



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RKDIS14-LED28FRDMV35.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-LED28FRDMV35
 [LUMINAIRE] Catalog Number: RKDIS14-LED28FRDMV35
 [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.
 [MORE] One UNVLT D1055CCUNVTZ-C LED driver output set to 490mA.
 [MORE] 120.0Vac, 60.0Hz, 0.3334A, 23.45W, 0.993PF, 7.6%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 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	3480
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	26.49
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	4748	5172	5739
55	4354	5111	5523
65	3938	4663	4796
75	3423	3870	3767
85	2629	2409	1895

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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	1276.191	1276.191	1276.191	1276.191	1276.191
0.5	1271.524	1275.463	1279.066	1278.581	1271.524
1.0	1271.337	1275.052	1278.842	1278.450	1271.505
1.5	1270.889	1274.735	1278.338	1278.058	1270.982
2.0	1270.310	1274.305	1277.983	1277.703	1270.684
2.5	1269.713	1273.708	1277.535	1277.069	1270.179
3.0	1268.929	1272.868	1276.490	1276.340	1269.675
3.5	1267.808	1272.028	1275.575	1275.463	1268.966
4.0	1266.931	1270.852	1274.529	1274.492	1268.051
4.5	1265.699	1269.582	1273.335	1273.409	1266.987
5.0	1264.205	1268.406	1272.009	1272.289	1265.867
5.5	1262.544	1266.894	1270.572	1270.833	1264.635
6.0	1260.919	1265.493	1269.115	1269.209	1263.272
6.5	1258.884	1263.738	1267.379	1267.603	1261.909
7.0	1256.999	1261.629	1265.475	1265.941	1259.986
7.5	1254.964	1259.501	1263.384	1263.944	1258.380
8.0	1252.499	1257.484	1261.442	1261.928	1256.383
8.5	1249.998	1255.113	1259.183	1259.631	1254.534
9.0	1247.515	1252.518	1256.737	1257.540	1252.331
9.5	1244.770	1250.016	1254.198	1254.982	1249.830
10.0	1241.895	1247.160	1251.566	1252.425	1247.515
10.5	1238.852	1244.378	1248.579	1249.736	1245.069
11.0	1235.678	1241.242	1245.834	1246.992	1242.026
11.5	1232.355	1238.049	1242.661	1243.855	1239.356
12.0	1229.256	1234.689	1239.524	1240.850	1236.276
12.5	1225.634	1231.254	1236.294	1237.527	1233.177
13.0	1221.620	1227.669	1232.672	1234.147	1229.909
13.5	1217.793	1223.860	1229.107	1230.488	1226.848
14.0	1213.854	1220.183	1225.391	1226.941	1223.076
14.5	1209.765	1216.150	1221.415	1223.039	1219.380
15.0	1205.415	1211.931	1217.363	1219.137	1215.870
15.5	1201.102	1207.823	1213.368	1215.160	1211.800
16.0	1196.491	1203.175	1208.943	1210.904	1207.693
16.5	1191.917	1198.675	1204.500	1206.628	1203.865
17.0	1186.969	1194.120	1200.075	1202.316	1199.553
17.5	1182.059	1189.023	1195.352	1197.835	1195.203
18.0	1176.944	1184.225	1190.647	1193.168	1190.685
18.5	1171.754	1179.110	1185.663	1188.314	1186.073
19.0	1166.396	1173.845	1180.547	1183.348	1181.163
19.5	1161.075	1168.580	1175.413	1178.363	1176.160
20.0	1155.381	1163.203	1170.204	1173.229	1171.306
20.5	1149.817	1157.546	1164.697	1167.871	1166.284
21.0	1143.843	1151.852	1159.301	1162.606	1161.075
21.5	1137.813	1145.971	1153.775	1157.005	1155.959
22.0	1131.782	1139.960	1147.876	1151.348	1150.620
22.5	1125.678	1133.892	1142.125	1145.822	1145.187
23.0	1119.255	1127.712	1136.188	1140.090	1139.736
23.5	1112.796	1121.290	1130.177	1134.228	1134.247
24.0	1106.205	1114.905	1123.923	1128.329	1128.665
24.5	1099.503	1108.296	1117.575	1122.392	1123.064
25.0	1092.595	1101.631	1111.003	1116.081	1117.538
25.5	1085.855	1094.798	1104.656	1110.163	1112.291
26.0	1078.798	1087.946	1097.972	1103.946	1106.784
26.5	1071.741	1080.777	1091.139	1097.860	1101.146

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CANDELA TABULATION - (Cont.)

27.0	1064.180	1073.758	1084.325	1091.680	1095.844
27.5	1057.011	1066.458	1077.454	1085.594	1090.542
28.0	1049.431	1058.953	1070.341	1079.396	1085.258
28.5	1042.113	1051.709	1063.359	1073.328	1079.825
29.0	1034.346	1044.073	1056.246	1067.335	1074.728
29.5	1026.374	1036.232	1048.909	1061.249	1069.426
30.0	1018.739	1028.521	1041.553	1055.424	1064.236
30.5	1010.729	1020.830	1034.197	1049.338	1059.083
31.0	1002.328	1012.727	1026.692	1043.345	1053.707
31.5	994.263	1004.737	1019.168	1037.445	1048.666
32.0	986.048	996.783	1011.607	1031.602	1043.494
32.5	977.535	988.382	1004.027	1025.609	1038.416
33.0	969.059	980.018	996.541	1019.691	1033.301
33.5	960.620	971.505	988.886	1013.829	1028.297
34.0	951.790	962.805	981.026	1007.873	1023.051
34.5	943.071	954.385	973.558	1001.936	1018.328
35.0	934.371	945.704	965.923	996.130	1013.306
35.5	925.391	936.798	958.305	990.137	1008.358
36.0	916.579	928.080	950.819	984.648	1003.542
36.5	907.599	919.174	943.071	978.935	998.706
37.0	898.302	910.157	935.529	973.073	993.516
37.5	889.415	901.158	928.117	967.528	988.811
38.0	880.286	892.122	920.462	961.778	983.621
38.5	870.970	882.974	912.957	956.028	978.693
39.0	861.784	873.751	905.284	950.408	973.484
39.5	852.449	864.510	897.704	944.621	968.331
40.0	842.779	855.063	889.844	938.740	962.767
40.5	833.724	845.747	882.395	933.008	957.297
41.0	824.277	836.450	874.797	927.090	951.622
41.5	814.625	826.947	867.142	921.078	946.208
42.0	805.309	817.276	859.525	915.030	940.383
42.5	795.825	807.885	852.095	908.850	934.689
43.0	786.079	798.214	844.328	902.558	928.826
43.5	776.651	788.618	836.860	896.192	922.796
44.0	767.130	778.948	829.430	889.695	916.766
44.5	757.254	769.370	821.850	883.142	910.231
45.0	747.639	759.643	814.364	876.533	903.697
45.5	738.080	749.879	806.840	869.887	897.032
46.0	728.335	740.078	799.335	862.998	889.676
46.5	718.757	730.500	791.718	856.239	882.115
47.0	709.385	720.736	784.175	849.182	874.013
47.5	699.453	710.879	776.595	841.752	865.499
48.0	689.875	701.152	768.847	834.004	856.482
48.5	680.335	691.444	761.249	825.808	846.979
49.0	670.496	681.549	753.314	817.500	837.290
49.5	660.882	671.878	745.473	808.707	827.302
50.0	651.454	662.357	737.408	799.596	817.108
50.5	641.801	652.462	729.305	790.485	806.298
51.0	632.243	642.922	721.203	781.319	795.619
51.5	622.740	633.288	713.119	770.696	785.034
52.0	613.032	623.449	704.531	759.569	774.075
52.5	603.398	613.891	696.335	748.591	763.060
53.0	594.045	604.556	688.083	737.837	752.138
53.5	584.467	594.885	679.252	726.878	740.656
54.0	575.263	585.532	670.795	716.237	729.100
54.5	565.574	575.991	661.890	705.427	717.394

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CANDELA TABULATION - (Cont.)

55.0	556.034	566.545	652.760	694.225	705.446
55.5	546.736	557.359	643.650	683.024	693.871
56.0	537.196	548.118	634.110	671.635	681.978
56.5	527.712	538.671	624.140	659.967	669.507
57.0	518.303	529.598	613.965	648.429	657.260
57.5	509.061	520.338	603.790	636.854	644.639
58.0	499.577	510.984	593.130	625.130	631.795
58.5	490.298	501.986	582.507	613.330	618.913
59.0	480.814	492.912	571.697	601.195	605.545
59.5	471.498	483.857	560.664	588.929	592.309
60.0	462.257	474.859	549.723	576.682	579.072
60.5	453.053	465.935	538.727	564.099	565.779
61.0	443.587	456.955	527.675	551.329	552.225
61.5	434.495	448.068	516.790	538.727	539.213
62.0	425.291	439.499	505.663	526.032	526.293
62.5	416.218	430.612	494.555	513.094	513.523
63.0	407.144	422.024	483.353	500.548	500.921
63.5	397.716	413.268	472.413	487.853	488.431
64.0	388.680	404.437	460.931	475.325	475.904
64.5	379.607	395.775	450.010	463.190	463.694
65.0	370.590	387.149	438.864	451.186	451.335
65.5	361.386	378.337	427.569	439.051	439.032
66.0	352.555	369.544	416.274	427.308	426.859
66.5	343.519	360.732	404.867	415.602	414.836
67.0	334.445	351.696	393.292	403.541	402.290
67.5	325.540	343.071	382.053	392.116	390.379
68.0	316.616	334.128	370.702	380.503	378.487
68.5	307.673	325.297	359.369	368.872	366.501
69.0	298.992	316.523	348.112	357.222	354.534
69.5	290.348	307.431	337.134	345.759	342.772
70.0	281.461	298.171	325.969	334.203	330.450
70.5	272.892	288.985	315.421	322.852	319.024
71.0	264.285	279.669	304.836	311.594	307.337
71.5	255.753	270.390	294.250	300.318	295.613
72.0	247.035	261.149	283.795	289.135	284.075
72.5	238.839	251.796	273.471	278.026	272.743
73.0	230.232	242.311	263.147	266.806	260.944
73.5	221.831	233.238	253.028	255.922	250.097
74.0	213.672	224.146	242.946	244.888	238.951
74.5	205.421	215.017	232.827	234.097	227.731
75.0	197.262	205.906	223.026	223.306	217.089
75.5	189.215	197.169	213.355	212.739	206.279
76.0	180.945	188.170	203.442	202.191	195.544
76.5	173.029	179.433	193.845	191.904	185.220
77.0	165.281	170.789	184.399	181.822	175.176
77.5	157.515	162.070	174.859	171.423	165.057
78.0	149.767	153.426	165.468	161.547	155.088
78.5	142.075	144.894	156.282	151.783	145.491
79.0	134.495	136.511	146.892	141.926	135.578
79.5	127.065	128.521	137.837	132.553	126.430
80.0	119.896	120.624	128.857	123.275	117.431
80.5	112.204	112.652	119.784	114.015	108.376
81.0	105.203	104.960	111.177	105.240	99.732
81.5	98.127	97.399	102.608	96.465	91.257
82.0	91.032	89.894	94.001	87.803	82.893
82.5	84.013	82.743	85.730	79.476	74.846

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CANDELA TABULATION - (Cont.)

83.0	77.273	75.481	77.665	71.411	66.986
83.5	70.515	68.461	69.507	63.402	59.369
84.0	64.018	61.553	61.759	55.710	51.827
84.5	57.353	54.795	54.160	48.130	44.489
85.0	51.024	48.055	46.748	40.531	36.779
85.5	44.788	41.652	39.486	33.176	30.114
86.0	38.497	35.341	32.410	26.175	23.430
86.5	32.336	29.292	25.148	19.510	17.120
87.0	26.100	23.300	18.539	13.722	12.359
87.5	20.350	17.568	12.359	9.708	9.204
88.0	15.048	12.023	7.580	6.684	6.534
88.5	10.212	6.908	4.555	4.331	4.145
89.0	5.806	2.856	2.352	1.998	1.811
89.5	1.568	0.747	0.467	0.355	0.448
90.0	0.187	0.093	0.075	0.261	0.093
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-LED28FRDMV35.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-LED28FRDMV35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	463.00	N.A.	13.30
0-30	973.67	N.A.	28.00
0-40	1581.18	N.A.	45.40
0-60	2780.28	N.A.	79.90
0-80	3426.31	N.A.	98.40
0-90	3480.26	N.A.	100.00
10-90	3359.73	N.A.	96.50
20-40	1118.18	N.A.	32.10
20-50	1749.69	N.A.	50.30
40-70	1616.96	N.A.	46.50
60-80	646.03	N.A.	18.60
70-80	228.16	N.A.	6.60
80-90	53.95	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	3480.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	120.52
10-20	342.48
20-30	510.67
30-40	607.51
40-50	631.51
50-60	567.59
60-70	417.86
70-80	228.16
80-90	53.95
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

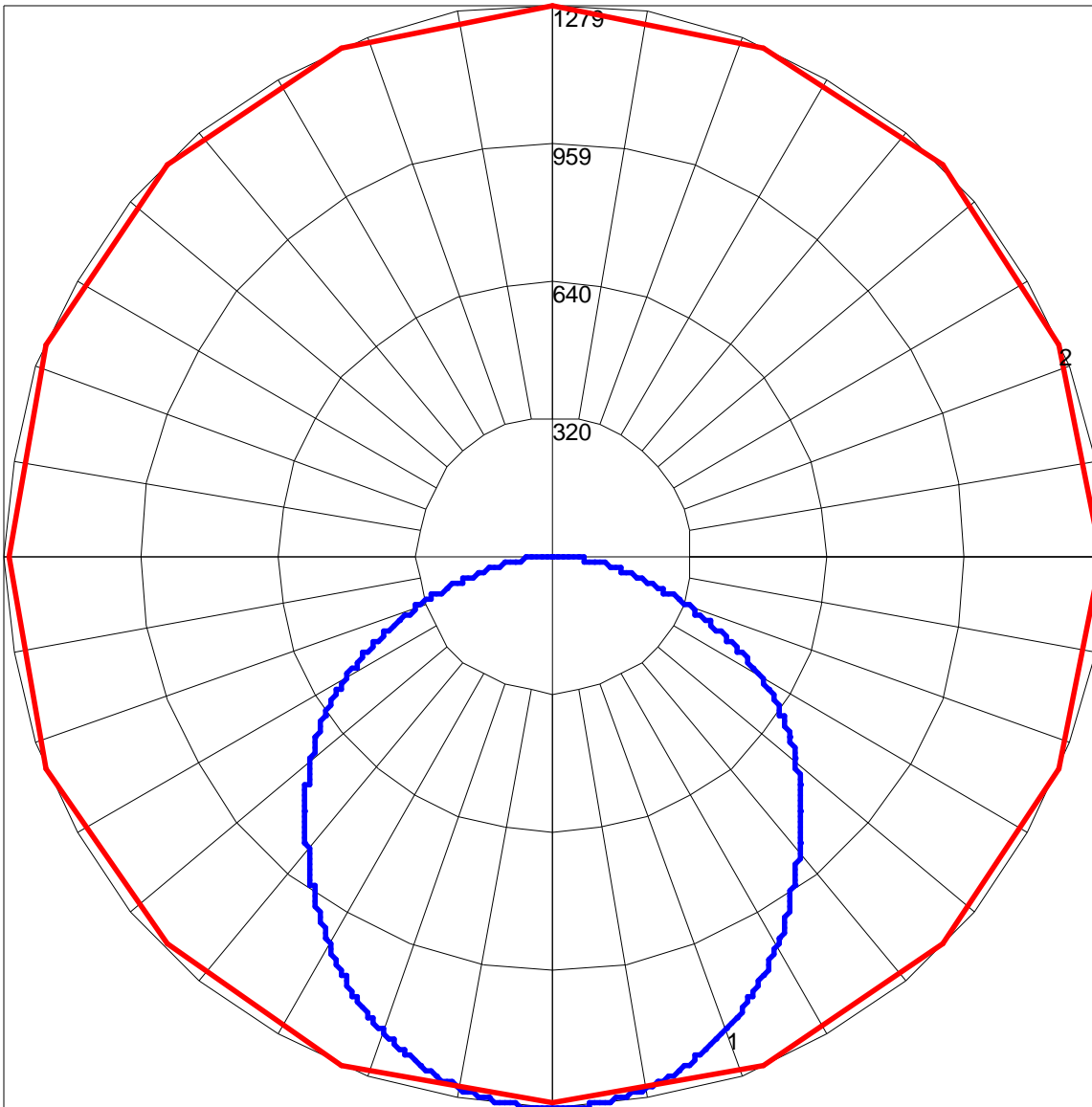
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	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 = 1279.066 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.)