178	129.414	128.502
69.0	134.059	131.119	127.326	125.621	124.681
69.5	129.987	127.179	123.519	121.814	120.873
70.0	125.930	123.255	119.712	118.036	117.096
70.5	121.829	119.330	115.920	114.273	113.318
71.0	117.845	115.449	112.186	110.525	109.496
71.5	113.891	111.539	108.379	106.747	105.718
72.0	109.908	107.659	104.572	102.970	101.955
72.5	105.939	103.778	100.809	99.192	98.207
73.0	101.970	99.883	97.031	95.399	94.459
73.5	98.016	95.987	93.283	91.651	90.754
74.0	94.091	92.121	89.505	87.961	87.094
74.5	90.181	88.299	85.771	84.272	83.493
75.0	86.286	84.478	82.052	80.597	79.877
75.5	82.405	80.715	78.363	76.966	76.319
76.0	78.554	76.996	74.717	73.394	72.762
76.5	74.791	73.262	71.086	69.808	69.234
77.0	71.013	69.587	67.485	66.265	65.736
77.5	67.279	65.912	63.913	62.752	62.281
78.0	63.560	62.296	60.400	59.297	58.871
78.5	59.871	58.724	56.916	55.902	55.490
79.0	56.225	55.196	53.491	52.536	52.154
79.5	52.609	51.727	50.140	49.272	48.876
80.0	49.052	48.302	46.832	46.039	45.627
80.5	45.583	44.936	43.569	42.864	42.452
81.0	42.187	41.629	40.409	39.762	39.365
81.5	38.836	38.380	37.337	36.719	36.352
82.0	35.573	35.249	34.323	33.765	33.412
82.5	32.398	32.177	31.398	30.913	30.560

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83.0	29.340	29.222	28.576	28.164	27.826
83.5	26.356	26.371	25.842	25.489	25.180
84.0	23.563	23.666	23.225	22.931	22.681
84.5	20.858	21.050	20.741	20.506	20.285
85.0	18.286	18.595	18.345	18.183	18.007
85.5	15.890	16.258	16.096	15.993	15.875
86.0	13.568	14.038	13.964	13.920	13.832
86.5	11.348	11.921	11.951	11.965	11.936
87.0	9.261	9.907	10.040	10.128	10.128
87.5	7.364	7.996	8.202	8.393	8.423
88.0	5.571	6.218	6.468	6.791	6.835
88.5	3.925	4.557	4.807	5.159	5.218
89.0	2.323	2.955	3.072	3.307	3.396
89.5	0.970	1.411	1.352	1.382	1.455
90.0	0.191	0.456	0.353	0.279	0.220
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

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139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).IES****CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	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 : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	183.50	N.A.	13.70
0-30	383.97	N.A.	28.70
0-40	620.78	N.A.	46.30
0-60	1072.67	N.A.	80.10
0-80	1317.98	N.A.	98.40
0-90	1339.95	N.A.	100.00
10-90	1291.98	N.A.	96.40
20-40	437.28	N.A.	32.60
20-50	677.52	N.A.	50.60
40-70	609.69	N.A.	45.50
60-80	245.31	N.A.	18.30
70-80	87.51	N.A.	6.50
80-90	21.97	N.A.	1.60
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1339.95	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	47.96
10-20	135.54
20-30	200.47
30-40	236.81
40-50	240.25
50-60	211.64
60-70	157.80
70-80	87.51
80-90	21.97
90-100	0.01
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	48	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).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

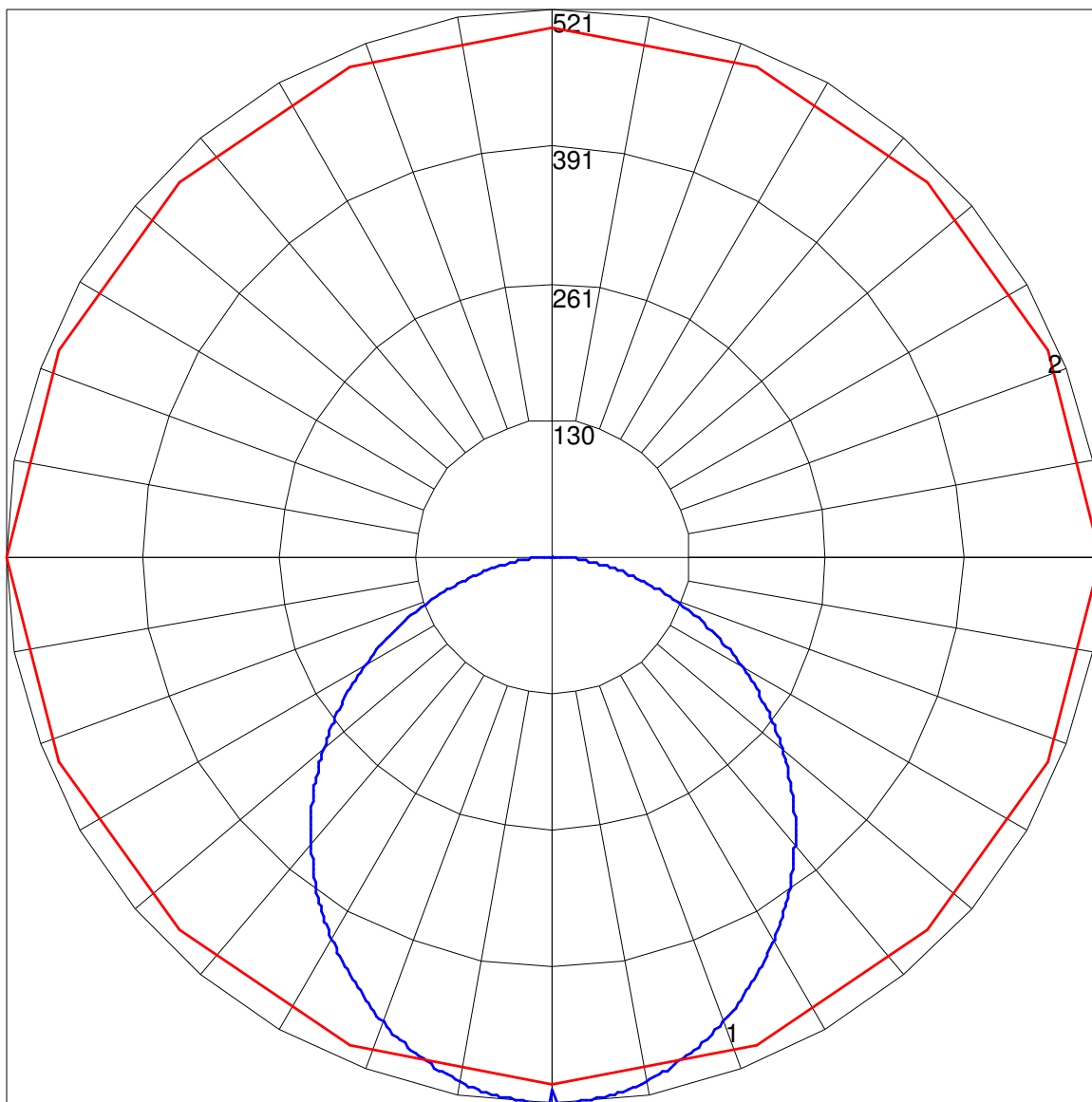
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	13.4	15.0	13.8	15.3	15.7	13.1	14.7	13.5	15.1	15.4
	3H	15.2	16.7	15.6	17.0	17.3	14.9	16.3	15.2	16.6	17.0
	4H	15.8	17.2	16.2	17.6	17.9	15.5	16.9	15.9	17.2	17.6
	6H	16.3	17.5	16.7	17.9	18.3	15.9	17.2	16.3	17.5	17.9
	8H	16.4	17.6	16.8	18.0	18.4	16.0	17.2	16.4	17.6	18.0
	12H	16.5	17.6	16.9	18.0	18.4	16.1	17.3	16.5	17.6	18.1
4H	2H	14.0	15.4	14.4	15.7	16.1	13.8	15.1	14.2	15.5	15.9
	3H	16.0	17.1	16.4	17.5	17.9	15.7	16.9	16.1	17.3	17.7
	4H	16.8	17.8	17.2	18.2	18.6	16.5	17.5	16.9	17.9	18.3
	6H	17.3	18.2	17.8	18.7	19.1	17.0	17.9	17.4	18.3	18.8
	8H	17.5	18.3	17.9	18.8	19.2	17.1	18.0	17.6	18.4	18.9
	12H	17.6	18.3	18.1	18.8	19.3	17.2	18.0	17.7	18.5	19.0
8H	4H	17.0	17.9	17.5	18.3	18.8	16.7	17.6	17.2	18.0	18.5
	6H	17.7	18.4	18.2	18.9	19.4	17.4	18.1	17.9	18.6	19.1
	8H	17.9	18.5	18.4	19.0	19.5	17.6	18.2	18.1	18.7	19.2
	12H	18.1	18.6	18.6	19.1	19.7	17.8	18.3	18.3	18.8	19.4
12H	4H	17.0	17.8	17.5	18.3	18.7	16.8	17.5	17.2	18.0	18.5
	6H	17.7	18.4	18.2	18.8	19.4	17.4	18.1	18.0	18.5	19.1
	8H	18.0	18.6	18.5	19.0	19.6	17.7	18.3	18.2	18.8	19.3

Maximum UGR = 19.7

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-8-L16-835-DMA-30U-70D-EM10WLP-DIM-UNV (EMER MODE ONLY).IES

POLAR GRAPH



Maximum Candela = 521.389 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)