



IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED28FRDMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA001002-009A-Extrapolated
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] RKDISE24-LED28FRDMV40
 [LUMINAIRE] Catalog Number: RKDISE24-LED28FRDMV40
 [MORE] Recessed retrofit kit installed in a Mobern Lighting RG24-232MV 2x4 recessed housing,
 [MORE] formed white enamel steel housing/reflector, textured translucent white plastic center enclosure.
 [MORE] 128 white LEDs, four ULT Everline M10CC840D32N2W LED boards with 32 LEDs each.
 [MORE] One ULT Everline D10CC30UNVPW-C LED driver programmed to 525mA.
 [MORE] 120.0Vac, 60.00Hz, 0.2333A, 28W, 0.984PF, 7.1%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 3.820a.
 [DATE] This file created: Monday March 23, 2020
 [ISSUEDATE] Monday March 23, 2020

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4060
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.17 m
Luminous Width (90-270)	0.50 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	2086	2228	2344
55	1933	2129	2326
65	1736	2066	2422
75	1422	2166	2453
85	852	1209	980

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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	1435.099	1435.099	1435.099	1435.099	1435.099
0.5	1423.880	1438.687	1438.096	1437.147	1428.500
1.0	1423.647	1438.563	1437.848	1436.927	1428.390
1.5	1423.193	1438.178	1437.491	1436.638	1428.211
2.0	1422.506	1437.615	1436.941	1436.254	1428.018
2.5	1421.736	1436.803	1436.295	1435.594	1427.482
3.0	1420.718	1435.965	1435.415	1434.892	1426.919
3.5	1419.646	1434.879	1434.453	1434.054	1426.396
4.0	1418.532	1433.683	1433.270	1433.050	1425.489
4.5	1417.213	1432.418	1432.088	1431.937	1424.636
5.0	1415.687	1430.919	1430.741	1430.741	1423.495
5.5	1413.872	1429.270	1429.256	1429.338	1422.423
6.0	1412.126	1427.606	1427.757	1427.881	1421.158
6.5	1409.954	1425.640	1425.750	1426.176	1419.701
7.0	1407.809	1423.633	1423.908	1424.389	1418.216
7.5	1405.527	1421.268	1421.983	1422.547	1416.608
8.0	1403.093	1418.876	1419.756	1420.581	1414.779
8.5	1400.330	1416.374	1417.350	1418.367	1412.951
9.0	1397.525	1413.652	1414.848	1416.126	1410.888
9.5	1394.625	1410.806	1412.263	1413.858	1408.840
10.0	1391.518	1407.781	1409.541	1411.356	1406.558
10.5	1388.191	1404.716	1406.640	1408.799	1404.193
11.0	1384.657	1401.251	1403.561	1406.008	1401.677
11.5	1381.207	1397.855	1400.399	1403.121	1399.106
12.0	1377.398	1394.198	1397.127	1400.041	1396.288
12.5	1373.439	1390.583	1393.717	1396.989	1393.566
13.0	1369.411	1386.500	1390.019	1393.731	1390.528
13.5	1365.424	1382.540	1386.376	1390.253	1387.503
14.0	1361.107	1378.484	1382.636	1386.898	1384.369
14.5	1356.694	1374.168	1378.512	1383.186	1380.904
15.0	1352.157	1369.562	1374.484	1379.364	1377.550
15.5	1347.373	1364.929	1370.153	1375.501	1374.003
16.0	1342.465	1360.158	1365.946	1371.514	1370.236
16.5	1337.378	1355.209	1361.286	1367.362	1366.469
17.0	1332.236	1350.329	1356.708	1363.197	1362.509
17.5	1326.861	1344.981	1351.923	1358.674	1358.522
18.0	1321.458	1339.743	1347.084	1354.288	1354.384
18.5	1316.014	1334.257	1342.176	1349.779	1350.081
19.0	1310.267	1328.675	1336.869	1344.981	1345.833
19.5	1304.575	1323.025	1331.659	1340.155	1341.186
20.0	1298.526	1317.100	1326.283	1335.137	1336.512
20.5	1292.436	1311.147	1320.784	1330.023	1331.975
21.0	1286.222	1305.001	1315.079	1324.744	1326.847
21.5	1279.815	1298.719	1309.456	1319.561	1321.994
22.0	1273.230	1292.298	1303.503	1313.869	1316.866
22.5	1266.686	1285.960	1297.550	1308.425	1311.738
23.0	1260.155	1279.375	1291.515	1302.829	1306.404
23.5	1253.240	1272.487	1285.300	1297.000	1300.904
24.0	1246.339	1265.792	1278.963	1291.075	1295.392
24.5	1239.066	1258.602	1272.377	1285.012	1289.782
25.0	1232.068	1251.604	1265.943	1278.866	1283.981
25.5	1224.479	1244.263	1259.124	1272.584	1278.000
26.0	1217.165	1236.963	1252.388	1266.218	1272.006
26.5	1209.577	1229.442	1245.418	1259.633	1265.888

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CANDELA TABULATION - (Cont.)

27.0	1202.043	1221.840	1238.475	1253.116	1259.674
27.5	1194.316	1214.375	1231.518	1246.531	1253.501
28.0	1186.329	1206.469	1224.218	1239.630	1247.026
28.5	1178.396	1198.592	1216.932	1232.824	1240.564
29.0	1170.133	1190.398	1209.412	1225.730	1233.704
29.5	1161.995	1182.424	1201.905	1218.636	1226.995
30.0	1153.663	1174.079	1194.165	1211.185	1220.217
30.5	1145.318	1165.858	1186.549	1204.050	1213.206
31.0	1136.685	1157.238	1178.589	1196.447	1206.140
31.5	1128.065	1148.824	1170.725	1189.133	1198.826
32.0	1119.555	1140.342	1162.902	1181.503	1191.910
32.5	1110.591	1131.419	1154.543	1173.749	1184.294
33.0	1101.737	1122.744	1146.336	1165.968	1176.829
33.5	1092.609	1113.712	1138.059	1157.953	1169.281
34.0	1083.425	1104.721	1129.549	1149.910	1161.500
34.5	1074.379	1095.537	1120.984	1141.758	1153.787
35.0	1065.085	1086.229	1112.406	1133.633	1145.855
35.5	1055.791	1077.170	1103.868	1125.260	1137.908
36.0	1046.264	1067.807	1095.001	1116.901	1129.907
36.5	1037.108	1058.513	1086.353	1108.542	1121.809
37.0	1027.292	1048.904	1077.252	1099.922	1113.478
37.5	1017.709	1039.363	1068.385	1091.481	1105.298
38.0	1007.783	1029.629	1059.146	1082.490	1096.733
38.5	998.105	1019.978	1049.976	1073.815	1088.388
39.0	988.206	1010.093	1040.614	1064.824	1079.713
39.5	978.184	1000.318	1031.416	1055.943	1071.230
40.0	968.079	990.255	1021.861	1046.731	1062.349
40.5	958.167	980.315	1012.485	1037.782	1053.660
41.0	948.076	970.471	1002.972	1028.639	1044.807
41.5	937.889	960.339	993.320	1019.510	1035.994
42.0	927.688	950.289	983.628	1010.313	1027.127
42.5	917.294	939.909	973.922	1000.841	1017.984
43.0	907.093	929.777	964.120	991.574	1008.911
43.5	896.576	919.494	954.139	982.171	999.700
44.0	886.251	909.183	944.268	972.643	990.626
44.5	875.638	898.803	934.204	963.075	981.208
45.0	865.162	888.588	924.319	953.671	972.094
45.5	854.892	878.236	914.324	944.213	962.924
46.0	844.100	867.623	904.027	934.562	953.506
46.5	833.472	857.298	893.922	924.952	944.116
47.0	822.955	846.574	883.570	915.163	934.630
47.5	812.397	836.167	873.397	905.512	925.323
48.0	801.715	825.499	862.962	895.668	915.823
48.5	790.950	814.926	852.871	886.031	906.296
49.0	780.240	804.189	842.340	876.243	896.755
49.5	769.572	793.603	831.891	866.536	887.337
50.0	758.848	783.045	821.663	856.913	877.851
50.5	748.056	772.170	811.063	847.056	868.379
51.0	737.223	761.529	800.697	837.294	858.769
51.5	726.334	750.668	789.960	827.478	849.159
52.0	715.473	740.000	779.649	817.786	839.797
52.5	704.571	729.125	768.939	807.915	829.994
53.0	693.848	718.512	758.615	798.360	820.563
53.5	682.794	707.513	747.919	788.407	810.967
54.0	672.098	696.859	737.511	778.769	801.536
54.5	661.334	686.121	727.022	769.187	792.036

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55.0	650.253	675.192	716.353	759.385	782.605
55.5	639.296	664.345	705.987	749.802	773.256
56.0	628.352	653.415	695.291	740.069	763.784
56.5	617.560	642.623	684.967	730.445	754.724
57.0	606.603	631.611	674.408	720.711	745.513
57.5	595.618	620.818	664.042	711.253	736.480
58.0	584.661	609.751	653.539	701.753	727.420
58.5	573.677	599.028	643.228	692.473	718.457
59.0	562.651	588.098	632.972	683.234	709.603
59.5	551.817	577.086	622.551	674.133	700.722
60.0	540.654	566.294	612.377	665.059	691.882
60.5	529.545	555.185	601.956	656.027	682.671
61.0	518.740	544.407	591.851	647.050	673.941
61.5	507.507	533.285	581.582	637.962	664.730
62.0	496.591	522.561	571.504	628.930	655.793
62.5	485.483	511.398	561.056	619.774	646.417
63.0	474.430	500.743	551.226	610.837	637.440
63.5	463.500	489.910	541.341	601.887	628.339
64.0	452.543	479.145	531.539	592.759	619.141
64.5	441.545	468.339	521.778	583.644	609.861
65.0	430.285	457.520	512.113	574.433	600.499
65.5	419.341	446.796	502.627	565.290	591.274
66.0	408.192	435.908	493.154	556.065	581.609
66.5	397.455	425.267	483.943	546.813	572.315
67.0	386.236	414.420	474.581	537.327	562.678
67.5	375.155	403.916	465.494	528.198	553.233
68.0	364.528	393.523	456.420	518.946	543.692
68.5	353.379	382.868	447.044	509.432	533.931
69.0	342.614	372.612	437.998	500.125	524.417
69.5	331.904	362.109	428.759	490.377	514.340
70.0	321.098	351.839	419.699	481.001	504.524
70.5	310.196	341.459	410.543	471.336	494.516
71.0	299.486	331.437	401.497	461.740	484.576
71.5	288.653	321.140	392.285	451.952	474.072
72.0	278.260	311.241	383.143	442.259	463.225
72.5	267.729	301.342	374.276	432.512	451.168
73.0	257.129	291.485	365.051	422.009	437.819
73.5	246.887	281.628	356.197	411.189	423.108
74.0	236.452	271.922	346.986	398.884	406.913
74.5	226.182	262.422	338.022	385.494	390.264
75.0	215.844	252.812	328.770	370.646	372.433
75.5	205.904	243.615	319.820	355.207	354.135
76.0	195.717	234.376	310.347	338.531	334.915
76.5	185.914	225.797	301.164	321.469	315.929
77.0	176.304	217.383	291.416	303.886	296.861
77.5	166.557	208.722	281.064	285.395	277.338
78.0	157.112	200.473	269.447	267.124	258.600
78.5	147.612	192.060	256.634	248.578	239.861
79.0	138.360	183.879	243.353	230.430	222.264
79.5	129.190	175.548	228.794	212.228	204.543
80.0	120.350	167.382	213.671	194.892	187.976
80.5	111.510	159.229	197.696	177.995	171.877
81.0	103.137	151.255	181.611	161.910	156.438
81.5	94.669	143.309	165.333	146.567	141.728
82.0	86.722	135.280	148.891	131.458	127.238
82.5	78.790	127.196	132.957	117.312	113.380

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CANDELA TABULATION - (Cont.)

83.0	71.283	118.590	117.229	103.481	99.810
83.5	63.873	109.420	102.244	90.338	87.135
84.0	56.820	98.944	88.056	77.690	74.212
84.5	50.084	88.070	74.624	65.537	62.210
85.0	43.567	76.260	61.811	53.645	50.098
85.5	37.615	64.231	50.221	42.536	38.893
86.0	32.129	52.215	39.525	31.744	28.032
86.5	26.547	40.460	29.105	21.254	17.199
87.0	21.639	30.081	19.866	11.713	7.864
87.5	17.075	20.622	11.260	4.427	2.873
88.0	13.074	12.992	4.894	2.516	1.705
88.5	9.252	6.943	2.681	1.664	1.306
89.0	5.568	3.272	1.609	1.004	0.729
89.5	1.842	1.265	0.577	0.454	0.481
90.0	0.247	0.192	0.179	0.179	0.289
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 : RKDISE24-LED28FRDMV40.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 : RKDISE24-LED28FRDMV40.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 : RKDISE24-LED28FRDMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	522.67	N.A.	12.90
0-30	1104.74	N.A.	27.20
0-40	1798.56	N.A.	44.30
0-60	3150.71	N.A.	77.60
0-80	3984.7	N.A.	98.10
0-90	4059.87	N.A.	100.00
10-90	3924.23	N.A.	96.70
20-40	1275.89	N.A.	31.40
20-50	1986.61	N.A.	48.90
40-70	1862.16	N.A.	45.90
60-80	833.99	N.A.	20.50
70-80	323.98	N.A.	8.00
80-90	75.17	N.A.	1.90
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4059.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	135.64
10-20	387.03
20-30	582.06
30-40	693.82
40-50	710.72
50-60	641.42
60-70	510.01
70-80	323.98
80-90	75.17
90-100	0.01
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

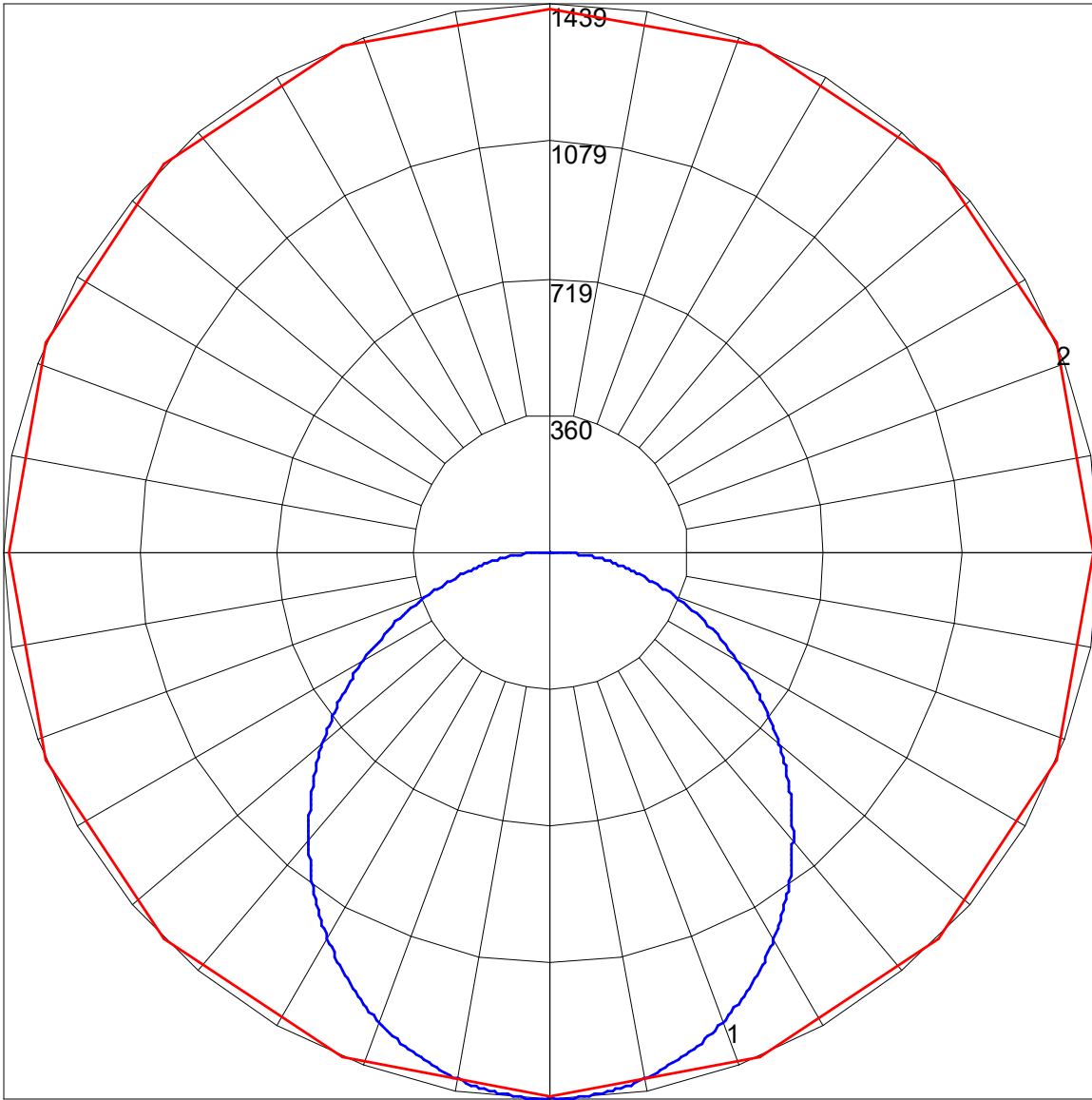
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED28FRDMV40.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	97	94	97	94	91	93	90	88	90	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 1438.687 Located At Horizontal Angle = 22.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)