



IES INDOOR REPORT

PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] GEN 12186363.03
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 09-09-2022
 [MANUFAC] WILLIAMS INDOOR
 [OTHER] H.E. WILLIAMS, INC. - CARTHAGE, MO.
 [LUMCAT] MDSx-24-L32-GRN-L147-840-SYM-DIM -GREEN ONLY-
 [LUMINAIRE] Recessed 2 x 4 LED Troffer w/patterned prismatic frosted
 [MORE] acrylic lens, 0.125 thick
 [LAMP] LED
 [LAMPCAT] HLM GREEN LED, WHITE 80 CRI, 4000K CCT
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] Indoor, Healthcare, Direct
 [_SEARCH_MOUNTING] Recessed

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3156
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	51
Total Luminaire Watts	62
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.67 ft
Luminous Width (90-270)	3.67 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1840	1800	1783
55	1548	1498	1476
65	1281	1229	1239
75	1124	1107	1197
85	1170	1211	1416

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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	1352.572	1352.572	1352.572	1352.572	1352.572
0.5	1365.188	1358.807	1348.511	1347.061	1346.626
1.0	1364.898	1358.662	1348.221	1346.771	1346.336
1.5	1364.608	1358.227	1347.786	1346.336	1346.046
2.0	1364.028	1357.647	1347.351	1345.756	1345.466
2.5	1363.303	1356.922	1346.626	1345.031	1344.741
3.0	1362.288	1355.907	1345.611	1344.161	1343.871
3.5	1361.273	1354.892	1344.596	1343.146	1342.856
4.0	1359.823	1353.587	1343.291	1341.986	1341.550
4.5	1358.517	1352.137	1341.986	1340.535	1340.390
5.0	1356.922	1350.541	1340.535	1339.230	1338.940
5.5	1355.182	1348.801	1338.940	1337.490	1337.345
6.0	1353.442	1347.061	1337.055	1335.750	1335.605
6.5	1351.412	1344.886	1335.025	1333.720	1333.720
7.0	1349.091	1342.711	1332.994	1331.689	1331.689
7.5	1346.626	1340.245	1330.529	1329.514	1329.224
8.0	1344.016	1337.635	1328.209	1326.904	1326.904
8.5	1341.115	1335.025	1325.454	1324.438	1324.003
9.0	1338.070	1332.124	1322.843	1321.538	1321.393
9.5	1335.025	1329.079	1319.943	1318.638	1318.348
10.0	1331.689	1325.744	1316.753	1315.592	1315.447
10.5	1328.209	1322.408	1313.417	1312.402	1312.112
11.0	1324.583	1318.783	1309.937	1308.922	1308.632
11.5	1320.668	1315.012	1306.311	1305.296	1305.006
12.0	1316.753	1311.097	1302.396	1301.526	1301.236
12.5	1312.547	1307.036	1298.480	1297.465	1297.320
13.0	1308.342	1302.686	1294.130	1293.405	1293.260
13.5	1303.701	1298.190	1289.779	1289.199	1289.344
14.0	1299.061	1293.550	1285.284	1284.849	1284.704
14.5	1294.275	1288.764	1280.498	1280.063	1280.208
15.0	1289.199	1283.834	1275.568	1275.423	1275.568
15.5	1284.124	1278.613	1270.347	1270.202	1270.492
16.0	1278.758	1273.393	1264.982	1265.127	1265.417
16.5	1273.393	1267.882	1259.761	1259.761	1260.196
17.0	1267.882	1262.226	1254.105	1254.250	1254.685
17.5	1262.371	1256.281	1248.305	1248.595	1249.030
18.0	1256.426	1250.335	1242.359	1242.794	1243.374
18.5	1250.335	1244.389	1236.413	1236.848	1237.283
19.0	1244.244	1238.008	1230.178	1230.613	1231.338
19.5	1238.008	1231.918	1223.942	1224.087	1224.812
20.0	1231.483	1225.392	1217.416	1217.561	1218.431
20.5	1224.667	1218.721	1210.600	1210.745	1211.760
21.0	1217.706	1211.905	1203.784	1203.930	1204.655
21.5	1210.745	1204.945	1196.679	1196.679	1197.549
22.0	1203.639	1197.984	1189.718	1189.573	1190.298
22.5	1196.389	1190.733	1182.322	1182.177	1183.047
23.0	1188.848	1183.192	1174.781	1174.636	1175.361
23.5	1181.162	1175.651	1167.240	1166.805	1167.820
24.0	1173.331	1167.965	1159.554	1158.974	1159.844
24.5	1165.355	1160.134	1151.723	1151.143	1152.159
25.0	1157.234	1152.304	1144.183	1143.458	1143.893
25.5	1149.403	1144.473	1136.062	1135.337	1135.917
26.0	1141.427	1136.352	1127.651	1126.926	1127.506
26.5	1133.306	1127.941	1119.240	1118.370	1119.095

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES****CANDELA TABULATION - (Cont.)**

27.0	1124.750	1119.385	1110.684	1109.814	1110.539
27.5	1116.194	1110.539	1101.838	1100.968	1101.693
28.0	1107.348	1101.693	1092.992	1091.977	1092.702
28.5	1098.357	1092.702	1084.001	1082.840	1083.566
29.0	1089.221	1083.566	1074.720	1073.704	1074.139
29.5	1079.940	1074.430	1065.438	1064.278	1064.858
30.0	1070.659	1065.003	1056.012	1054.707	1055.432
30.5	1061.233	1055.577	1046.441	1045.136	1045.861
31.0	1051.662	1046.006	1036.725	1035.420	1036.145
31.5	1041.801	1036.290	1027.009	1025.559	1026.429
32.0	1032.085	1026.574	1017.148	1015.553	1016.278
32.5	1022.078	1016.568	1007.142	1005.256	1006.127
33.0	1012.072	1006.562	996.991	995.105	995.685
33.5	1001.776	996.410	986.839	984.664	985.244
34.0	991.625	986.114	976.398	974.223	974.948
34.5	981.184	975.673	965.957	963.492	964.072
35.0	970.742	965.087	955.371	952.615	953.340
35.5	960.301	954.356	944.639	941.884	942.609
36.0	949.570	943.479	933.908	931.008	931.443
36.5	938.694	932.603	923.032	919.842	920.422
37.0	927.527	921.582	911.866	908.675	908.965
37.5	916.361	910.415	900.699	897.364	897.364
38.0	905.050	899.249	889.388	885.908	885.908
38.5	893.739	887.793	877.932	874.451	874.306
39.0	882.282	876.337	866.475	862.995	862.560
39.5	870.826	864.735	854.874	851.249	850.814
40.0	859.225	852.989	843.273	839.502	839.067
40.5	847.333	841.242	831.526	827.611	827.031
41.0	835.587	829.641	819.780	815.575	814.849
41.5	823.260	817.750	807.889	803.538	802.668
42.0	811.369	806.003	795.852	791.357	790.487
42.5	799.478	794.112	783.816	779.175	778.160
43.0	787.441	782.076	771.779	766.849	765.979
43.5	775.550	770.039	759.743	754.377	753.797
44.0	763.658	758.003	747.562	742.051	741.326
44.5	751.622	745.821	735.525	729.580	728.999
45.0	739.731	733.930	723.634	717.253	716.673
45.5	727.694	721.894	711.452	704.927	704.202
46.0	715.948	709.857	699.416	692.600	691.875
46.5	703.767	697.821	687.235	680.274	679.404
47.0	691.875	685.639	674.908	667.947	666.932
47.5	679.839	673.603	662.727	655.621	654.896
48.0	667.947	661.422	650.690	643.440	642.714
48.5	655.911	649.240	638.509	631.403	630.678
49.0	644.020	637.349	626.618	619.512	618.642
49.5	631.838	625.457	614.726	607.765	606.605
50.0	619.802	613.566	602.835	596.019	594.714
50.5	607.765	601.820	590.943	584.273	582.823
51.0	595.874	590.073	579.197	572.526	571.076
51.5	584.128	578.182	567.306	560.925	559.330
52.0	572.526	566.436	555.704	549.469	547.873
52.5	560.780	554.689	544.248	538.012	536.562
53.0	549.324	543.378	533.082	526.701	525.251
53.5	538.012	532.212	521.625	515.535	514.085
54.0	526.556	521.045	510.604	504.368	502.918
54.5	515.680	509.879	499.438	493.347	491.897

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES****CANDELA TABULATION - (Cont.)**

55.0	504.658	498.713	488.417	482.181	481.166
55.5	493.782	487.692	477.540	471.450	470.435
56.0	483.051	476.815	466.664	460.573	459.703
56.5	472.320	465.939	456.078	450.132	449.262
57.0	461.734	455.208	445.492	439.691	439.111
57.5	451.437	444.767	435.195	429.540	429.105
58.0	441.141	434.470	425.044	419.534	419.244
58.5	430.845	424.174	414.748	409.672	409.527
59.0	420.694	414.023	404.597	399.956	399.956
59.5	410.398	403.872	394.591	390.385	390.385
60.0	400.391	393.866	384.585	380.959	381.249
60.5	390.530	384.004	375.013	371.823	372.113
61.0	380.814	374.288	365.442	362.832	363.122
61.5	371.243	364.717	356.161	353.986	354.421
62.0	361.672	355.436	347.025	345.430	346.010
62.5	352.246	346.300	338.034	337.019	337.599
63.0	342.965	337.309	329.188	328.753	329.188
63.5	333.974	328.173	320.342	320.487	321.067
64.0	324.983	319.327	311.641	312.366	313.091
64.5	316.427	310.626	303.230	304.535	305.260
65.0	307.726	302.070	295.254	296.704	297.574
65.5	299.315	293.804	287.278	289.164	290.324
66.0	291.194	285.683	279.592	281.913	283.073
66.5	283.073	277.852	272.052	274.662	276.257
67.0	275.242	270.021	264.511	267.556	269.441
67.5	267.411	262.335	256.970	260.450	262.480
68.0	259.870	254.795	249.864	253.634	255.810
68.5	252.329	247.399	242.613	246.964	249.429
69.0	244.933	240.148	235.652	240.293	243.193
69.5	237.828	233.042	228.982	233.912	237.247
70.0	230.577	226.081	222.456	227.676	231.302
70.5	223.616	219.265	215.930	221.731	225.356
71.0	216.800	212.740	209.694	215.640	219.555
71.5	209.839	206.214	203.314	209.694	214.045
72.0	203.024	199.688	197.078	203.894	208.389
72.5	196.498	193.307	191.132	198.093	202.733
73.0	189.972	186.927	185.186	192.437	197.223
73.5	183.591	180.691	179.386	186.782	191.712
74.0	177.501	174.600	173.730	181.416	186.492
74.5	171.265	168.655	168.219	176.050	181.416
75.0	165.319	162.854	162.854	170.830	176.050
75.5	159.373	157.198	157.488	165.754	170.830
76.0	153.718	151.543	152.123	160.534	165.609
76.5	148.062	145.887	146.757	155.313	160.534
77.0	142.653	140.333	141.536	150.092	155.458
77.5	137.171	134.880	136.374	145.017	150.237
78.0	131.690	129.471	131.327	140.043	145.162
78.5	126.310	124.149	126.368	135.156	140.202
79.0	121.104	118.914	121.394	130.211	135.286
79.5	116.013	113.766	116.274	125.324	130.225
80.0	110.938	108.690	111.286	120.465	125.077
80.5	105.688	103.600	106.225	115.636	120.088
81.0	100.468	98.495	101.149	110.749	114.955
81.5	95.189	93.289	96.074	105.746	109.705
82.0	89.997	88.098	90.984	100.758	104.398
82.5	84.849	82.935	85.908	95.871	99.017

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES

CANDELA TABULATION - (Cont.)

83.0	79.716	77.831	80.847	90.984	93.565
83.5	74.423	72.711	75.742	85.980	87.967
84.0	69.028	67.607	70.551	80.789	82.254
84.5	63.546	62.386	65.272	75.394	76.322
85.0	57.963	57.079	59.993	69.797	70.159
85.5	52.380	51.684	54.628	64.170	63.822
86.0	46.608	46.246	49.320	58.195	57.296
86.5	40.532	40.677	43.911	51.931	50.756
87.0	34.412	35.036	38.226	45.550	44.303
87.5	28.264	29.250	32.426	39.039	37.791
88.0	22.130	23.551	26.712	32.513	31.396
88.5	16.126	17.939	21.027	26.089	25.189
89.0	10.398	12.602	15.662	19.969	19.171
89.5	5.235	7.715	10.818	14.342	13.762
90.0	1.610	3.886	6.772	9.397	8.991
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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES****CANDELA TABULATION - (Cont.)**

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 : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN 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 : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	487.88	N.A.	15.50
0-30	1015.65	N.A.	32.20
0-40	1613.95	N.A.	51.10
0-60	2613.04	N.A.	82.80
0-80	3089.09	N.A.	97.90
0-90	3155.89	N.A.	100.00
10-90	3028.31	N.A.	96.00
20-40	1126.07	N.A.	35.70
20-50	1685.33	N.A.	53.40
40-70	1297.75	N.A.	41.10
60-80	476.05	N.A.	15.10
70-80	177.39	N.A.	5.60
80-90	66.80	N.A.	2.10
90-110	0.17	N.A.	0.00
90-120	0.17	N.A.	0.00
90-130	0.17	N.A.	0.00
90-150	0.17	N.A.	0.00
90-180	0.17	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3156.06	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	127.58
10-20	360.30
20-30	527.77
30-40	598.30
40-50	559.26
50-60	439.84
60-70	298.66
70-80	177.39
80-90	66.80
90-100	0.17
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 : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN 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	105	101	97	107	102	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	56	53
5	78	66	57	51	76	65	57	50	63	55	50	61	54	49	59	53	49	47
6	72	60	51	45	70	59	50	45	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	66	53	45	40	52	45	39	51	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	41	36	46	40	35	45	39	35	33
9	59	46	38	32	57	45	38	32	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN 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

X=2H	Y=2H	13.0	14.6	13.4	14.9	15.2	12.8	14.3	13.1	14.6	14.9
	3H	14.6	16.0	14.9	16.3	16.6	14.4	15.8	14.8	16.1	16.5
	4H	15.2	16.5	15.6	16.8	17.2	15.1	16.4	15.5	16.8	17.1
	6H	15.7	16.9	16.1	17.3	17.7	15.8	17.0	16.2	17.3	17.7
	8H	15.9	17.1	16.3	17.5	17.9	16.0	17.2	16.5	17.6	18.0
	12H	16.1	17.2	16.5	17.6	18.0	16.3	17.4	16.7	17.8	18.2

UGR Viewed Endwise

4H	2H	13.5	14.8	13.9	15.2	15.5	13.3	14.6	13.7	15.0	15.3
	3H	15.3	16.4	15.7	16.8	17.2	15.1	16.2	15.5	16.6	17.0
	4H	16.0	17.0	16.5	17.4	17.9	16.0	17.0	16.4	17.4	17.9
	6H	16.7	17.6	17.2	18.0	18.5	16.8	17.7	17.3	18.1	18.6
	8H	17.0	17.8	17.5	18.3	18.7	17.2	18.0	17.7	18.5	18.9
	12H	17.2	18.0	17.7	18.4	18.9	17.5	18.3	18.0	18.7	19.2

8H	4H	16.3	17.1	16.8	17.6	18.1	16.3	17.1	16.8	17.6	18.0
	6H	17.2	17.8	17.7	18.3	18.8	17.3	18.0	17.8	18.5	18.9
	8H	17.5	18.1	18.0	18.7	19.1	17.8	18.4	18.3	18.9	19.4
	12H	17.9	18.4	18.4	18.9	19.5	18.3	18.8	18.8	19.3	19.8

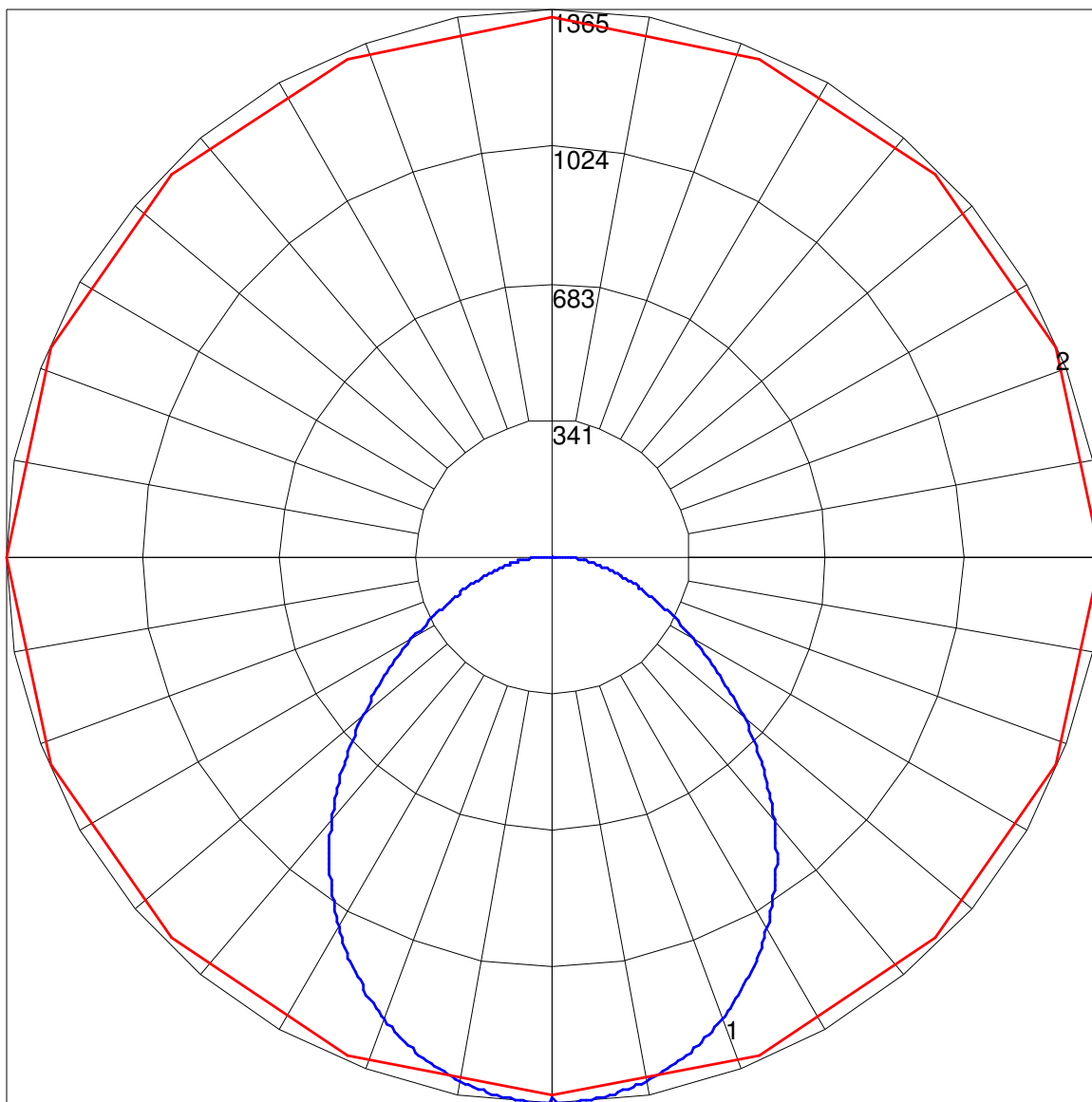
12H	4H	16.4	17.1	16.9	17.6	18.1	16.4	17.1	16.8	17.6	18.0
	6H	17.3	17.9	17.8	18.3	18.9	17.4	18.0	17.9	18.5	19.0
	8H	17.7	18.2	18.2	18.7	19.3	17.9	18.5	18.4	19.0	19.5

Maximum UGR = 19.8

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MDSX-24-L32-GRN-L147-840-SYM-DIM-UNV_GREEN ONLY.IES

POLAR GRAPH



Maximum Candela = 1365.188 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.)