



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDA48LED30RFDMMVWH35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000708-023A
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] LDA48LED30RFDMMVWH35
 [LUMINAIRE] Catalog Number: LDA48LED30RFDMMVWH35
 [MORE] Pendant mounted, formed white enamel steel housing, formed white
 [MORE] enamel steel reflector trays, frosted linear ribbed plastic lower enclosure.
 [MORE] 128 white LEDs, 4 Everline M10CC835D32N2S LED boards with 32 white LEDs each.
 [MORE] One Everline D10CC55UNVTZ-C LED driver set at 553mA.
 [MORE] 120.0Vac, 60.00Hz, 0.25A, 30.0W, 0.996PF, 4.6%THD(i)
 [OTHER] Absolute test - lamp lumens value set to -1
 [MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.
 [MORE] The sample was tested at a distance of 9.5m.
 [MORE] This IES file created by LightLab/LSA Report program version 3.808a.
 [DATE] This file extrapolated from LLIA000708-023A Tuesday, April 25, 2017
 [ISSUEDATE] Monday, March 6, 2017 10:03:08 AM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3830
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	128
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.19 m
Luminous Height	0.01 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4551	5152	5613
55	4027	4932	5636
65	3473	4747	5758
75	2862	4775	5992
85	2110	5609	6528

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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	1289.285	1289.285	1289.285	1289.285	1289.285
0.5	1286.479	1286.764	1292.888	1291.569	1285.149
1.0	1286.375	1286.555	1292.632	1291.400	1285.137
1.5	1285.881	1286.253	1292.330	1291.185	1284.899
2.0	1285.422	1285.840	1291.894	1290.906	1284.614
2.5	1284.748	1285.224	1291.400	1290.447	1284.300
3.0	1283.946	1284.527	1290.709	1289.942	1283.940
3.5	1282.953	1283.597	1289.954	1289.222	1283.534
4.0	1281.854	1282.645	1289.059	1288.501	1282.906
4.5	1280.663	1281.541	1288.164	1287.786	1282.162
5.0	1279.240	1280.222	1287.008	1286.805	1281.477
5.5	1277.602	1278.798	1285.730	1285.805	1280.559
6.0	1276.050	1277.270	1284.376	1284.684	1279.658
6.5	1274.081	1275.580	1282.894	1283.499	1278.682
7.0	1272.059	1273.744	1281.285	1282.226	1277.572
7.5	1269.985	1271.821	1279.670	1280.780	1276.347
8.0	1267.707	1269.717	1277.869	1279.321	1275.121
8.5	1265.290	1267.480	1275.911	1277.770	1273.813
9.0	1262.722	1265.122	1273.889	1276.050	1272.361
9.5	1260.003	1262.687	1271.675	1274.319	1270.798
10.0	1257.110	1259.957	1269.427	1272.448	1269.148
10.5	1254.152	1257.319	1267.033	1270.490	1267.475
11.0	1250.922	1254.350	1264.593	1268.457	1265.790
11.5	1247.726	1251.276	1261.967	1266.284	1263.878
12.0	1244.235	1248.075	1259.242	1264.058	1261.920
12.5	1240.650	1244.792	1256.372	1261.746	1259.904
13.0	1236.943	1241.312	1253.414	1259.317	1257.714
13.5	1233.103	1237.733	1250.382	1256.819	1255.535
14.0	1229.047	1234.079	1247.273	1254.193	1253.275
14.5	1224.899	1230.221	1243.869	1251.462	1250.835
15.0	1220.658	1226.247	1240.592	1248.703	1248.360
15.5	1216.294	1222.122	1237.129	1245.774	1245.879
16.0	1211.687	1217.817	1233.469	1242.689	1243.177
16.5	1206.987	1213.500	1229.762	1239.714	1240.470
17.0	1202.217	1209.020	1225.968	1236.478	1237.681
17.5	1197.226	1204.430	1222.035	1233.178	1234.764
18.0	1192.113	1199.625	1218.003	1229.820	1231.772
18.5	1186.948	1194.751	1213.895	1226.415	1228.658
19.0	1181.498	1189.632	1209.578	1222.761	1225.468
19.5	1175.921	1184.543	1205.203	1219.130	1222.221
20.0	1170.331	1179.221	1200.747	1215.400	1218.897
20.5	1164.411	1173.812	1196.122	1211.490	1215.371
21.0	1158.630	1168.292	1191.457	1207.632	1211.914
21.5	1152.634	1162.651	1186.727	1203.553	1208.277
22.0	1146.365	1156.829	1181.812	1199.399	1204.523
22.5	1140.085	1150.909	1176.792	1195.204	1200.648
23.0	1133.694	1144.889	1171.685	1190.847	1196.837
23.5	1127.088	1138.673	1166.456	1186.448	1192.868
24.0	1120.412	1132.415	1161.152	1181.957	1188.836
24.5	1113.545	1126.019	1155.714	1177.379	1184.676
25.0	1106.607	1119.453	1150.206	1172.586	1180.377
25.5	1099.508	1112.824	1144.634	1167.856	1176.089
26.0	1092.431	1106.108	1138.934	1163.011	1171.668
26.5	1084.954	1099.147	1133.078	1158.049	1167.119

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CANDELA TABULATION - (Cont.)

27.0	1077.569	1092.170	1127.152	1152.960	1162.529
27.5	1069.993	1085.070	1121.127	1147.812	1157.852
28.0	1062.254	1077.738	1114.939	1142.565	1153.029
28.5	1054.445	1070.417	1108.775	1137.267	1148.248
29.0	1046.526	1062.939	1102.506	1131.846	1143.327
29.5	1038.439	1055.352	1095.969	1126.280	1138.167
30.0	1030.293	1047.688	1089.543	1120.749	1133.095
30.5	1022.084	1039.903	1083.013	1115.055	1127.924
31.0	1013.514	1031.885	1076.198	1109.210	1122.614
31.5	1005.014	1023.908	1069.505	1103.360	1117.193
32.0	996.432	1015.861	1062.684	1097.468	1111.726
32.5	987.619	1007.588	1055.636	1091.345	1106.119
33.0	978.753	999.308	1048.647	1085.238	1100.420
33.5	969.881	990.913	1041.559	1079.016	1094.650
34.0	960.660	982.395	1034.221	1072.642	1088.788
34.5	951.608	973.843	1027.016	1066.344	1082.833
35.0	942.347	965.163	1019.655	1059.860	1076.837
35.5	932.859	956.285	1012.119	1053.167	1070.609
36.0	923.523	947.431	1004.572	1046.503	1064.456
36.5	913.971	938.600	997.042	1039.827	1058.204
37.0	904.170	929.443	989.269	1032.919	1051.749
37.5	894.525	920.414	981.576	1026.063	1045.219
38.0	884.793	911.287	973.768	1019.068	1038.747
38.5	874.835	902.008	965.732	1011.968	1032.042
39.0	864.970	892.718	957.837	1004.857	1025.384
39.5	854.918	883.393	949.848	997.652	1018.568
40.0	844.681	873.888	941.615	990.268	1011.672
40.5	834.618	864.493	933.458	982.953	1004.706
41.0	824.514	854.976	925.242	975.592	997.693
41.5	814.097	845.367	916.847	967.946	990.524
42.0	803.848	835.728	908.498	960.439	983.337
42.5	793.663	826.130	900.039	952.828	976.150
43.0	783.217	816.276	891.457	945.095	968.742
43.5	772.986	806.631	882.911	937.321	961.375
44.0	762.510	796.853	874.306	929.548	953.874
44.5	751.878	786.912	865.429	921.553	946.228
45.0	741.594	777.140	856.766	913.698	938.669
45.5	731.252	767.379	847.975	905.738	930.954
46.0	720.626	757.322	839.010	897.546	923.128
46.5	710.156	747.427	830.098	889.476	915.400
47.0	699.710	737.591	821.226	881.394	907.545
47.5	689.159	727.546	812.058	873.104	899.533
48.0	678.660	717.593	803.041	864.894	891.527
48.5	668.121	707.646	793.977	856.597	883.474
49.0	657.599	697.601	784.733	848.097	875.335
49.5	647.222	687.701	775.600	839.830	867.218
50.0	636.782	677.742	766.380	831.405	859.038
50.5	626.231	667.563	757.049	822.859	850.735
51.0	615.883	657.698	747.811	814.353	842.438
51.5	605.594	647.856	738.573	805.882	834.147
52.0	595.031	637.769	729.103	797.213	825.671
52.5	584.771	627.823	719.772	788.603	817.240
53.0	574.435	617.870	710.482	779.929	808.758
53.5	564.058	607.842	700.924	771.167	800.258
54.0	553.914	597.983	691.576	762.574	791.787
54.5	543.740	588.088	682.152	753.917	783.246

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CANDELA TABULATION - (Cont.)

55.0	533.474	578.025	672.496	745.034	774.496
55.5	523.469	568.235	663.223	736.447	766.025
56.0	513.418	558.446	653.823	727.685	757.374
56.5	503.169	548.394	644.230	718.825	748.682
57.0	493.234	538.633	634.748	710.057	740.101
57.5	483.270	528.844	625.295	701.337	731.380
58.0	473.236	518.990	615.703	692.488	722.479
58.5	463.557	509.287	606.250	683.744	713.718
59.0	453.697	499.567	596.838	674.959	704.863
59.5	443.867	489.771	587.321	666.082	695.782
60.0	434.181	480.185	577.956	657.303	686.963
60.5	424.595	470.598	568.578	648.477	677.975
61.0	414.857	460.809	559.067	639.454	668.865
61.5	405.410	451.263	549.731	630.548	659.865
62.0	395.888	441.775	540.446	621.653	650.842
62.5	386.284	432.235	531.040	612.589	641.523
63.0	377.005	422.794	521.837	603.647	632.360
63.5	367.732	413.364	512.680	594.671	623.035
64.0	358.407	403.969	503.431	585.549	613.856
64.5	349.297	394.702	494.361	576.538	604.804
65.0	340.175	385.459	485.362	567.532	595.595
65.5	330.914	376.110	476.159	558.329	586.130
66.0	321.996	366.931	467.200	549.312	576.817
66.5	313.078	357.879	458.270	540.376	567.666
67.0	304.171	348.716	449.200	531.266	558.329
67.5	295.369	339.798	440.259	522.226	549.080
68.0	286.689	330.862	431.392	513.261	539.505
68.5	278.014	322.013	422.416	504.261	529.628
69.0	269.468	313.240	413.631	495.349	520.036
69.5	261.078	304.549	404.771	486.094	510.577
70.0	252.497	295.810	395.795	476.658	500.752
70.5	244.229	287.322	387.062	467.502	490.713
71.0	235.921	278.868	378.376	458.397	480.731
71.5	227.700	270.392	369.737	449.008	470.662
72.0	219.682	262.095	361.161	439.503	460.814
72.5	211.745	253.938	352.684	430.062	450.565
73.0	203.757	245.722	344.225	420.731	439.800
73.5	195.983	237.739	335.899	411.301	429.469
74.0	188.261	229.768	327.370	401.361	419.174
74.5	180.499	221.913	318.963	391.524	408.402
75.0	173.022	214.279	310.637	382.007	397.282
75.5	165.701	206.772	302.399	372.328	386.208
76.0	158.230	199.173	293.910	361.812	375.355
76.5	151.083	191.852	285.666	351.697	364.177
77.0	144.042	184.595	277.532	341.826	352.318
77.5	136.895	177.321	269.119	331.414	340.722
78.0	130.068	170.216	260.852	320.584	329.828
78.5	123.230	163.133	252.764	310.231	318.057
79.0	116.514	156.150	244.310	299.895	305.565
79.5	109.861	149.393	236.014	288.896	294.323
80.0	103.406	142.717	227.903	277.933	283.313
80.5	97.044	136.059	219.496	267.423	271.019
81.0	90.729	129.679	211.101	256.761	259.550
81.5	84.658	123.294	202.903	245.780	249.249
82.0	78.557	117.019	194.333	235.532	238.227
82.5	72.602	110.866	185.990	225.434	227.032

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CANDELA TABULATION - (Cont.)

83.0	66.774	104.789	177.740	214.732	216.806
83.5	61.046	98.700	169.245	204.675	206.749
84.0	55.491	92.786	161.390	194.995	196.355
84.5	49.978	86.999	153.227	184.770	186.629
85.0	44.580	81.172	145.087	175.334	177.298
85.5	39.374	75.501	137.145	166.131	167.845
86.0	34.180	69.952	129.110	156.678	158.851
86.5	29.033	64.450	121.220	147.987	150.258
87.0	24.048	59.134	113.243	139.306	141.526
87.5	19.167	53.940	105.701	130.603	133.444
88.0	14.333	48.781	97.928	122.719	125.670
88.5	9.685	43.662	90.706	114.533	117.577
89.0	5.299	38.741	83.368	107.055	110.413
89.5	0.000	33.744	76.361	99.473	102.802
90.0	0.000	28.986	69.406	92.228	95.952
90.5	0.000	24.268	62.806	85.337	89.242
91.0	0.000	19.667	56.363	78.336	82.403
91.5	0.000	15.338	50.088	71.817	76.146
92.0	0.000	11.167	44.017	65.519	69.697
92.5	0.000	7.199	38.154	59.123	63.707
93.0	0.000	3.515	32.553	53.202	57.734
93.5	0.000	0.000	27.214	47.375	52.005
94.0	0.000	0.000	21.968	41.675	46.468
94.5	0.000	0.000	17.076	36.272	41.024
95.0	0.000	0.000	12.346	30.869	35.819
95.5	0.000	0.000	7.751	25.634	30.630
96.0	0.000	0.000	3.811	20.684	25.703
96.5	0.000	0.000	0.000	15.972	20.916
97.0	0.000	0.000	0.000	11.312	16.367
97.5	0.000	0.000	0.000	7.053	12.009
98.0	0.000	0.000	0.000	3.637	7.896
98.5	0.000	0.000	0.000	0.000	4.421
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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CANDELA TABULATION - (Cont.)

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 : LDA48LED30RFDMMVWH35.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
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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 : LDA48LED30RFD MVWH35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	471.18	N.A.	12.30
0-30	999.39	N.A.	26.10
0-40	1633.2	N.A.	42.60
0-60	2879.15	N.A.	75.20
0-80	3665.95	N.A.	95.70
0-90	3808.00	N.A.	99.40
10-90	3686.03	N.A.	96.20
20-40	1162.03	N.A.	30.30
20-50	1815.34	N.A.	47.40
40-70	1718.1	N.A.	44.90
60-80	786.79	N.A.	20.50
70-80	314.64	N.A.	8.20
80-90	142.06	N.A.	3.70
90-110	21.83	N.A.	0.60
90-120	21.83	N.A.	0.60
90-130	21.83	N.A.	0.60
90-150	21.83	N.A.	0.60
90-180	21.83	N.A.	0.60
110-180	0.00	N.A.	0.00
0-180	3829.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	121.97
10-20	349.20
20-30	528.22
30-40	633.81
40-50	653.31
50-60	592.64
60-70	472.15
70-80	314.64
80-90	142.06
90-100	21.83
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

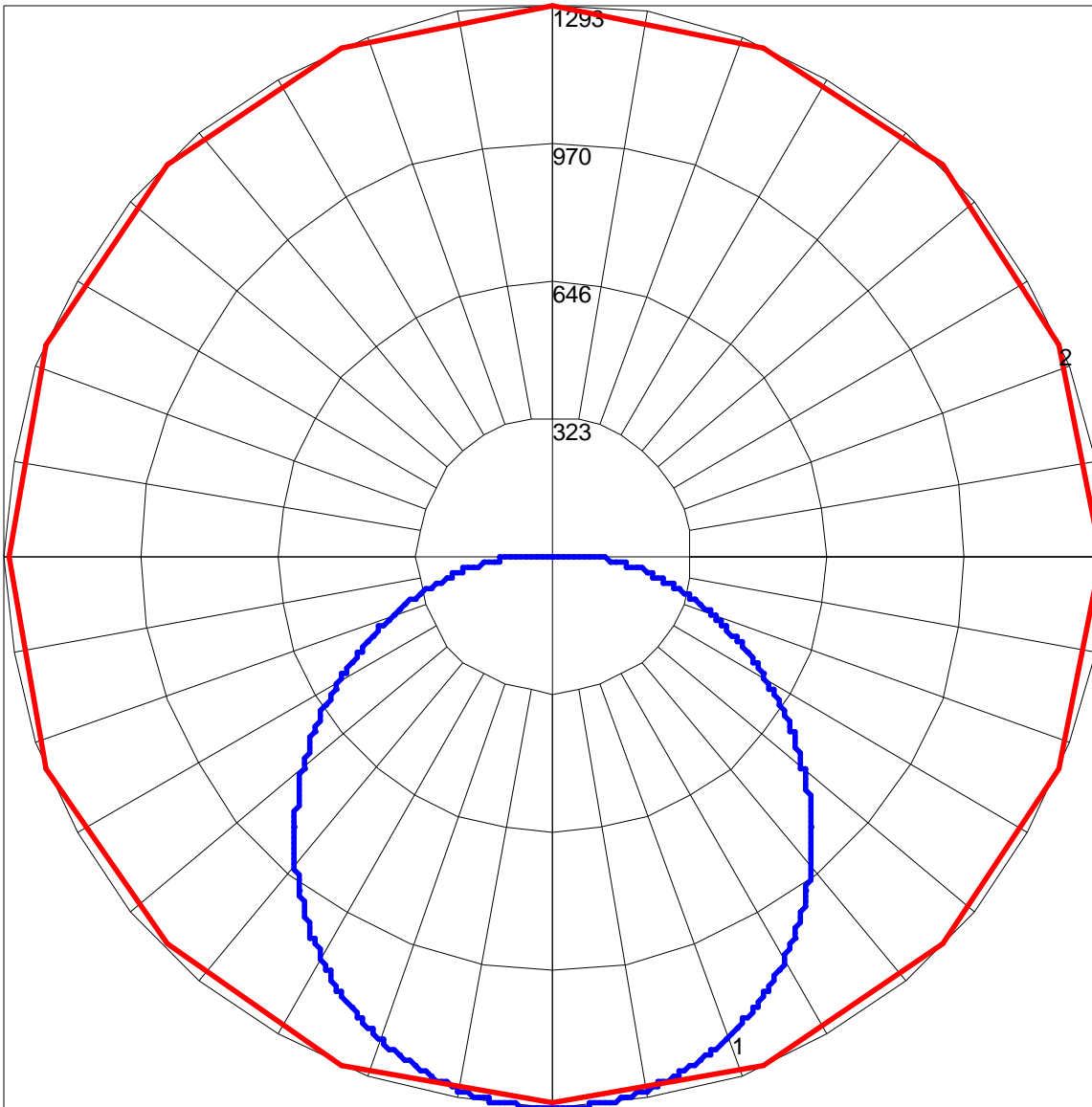
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDA48LED30RFD MVWH35.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	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	99
1	108	102	98	94	105	100	96	92	96	92	89	92	89	86	88	86	83	81
2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	63	58	56
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	55	50	48
5	75	61	52	45	72	60	52	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 1292.888 Located At Horizontal Angle = 45, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)