



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] GEN FROM 12731921.05  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 04-19-2021  
 [MANUFAC] WILLIAMS INDOOR  
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.64836  
 [LUMINAIRE] 4' SUSPENDED LINEAR DIRECT/INDIRECT LED  
 [MORE] WITH FROSTED ACRYLIC LENS  
 [LUMCAT] SDI5-4-P8-8TW-DMA-30U-70D-POE PR 4000K  
 [LAMPCAT] HLM TUNABLE WHITE CCT, 80 CRI  
 [ \_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	2942
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	25.1
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.54
Spacing Criterion (Diagonal)	1.54
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.40 ft
Luminous Height	0.15 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4137	3754	3902
55	3936	3358	3424
65	3577	2730	2708
75	2874	1795	1711
85	1298	510	459

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	609.060	609.060	609.060	609.060	609.060
<b>0.5</b>	623.988	612.345	605.179	604.283	604.881
<b>1.0</b>	623.988	612.345	605.179	604.283	604.881
<b>1.5</b>	623.988	612.345	605.179	604.582	604.881
<b>2.0</b>	623.988	612.046	605.179	604.582	605.179
<b>2.5</b>	623.690	612.046	605.179	604.881	605.478
<b>3.0</b>	623.690	612.046	605.179	605.179	605.776
<b>3.5</b>	623.391	611.747	605.478	605.478	606.075
<b>4.0</b>	623.093	611.449	605.478	605.776	606.672
<b>4.5</b>	622.794	611.449	605.478	606.075	607.269
<b>5.0</b>	622.496	611.150	605.478	606.672	607.866
<b>5.5</b>	622.197	610.852	605.776	606.970	608.463
<b>6.0</b>	621.600	610.553	605.776	607.568	609.060
<b>6.5</b>	621.301	610.255	606.075	608.165	609.657
<b>7.0</b>	620.704	609.956	606.075	608.762	610.553
<b>7.5</b>	620.107	609.657	606.373	609.359	611.449
<b>8.0</b>	619.510	609.359	606.373	609.956	612.046
<b>8.5</b>	618.913	608.762	606.672	610.553	612.942
<b>9.0</b>	618.017	608.463	606.970	611.449	613.837
<b>9.5</b>	617.420	607.866	606.970	612.046	614.733
<b>10.0</b>	616.524	607.568	607.269	612.643	615.629
<b>10.5</b>	615.629	606.970	607.568	613.539	616.823
<b>11.0</b>	614.434	606.373	607.568	614.434	617.719
<b>11.5</b>	613.539	605.776	607.866	615.330	618.614
<b>12.0</b>	612.643	605.179	607.866	615.927	619.809
<b>12.5</b>	611.449	604.283	607.866	616.823	620.704
<b>13.0</b>	610.255	603.686	608.165	617.420	621.898
<b>13.5</b>	609.060	602.791	608.165	618.316	623.093
<b>14.0</b>	607.866	601.895	608.165	619.211	624.287
<b>14.5</b>	606.672	600.999	607.866	619.809	625.481
<b>15.0</b>	605.478	600.104	607.866	620.704	626.377
<b>15.5</b>	603.985	599.208	607.866	621.301	627.571
<b>16.0</b>	602.791	598.014	607.568	621.898	628.765
<b>16.5</b>	601.298	597.118	607.269	622.496	629.960
<b>17.0</b>	600.104	595.924	606.970	623.093	630.855
<b>17.5</b>	598.611	594.730	606.672	623.690	631.751
<b>18.0</b>	597.118	593.535	606.373	624.287	632.647
<b>18.5</b>	595.327	592.043	606.075	624.884	633.244
<b>19.0</b>	593.834	590.848	605.478	625.183	634.139
<b>19.5</b>	592.341	589.355	604.881	625.780	634.736
<b>20.0</b>	590.550	588.161	604.283	625.780	635.334
<b>20.5</b>	588.758	586.668	603.686	626.078	635.632
<b>21.0</b>	586.967	585.176	603.089	626.377	636.229
<b>21.5</b>	585.176	583.981	602.492	626.377	636.528
<b>22.0</b>	583.384	582.489	601.895	626.377	636.826
<b>22.5</b>	581.294	580.996	601.298	626.377	637.125
<b>23.0</b>	579.503	579.503	600.701	626.377	637.423
<b>23.5</b>	577.413	577.712	600.104	626.377	637.722
<b>24.0</b>	575.323	576.219	599.506	626.377	637.722
<b>24.5</b>	573.532	574.428	598.611	626.377	638.021
<b>25.0</b>	571.143	572.935	598.014	626.078	638.021
<b>25.5</b>	569.053	571.143	597.118	625.780	638.021
<b>26.0</b>	566.964	569.352	596.222	625.780	637.722
<b>26.5</b>	564.874	567.859	595.327	625.183	637.722

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

27.0	562.485	565.769	594.132	624.884	637.423
27.5	560.395	563.978	592.938	624.287	637.125
28.0	558.007	562.187	591.744	623.690	636.826
28.5	555.618	560.097	590.550	623.093	636.229
29.0	553.230	558.305	589.355	622.197	635.632
29.5	550.841	556.215	587.863	621.301	635.035
30.0	548.154	554.126	586.370	620.406	634.139
30.5	545.766	552.036	584.877	619.510	633.244
31.0	543.377	549.647	583.384	618.316	632.348
31.5	540.690	547.557	581.892	617.420	631.452
32.0	538.302	545.169	580.100	616.226	630.258
32.5	535.615	542.780	578.309	615.032	629.064
33.0	532.629	540.392	576.517	613.539	627.870
33.5	529.942	538.003	574.726	612.345	626.675
34.0	526.957	535.316	572.935	610.852	625.183
34.5	523.971	532.629	570.845	609.060	623.690
35.0	520.985	529.942	568.755	607.269	622.197
35.5	517.701	527.255	566.366	605.478	620.406
36.0	514.716	524.568	564.277	603.686	618.614
36.5	511.432	521.583	561.589	601.298	616.524
37.0	507.849	518.597	559.201	599.208	614.434
37.5	504.565	515.611	556.514	596.521	612.046
38.0	500.982	512.626	553.827	594.132	609.359
38.5	497.698	509.342	550.841	591.147	606.672
39.0	494.115	506.058	547.856	588.460	603.686
39.5	490.532	502.475	544.572	585.176	600.701
40.0	486.950	499.191	541.586	582.190	597.118
40.5	483.367	495.608	538.003	578.607	593.834
41.0	479.486	492.025	534.719	575.025	590.251
41.5	475.605	488.443	531.136	571.442	586.370
42.0	471.723	484.561	527.554	567.561	582.489
42.5	467.543	480.680	523.673	563.679	578.309
43.0	463.662	476.799	519.791	559.500	574.129
43.5	459.482	472.917	515.611	555.320	569.651
44.0	455.302	468.738	511.432	551.140	565.471
44.5	451.123	464.558	507.252	546.662	560.694
45.0	446.644	460.378	503.072	542.183	556.215
45.5	442.166	456.198	498.594	537.406	551.438
46.0	437.688	451.720	494.115	532.629	546.662
46.5	432.911	447.241	489.637	527.852	541.586
47.0	428.432	442.763	484.860	522.777	536.511
47.5	423.655	437.986	480.083	517.701	531.136
48.0	418.878	433.508	475.306	512.327	526.061
48.5	414.400	428.731	470.230	507.252	520.388
49.0	409.324	423.954	465.453	501.878	515.014
49.5	404.547	419.177	460.079	496.205	509.342
50.0	399.771	414.101	455.004	490.831	503.669
50.5	394.994	409.324	449.928	485.158	497.698
51.0	389.918	404.249	444.554	479.486	491.727
51.5	385.141	399.173	439.180	473.813	485.756
52.0	380.364	394.396	433.806	467.842	479.486
52.5	375.587	389.321	428.134	461.871	473.515
53.0	370.512	383.947	422.461	455.900	467.245
53.5	365.436	378.871	417.087	449.928	460.677
54.0	360.361	373.796	411.414	443.659	454.407
54.5	355.285	368.422	405.443	437.389	447.839

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

55.0	349.911	363.048	399.771	431.119	441.569
55.5	344.836	357.674	393.799	424.849	435.000
56.0	339.760	352.598	388.127	418.580	428.432
56.5	334.386	346.926	382.156	412.011	421.565
57.0	329.012	341.552	376.184	405.443	414.997
57.5	323.638	336.177	369.915	398.875	408.429
58.0	317.965	330.505	363.943	392.307	401.860
58.5	312.591	325.131	357.674	385.738	394.994
59.0	307.217	319.458	351.703	378.871	388.127
59.5	301.545	313.786	345.433	372.303	381.260
60.0	296.171	308.113	339.163	365.436	374.393
60.5	290.587	302.440	332.893	358.569	367.228
61.0	285.124	296.738	326.325	351.703	360.062
61.5	279.451	290.946	320.055	344.836	352.897
62.0	273.838	285.124	313.786	337.969	345.731
62.5	268.166	279.332	307.217	331.102	338.566
63.0	262.583	273.510	300.649	323.937	331.401
63.5	257.000	267.598	294.110	317.070	323.937
64.0	251.387	261.687	287.512	309.904	316.771
64.5	245.833	255.805	280.944	302.739	309.307
65.0	240.131	249.804	274.346	295.573	301.843
65.5	234.458	243.863	267.718	288.438	294.618
66.0	228.786	237.952	261.120	281.243	287.184
66.5	223.113	231.980	254.522	274.047	279.810
67.0	217.381	226.039	247.804	266.792	272.405
67.5	211.619	220.068	241.146	259.597	265.031
68.0	205.886	214.127	234.518	252.312	257.656
68.5	200.124	208.096	227.830	245.027	250.252
69.0	194.362	202.095	221.232	237.832	242.997
69.5	188.510	196.034	214.515	230.577	235.742
70.0	182.629	190.003	207.887	223.352	228.338
70.5	176.777	184.002	201.199	216.097	221.023
71.0	170.985	177.911	194.481	208.902	213.619
71.5	165.133	171.851	187.823	201.677	206.274
72.0	159.281	165.760	181.136	194.481	198.900
72.5	153.429	159.699	174.478	187.286	191.555
73.0	147.578	153.638	167.820	180.121	184.211
73.5	141.756	147.608	161.162	173.015	176.866
74.0	135.994	141.577	154.564	165.909	169.462
74.5	130.231	135.576	148.055	158.863	162.237
75.0	124.499	129.664	141.577	151.817	154.982
75.5	118.737	123.693	135.038	144.891	147.817
76.0	113.214	117.782	128.589	137.994	140.651
76.5	107.690	111.930	122.200	131.097	133.516
77.0	102.197	106.138	115.811	124.290	126.499
77.5	96.763	100.435	109.601	117.543	119.662
78.0	91.299	94.792	103.391	110.885	112.855
78.5	85.895	89.180	97.241	104.376	106.227
79.0	80.611	83.686	91.210	97.897	99.599
79.5	75.386	78.222	85.239	91.538	93.091
80.0	70.161	72.878	79.357	85.209	86.702
80.5	65.086	67.624	73.595	79.058	80.462
81.0	59.951	62.399	67.892	72.998	74.281
81.5	54.995	57.293	62.339	67.056	68.251
82.0	50.098	52.337	56.935	61.264	62.369
82.5	45.321	47.441	51.681	55.622	56.637

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

83.0	40.604	42.724	46.575	50.188	51.054
83.5	36.066	38.126	41.619	44.844	45.650
84.0	31.737	33.707	36.842	39.768	40.455
84.5	27.587	29.438	32.304	34.931	35.469
85.0	23.616	25.378	28.005	30.304	30.752
85.5	19.914	21.526	23.944	25.945	26.273
86.0	16.271	17.914	20.153	21.884	22.093
86.5	12.987	14.600	16.660	18.152	18.272
87.0	10.061	11.524	13.435	14.779	14.838
87.5	7.464	8.867	10.569	11.823	11.793
88.0	5.255	6.568	8.151	9.225	9.106
88.5	3.523	4.747	6.001	6.688	6.389
89.0	2.209	3.224	3.971	4.389	4.001
89.5	1.403	1.970	2.388	2.657	2.329
90.0	1.105	1.582	1.941	2.150	2.000
90.5	2.329	3.792	3.553	2.896	2.150
91.0	2.896	5.643	5.135	4.478	3.762
91.5	3.583	7.972	6.986	6.091	5.314
92.0	4.419	10.629	9.255	7.852	7.016
92.5	5.404	13.226	12.360	10.032	8.957
93.0	6.479	15.525	16.122	12.898	11.435
93.5	7.733	18.003	20.362	16.600	14.719
94.0	9.136	20.541	25.109	21.078	18.750
94.5	10.659	22.362	29.886	26.422	23.616
95.0	12.271	24.422	34.424	32.394	29.408
95.5	13.973	26.721	38.604	38.514	35.767
96.0	15.734	29.020	42.754	44.724	42.336
96.5	17.555	31.349	47.232	50.755	48.934
97.0	19.376	33.707	52.487	56.756	55.442
97.5	21.317	36.066	57.950	62.727	62.041
98.0	23.258	38.514	63.265	68.818	68.609
98.5	25.198	40.992	68.042	74.998	75.267
99.0	27.288	43.410	72.490	81.447	82.014
99.5	29.348	45.918	77.357	88.075	88.881
100.0	31.408	48.486	82.044	95.181	95.897
100.5	33.528	51.024	87.000	102.913	103.063
101.0	35.678	53.561	92.374	110.527	110.347
101.5	37.887	56.129	97.599	117.662	117.752
102.0	40.037	58.727	102.883	124.051	125.186
102.5	42.216	61.354	108.019	130.440	132.829
103.0	44.426	63.981	112.975	137.009	140.472
103.5	46.665	66.489	117.782	143.577	148.205
104.0	48.874	69.027	122.439	150.384	155.818
104.5	51.083	71.594	127.007	157.520	163.551
105.0	53.323	74.162	131.605	165.043	171.194
105.5	55.532	76.610	136.292	172.567	178.837
106.0	57.711	78.909	140.860	179.792	186.450
106.5	59.921	81.089	145.339	187.017	193.974
107.0	62.100	83.358	149.578	194.183	201.587
107.5	64.250	85.836	153.609	200.990	209.051
108.0	66.400	88.344	157.609	207.469	216.396
108.5	68.489	90.732	161.461	213.768	223.710
109.0	70.579	92.912	165.282	220.008	230.786
109.5	72.639	94.942	168.955	226.099	237.743
110.0	74.699	96.942	172.597	232.040	244.609
110.5	76.730	99.151	176.060	237.892	251.357

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

111.0	78.730	101.510	179.344	243.535	258.015
111.5	80.701	103.809	182.449	249.028	264.434
112.0	82.641	106.018	185.316	254.342	270.703
112.5	84.552	108.049	187.973	259.448	276.854
113.0	86.433	109.929	190.421	264.284	282.676
113.5	88.254	111.601	192.780	268.972	288.438
114.0	90.075	113.094	194.989	273.420	294.081
114.5	91.867	114.497	197.079	277.660	299.455
115.0	93.598	115.930	199.019	281.631	304.232
115.5	95.330	117.453	200.751	285.363	309.009
116.0	97.002	119.006	202.274	288.766	313.786
116.5	98.614	120.648	203.617	291.931	317.965
117.0	100.196	122.230	204.632	294.767	321.847
117.5	101.749	123.783	205.379	297.275	325.429
118.0	103.242	125.246	206.006	299.455	328.713
118.5	104.645	126.589	206.722	301.545	331.998
119.0	106.018	127.843	207.379	303.336	334.685
119.5	107.362	128.977	208.036	304.530	337.073
120.0	108.675	129.993	208.633	305.724	338.864
120.5	109.929	130.858	209.051	306.322	340.656
121.0	111.124	131.665	209.320	306.919	342.149
121.5	112.318	132.381	209.379	306.919	343.044
122.0	113.452	133.098	209.290	306.919	343.641
122.5	114.527	133.844	208.991	306.620	344.239
123.0	115.572	134.561	208.573	306.023	344.239
123.5	116.587	135.217	207.976	305.127	343.940
124.0	117.543	135.904	207.200	303.933	343.343
124.5	118.438	136.501	206.304	302.440	342.447
125.0	119.304	137.128	205.289	300.649	341.253
125.5	120.110	137.666	204.244	298.858	339.760
126.0	120.887	138.173	203.110	296.857	337.969
126.5	121.603	138.681	201.975	294.648	335.879
127.0	122.290	139.128	200.781	292.230	333.192
127.5	122.887	139.576	199.557	289.572	330.505
128.0	123.484	139.935	198.303	286.796	327.818
128.5	123.992	140.233	196.959	283.810	324.534
129.0	124.499	140.472	195.586	280.675	320.951
129.5	124.947	140.651	194.153	277.481	317.368
130.0	125.365	140.741	192.690	274.077	313.188
130.5	125.723	140.800	191.227	270.554	309.307
131.0	126.052	140.800	189.704	266.912	304.829
131.5	126.380	140.681	188.152	263.269	300.350
132.0	126.589	140.532	186.570	259.537	295.932
132.5	126.798	140.353	185.017	255.776	291.274
133.0	126.947	140.114	183.435	251.984	286.587
133.5	127.067	139.875	181.882	248.103	281.840
134.0	127.156	139.606	180.270	244.311	277.093
134.5	127.216	139.308	178.658	240.519	272.226
135.0	127.246	139.009	177.045	236.668	267.419
135.5	127.186	138.651	175.433	232.906	262.613
136.0	127.126	138.293	173.881	229.114	257.776
136.5	127.037	137.904	172.298	225.442	253.059
137.0	126.888	137.516	170.746	221.740	248.282
137.5	126.708	137.098	169.193	218.127	243.505
138.0	126.529	136.621	167.641	214.545	238.967
138.5	126.290	136.143	166.088	211.022	234.279

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

139.0	126.022	135.635	164.566	207.588	229.771
139.5	125.723	135.098	163.073	204.185	225.382
140.0	125.395	134.531	161.550	200.871	221.113
140.5	125.007	133.934	160.057	197.616	216.843
141.0	124.648	133.307	158.595	194.392	212.693
141.5	124.201	132.650	157.132	191.257	208.663
142.0	123.783	131.963	155.699	188.212	204.752
142.5	123.335	131.247	154.236	185.256	200.960
143.0	122.857	130.530	152.832	182.330	197.288
143.5	122.409	129.784	151.429	179.524	193.675
144.0	121.902	129.037	150.026	176.777	190.152
144.5	121.394	128.261	148.623	174.120	186.749
145.0	120.857	127.455	147.249	171.492	183.465
145.5	120.319	126.649	145.906	168.955	180.240
146.0	119.752	125.813	144.532	166.477	177.135
146.5	119.155	125.007	143.219	164.058	174.090
147.0	118.528	124.171	141.875	161.729	171.164
147.5	117.961	123.365	140.562	159.431	168.357
148.0	117.334	122.469	139.248	157.221	165.641
148.5	116.677	121.603	137.964	155.042	162.983
149.0	116.020	120.737	136.680	152.952	160.356
149.5	115.363	119.871	135.426	150.862	157.818
150.0	114.706	119.035	134.143	148.862	155.370
150.5	114.020	118.200	132.859	146.921	153.011
151.0	113.393	117.364	131.605	144.980	150.713
151.5	112.706	116.557	130.351	143.099	148.444
152.0	112.049	115.721	129.097	141.248	146.264
152.5	111.422	114.856	127.843	139.457	144.144
153.0	110.825	113.990	126.619	137.695	142.114
153.5	110.198	113.094	125.365	135.964	140.144
154.0	109.571	112.258	124.171	134.262	138.173
154.5	108.944	111.333	122.947	132.620	136.292
155.0	108.287	110.497	121.723	131.008	134.411
155.5	107.660	109.691	120.528	129.395	132.650
156.0	106.974	108.855	119.304	127.843	130.888
156.5	106.317	108.049	118.110	126.261	129.157
157.0	105.630	107.242	116.886	124.768	127.455
157.5	104.973	106.466	115.662	123.275	125.813
158.0	104.317	105.660	114.497	121.782	124.171
158.5	103.690	104.854	113.273	120.379	122.648
159.0	103.063	104.078	112.109	118.946	121.066
159.5	102.436	103.301	110.945	117.573	119.513
160.0	101.809	102.525	109.810	116.199	118.020
160.5	101.212	101.779	108.646	114.856	116.528
161.0	100.644	101.032	107.511	113.542	115.124
161.5	100.017	100.286	106.377	112.258	113.721
162.0	99.420	99.569	105.272	110.885	112.348
162.5	98.853	98.823	104.197	109.571	110.974
163.0	98.256	98.136	103.122	108.287	109.631
163.5	97.718	97.450	102.047	107.004	108.257
164.0	97.151	96.763	101.003	105.750	106.944
164.5	96.614	96.076	99.898	104.526	105.600
165.0	96.076	95.419	98.793	103.331	104.346
165.5	95.539	94.792	97.748	102.137	103.092
166.0	95.031	94.166	96.853	100.943	101.868
166.5	94.524	93.568	95.987	99.808	100.674

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****CANDELA TABULATION - (Cont.)**

167.0	94.046	92.971	95.151	98.674	99.480
167.5	93.568	92.374	94.315	97.569	98.375
168.0	93.121	91.807	93.509	96.494	97.241
168.5	92.643	91.240	92.732	95.300	96.166
169.0	92.165	90.672	91.986	94.315	95.061
169.5	91.717	90.135	91.299	93.449	93.867
170.0	91.299	89.627	90.613	92.613	92.971
170.5	90.852	89.150	89.986	91.807	92.165
171.0	90.463	88.672	89.329	91.031	91.359
171.5	90.105	88.224	88.762	90.314	90.613
172.0	89.717	87.806	88.194	89.598	89.896
172.5	89.418	87.388	87.657	88.971	89.209
173.0	89.060	87.030	87.179	88.344	88.553
173.5	88.762	86.672	86.672	87.746	87.896
174.0	88.463	86.313	86.254	87.209	87.299
174.5	88.194	86.015	85.836	86.702	86.702
175.0	87.955	85.746	85.448	86.194	86.104
175.5	87.746	85.507	85.089	85.746	85.567
176.0	87.538	85.268	84.761	85.298	85.059
176.5	87.358	85.059	84.462	84.910	84.582
177.0	87.239	84.880	84.194	84.582	84.104
177.5	87.090	84.731	83.985	84.253	83.716
178.0	87.000	84.612	83.806	84.015	83.447
178.5	86.911	84.522	83.656	83.806	83.268
179.0	86.851	84.432	83.537	83.656	83.149
179.5	86.821	84.403	83.477	83.567	83.089
180.0	84.074	84.074	84.074	84.074	84.074



**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	231.26	N.A.	7.90
0-30	508.50	N.A.	17.30
0-40	864.58	N.A.	29.40
0-60	1605.72	N.A.	54.60
0-80	2024.31	N.A.	68.80
0-90	2058.99	N.A.	70.00
10-90	2000.75	N.A.	68.00
20-40	633.32	N.A.	21.50
20-50	1019.67	N.A.	34.70
40-70	1010.67	N.A.	34.40
60-80	418.60	N.A.	14.20
70-80	149.06	N.A.	5.10
80-90	34.67	N.A.	1.20
90-110	160.56	N.A.	5.50
90-120	355.10	N.A.	12.10
90-130	549.18	N.A.	18.70
90-150	789.45	N.A.	26.80
90-180	882.96	N.A.	30.00
110-180	722.40	N.A.	24.60
0-180	2941.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	58.23
10-20	173.03
20-30	277.23
30-40	356.08
40-50	386.35
50-60	354.78
60-70	269.54
70-80	149.06
80-90	34.67
90-100	33.69
100-110	126.87
110-120	194.54
120-130	194.08
130-140	145.59
140-150	94.68
150-160	56.55
160-170	28.57
170-180	8.38

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	102	97	93	89	96	92	89	85	82	80	77	74	71	69	65	64	62	58
2	92	85	78	72	87	80	74	69	72	67	63	64	61	57	57	54	52	48
3	84	74	66	60	79	70	63	57	63	57	53	56	52	48	50	47	44	40
4	77	65	57	50	72	62	54	48	56	49	44	50	45	41	44	40	37	34
5	70	58	49	43	66	55	47	41	50	43	38	44	39	35	40	35	32	29
6	65	52	43	37	61	49	41	36	44	38	33	40	35	30	36	31	28	25
7	60	47	38	32	56	44	37	31	40	34	29	36	31	27	33	28	25	22
8	55	42	34	28	52	40	33	28	37	30	26	33	28	24	30	25	22	20
9	52	39	31	25	49	37	30	25	34	27	23	30	25	21	27	23	20	18
10	48	35	28	23	45	34	27	22	31	25	21	28	23	19	25	21	18	16

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.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	13.4	14.5	14.2	15.3	16.3	15.5	16.6	16.3	17.4	18.4
	3H	14.9	15.9	15.6	16.7	17.6	17.2	18.2	18.0	19.0	20.0
	4H	15.3	16.2	16.1	17.1	18.0	17.8	18.8	18.6	19.6	20.6
	6H	15.5	16.4	16.3	17.2	18.2	18.2	19.1	19.0	19.9	20.9
	8H	15.6	16.4	16.4	17.2	18.2	18.3	19.1	19.1	19.9	21.0
	12H	15.6	16.3	16.4	17.2	18.2	18.3	19.1	19.1	19.9	21.0

### UGR Viewed Endwise

4H	2H	14.1	15.1	14.9	15.9	16.9	15.8	16.8	16.6	17.6	18.6
	3H	15.8	16.5	16.6	17.4	18.4	17.7	18.5	18.6	19.4	20.4
	4H	16.3	17.0	17.1	17.8	18.9	18.4	19.1	19.3	20.0	21.0
	6H	16.6	17.2	17.4	18.1	19.1	18.9	19.5	19.7	20.4	21.4
	8H	16.6	17.2	17.5	18.1	19.1	19.0	19.6	19.9	20.5	21.5
	12H	16.6	17.2	17.5	18.0	19.1	19.1	19.6	19.9	20.5	21.5

8H	4H	16.5	17.1	17.4	18.0	19.0	18.5	19.1	19.3	20.0	21.0
	6H	16.9	17.4	17.8	18.3	19.4	19.1	19.5	19.9	20.4	21.5
	8H	17.0	17.4	17.9	18.3	19.4	19.2	19.6	20.1	20.5	21.6
	12H	17.0	17.4	17.9	18.3	19.4	19.3	19.7	20.2	20.6	21.7

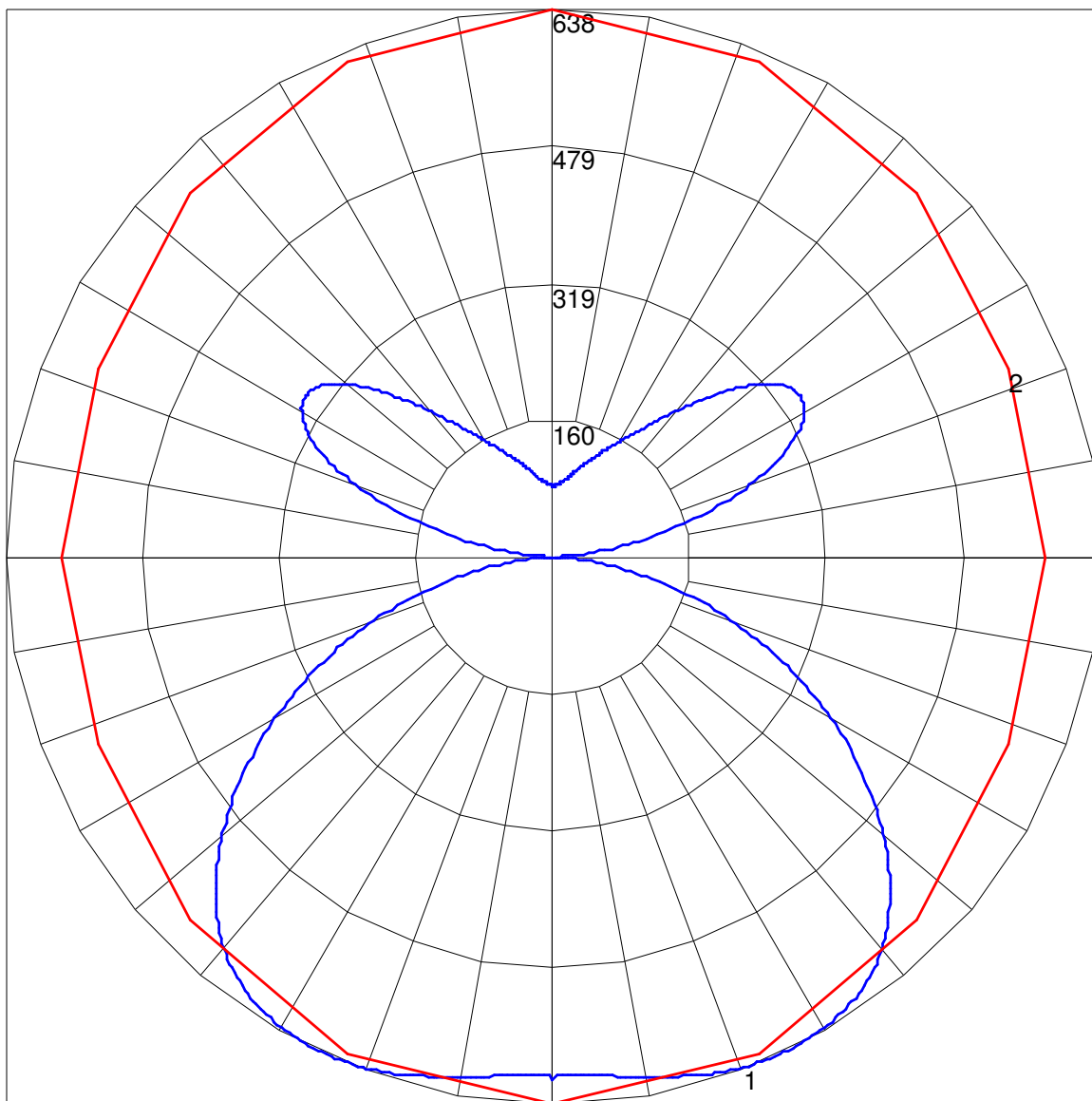
12H	4H	16.6	17.1	17.4	18.0	19.0	18.5	19.0	19.3	19.9	20.9
	6H	17.0	17.4	17.9	18.3	19.4	19.0	19.5	19.9	20.3	21.4
	8H	17.1	17.4	18.0	18.3	19.5	19.2	19.6	20.1	20.5	21.6

Maximum UGR = 21.7

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : SDI5-4-P8-8TW-DMA-30U-70D-POE PR\_4000K.IES

## POLAR GRAPH



Maximum Candela = 638.021 Located At Horizontal Angle = 90, Vertical Angle = 24.5

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

# 2 - Horizontal Cone Through Vertical Angle (24.5) (Through Max. Cd.)