



IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDIS24-LED32FRDMV40.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-LED32FRDMV40
 [LUMINAIRE] Catalog Number: RKDIS24-LED32FRDMV40
 [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 M10CC840D32N2S 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	4671
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
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	2248	2561	2861
55	2081	2578	2977
65	1891	2551	3100
75	1648	2527	3283
85	1344	2282	2447

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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	3305.786	3305.786	3305.786	3305.786	3305.786
0.5	3304.076	3308.699	3310.825	3306.525	3290.161
1.0	3303.289	3308.282	3309.993	3306.248	3290.021
1.5	3302.412	3307.727	3309.114	3305.833	3289.466
2.0	3301.533	3306.710	3307.959	3305.046	3288.634
2.5	3299.684	3305.601	3306.942	3303.984	3288.034
3.0	3297.882	3304.169	3305.278	3303.012	3287.432
3.5	3294.459	3302.642	3302.920	3301.395	3286.185
4.0	3291.778	3300.471	3301.210	3299.639	3284.799
4.5	3288.127	3298.714	3298.529	3297.650	3283.457
5.0	3285.121	3296.725	3296.125	3295.431	3282.163
5.5	3281.008	3294.921	3292.980	3292.980	3279.806
6.0	3276.385	3292.425	3289.836	3289.606	3277.587
6.5	3271.715	3289.189	3286.415	3287.017	3275.229
7.0	3266.630	3285.353	3282.672	3284.012	3272.872
7.5	3261.036	3281.146	3279.296	3280.731	3270.328
8.0	3255.119	3275.876	3275.598	3276.940	3267.000
8.5	3248.972	3269.496	3271.623	3273.195	3264.319
9.0	3242.128	3263.994	3267.508	3268.942	3260.758
9.5	3234.916	3257.108	3262.977	3265.104	3256.738
10.0	3227.475	3249.941	3257.385	3260.019	3252.715
10.5	3219.662	3242.498	3251.098	3255.351	3248.787
11.0	3210.924	3234.732	3245.504	3250.404	3244.624
11.5	3202.003	3226.828	3238.892	3244.994	3240.049
12.0	3193.080	3218.182	3232.467	3239.679	3235.286
12.5	3183.465	3209.307	3224.839	3234.177	3230.711
13.0	3173.202	3199.969	3216.656	3228.260	3225.811
13.5	3163.308	3190.214	3208.105	3221.788	3220.356
14.0	3152.398	3180.274	3198.720	3215.686	3214.992
14.5	3141.396	3169.457	3190.074	3208.797	3209.122
15.0	3130.809	3158.685	3181.338	3202.188	3203.482
15.5	3119.577	3147.590	3172.185	3195.346	3197.703
16.0	3108.018	3135.664	3162.845	3187.948	3191.091
16.5	3096.554	3123.875	3153.647	3180.551	3185.499
17.0	3083.980	3111.994	3144.170	3173.063	3178.702
17.5	3072.006	3099.790	3134.230	3165.112	3171.353
18.0	3059.200	3087.493	3124.522	3157.113	3164.510
18.5	3046.349	3075.519	3114.212	3148.423	3156.743
19.0	3032.851	3062.806	3103.303	3140.054	3150.087
19.5	3019.722	3049.862	3092.763	3130.764	3142.043
20.0	3006.084	3036.734	3081.714	3122.073	3134.322
20.5	2991.012	3023.188	3070.342	3113.103	3126.001
21.0	2976.914	3009.735	3059.155	3103.858	3118.790
21.5	2962.397	2995.405	3047.413	3093.918	3109.960
22.0	2946.864	2981.027	3035.115	3084.025	3101.454
22.5	2931.839	2966.327	3023.096	3074.317	3092.671
23.0	2915.520	2951.672	3010.752	3063.870	3083.425
23.5	2899.526	2936.140	2997.671	3053.098	3074.827
24.0	2883.854	2920.977	2985.050	3042.558	3065.072
24.5	2866.795	2904.935	2972.059	3032.019	3055.549
25.0	2850.016	2889.078	2958.283	3021.247	3046.304
25.5	2832.772	2872.667	2944.970	3009.875	3036.317
26.0	2815.528	2856.348	2931.055	2998.596	3026.424
26.5	2797.315	2839.751	2917.184	2986.714	3016.254

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CANDELA TABULATION - (Cont.)

27.0	2779.931	2822.325	2902.624	2974.880	3005.622
27.5	2761.533	2804.941	2888.476	2963.229	2995.175
28.0	2742.210	2787.420	2873.314	2951.257	2984.263
28.5	2724.042	2769.669	2858.244	2938.821	2973.261
29.0	2705.134	2751.640	2843.312	2926.015	2962.444
29.5	2685.069	2733.332	2828.149	2913.071	2950.795
30.0	2665.791	2714.749	2812.570	2900.128	2939.191
30.5	2646.146	2695.796	2796.990	2887.367	2927.587
31.0	2626.129	2676.796	2780.578	2873.591	2915.660
31.5	2606.064	2657.563	2764.814	2860.231	2903.686
32.0	2585.215	2638.610	2748.450	2846.687	2891.852
32.5	2564.273	2617.993	2732.178	2832.447	2879.093
33.0	2543.655	2598.760	2715.441	2818.534	2866.935
33.5	2522.251	2578.743	2698.707	2804.386	2853.806
34.0	2500.987	2558.078	2681.788	2789.824	2840.676
34.5	2479.583	2538.108	2664.405	2775.401	2828.149
35.0	2458.039	2517.306	2647.071	2760.838	2815.203
35.5	2435.618	2496.040	2629.132	2746.093	2801.705
36.0	2413.474	2474.913	2611.566	2731.068	2788.022
36.5	2391.562	2453.971	2593.722	2715.996	2774.384
37.0	2368.911	2432.752	2575.462	2700.604	2760.561
37.5	2346.213	2411.162	2557.061	2685.394	2746.463
38.0	2323.144	2389.713	2539.033	2669.814	2733.287
38.5	2299.983	2367.754	2520.495	2654.050	2718.957
39.0	2277.053	2345.843	2501.542	2638.470	2705.179
39.5	2253.662	2323.329	2482.586	2622.383	2691.356
40.0	2230.224	2301.323	2463.401	2606.389	2676.656
40.5	2206.738	2279.226	2444.495	2590.624	2662.371
41.0	2183.440	2256.850	2425.540	2574.722	2648.735
41.5	2159.400	2234.244	2405.570	2558.356	2633.848
42.0	2135.222	2211.546	2385.968	2542.316	2619.102
42.5	2111.554	2188.802	2366.230	2526.551	2605.047
43.0	2087.791	2165.874	2346.397	2509.862	2590.392
43.5	2063.013	2142.850	2326.657	2493.498	2576.109
44.0	2038.790	2119.505	2306.685	2477.317	2561.546
44.5	2013.733	2096.159	2286.113	2460.767	2546.476
45.0	1989.972	2073.460	2266.513	2444.495	2532.144
45.5	1965.610	2050.347	2246.173	2427.899	2517.399
46.0	1940.415	2026.631	2225.416	2411.580	2502.234
46.5	1916.792	2003.516	2205.536	2395.076	2486.239
47.0	1891.735	1980.217	2184.549	2378.619	2469.920
47.5	1867.280	1956.270	2163.792	2362.115	2452.724
48.0	1842.085	1932.739	2143.220	2345.473	2434.555
48.5	1818.139	1909.208	2122.603	2327.812	2416.342
49.0	1792.620	1885.448	2101.336	2310.198	2396.925
49.5	1767.887	1862.287	2080.857	2291.200	2377.369
50.0	1743.572	1838.619	2060.147	2271.738	2357.260
50.5	1718.237	1814.394	2039.020	2251.396	2336.410
51.0	1693.829	1791.140	2018.496	2231.241	2315.608
51.5	1668.680	1767.750	1997.691	2209.697	2294.389
52.0	1643.393	1743.572	1976.472	2188.340	2273.217
52.5	1618.937	1719.162	1955.762	2166.289	2251.026
53.0	1594.067	1696.001	1934.958	2144.192	2228.744
53.5	1569.150	1671.593	1914.063	2121.261	2206.646
54.0	1544.555	1647.785	1893.122	2098.748	2184.179
54.5	1519.870	1624.207	1872.087	2075.310	2161.156

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55.0	1494.258	1599.937	1850.915	2051.871	2137.488
55.5	1470.080	1576.314	1830.158	2028.156	2114.882
56.0	1444.700	1552.229	1808.707	2004.673	2091.721
56.5	1419.228	1528.098	1785.778	1980.540	2068.145
57.0	1395.468	1504.058	1762.757	1956.409	2044.383
57.5	1370.318	1480.667	1739.179	1932.417	2020.622
58.0	1345.171	1456.397	1714.077	1907.914	1996.167
58.5	1320.483	1432.681	1689.207	1883.921	1971.434
59.0	1296.213	1408.641	1663.872	1859.329	1946.424
59.5	1270.741	1384.696	1637.753	1834.134	1920.813
60.0	1246.056	1361.120	1612.236	1808.939	1896.172
60.5	1222.063	1337.682	1586.346	1783.512	1871.487
61.0	1196.543	1313.087	1559.857	1757.670	1844.998
61.5	1172.228	1289.696	1533.645	1732.060	1820.033
62.0	1147.218	1266.165	1507.294	1706.496	1794.516
62.5	1122.901	1242.542	1480.620	1680.469	1768.397
63.0	1098.215	1219.012	1454.640	1654.350	1743.155
63.5	1073.805	1195.481	1428.289	1628.368	1717.220
64.0	1049.305	1171.996	1401.755	1601.926	1691.426
64.5	1024.988	1148.790	1376.050	1576.176	1665.906
65.0	1000.255	1125.906	1349.746	1549.917	1639.879
65.5	975.985	1102.746	1322.934	1523.613	1614.222
66.0	951.715	1080.232	1296.860	1497.771	1587.688
66.5	927.444	1057.533	1270.141	1471.837	1561.291
67.0	903.174	1034.512	1243.142	1445.533	1534.940
67.5	879.736	1012.091	1216.331	1418.998	1508.773
68.0	855.605	989.763	1189.979	1392.509	1481.452
68.5	831.058	967.479	1162.983	1365.835	1453.531
69.0	807.620	945.383	1136.354	1339.761	1426.210
69.5	784.044	923.284	1109.819	1312.717	1398.888
70.0	760.743	900.678	1082.728	1284.981	1370.873
70.5	737.353	877.702	1056.564	1257.427	1343.506
71.0	714.514	854.034	1030.490	1230.151	1316.045
71.5	690.938	828.931	1004.138	1202.091	1287.662
72.0	667.823	804.291	977.419	1174.954	1258.214
72.5	645.264	778.772	951.345	1147.541	1228.165
73.0	622.611	753.162	924.948	1119.065	1196.451
73.5	600.282	727.690	898.829	1089.940	1164.277
74.0	577.676	702.773	872.387	1059.800	1131.084
74.5	555.627	677.438	845.850	1028.501	1097.568
75.0	534.038	653.215	818.854	997.296	1063.590
75.5	512.216	628.992	792.225	964.983	1029.842
76.0	490.350	604.537	765.921	931.929	994.523
76.5	469.685	580.867	739.154	899.291	958.881
77.0	448.606	557.106	712.850	866.700	921.575
77.5	427.479	532.973	685.299	832.537	884.083
78.0	407.324	509.120	656.913	797.357	847.007
78.5	386.752	485.265	629.130	761.668	810.348
79.0	366.642	461.457	600.005	726.626	772.532
79.5	346.902	438.389	571.666	692.740	735.319
80.0	327.255	415.183	543.328	657.885	696.993
80.5	307.885	392.252	514.205	621.871	656.498
81.0	289.069	369.786	484.988	586.091	616.001
81.5	270.393	347.457	456.142	549.153	574.440
82.0	252.133	324.204	427.017	510.877	531.172
82.5	234.242	302.060	399.233	472.044	487.946

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CANDELA TABULATION - (Cont.)

83.0	215.889	279.779	370.803	431.964	443.891
83.5	198.137	257.403	341.078	391.050	399.418
84.0	180.894	234.936	311.490	350.416	354.531
84.5	163.650	213.115	280.933	309.641	310.798
85.0	146.638	190.649	248.989	268.405	267.018
85.5	129.580	169.752	217.368	227.910	224.627
86.0	112.845	148.672	185.101	187.783	182.790
86.5	96.526	127.963	151.956	148.625	142.201
87.0	80.484	106.789	119.825	111.319	103.045
87.5	64.952	85.247	88.390	75.584	65.737
88.0	49.095	63.103	57.601	42.161	31.851
88.5	34.395	41.559	29.910	14.285	8.091
89.0	19.785	21.080	8.830	4.485	2.866
89.5	7.951	6.796	3.606	2.589	1.342
90.0	1.249	1.757	1.157	0.832	0.092
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-LED32FRDMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	562.71	N.A.	12.00
0-30	1196.03	N.A.	25.60
0-40	1964.5	N.A.	42.10
0-60	3536.77	N.A.	75.70
0-80	4551.61	N.A.	97.40
0-90	4671.01	N.A.	100.00
10-90	4525.41	N.A.	96.90
20-40	1401.78	N.A.	30.00
20-50	2213.6	N.A.	47.40
40-70	2187.63	N.A.	46.80
60-80	1014.84	N.A.	21.70
70-80	399.48	N.A.	8.60
80-90	119.40	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	4671.02	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	145.60
10-20	417.11
20-30	633.32
30-40	768.46
40-50	811.81
50-60	760.46
60-70	615.36
70-80	399.48
80-90	119.40
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

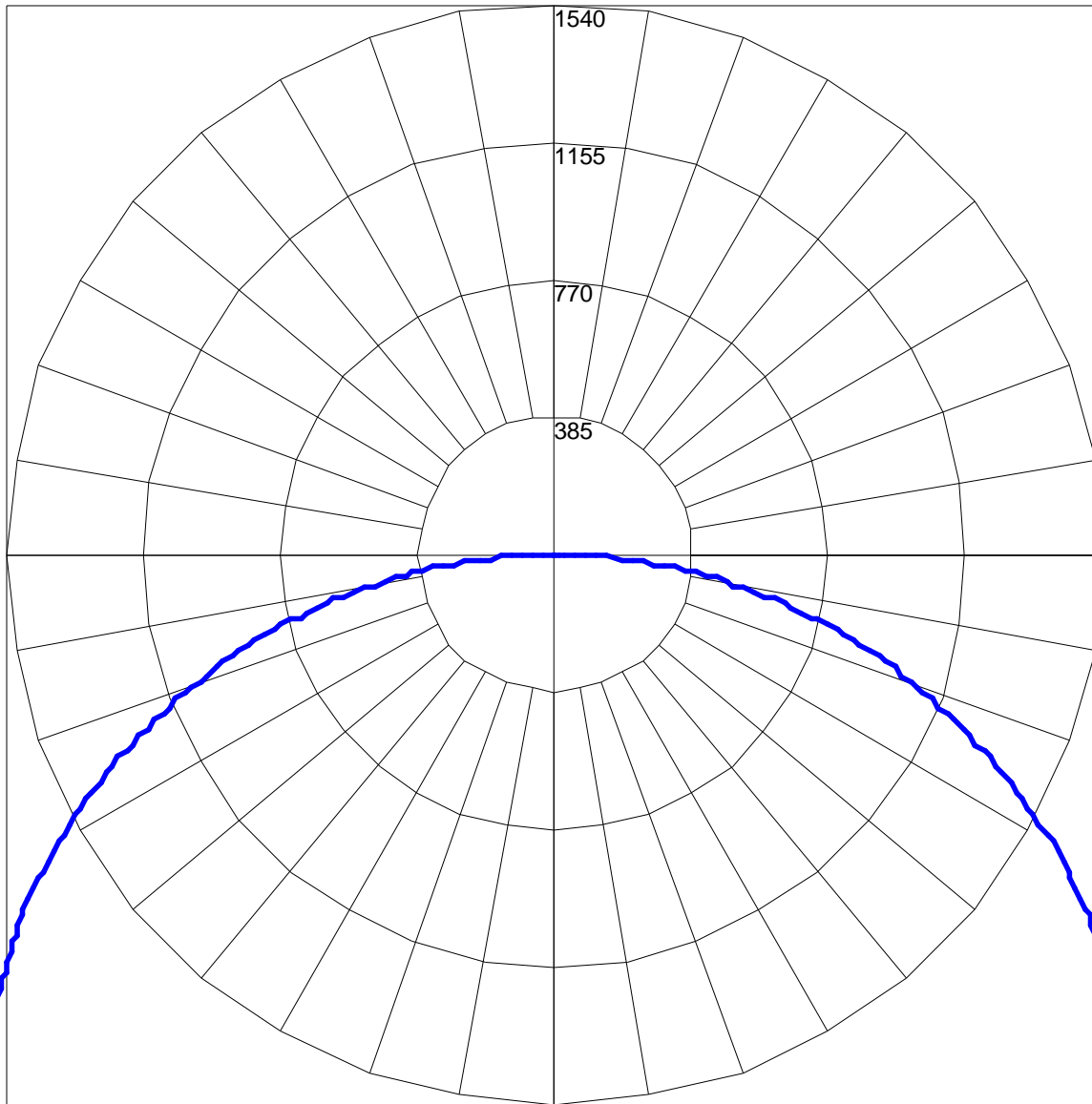
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RKDIS24-LED32FRDMV40.IES

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 = 1539.853 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.)