



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.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-LED30FRDMV40

[LUMINAIRE] Catalog Number: RKDISE24-LED30FRDMV40

[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 560mA.

[MORE] 120.0Vac, 60.00Hz, 0.25A, 30W, 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	4315
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	30
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2217	2369	2491
55	2054	2263	2472
65	1845	2196	2575
75	1511	2302	2607
85	906	1285	1042

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1525.309	1525.309	1525.309	1525.309	1525.309
0.5	1513.386	1529.123	1528.495	1527.486	1518.295
1.0	1513.137	1528.991	1528.232	1527.253	1518.178
1.5	1512.655	1528.582	1527.852	1526.946	1517.988
2.0	1511.924	1527.983	1527.267	1526.537	1517.784
2.5	1511.106	1527.121	1526.580	1525.835	1517.214
3.0	1510.025	1526.230	1525.645	1525.090	1516.615
3.5	1508.885	1525.075	1524.622	1524.199	1516.060
4.0	1507.701	1523.804	1523.366	1523.132	1515.095
4.5	1506.299	1522.460	1522.109	1521.948	1514.189
5.0	1504.677	1520.867	1520.677	1520.677	1512.976
5.5	1502.748	1519.114	1519.099	1519.187	1511.837
6.0	1500.892	1517.345	1517.506	1517.638	1510.492
6.5	1498.583	1515.256	1515.373	1515.826	1508.943
7.0	1496.304	1513.123	1513.415	1513.926	1507.365
7.5	1493.878	1510.609	1511.369	1511.968	1505.656
8.0	1491.292	1508.067	1509.002	1509.879	1503.712
8.5	1488.355	1505.407	1506.445	1507.526	1501.769
9.0	1485.374	1502.514	1503.785	1505.144	1499.577
9.5	1482.291	1499.489	1501.038	1502.733	1497.400
10.0	1478.988	1496.275	1498.145	1500.074	1494.974
10.5	1475.452	1493.016	1495.062	1497.356	1492.461
11.0	1471.697	1489.334	1491.789	1494.390	1489.787
11.5	1468.029	1485.725	1488.428	1491.321	1487.054
12.0	1463.982	1481.838	1484.950	1488.048	1484.059
12.5	1459.773	1477.995	1481.326	1484.804	1481.166
13.0	1455.492	1473.655	1477.396	1481.341	1477.936
13.5	1451.255	1469.447	1473.523	1477.644	1474.722
14.0	1446.666	1465.136	1469.549	1474.079	1471.390
14.5	1441.976	1460.548	1465.165	1470.133	1467.708
15.0	1437.154	1455.653	1460.884	1466.071	1464.142
15.5	1432.069	1450.728	1456.281	1461.965	1460.373
16.0	1426.852	1445.658	1451.810	1457.728	1456.369
16.5	1421.446	1440.398	1446.856	1453.315	1452.365
17.0	1415.981	1435.210	1441.990	1448.887	1448.157
17.5	1410.267	1429.526	1436.905	1444.080	1443.919
18.0	1404.525	1423.959	1431.762	1439.419	1439.521
18.5	1398.738	1418.129	1426.545	1434.626	1434.947
19.0	1392.630	1412.196	1420.905	1429.526	1430.432
19.5	1386.581	1406.190	1415.367	1424.397	1425.493
20.0	1380.152	1399.893	1409.654	1419.064	1420.525
20.5	1373.678	1393.566	1403.809	1413.628	1415.703
21.0	1367.074	1387.034	1397.745	1408.017	1410.253
21.5	1360.264	1380.356	1391.768	1402.508	1405.095
22.0	1353.265	1373.532	1385.441	1396.459	1399.644
22.5	1346.310	1366.796	1379.114	1390.672	1394.194
23.0	1339.369	1359.797	1372.699	1384.725	1388.524
23.5	1332.019	1352.476	1366.095	1378.530	1382.679
24.0	1324.684	1345.360	1359.358	1372.232	1376.820
24.5	1316.954	1337.718	1352.359	1365.788	1370.858
25.0	1309.516	1330.280	1345.521	1359.256	1364.692
25.5	1301.450	1322.477	1338.273	1352.578	1358.336
26.0	1293.677	1314.718	1331.113	1345.813	1351.965
26.5	1285.611	1306.725	1323.705	1338.814	1345.462

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

CANDELA TABULATION - (Cont.)

27.0	1277.603	1298.645	1316.325	1331.887	1338.857
27.5	1269.391	1290.710	1308.932	1324.888	1332.297
28.0	1260.901	1282.308	1301.173	1317.553	1325.414
28.5	1252.470	1273.935	1293.428	1310.320	1318.547
29.0	1243.688	1265.227	1285.435	1302.780	1311.255
29.5	1235.038	1256.752	1277.457	1295.240	1304.124
30.0	1226.183	1247.882	1269.230	1287.320	1296.920
30.5	1217.313	1239.144	1261.135	1279.736	1289.468
31.0	1208.137	1229.982	1252.675	1271.656	1281.958
31.5	1198.975	1221.039	1244.317	1263.882	1274.184
32.0	1189.930	1212.024	1236.002	1255.772	1266.834
32.5	1180.403	1202.540	1227.118	1247.531	1258.739
33.0	1170.993	1193.320	1218.394	1239.261	1250.804
33.5	1161.290	1183.720	1209.598	1230.742	1242.782
34.0	1151.529	1174.163	1200.553	1222.194	1234.512
34.5	1141.914	1164.402	1191.450	1213.529	1226.314
35.0	1132.036	1154.510	1182.332	1204.893	1217.883
35.5	1122.159	1144.881	1173.257	1195.994	1209.437
36.0	1112.032	1134.930	1163.833	1187.110	1200.933
36.5	1102.301	1125.052	1154.641	1178.226	1192.326
37.0	1091.867	1114.838	1144.968	1169.064	1183.471
37.5	1081.683	1104.697	1135.543	1160.092	1174.777
38.0	1071.133	1094.352	1125.724	1150.535	1165.674
38.5	1060.846	1084.094	1115.978	1141.315	1156.804
39.0	1050.325	1073.588	1106.027	1131.759	1147.584
39.5	1039.673	1063.198	1096.251	1122.319	1138.568
40.0	1028.933	1052.502	1086.096	1112.529	1129.129
40.5	1018.397	1041.938	1076.130	1103.017	1119.894
41.0	1007.672	1031.475	1066.018	1093.299	1110.483
41.5	996.844	1020.706	1055.761	1083.597	1101.117
42.0	986.002	1010.025	1045.459	1073.821	1091.692
42.5	974.955	998.992	1035.143	1063.754	1081.975
43.0	964.113	988.223	1024.724	1053.905	1072.331
43.5	952.935	977.293	1014.116	1043.910	1062.541
44.0	941.961	966.334	1003.624	1033.784	1052.897
44.5	930.680	955.302	992.928	1023.614	1042.887
45.0	919.546	944.445	982.422	1013.619	1033.199
45.5	908.630	933.442	971.799	1003.566	1023.453
46.0	897.160	922.161	960.854	993.308	1013.444
46.5	885.865	911.188	950.114	983.094	1003.464
47.0	874.686	899.790	939.111	972.690	993.381
47.5	863.464	888.729	928.298	962.433	983.489
48.0	852.110	877.390	917.208	951.970	973.392
48.5	840.669	866.153	906.482	941.727	963.265
49.0	829.286	854.741	895.290	931.323	953.125
49.5	817.947	843.489	884.184	921.007	943.115
50.0	806.550	832.267	873.313	910.778	933.033
50.5	795.079	820.709	862.047	900.301	922.965
51.0	783.565	809.399	851.029	889.927	912.751
51.5	771.992	797.855	839.617	879.494	902.537
52.0	760.448	786.516	828.658	869.192	892.586
52.5	748.861	774.958	817.275	858.701	882.168
53.0	737.463	763.677	806.301	848.545	872.144
53.5	725.715	751.988	794.933	837.966	861.944
54.0	714.347	740.663	783.871	827.723	851.920
54.5	702.905	729.251	772.722	817.538	841.823

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

CANDELA TABULATION - (Cont.)

55.0	691.128	717.634	761.383	807.119	831.799
55.5	679.482	706.105	750.366	796.935	821.863
56.0	667.851	694.489	738.997	786.589	811.795
56.5	656.380	683.018	728.024	776.361	802.166
57.0	644.734	671.314	716.801	766.015	792.376
57.5	633.059	659.843	705.784	755.962	782.776
58.0	621.413	648.080	694.620	745.865	773.146
58.5	609.738	636.683	683.661	736.002	763.619
59.0	598.019	625.066	672.760	726.183	754.209
59.5	586.504	613.362	661.684	716.509	744.769
60.0	574.639	601.891	650.871	706.865	735.374
60.5	562.833	590.084	639.795	697.265	725.583
61.0	551.348	578.629	629.055	687.723	716.305
61.5	539.409	566.807	618.140	678.065	706.514
62.0	527.807	555.410	607.429	668.464	697.017
62.5	516.001	543.545	596.324	658.733	687.051
63.0	504.252	532.220	585.876	649.235	677.509
63.5	492.636	520.706	575.370	639.722	667.836
64.0	480.990	509.264	564.951	630.020	658.060
64.5	469.300	497.779	554.577	620.332	648.197
65.0	457.333	486.279	544.304	610.542	638.246
65.5	445.701	474.882	534.222	600.824	628.442
66.0	433.851	463.309	524.154	591.020	618.169
66.5	422.439	451.999	514.364	581.186	608.291
67.0	410.515	440.470	504.413	571.103	598.048
67.5	398.738	429.306	494.754	561.401	588.010
68.0	387.442	418.260	485.110	551.567	577.869
68.5	375.592	406.935	475.145	541.455	567.494
69.0	364.151	396.034	465.530	531.563	557.382
69.5	352.768	384.871	455.711	521.203	546.672
70.0	341.283	373.955	446.081	511.237	536.239
70.5	329.695	362.923	436.350	500.965	525.601
71.0	318.312	352.271	426.735	490.765	515.036
71.5	306.798	341.326	416.945	480.361	503.873
72.0	295.751	330.806	407.227	470.060	492.343
72.5	284.558	320.285	397.803	459.700	479.529
73.0	273.292	309.808	387.998	448.536	465.340
73.5	262.406	299.331	378.587	437.036	449.705
74.0	251.315	289.015	368.797	423.958	432.492
74.5	240.400	278.918	359.270	409.726	414.797
75.0	229.412	268.704	349.436	393.945	395.845
75.5	218.847	258.928	339.924	377.535	376.396
76.0	208.019	249.109	329.856	359.811	355.968
76.5	197.601	239.991	320.095	341.677	335.788
77.0	187.387	231.048	309.735	322.988	315.521
77.5	177.027	221.842	298.732	303.335	294.772
78.0	166.988	213.075	286.385	283.915	274.855
78.5	156.891	204.132	272.766	264.203	254.939
79.0	147.057	195.438	258.651	244.915	236.235
79.5	137.311	186.583	243.176	225.569	217.400
80.0	127.915	177.904	227.103	207.143	199.793
80.5	118.520	169.239	210.123	189.184	182.682
81.0	109.621	160.763	193.027	172.088	166.272
81.5	100.620	152.318	175.726	155.781	150.637
82.0	92.174	143.784	158.250	139.722	135.236
82.5	83.743	135.192	141.315	124.686	120.507

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES**

CANDELA TABULATION - (Cont.)

83.0	75.764	126.045	124.598	109.986	106.085
83.5	67.888	116.299	108.671	96.017	92.612
84.0	60.392	105.164	93.591	82.574	78.877
84.5	53.232	93.606	79.315	69.656	66.120
85.0	46.306	81.054	65.696	57.017	53.247
85.5	39.979	68.268	53.378	45.210	41.338
86.0	34.149	55.497	42.010	33.740	29.794
86.5	28.216	43.004	30.934	22.590	18.280
87.0	23.000	31.971	21.115	12.450	8.358
87.5	18.148	21.918	11.967	4.705	3.054
88.0	13.896	13.809	5.202	2.674	1.812
88.5	9.834	7.379	2.849	1.768	1.388
89.0	5.918	3.478	1.710	1.067	0.774
89.5	1.958	1.344	0.614	0.482	0.511
90.0	0.263	0.205	0.190	0.190	0.307
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

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-LED30FRDMV40.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-LED30FRDMV40.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-LED30FRDMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	555.53	N.A.	12.90
0-30	1174.18	N.A.	27.20
0-40	1911.62	N.A.	44.30
0-60	3348.76	N.A.	77.60
0-80	4235.18	N.A.	98.10
0-90	4315.08	N.A.	100.00
10-90	4170.91	N.A.	96.70
20-40	1356.09	N.A.	31.40
20-50	2111.49	N.A.	48.90
40-70	1979.21	N.A.	45.90
60-80	886.42	N.A.	20.50
70-80	344.35	N.A.	8.00
80-90	79.90	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	4315.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	144.17
10-20	411.36
20-30	618.65
30-40	737.44
40-50	755.40
50-60	681.74
60-70	542.07
70-80	344.35
80-90	79.90
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

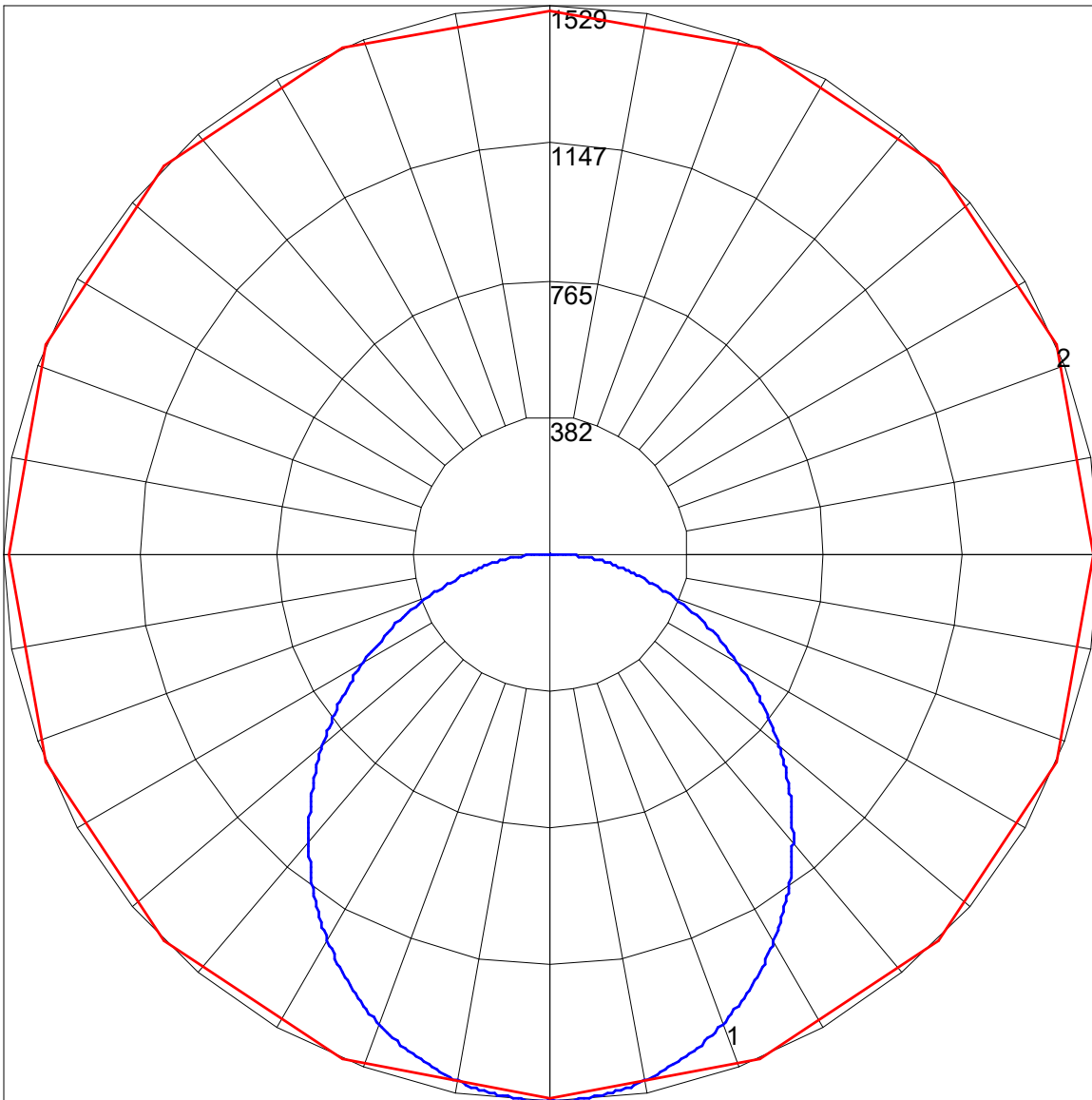
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDISE24-LED30FRDMV40.IES

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 = 1529.123 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.)