



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 12731921.03
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 4/2/2019
[MANUFAC] WILLIAMS INDOOR
[OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO
[LUMCAT] SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV-4000k
[LUMINAIRE] White formed steel housing, frost/clear lens enclosures
[LAMP] LED
[LAMPCAT] HLM 80 CRI TUNABLE WHITE CCT
[BALLAST] Universal D21CC80UNVPW-C
[OTHER] 24.8 C, 120V, 96.1W, 0.99 PF, 60 Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.
[_SEARCH_SOURCE TYPE] 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	10558
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	96.1
Ballast Factor	1.00
CIE Type	Semi-Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.75 ft
Luminous Width (90-270)	0.35 ft
Luminous Height	0.15 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7020	7336	8322
55	7044	6946	7622
65	6668	5792	6195
75	5390	3799	3894
85	2217	1012	980

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.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	707.353	707.353	707.353	707.353	707.353
0.5	715.422	708.250	704.664	706.755	704.564
1.0	715.422	708.349	704.962	707.254	705.162
1.5	715.521	708.548	705.361	708.150	706.058
2.0	715.521	708.748	706.058	709.246	707.353
2.5	715.621	708.947	706.955	710.640	709.047
3.0	715.721	709.345	707.951	712.433	711.138
3.5	715.820	709.744	709.146	714.426	713.629
4.0	715.920	710.142	710.441	716.717	716.418
4.5	716.019	710.640	712.035	719.207	719.406
5.0	716.219	711.338	713.728	722.096	722.793
5.5	716.318	711.935	715.521	725.084	726.479
6.0	716.518	712.633	717.514	728.471	730.563
6.5	716.717	713.430	719.606	731.958	734.846
7.0	716.916	714.326	721.897	735.743	739.429
7.5	717.215	715.123	724.287	739.827	744.110
8.0	717.514	716.119	726.877	744.011	749.191
8.5	717.912	717.115	729.567	748.394	750.386
9.0	718.211	718.211	732.356	749.390	755.865
9.5	718.609	719.307	735.344	754.072	761.144
10.0	719.008	720.402	738.432	758.853	766.922
10.5	719.307	721.598	741.520	763.933	772.600
11.0	719.705	722.793	744.808	769.313	774.891
11.5	720.203	724.088	748.095	773.496	781.166
12.0	720.602	725.383	751.581	776.485	787.442
12.5	721.100	726.778	751.880	782.163	793.718
13.0	721.498	728.172	755.068	788.040	800.292
13.5	721.996	729.567	758.853	793.817	807.066
14.0	722.295	731.061	762.638	799.993	813.939
14.5	722.694	732.456	766.623	806.169	821.211
15.0	723.092	733.950	768.814	812.445	828.284
15.5	723.490	735.444	772.002	818.820	835.655
16.0	723.889	737.038	775.190	825.395	843.026
16.5	724.287	738.532	779.473	832.368	850.796
17.0	724.586	740.026	783.856	839.042	858.267
17.5	724.885	741.520	788.040	845.915	865.838
18.0	725.184	743.114	792.423	853.087	873.707
18.5	725.383	744.608	796.806	860.060	881.875
19.0	725.582	746.103	801.288	867.232	890.044
19.5	725.782	747.597	805.472	874.305	898.013
20.0	725.881	748.991	809.955	881.178	906.281
20.5	726.080	750.386	814.138	888.051	914.349
21.0	726.080	751.781	818.322	894.825	922.318
21.5	726.080	753.175	822.606	901.599	930.586
22.0	726.080	754.470	826.690	908.273	938.356
22.5	726.080	755.765	830.674	914.847	946.126
23.0	725.981	756.960	834.758	921.223	953.697
23.5	725.881	756.263	838.444	927.897	960.769
24.0	725.682	755.367	842.329	934.073	967.742
24.5	725.383	756.462	846.015	940.249	974.615
25.0	725.184	757.459	849.501	946.325	980.991
25.5	724.785	758.355	853.286	952.202	987.665
26.0	724.387	759.152	856.773	957.880	993.940
26.5	723.889	759.849	860.060	963.160	1000.116

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	723.391	760.547	863.547	968.340	1006.093
27.5	722.694	761.045	866.336	973.520	1012.070
28.0	721.996	761.543	869.324	978.500	1018.047
28.5	721.199	761.941	872.113	983.082	1023.027
29.0	720.203	762.041	874.604	987.565	1028.008
29.5	719.207	762.140	876.895	991.749	1032.989
30.0	718.111	762.140	879.186	995.833	1037.969
30.5	716.916	761.842	880.879	999.120	1041.954
31.0	715.621	761.642	882.971	1003.105	1046.934
31.5	714.226	761.144	884.465	1006.093	1050.919
32.0	712.732	760.646	885.860	1009.081	1053.907
32.5	711.138	760.049	886.956	1012.070	1057.892
33.0	709.445	759.252	888.051	1014.062	1059.884
33.5	707.652	759.451	888.848	1017.050	1062.873
34.0	705.759	759.152	889.247	1018.047	1064.865
34.5	703.767	757.857	889.645	1020.039	1066.857
35.0	701.675	756.562	889.745	1021.035	1067.853
35.5	699.484	756.960	889.645	1022.031	1068.849
36.0	697.193	755.367	889.446	1022.031	1069.845
36.5	694.802	753.574	888.848	1022.031	1070.842
37.0	692.312	751.681	888.051	1022.031	1070.842
37.5	689.722	749.589	887.155	1022.031	1070.842
38.0	686.932	747.298	885.860	1021.035	1069.845
38.5	684.143	744.907	884.565	1020.039	1068.849
39.0	681.155	742.317	882.971	1019.043	1067.853
39.5	678.067	739.628	881.079	1017.050	1066.857
40.0	674.780	736.739	878.987	1015.058	1063.869
40.5	671.492	733.751	876.596	1013.066	1061.876
41.0	668.106	730.663	874.006	1010.078	1058.888
41.5	664.619	727.375	871.416	1008.085	1055.900
42.0	661.033	723.889	868.328	1004.101	1052.911
42.5	657.248	720.402	865.041	1001.112	1048.927
43.0	653.363	716.717	861.455	997.128	1044.942
43.5	649.378	712.832	857.669	993.044	1040.958
44.0	645.195	708.847	853.585	988.462	1035.977
44.5	640.911	704.763	849.402	983.780	1030.996
45.0	636.628	700.480	844.720	978.600	1026.016
45.5	632.145	695.997	840.137	973.021	1020.039
46.0	627.563	691.415	834.958	967.443	1014.062
46.5	622.981	686.634	829.877	961.666	1008.085
47.0	618.100	681.753	824.399	955.390	1001.112
47.5	613.219	676.573	818.721	948.915	994.339
48.0	608.238	671.393	812.943	942.042	987.366
48.5	603.058	665.914	806.867	934.969	980.094
49.0	597.878	660.336	800.790	927.697	972.225
49.5	592.400	654.658	794.116	920.027	964.554
50.0	587.020	648.781	787.442	912.158	956.087
50.5	581.342	642.804	780.569	904.189	947.620
51.0	575.665	636.727	773.496	895.921	938.755
51.5	569.887	630.452	767.221	887.255	929.491
52.0	564.010	623.977	762.340	878.289	920.027
52.5	557.933	617.402	754.570	869.324	910.365
53.0	551.857	610.728	750.286	859.961	900.403
53.5	545.681	603.955	741.919	850.398	890.044
54.0	539.306	596.982	733.452	840.337	879.584
54.5	532.930	590.009	724.885	830.375	868.627

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55.0	526.456	582.837	716.019	820.016	857.570
55.5	519.782	575.665	707.054	809.357	846.413
56.0	512.908	568.293	697.890	798.599	834.758
56.5	505.935	560.723	688.626	787.741	823.303
57.0	499.062	552.953	679.163	779.373	811.748
57.5	491.989	545.183	669.600	768.814	799.894
58.0	484.718	537.214	659.738	757.160	787.542
58.5	477.546	529.145	649.677	745.306	779.274
59.0	470.274	520.877	639.517	734.149	766.922
59.5	463.201	512.510	629.157	725.084	754.271
60.0	455.929	504.043	618.797	712.633	741.421
60.5	448.658	495.576	608.138	700.281	728.670
61.0	441.386	487.208	597.480	687.729	719.307
61.5	433.915	478.741	586.522	675.078	705.959
62.0	426.145	470.174	575.665	662.328	692.411
62.5	418.076	461.508	564.707	649.378	678.665
63.0	410.008	452.742	553.550	636.329	665.018
63.5	401.840	443.876	542.493	623.280	650.872
64.0	393.572	434.911	531.337	610.131	636.827
64.5	385.304	425.846	520.180	597.081	622.881
65.0	376.936	416.782	509.023	584.032	609.035
65.5	368.469	407.617	497.767	570.783	594.989
66.0	360.002	398.353	486.312	557.734	580.944
66.5	351.435	388.989	474.756	544.585	566.998
67.0	342.869	379.526	463.201	531.237	552.953
67.5	334.103	369.963	451.547	517.690	538.708
68.0	325.337	360.301	439.892	503.943	524.364
68.5	316.471	350.439	427.938	489.898	509.721
69.0	307.506	340.677	415.686	475.753	494.978
69.5	298.541	330.815	403.433	461.508	480.036
70.0	289.476	320.854	390.982	447.164	465.194
70.5	280.411	310.793	378.530	432.620	450.152
71.0	271.247	300.732	366.078	418.176	435.110
71.5	262.082	290.572	353.428	403.732	420.069
72.0	252.818	280.311	340.777	389.189	405.027
72.5	243.455	269.952	328.026	374.645	390.185
73.0	234.091	259.692	315.475	360.301	375.243
73.5	224.827	249.431	302.924	346.056	360.301
74.0	215.463	239.370	290.572	331.811	345.458
74.5	206.398	229.310	278.220	317.766	330.616
75.0	197.234	219.249	265.967	303.621	315.873
75.5	188.169	209.188	253.814	289.575	300.931
76.0	179.005	199.127	241.662	275.630	286.388
76.5	169.940	189.165	229.808	261.883	271.844
77.0	160.975	179.304	217.954	248.236	257.500
77.5	152.109	169.542	206.299	234.689	243.355
78.0	143.244	159.879	194.644	221.241	229.409
78.5	134.378	150.316	182.989	207.992	215.563
79.0	125.712	140.753	171.534	194.943	201.816
79.5	117.145	131.489	160.078	181.993	188.369
80.0	108.778	122.225	149.021	169.243	175.319
80.5	100.510	113.260	137.964	156.891	162.469
81.0	92.341	104.295	127.106	144.738	149.818
81.5	84.273	95.529	116.547	132.784	137.466
82.0	76.304	86.962	106.088	121.030	125.413
82.5	69.132	78.495	95.927	109.674	113.559

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83.0	61.860	70.327	86.066	98.717	102.203
83.5	54.688	62.457	76.603	88.158	91.146
84.0	47.615	54.887	67.538	77.798	80.388
84.5	40.841	47.615	58.871	67.936	70.128
85.0	34.466	40.543	50.603	58.573	60.266
85.5	28.290	33.868	42.834	49.707	51.002
86.0	22.513	27.593	35.662	41.539	42.336
86.5	17.034	21.915	28.987	34.068	34.466
87.0	12.053	16.635	23.011	27.294	27.095
87.5	7.770	12.053	17.731	20.919	20.321
88.0	4.084	8.069	12.651	15.241	14.643
88.5	0.996	4.781	8.567	11.057	11.256
89.0	0.000	2.789	5.977	8.268	8.268
89.5	0.000	1.295	4.383	6.475	5.578
90.0	0.000	2.291	4.881	6.973	5.678
90.5	0.000	4.682	6.276	6.176	5.877
91.0	0.996	8.866	11.555	11.256	11.057
91.5	3.387	13.846	17.632	18.528	17.632
92.0	6.176	19.126	23.808	25.501	25.003
92.5	9.563	25.103	30.382	32.075	31.478
93.0	13.448	35.761	36.458	39.248	38.650
93.5	17.831	57.576	42.236	45.922	45.822
94.0	22.513	81.982	48.810	52.297	52.297
94.5	27.593	110.770	56.182	58.871	58.871
95.0	33.171	149.818	64.749	66.342	66.044
95.5	39.048	186.376	75.407	74.710	74.013
96.0	45.324	214.567	98.717	84.074	82.978
96.5	52.098	247.838	148.424	94.334	92.740
97.0	59.270	284.894	210.981	105.291	103.398
97.5	66.741	315.276	277.024	120.432	114.655
98.0	73.813	340.677	361.297	158.086	127.007
98.5	81.782	364.983	463.500	227.118	155.197
99.0	90.050	395.763	565.106	304.318	217.157
99.5	98.816	427.938	635.333	383.112	299.736
100.0	107.781	453.638	693.507	484.618	379.925
100.5	116.846	479.936	745.007	617.303	470.174
101.0	126.210	503.146	793.319	767.420	592.898
101.5	135.773	528.647	846.114	909.468	747.198
102.0	145.634	553.152	889.247	1007.089	922.119
102.5	155.695	574.469	933.973	1085.784	1071.838
103.0	166.055	596.284	985.872	1158.501	1171.451
103.5	176.515	618.498	1032.989	1218.269	1256.122
104.0	187.074	641.110	1065.861	1268.076	1331.828
104.5	197.732	666.113	1088.772	1321.867	1389.604
105.0	208.690	692.610	1117.660	1377.650	1435.426
105.5	219.547	717.016	1155.513	1424.468	1485.232
106.0	230.505	740.724	1195.358	1469.294	1541.016
106.5	241.562	764.033	1234.207	1519.101	1590.822
107.0	252.719	785.948	1267.080	1569.904	1633.656
107.5	263.676	806.568	1293.975	1609.749	1678.482
108.0	274.434	826.989	1314.894	1639.633	1729.285
108.5	285.292	845.616	1336.809	1663.540	1776.103
109.0	296.150	863.248	1361.712	1688.443	1812.960
109.5	307.107	880.481	1392.592	1718.327	1841.848
110.0	317.766	897.614	1423.472	1751.200	1865.755
110.5	328.225	914.748	1450.368	1783.076	1890.658

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111.0	338.486	931.582	1470.290	1814.952	1917.554
111.5	348.746	948.218	1489.217	1843.840	1947.438
112.0	359.105	963.857	1508.143	1870.735	1976.325
112.5	369.664	978.998	1527.070	1891.654	2004.217
113.0	380.223	993.641	1545.996	1908.588	2029.120
113.5	390.683	1007.089	1563.927	1925.523	2052.031
114.0	400.943	1020.039	1581.857	1942.457	2069.962
114.5	411.004	1032.989	1597.795	1963.376	2085.900
115.0	421.065	1045.938	1616.722	1987.283	2098.850
115.5	431.126	1057.892	1636.644	2010.194	2112.795
116.0	440.888	1069.845	1655.571	2028.124	2128.733
116.5	450.351	1080.803	1674.497	2042.070	2149.652
117.0	459.615	1091.760	1692.428	2054.024	2170.571
117.5	468.780	1100.726	1708.366	2066.973	2189.498
118.0	478.044	1109.691	1724.304	2078.927	2202.447
118.5	487.108	1118.656	1738.250	2091.877	2211.412
119.0	495.974	1126.625	1751.200	2103.830	2221.374
119.5	504.640	1133.598	1763.153	2114.788	2231.335
120.0	512.908	1140.571	1772.118	2125.745	2242.292
120.5	520.877	1145.551	1781.084	2134.710	2251.258
121.0	528.547	1151.528	1788.056	2143.675	2260.223
121.5	536.018	1156.509	1795.029	2153.637	2267.196
122.0	543.390	1161.490	1800.010	2162.602	2274.169
122.5	550.761	1165.474	1803.995	2171.567	2280.146
123.0	558.033	1169.459	1806.983	2179.536	2286.122
123.5	565.106	1174.439	1809.971	2185.513	2292.099
124.0	571.979	1177.428	1811.964	2191.490	2299.072
124.5	578.653	1180.416	1813.956	2196.470	2305.049
125.0	585.327	1182.408	1814.952	2200.455	2310.029
125.5	591.901	1184.401	1815.948	2203.443	2315.010
126.0	598.376	1186.393	1816.944	2205.436	2318.995
126.5	604.851	1186.393	1817.940	2207.428	2320.987
127.0	611.127	1187.389	1817.940	2207.428	2322.979
127.5	617.203	1187.389	1817.940	2206.432	2323.975
128.0	622.981	1187.389	1817.940	2205.436	2322.979
128.5	628.559	1186.393	1816.944	2203.443	2322.979
129.0	634.038	1185.397	1815.948	2200.455	2320.987
129.5	639.317	1184.401	1813.956	2197.467	2317.999
130.0	644.497	1183.404	1811.964	2193.482	2314.014
130.5	649.378	1183.404	1808.975	2188.501	2310.029
131.0	654.160	1181.412	1805.987	2183.521	2305.049
131.5	658.842	1180.416	1801.006	2177.544	2299.072
132.0	663.424	1178.424	1797.022	2172.563	2293.095
132.5	667.807	1177.428	1792.041	2165.590	2286.122
133.0	671.990	1176.432	1786.064	2158.617	2279.149
133.5	676.174	1174.439	1780.087	2151.645	2271.180
134.0	680.159	1172.447	1773.114	2143.675	2263.211
134.5	684.044	1170.455	1766.142	2135.706	2254.246
135.0	687.729	1168.463	1759.169	2126.741	2245.281
135.5	691.216	1166.470	1752.196	2117.776	2235.320
136.0	694.503	1163.482	1744.227	2108.811	2225.358
136.5	697.790	1159.497	1735.261	2098.850	2215.397
137.0	700.978	1156.509	1727.292	2088.888	2204.439
137.5	704.066	1152.524	1719.323	2078.927	2193.482
138.0	707.054	1148.540	1710.358	2067.969	2181.528
138.5	709.943	1144.555	1701.393	2057.012	2169.575

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	712.633	1139.575	1691.432	2046.055	2157.621
139.5	715.223	1134.594	1681.470	2034.101	2144.672
140.0	717.713	1129.613	1671.509	2022.147	2130.726
140.5	720.004	1124.633	1661.548	2009.198	2117.776
141.0	722.295	1119.652	1650.590	1996.248	2103.830
141.5	724.387	1113.675	1639.633	1982.302	2088.888
142.0	726.280	1106.702	1628.675	1968.356	2074.942
142.5	728.172	1100.726	1617.718	1954.410	2060.000
143.0	729.965	1094.749	1605.764	1940.465	2045.058
143.5	731.659	1087.776	1594.807	1925.523	2030.116
144.0	733.253	1080.803	1581.857	1910.581	2015.174
144.5	734.747	1074.826	1568.907	1895.639	1999.236
145.0	736.241	1067.853	1556.954	1879.701	1983.298
145.5	737.735	1061.876	1544.004	1863.762	1968.356
146.0	739.130	1054.903	1530.058	1848.820	1952.418
146.5	740.325	1047.931	1517.109	1831.886	1935.484
147.0	741.520	1040.958	1504.159	1815.948	1918.550
147.5	742.716	1033.985	1491.209	1799.014	1900.619
148.0	743.911	1027.012	1477.263	1783.076	1883.685
148.5	744.907	1020.039	1464.314	1765.145	1864.759
149.0	746.003	1013.066	1451.364	1748.211	1846.828
149.5	746.999	1006.093	1437.418	1731.277	1827.902
150.0	747.796	998.124	1423.472	1713.347	1808.975
150.5	748.693	991.550	1409.526	1695.416	1790.049
151.0	749.490	984.278	1396.577	1677.486	1770.126
151.5	750.286	977.205	1382.631	1659.555	1751.200
152.0	751.083	970.232	1367.689	1640.629	1731.277
152.5	751.880	963.160	1353.743	1622.699	1710.358
153.0	752.777	956.486	1339.797	1603.772	1689.439
153.5	753.673	949.513	1324.855	1584.846	1668.521
154.0	754.570	942.739	1310.909	1565.919	1647.602
154.5	755.466	935.965	1295.967	1545.996	1626.683
155.0	756.263	929.391	1281.025	1527.070	1604.768
155.5	757.060	922.717	1266.083	1507.147	1583.849
156.0	757.757	916.342	1251.141	1487.225	1561.935
156.5	758.455	910.365	1236.199	1467.302	1540.020
157.0	759.252	904.288	1220.261	1447.379	1519.101
157.5	760.148	898.610	1204.323	1426.461	1497.186
158.0	760.845	892.833	1188.385	1406.538	1475.271
158.5	761.543	887.255	1172.447	1386.615	1454.352
159.0	762.340	881.776	1157.505	1365.697	1432.437
159.5	762.937	876.397	1141.567	1345.774	1410.523
160.0	763.734	871.316	1125.629	1324.855	1387.611
160.5	764.431	866.137	1109.691	1303.936	1365.697
161.0	765.228	861.156	1093.753	1283.018	1343.782
161.5	765.926	856.076	1078.811	1262.099	1321.867
162.0	766.523	851.294	1062.873	1241.180	1299.952
162.5	767.221	846.712	1046.934	1220.261	1277.041
163.0	767.818	842.329	1031.992	1199.343	1254.130
163.5	768.416	837.846	1016.054	1178.424	1231.219
164.0	769.014	833.563	1001.112	1156.509	1208.308
164.5	769.611	829.578	986.469	1135.590	1185.397
165.0	770.209	825.893	971.926	1114.671	1163.482
165.5	770.807	822.207	957.781	1093.753	1140.571
166.0	771.404	818.721	944.333	1072.834	1117.660
166.5	772.102	815.334	930.885	1052.911	1095.745

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	772.600	812.146	918.135	1031.992	1072.834
167.5	773.197	808.959	906.181	1012.070	1050.919
168.0	773.696	805.771	894.626	992.546	1029.004
168.5	774.194	802.683	883.768	973.420	1007.089
169.0	774.692	799.894	873.508	954.693	985.971
169.5	775.190	797.304	863.347	937.061	965.550
170.0	775.588	794.714	853.784	920.226	945.827
170.5	775.987	792.522	844.620	904.488	927.399
171.0	776.285	790.132	836.153	890.143	909.867
171.5	776.584	787.841	828.184	876.596	893.431
172.0	776.684	785.848	821.012	863.746	878.987
172.5	776.784	783.956	814.437	851.493	864.842
173.0	776.883	782.163	808.261	840.436	851.593
173.5	776.983	780.569	802.484	830.176	839.639
174.0	777.082	778.875	797.005	820.514	828.383
174.5	777.082	777.381	792.124	812.445	818.322
175.0	777.082	776.086	787.542	804.874	809.158
175.5	777.082	774.791	783.657	798.001	800.990
176.0	776.983	773.696	780.170	791.725	793.817
176.5	776.883	772.799	776.883	786.346	787.343
177.0	776.684	771.902	774.194	781.565	781.764
177.5	776.584	771.106	771.803	777.580	777.282
178.0	776.485	770.508	770.010	774.692	773.596
178.5	776.485	770.209	768.615	772.002	770.707
179.0	776.385	769.910	767.519	770.408	768.715
179.5	776.385	769.611	767.021	769.412	767.519
180.0	769.313	769.313	769.313	769.313	769.313

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	289.80	N.A.	2.70
0-30	684.21	N.A.	6.50
0-40	1239.73	N.A.	11.70
0-60	2511.66	N.A.	23.80
0-80	3282.63	N.A.	31.10
0-90	3344.99	N.A.	31.70
10-90	3275.82	N.A.	31.00
20-40	949.93	N.A.	9.00
20-50	1595.52	N.A.	15.10
40-70	1766.17	N.A.	16.70
60-80	770.97	N.A.	7.30
70-80	276.73	N.A.	2.60
80-90	62.36	N.A.	0.60
90-110	1163.14	N.A.	11.00
90-120	2619.73	N.A.	24.80
90-130	4101.9	N.A.	38.90
90-150	6283.65	N.A.	59.50
90-180	7212.96	N.A.	68.30
110-180	6049.82	N.A.	57.30
0-180	10557.95	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	69.18
10-20	220.62
20-30	394.41
30-40	555.52
40-50	645.59
50-60	626.34
60-70	494.24
70-80	276.73
80-90	62.36
90-100	142.49
100-110	1020.64
110-120	1456.59
120-130	1482.17
130-140	1259.69
140-150	922.05
150-160	572.28
160-170	279.47
170-180	77.56

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

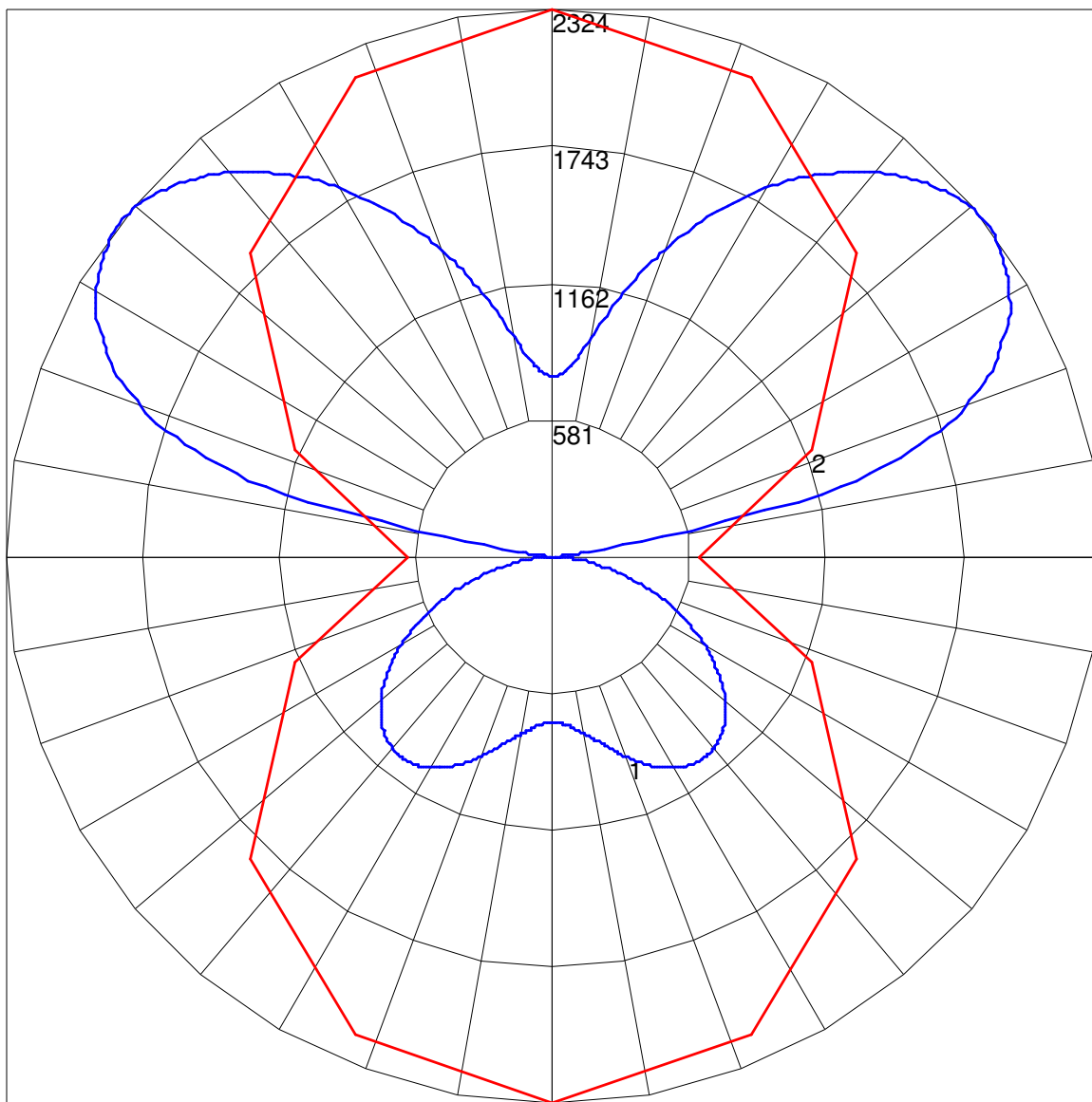
Effective Floor Cavity Reflectance 0.20

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	103	103	103	103	92	92	92	92	73	73	73	56	56	56	39	39	39	32
1	93	89	85	82	84	80	77	74	64	61	59	48	47	45	34	33	32	26
2	85	77	71	66	76	70	64	60	55	51	48	42	39	37	30	28	27	21
3	77	67	60	54	69	61	54	49	48	44	40	37	34	31	26	24	22	17
4	70	59	51	45	63	53	47	41	42	37	34	32	29	26	23	21	19	14
5	64	52	44	38	57	47	40	35	38	32	29	29	25	22	20	18	16	12
6	59	47	39	33	52	42	35	30	34	28	25	26	22	19	18	16	14	10
7	54	42	34	28	48	38	31	26	30	25	21	23	19	17	16	14	12	9
8	50	38	30	25	45	34	27	23	27	22	19	21	17	15	15	12	11	8
9	46	34	27	22	41	31	24	20	25	20	16	19	15	13	14	11	9	7
10	43	31	24	19	39	28	22	18	23	18	15	17	14	11	12	10	8	6

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-L27-8TW-DMA-70U-30D-DIM-UNV_4000K.IES

POLAR GRAPH



Maximum Candela = 2323.975 Located At Horizontal Angle = 90, Vertical Angle = 127.5

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (127.5) (Through Max. Cd.)