



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RKDIS24-LED32FRDMV35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000617-006
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] RKDIS24-LED32FRDMV35
 [LUMINAIRE] Catalog Number: RKDIS24-LED32FRDMV35
 [MORE] 2x4 Retrofit kit installed in Mobern recessed RG24 housing with side bracket mounting rails,
 [MORE] formed white steel housing with frosted plastic enclosure. 192 LEDs, six Universal
 [MORE] Lighting Technologies Everline M10CC835D32N2S boards with 32 LEDs each.
 [MORE] UNVLT D10CC55UNVTZ-C LED driver output set to 875mA.
 [MORE] 120.0Vac, 60.0Hz, 0.1325A, 32.05W, 0.997PF, 4.81%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 LLIA000617-006
 [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	4531
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	32
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.40
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	2181	2484	2775
55	2019	2501	2888
65	1834	2475	3007
75	1599	2452	3184
85	1304	2214	2374

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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	1491.417	1491.417	1491.417	1491.417	1491.417
0.5	1490.645	1492.731	1493.690	1491.750	1484.367
1.0	1490.290	1492.543	1493.315	1491.625	1484.305
1.5	1489.894	1492.293	1492.918	1491.438	1484.054
2.0	1489.498	1491.834	1492.397	1491.083	1483.679
2.5	1488.664	1491.333	1491.938	1490.603	1483.408
3.0	1487.850	1490.687	1491.187	1490.165	1483.137
3.5	1486.307	1489.998	1490.124	1489.435	1482.574
4.0	1485.097	1489.018	1489.352	1488.643	1481.948
4.5	1483.450	1488.226	1488.142	1487.746	1481.343
5.0	1482.094	1487.329	1487.058	1486.745	1480.759
5.5	1480.238	1486.515	1485.639	1485.639	1479.695
6.0	1478.152	1485.389	1484.221	1484.117	1478.694
6.5	1476.046	1483.929	1482.678	1482.949	1477.631
7.0	1473.751	1482.198	1480.989	1481.593	1476.567
7.5	1471.228	1480.300	1479.466	1480.113	1475.420
8.0	1468.558	1477.923	1477.797	1478.402	1473.918
8.5	1465.784	1475.044	1476.004	1476.713	1472.709
9.0	1462.698	1472.563	1474.148	1474.794	1471.103
9.5	1459.444	1469.455	1472.104	1473.063	1469.288
10.0	1456.086	1466.222	1469.580	1470.769	1467.474
10.5	1452.561	1462.864	1466.744	1468.662	1465.701
11.0	1448.619	1459.360	1464.220	1466.431	1463.824
11.5	1444.594	1455.794	1461.238	1463.991	1461.759
12.0	1440.569	1451.894	1458.339	1461.592	1459.611
12.5	1436.231	1447.889	1454.897	1459.110	1457.546
13.0	1431.601	1443.677	1451.206	1456.441	1455.335
13.5	1427.137	1439.276	1447.347	1453.521	1452.874
14.0	1422.215	1434.792	1443.113	1450.768	1450.455
14.5	1417.252	1429.911	1439.213	1447.660	1447.806
15.0	1412.475	1425.052	1435.271	1444.678	1445.262
15.5	1407.407	1420.046	1431.142	1441.591	1442.655
16.0	1402.193	1414.665	1426.929	1438.254	1439.672
16.5	1397.021	1409.347	1422.778	1434.917	1437.148
17.0	1391.348	1403.987	1418.503	1431.538	1434.083
17.5	1385.946	1398.481	1414.019	1427.951	1430.766
18.0	1380.169	1392.933	1409.639	1424.343	1427.680
18.5	1374.371	1387.531	1404.988	1420.422	1424.176
19.0	1368.281	1381.796	1400.066	1416.647	1421.173
19.5	1362.358	1375.956	1395.311	1412.455	1417.544
20.0	1356.205	1370.033	1390.326	1408.534	1414.060
20.5	1349.406	1363.922	1385.195	1404.487	1410.306
21.0	1343.045	1357.853	1380.148	1400.316	1407.053
21.5	1336.496	1351.387	1374.851	1395.832	1403.069
22.0	1329.488	1344.901	1369.303	1391.369	1399.232
22.5	1322.710	1338.269	1363.880	1386.989	1395.269
23.0	1315.347	1331.657	1358.311	1382.275	1391.098
23.5	1308.131	1324.649	1352.409	1377.416	1387.218
24.0	1301.061	1317.808	1346.715	1372.661	1382.818
24.5	1293.365	1310.571	1340.855	1367.905	1378.521
25.0	1285.794	1303.418	1334.640	1363.046	1374.350
25.5	1278.015	1296.014	1328.633	1357.915	1369.845
26.0	1270.235	1288.651	1322.355	1352.826	1365.382
26.5	1262.018	1281.164	1316.098	1347.466	1360.793

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CANDELA TABULATION - (Cont.)

27.0	1254.176	1273.301	1309.528	1342.127	1355.996
27.5	1245.875	1265.459	1303.146	1336.871	1351.283
28.0	1237.157	1257.554	1296.306	1331.469	1346.361
28.5	1228.960	1249.546	1289.506	1325.859	1341.397
29.0	1220.430	1241.412	1282.770	1320.082	1336.517
29.5	1211.378	1233.153	1275.929	1314.242	1331.261
30.0	1202.681	1224.768	1268.900	1308.402	1326.026
30.5	1193.817	1216.217	1261.872	1302.646	1320.791
31.0	1184.787	1207.645	1254.468	1296.431	1315.410
31.5	1175.735	1198.969	1247.356	1290.403	1310.008
32.0	1166.329	1190.418	1239.973	1284.292	1304.669
32.5	1156.881	1181.116	1232.631	1277.869	1298.913
33.0	1147.579	1172.440	1225.081	1271.591	1293.427
33.5	1137.922	1163.409	1217.531	1265.209	1287.504
34.0	1128.329	1154.086	1209.898	1258.639	1281.581
34.5	1118.672	1145.076	1202.056	1252.132	1275.929
35.0	1108.953	1135.691	1194.235	1245.562	1270.089
35.5	1098.838	1126.097	1186.142	1238.909	1263.999
36.0	1088.847	1116.566	1178.217	1232.131	1257.826
36.5	1078.962	1107.118	1170.166	1225.331	1251.673
37.0	1068.742	1097.545	1161.928	1218.386	1245.437
37.5	1058.501	1087.805	1153.627	1211.524	1239.076
38.0	1048.094	1078.127	1145.493	1204.496	1233.132
38.5	1037.645	1068.221	1137.130	1197.384	1226.666
39.0	1027.300	1058.335	1128.579	1190.355	1220.451
39.5	1016.747	1048.178	1120.028	1183.097	1214.215
40.0	1006.173	1038.250	1111.372	1175.881	1207.583
40.5	995.578	1028.281	1102.842	1168.769	1201.138
41.0	985.066	1018.186	1094.291	1161.594	1194.985
41.5	974.221	1007.987	1085.281	1154.211	1188.270
42.0	963.313	997.747	1076.438	1146.974	1181.616
42.5	952.635	987.486	1067.532	1139.862	1175.276
43.0	941.914	977.141	1058.585	1132.333	1168.665
43.5	930.735	966.754	1049.679	1124.950	1162.220
44.0	919.807	956.222	1040.669	1117.650	1155.650
44.5	908.503	945.689	1031.388	1110.183	1148.851
45.0	897.782	935.449	1022.545	1102.842	1142.386
45.5	886.791	925.021	1013.368	1095.355	1135.733
46.0	875.424	914.322	1004.004	1087.992	1128.892
46.5	864.767	903.893	995.036	1080.547	1121.675
47.0	853.463	893.382	985.567	1073.122	1114.313
47.5	842.430	882.578	976.202	1065.676	1106.554
48.0	831.063	871.962	966.921	1058.168	1098.358
48.5	820.259	861.346	957.619	1050.201	1090.141
49.0	808.747	850.626	948.025	1042.254	1081.381
49.5	797.589	840.177	938.786	1033.682	1072.559
50.0	786.618	829.499	929.442	1024.902	1063.486
50.5	775.189	818.570	919.911	1015.725	1054.080
51.0	764.177	808.079	910.651	1006.632	1044.695
51.5	752.831	797.526	901.265	996.913	1035.121
52.0	741.422	786.618	891.692	987.277	1025.569
52.5	730.389	775.606	882.349	977.329	1015.558
53.0	719.169	765.157	872.963	967.359	1005.505
53.5	707.927	754.145	863.536	957.014	995.536
54.0	696.831	743.404	854.088	946.857	985.400
54.5	685.694	732.767	844.599	936.283	975.013

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CANDELA TABULATION - (Cont.)

55.0	674.140	721.817	835.047	925.709	964.335
55.5	663.232	711.160	825.682	915.010	954.136
56.0	651.782	700.294	816.005	904.415	943.687
56.5	640.290	689.407	805.660	893.528	933.051
57.0	629.570	678.561	795.273	882.641	922.330
57.5	618.224	668.008	784.637	871.816	911.610
58.0	606.878	657.058	773.312	860.762	900.577
58.5	595.741	646.359	762.091	849.938	889.419
59.0	584.791	635.514	750.662	838.842	878.136
59.5	573.299	624.710	738.878	827.476	866.581
60.0	562.162	614.073	727.365	816.109	855.465
60.5	551.338	603.499	715.686	804.638	844.328
61.0	539.825	592.404	703.735	792.979	832.377
61.5	528.854	581.850	691.909	781.425	821.114
62.0	517.571	571.235	680.021	769.891	809.602
62.5	506.601	560.577	667.987	758.149	797.818
63.0	495.463	549.961	656.266	746.365	786.430
63.5	484.451	539.345	644.378	734.644	774.730
64.0	473.397	528.750	632.406	722.714	763.092
64.5	462.427	518.280	620.810	711.097	751.579
65.0	451.269	507.956	608.943	699.251	739.837
65.5	440.319	497.507	596.846	687.384	728.262
66.0	429.370	487.350	585.083	675.725	716.290
66.5	418.420	477.110	573.028	664.024	704.381
67.0	407.470	466.723	560.848	652.157	692.493
67.5	396.896	456.608	548.751	640.186	680.689
68.0	386.009	446.534	536.863	628.235	668.363
68.5	374.935	436.482	524.683	616.201	655.765
69.0	364.360	426.512	512.670	604.438	643.439
69.5	353.724	416.543	500.698	592.237	631.113
70.0	343.212	406.344	488.477	579.723	618.474
70.5	332.659	395.979	476.672	567.293	606.127
71.0	322.356	385.300	464.909	554.987	593.739
71.5	311.719	373.975	453.021	542.328	580.933
72.0	301.291	362.859	440.966	530.085	567.647
72.5	291.113	351.346	429.203	517.717	554.091
73.0	280.893	339.792	417.294	504.870	539.783
73.5	270.820	328.300	405.510	491.730	525.267
74.0	260.621	317.058	393.580	478.132	510.292
74.5	250.672	305.629	381.609	464.012	495.171
75.0	240.933	294.700	369.429	449.934	479.842
75.5	231.088	283.771	357.415	435.355	464.617
76.0	221.223	272.738	345.548	420.443	448.683
76.5	211.901	262.060	333.472	405.719	432.602
77.0	202.390	251.340	321.605	391.015	415.771
77.5	192.859	240.453	309.175	375.602	398.857
78.0	183.765	229.691	296.369	359.730	382.130
78.5	174.484	218.929	283.834	343.629	365.591
79.0	165.412	208.188	270.695	327.820	348.530
79.5	156.506	197.781	257.910	312.532	331.741
80.0	147.642	187.311	245.125	296.807	314.451
80.5	138.903	176.966	231.985	280.560	296.181
81.0	130.415	166.830	218.804	264.417	277.911
81.5	121.989	156.756	205.790	247.753	259.161
82.0	113.751	146.266	192.650	230.484	239.639
82.5	105.679	136.275	180.115	212.964	220.139

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CANDELA TABULATION - (Cont.)

83.0	97.399	126.223	167.289	194.882	200.263
83.5	89.390	116.128	153.878	176.424	180.199
84.0	81.611	105.992	140.530	158.091	159.947
84.5	73.831	96.148	126.744	139.696	140.217
85.0	66.156	86.012	112.332	121.092	120.466
85.5	58.460	76.585	98.067	102.822	101.341
86.0	50.910	67.074	83.509	84.718	82.466
86.5	43.548	57.730	68.555	67.053	64.154
87.0	36.311	48.178	54.060	50.222	46.489
87.5	29.303	38.459	39.877	34.100	29.658
88.0	22.149	28.469	25.987	19.021	14.370
88.5	15.517	18.750	13.494	6.445	3.650
89.0	8.927	9.510	3.984	2.023	1.293
89.5	3.587	3.066	1.627	1.168	0.605
90.0	0.563	0.793	0.521	0.375	0.042
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
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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 : RKDIS24-LED32FRDMV35.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	545.84	N.A.	12.00
0-30	1160.18	N.A.	25.60
0-40	1905.6	N.A.	42.10
0-60	3430.74	N.A.	75.70
0-80	4415.16	N.A.	97.40
0-90	4530.98	N.A.	100.00
10-90	4389.74	N.A.	96.90
20-40	1359.76	N.A.	30.00
20-50	2147.24	N.A.	47.40
40-70	2122.05	N.A.	46.80
60-80	984.42	N.A.	21.70
70-80	387.51	N.A.	8.60
80-90	115.82	N.A.	2.60
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	4530.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	141.23
10-20	404.61
20-30	614.33
30-40	745.43
40-50	787.48
50-60	737.66
60-70	596.92
70-80	387.51
80-90	115.82
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

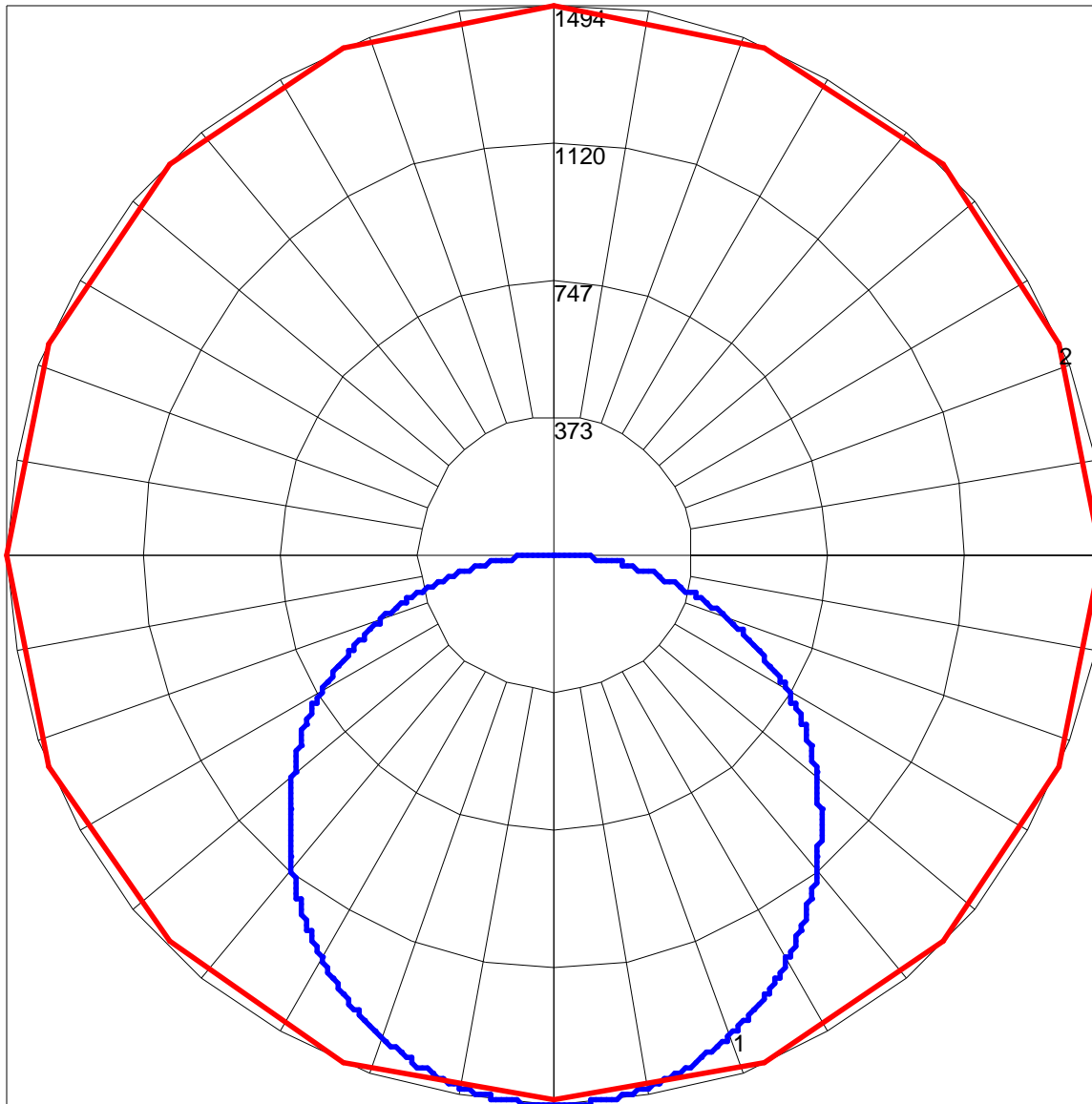
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	108	103	98	94	105	101	97	93	96	93	90	92	90	87	89	87	84	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68
3	89	78	69	63	86	76	68	62	73	66	61	70	65	60	68	63	59	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	51	45	58	50	44	56	49	44	54	48	43	41
6	69	55	46	39	67	54	45	39	52	44	39	51	44	38	49	43	38	36
7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	45	38	34	32
8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 1493.69 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.)