



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RKDIS14-LED24FRDMV35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000617-010
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] RKDIS14-LED24FRDMV35
 [LUMINAIRE] Catalog Number: RKDIS14-LED24FRDMV35
 [MORE] 1x4 Retrofit kit installed in Mobern recessed RG14 housing with side bracket mounting rails,
 [MORE] formed white steel housing with frosted plastic enclosure. 128 LEDs, four Universal
 [MORE] Lighting Technologies Everline M10CC835D32N2S boards with 32 LEDs each. One Osram
 [MORE] Optotronic OTi 20/120-277/700 DIM-1 L AUX LED driver output set to 440mA.
 [MORE] 120.0Vac, 60.0Hz, 0.1954A, 23.45W, 0.996PF, 5.58%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 was extrapolated from LLIA000617-010
 [DATE] This file created: Friday, May 26, 2017
 [ISSUE DATE] Friday, May 26, 2017

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3110
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	23.45
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.17 m
Luminous Width (90-270)	0.19 m
Luminous Height	0.00 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4243	4622	5129
55	3891	4567	4936
65	3519	4168	4286
75	3059	3458	3366
85	2350	2153	1694

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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	1140.506	1140.506	1140.506	1140.506	1140.506
0.5	1136.335	1139.855	1143.075	1142.641	1136.335
1.0	1136.168	1139.488	1142.875	1142.525	1136.318
1.5	1135.767	1139.204	1142.425	1142.174	1135.851
2.0	1135.250	1138.821	1142.108	1141.857	1135.584
2.5	1134.716	1138.287	1141.707	1141.290	1135.133
3.0	1134.015	1137.536	1140.773	1140.639	1134.683
3.5	1133.014	1136.785	1139.955	1139.855	1134.049
4.0	1132.230	1135.734	1139.021	1138.987	1133.231
4.5	1131.129	1134.599	1137.953	1138.020	1132.280
5.0	1129.794	1133.548	1136.768	1137.019	1131.279
5.5	1128.309	1132.197	1135.484	1135.717	1130.178
6.0	1126.858	1130.946	1134.182	1134.266	1128.960
6.5	1125.039	1129.377	1132.631	1132.831	1127.742
7.0	1123.354	1127.492	1130.929	1131.346	1126.024
7.5	1121.535	1125.590	1129.060	1129.561	1124.589
8.0	1119.333	1123.788	1127.325	1127.759	1122.803
8.5	1117.097	1121.669	1125.306	1125.707	1121.152
9.0	1114.878	1119.350	1123.120	1123.838	1119.183
9.5	1112.426	1117.114	1120.851	1121.552	1116.947
10.0	1109.856	1114.561	1118.499	1119.266	1114.878
10.5	1107.137	1112.075	1115.829	1116.864	1112.693
11.0	1104.300	1109.272	1113.377	1114.411	1109.973
11.5	1101.330	1106.419	1110.540	1111.608	1107.587
12.0	1098.561	1103.416	1107.737	1108.922	1104.834
12.5	1095.324	1100.346	1104.851	1105.952	1102.065
13.0	1091.737	1097.143	1101.614	1102.932	1099.145
13.5	1088.317	1093.739	1098.427	1099.662	1096.409
14.0	1084.796	1090.452	1095.107	1096.492	1093.038
14.5	1081.142	1086.848	1091.553	1093.005	1089.735
15.0	1077.255	1083.078	1087.933	1089.518	1086.598
15.5	1073.401	1079.407	1084.362	1085.964	1082.961
16.0	1069.279	1075.253	1080.408	1082.160	1079.290
16.5	1065.192	1071.232	1076.437	1078.339	1075.870
17.0	1060.770	1067.161	1072.483	1074.485	1072.016
17.5	1056.382	1062.606	1068.262	1070.481	1068.128
18.0	1051.811	1058.318	1064.057	1066.310	1064.091
18.5	1047.172	1053.746	1059.602	1061.972	1059.969
19.0	1042.384	1049.041	1055.031	1057.534	1055.581
19.5	1037.629	1044.336	1050.443	1053.079	1051.110
20.0	1032.540	1039.531	1045.788	1048.490	1046.772
20.5	1027.568	1034.475	1040.866	1043.702	1042.284
21.0	1022.229	1029.387	1036.044	1038.997	1037.629
21.5	1016.840	1024.131	1031.105	1033.992	1033.057
22.0	1011.451	1018.759	1025.833	1028.936	1028.286
22.5	1005.995	1013.336	1020.694	1023.998	1023.430
23.0	1000.255	1007.814	1015.388	1018.875	1018.558
23.5	994.483	1002.074	1010.016	1013.636	1013.653
24.0	988.593	996.368	1004.427	1008.364	1008.664
24.5	982.603	990.462	998.754	1003.058	1003.659
25.0	976.430	984.505	992.881	997.419	998.720
25.5	970.407	978.399	987.208	992.130	994.032
26.0	964.100	972.275	981.235	986.574	989.110
26.5	957.793	965.869	975.129	981.135	984.071

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CANDELA TABULATION - (Cont.)

27.0	951.036	959.595	969.039	975.612	979.333
27.5	944.629	953.072	962.899	970.173	974.595
28.0	937.855	946.364	956.542	964.634	969.873
28.5	931.315	939.891	950.302	959.211	965.018
29.0	924.374	933.067	943.945	953.856	960.463
29.5	917.250	926.059	937.388	948.417	955.724
30.0	910.426	919.169	930.814	943.211	951.086
30.5	903.268	912.295	924.241	937.772	946.481
31.0	895.760	905.053	917.533	932.416	941.676
31.5	888.552	897.912	910.810	927.144	937.171
32.0	881.211	890.805	904.052	921.921	932.550
32.5	873.603	883.297	897.278	916.566	928.011
33.0	866.028	875.822	890.588	911.277	923.440
33.5	858.487	868.214	883.747	906.038	918.968
34.0	850.595	860.439	876.723	900.715	914.280
34.5	842.803	852.914	870.049	895.410	910.059
35.0	835.028	845.156	863.225	890.221	905.571
35.5	827.003	837.197	856.418	884.865	901.149
36.0	819.128	829.406	849.727	879.960	896.845
36.5	811.103	821.447	842.803	874.854	892.523
37.0	802.794	813.388	836.063	869.615	887.885
37.5	794.852	805.347	829.439	864.660	883.681
38.0	786.693	797.271	822.598	859.521	879.042
38.5	778.368	789.096	815.891	854.382	874.637
39.0	770.159	780.854	809.034	849.360	869.982
39.5	761.817	772.595	802.260	844.188	865.378
40.0	753.174	764.152	795.236	838.933	860.406
40.5	745.082	755.827	788.579	833.810	855.517
41.0	736.640	747.518	781.788	828.521	850.445
41.5	728.014	739.025	774.947	823.149	845.606
42.0	719.688	730.383	768.140	817.743	840.401
42.5	711.212	721.991	761.500	812.221	835.312
43.0	702.503	713.348	754.559	806.598	830.073
43.5	694.077	704.772	747.885	800.908	824.684
44.0	685.568	696.129	741.245	795.102	819.295
44.5	676.742	687.570	734.471	789.246	813.455
45.0	668.149	678.878	727.780	783.340	807.616
45.5	659.607	670.152	721.056	777.400	801.659
46.0	650.898	661.392	714.349	771.243	795.086
46.5	642.338	652.833	707.542	765.204	788.328
47.0	633.963	644.107	700.801	758.897	781.087
47.5	625.087	635.298	694.027	752.256	773.479
48.0	616.527	626.605	687.103	745.332	765.420
48.5	608.002	617.929	680.313	738.008	756.928
49.0	599.209	609.086	673.222	730.583	748.269
49.5	590.616	600.444	666.214	722.725	739.342
50.0	582.191	591.934	659.006	714.583	730.233
50.5	573.565	583.092	651.765	706.441	720.572
51.0	565.022	574.566	644.524	698.248	711.029
51.5	556.530	565.957	637.300	688.755	701.569
52.0	547.854	557.164	629.625	678.811	691.775
52.5	539.245	548.621	622.300	669.000	681.931
53.0	530.886	540.279	614.926	659.390	672.170
53.5	522.327	531.637	607.034	649.596	661.909
54.0	514.101	523.278	599.476	640.086	651.582
54.5	505.442	514.752	591.517	630.426	641.121

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CANDELA TABULATION - (Cont.)

55.0	496.916	506.309	583.359	620.415	630.442
55.5	488.607	498.101	575.217	610.404	620.098
56.0	480.081	489.842	566.691	600.227	609.470
56.5	471.605	481.399	557.781	589.799	598.325
57.0	463.196	473.291	548.688	579.488	587.380
57.5	454.938	465.015	539.595	569.143	576.101
58.0	446.462	456.656	530.068	558.665	564.622
58.5	438.170	448.614	520.575	548.121	553.110
59.0	429.694	440.505	510.914	537.276	541.163
59.5	421.368	432.413	501.054	526.314	529.334
60.0	413.109	424.372	491.277	515.369	517.505
60.5	404.884	416.396	481.449	504.124	505.625
61.0	396.425	408.371	471.572	492.711	493.512
61.5	388.300	400.429	461.845	481.449	481.883
62.0	380.074	392.771	451.901	470.104	470.337
62.5	371.965	384.829	441.974	458.541	458.925
63.0	363.857	377.154	431.963	447.329	447.663
63.5	355.431	369.329	422.186	435.984	436.501
64.0	347.356	361.437	411.925	424.789	425.306
64.5	339.247	353.696	402.164	413.944	414.394
65.0	331.188	345.988	392.204	403.216	403.349
65.5	322.963	338.112	382.110	392.371	392.354
66.0	315.071	330.254	372.015	381.876	381.476
66.5	306.996	322.379	361.821	371.415	370.731
67.0	298.887	314.304	351.477	360.637	359.519
67.5	290.928	306.595	341.433	350.426	348.874
68.0	282.953	298.603	331.288	340.048	338.246
68.5	274.961	290.712	321.161	329.653	327.534
69.0	267.203	282.870	311.100	319.242	316.840
69.5	259.478	274.744	301.290	308.998	306.328
70.0	251.536	266.469	291.312	298.670	295.317
70.5	243.878	258.260	281.885	288.526	285.106
71.0	236.186	249.935	272.425	278.465	274.661
71.5	228.562	241.642	262.965	268.388	264.183
72.0	220.770	233.383	253.622	258.394	253.872
72.5	213.445	225.025	244.395	248.466	243.745
73.0	205.754	216.549	235.169	238.439	233.200
73.5	198.246	208.440	226.126	228.712	223.506
74.0	190.955	200.315	217.116	218.851	213.546
74.5	183.580	192.156	208.073	209.208	203.518
75.0	176.289	184.014	199.314	199.564	194.008
75.5	169.098	176.206	190.671	190.120	184.348
76.0	161.707	168.164	181.812	180.694	174.754
76.5	154.632	160.355	173.236	171.500	165.527
77.0	147.708	152.630	164.793	162.491	156.551
77.5	140.768	144.839	156.267	153.198	147.508
78.0	133.843	137.114	147.875	144.371	138.599
78.5	126.969	129.489	139.666	135.645	130.023
79.0	120.195	121.997	131.274	126.836	121.163
79.5	113.555	114.856	123.182	118.460	112.988
80.0	107.148	107.799	115.157	110.168	104.946
80.5	100.274	100.675	107.048	101.893	96.854
81.0	94.017	93.801	99.356	94.051	89.129
81.5	87.694	87.043	91.698	86.209	81.554
82.0	81.354	80.336	84.007	78.467	74.079
82.5	75.080	73.946	76.615	71.026	66.888

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CANDELA TABULATION - (Cont.)

83.0	69.057	67.456	69.408	63.818	59.864
83.5	63.018	61.182	62.117	56.661	53.057
84.0	57.211	55.009	55.192	49.787	46.316
84.5	51.255	48.969	48.402	43.013	39.759
85.0	45.599	42.946	41.778	36.222	32.869
85.5	40.026	37.223	35.288	29.648	26.912
86.0	34.404	31.584	28.964	23.392	20.939
86.5	28.898	26.178	22.474	17.435	15.300
87.0	23.325	20.822	16.568	12.263	11.045
87.5	18.186	15.700	11.045	8.676	8.225
88.0	13.448	10.745	6.774	5.973	5.840
88.5	9.126	6.173	4.071	3.871	3.704
89.0	5.189	2.553	2.102	1.785	1.618
89.5	1.402	0.667	0.417	0.317	0.400
90.0	0.167	0.083	0.067	0.234	0.083
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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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 : RKDIS14-LED24FRDMV35.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 : RKDIS14-LED24FRDMV35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	413.77	N.A.	13.30
0-30	870.15	N.A.	28.00
0-40	1413.07	N.A.	45.40
0-60	2484.68	N.A.	79.90
0-80	3062.02	N.A.	98.40
0-90	3110.23	N.A.	100.00
10-90	3002.52	N.A.	96.50
20-40	999.29	N.A.	32.10
20-50	1563.66	N.A.	50.30
40-70	1445.05	N.A.	46.50
60-80	577.34	N.A.	18.60
70-80	203.91	N.A.	6.60
80-90	48.21	N.A.	1.60
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3110.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	107.71
10-20	306.06
20-30	456.38
30-40	542.92
40-50	564.37
50-60	507.24
60-70	373.43
70-80	203.91
80-90	48.21
90-100	0.00
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

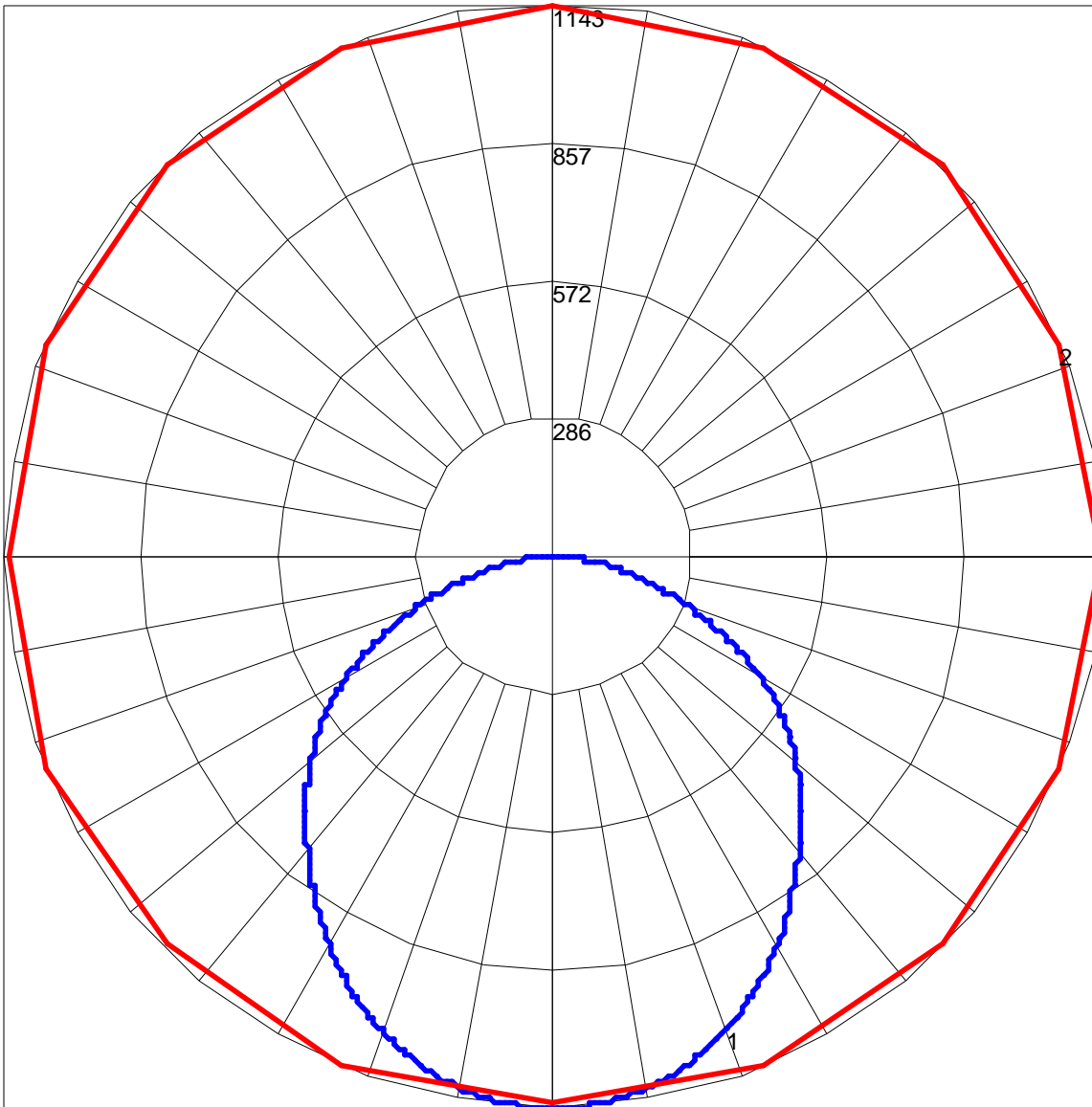
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDIS14-LED24FRDMV35.IES

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	78	96	89	83	78	86	80	76	82	78	74	79	76	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	51
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	53	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	47	40	36	34
8	61	47	39	33	59	46	38	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	29	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	38	31	26	37	31	26	25

POLAR GRAPH



Maximum Candela = 1143.075 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.)