



IES INDOOR REPORT

PHOTOMETRIC FILENAME : RG22-LED20DMV30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA000535-006
 [TESTLAB] LightLab International Allentown, LLC
 [MANUFAC] Mobern Lighting Co., 8200 Stayton Drive, Jessup, MD 20794, USA
 [LUMCAT] RG22-LED20DMV30
 [LUMINAIRE] Catalog Number: RG22-LED20DMV30
 [MORE] Recess mounted, white formed steel 2x2 troffer housing, white enamel internal reflector
 [MORE] with acrylic prismatic lens enclosure
 [MORE] 96 White LEDs
 [MORE] One Universal Lighting Technologies, Everline D10CC55UNVTZ-C LED power supply, output set at 500mA
 [MORE] 120.0Vac, 60.0Hz, 0.1739A, 20.61W, 0.992PF, 8.55%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 3.808a.
 [DATE] This file created: Friday, January 22, 2016 3:28:04 PM
 [ISSUEDATE] Friday, January 22, 2016 3:28:04 PM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2170
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	20.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.26
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.55 m
Luminous Width (90-270)	0.55 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	2370	2367	2495
55	1809	1776	1824
65	1373	1142	1309
75	1494	1016	1253
85	1679	1453	1622

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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	987.43	987.43	987.43	987.43	987.43
0.5	995.15	983.85	985.80	986.38	993.13
1.0	995.55	984.01	985.50	985.78	992.52
1.5	995.15	983.62	985.05	985.52	992.37
2.0	994.70	982.82	984.51	985.48	992.24
2.5	994.50	982.07	984.19	985.75	992.37
3.0	994.24	981.21	984.02	986.22	992.28
3.5	993.63	980.51	983.95	986.01	992.05
4.0	992.26	979.96	984.05	984.96	990.68
4.5	991.06	978.76	983.60	983.31	988.84
5.0	989.46	977.31	982.08	981.72	987.86
5.5	987.87	976.40	979.95	981.23	987.58
6.0	986.89	975.57	977.77	981.41	988.09
6.5	985.42	974.56	975.89	981.28	987.46
7.0	983.30	973.56	974.81	979.90	984.57
7.5	981.56	972.02	974.06	977.06	981.49
8.0	979.96	970.62	973.74	974.00	979.76
8.5	978.26	968.95	972.80	972.15	979.87
9.0	976.36	966.43	970.66	971.90	980.16
9.5	973.90	963.51	967.46	972.34	978.64
10.0	970.71	960.12	963.89	971.28	974.43
10.5	967.67	956.48	960.64	967.80	970.56
11.0	964.63	952.72	958.30	963.25	968.96
11.5	961.39	949.18	956.36	959.87	968.72
12.0	958.09	945.82	955.72	958.24	968.18
12.5	955.25	942.78	954.57	957.63	965.43
13.0	952.08	940.03	952.14	956.75	961.13
13.5	948.76	937.21	947.95	954.18	957.07
14.0	945.43	934.81	942.97	949.38	954.83
14.5	941.42	932.32	937.71	945.04	953.50
15.0	937.94	930.04	933.72	942.20	951.86
15.5	934.08	926.71	930.97	940.63	948.88
16.0	929.40	922.79	928.74	938.74	944.99
16.5	925.28	918.30	926.23	935.57	941.24
17.0	920.65	913.50	922.58	931.23	937.54
17.5	916.41	908.16	917.88	927.13	934.22
18.0	912.16	902.32	912.99	923.11	931.17
18.5	907.09	896.78	908.15	919.40	927.99
19.0	902.13	891.72	903.77	916.28	923.58
19.5	897.83	887.57	899.40	912.85	919.06
20.0	892.42	882.97	894.96	909.05	914.89
20.5	886.65	878.22	890.38	904.24	910.61
21.0	880.88	874.00	885.67	899.37	907.10
21.5	875.63	869.16	880.54	894.85	902.42
22.0	869.53	863.57	875.52	890.83	897.18
22.5	862.82	858.17	870.11	885.83	893.66
23.0	856.89	852.39	864.97	880.28	889.56
23.5	851.22	846.16	859.58	875.14	883.89
24.0	844.94	840.20	853.58	870.59	877.43
24.5	838.79	834.45	847.64	865.85	872.75
25.0	832.88	828.71	841.67	859.87	868.94
25.5	826.49	822.97	835.51	853.09	863.24
26.0	819.64	817.25	829.56	847.23	856.09
26.5	813.35	811.29	823.69	842.29	850.54

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CANDELA TABULATION - (Cont.)

27.0	806.46	804.99	817.78	836.63	846.14
27.5	799.31	798.14	811.61	829.63	839.41
28.0	792.43	791.21	804.39	823.11	832.07
28.5	785.67	783.99	797.25	817.32	825.98
29.0	778.82	776.62	790.07	810.66	819.81
29.5	771.89	769.33	783.57	802.97	813.72
30.0	764.56	762.54	776.57	796.21	807.68
30.5	757.30	755.59	769.18	789.73	801.21
31.0	749.57	748.04	761.48	782.75	794.21
31.5	742.40	740.58	754.35	775.27	787.49
32.0	735.27	733.13	747.30	768.29	780.61
32.5	727.94	725.56	739.80	760.53	772.90
33.0	721.16	718.23	731.62	752.66	765.73
33.5	713.37	710.79	723.57	744.71	758.15
34.0	706.01	702.79	715.81	736.95	749.96
34.5	698.56	695.05	708.12	729.29	741.85
35.0	690.88	686.96	699.17	721.11	733.89
35.5	682.82	678.62	690.49	712.29	725.36
36.0	674.44	670.33	682.46	704.01	717.16
36.5	666.24	661.96	673.67	695.32	708.23
37.0	657.56	653.32	664.48	685.98	699.31
37.5	649.25	644.85	655.58	676.74	689.71
38.0	640.73	635.96	646.82	667.21	680.38
38.5	632.14	626.78	637.43	657.62	670.65
39.0	623.52	617.98	627.83	648.02	660.63
39.5	614.64	608.97	618.24	637.89	650.79
40.0	605.71	599.58	608.65	628.05	640.27
40.5	596.77	590.21	598.57	617.80	630.11
41.0	587.09	580.83	588.94	607.58	619.94
41.5	577.73	571.45	579.03	597.08	610.10
42.0	568.45	562.07	569.50	587.07	599.79
42.5	558.79	552.13	559.66	576.54	589.55
43.0	549.11	541.99	549.87	566.11	579.24
43.5	539.92	532.57	539.79	555.49	569.05
44.0	530.57	522.98	530.28	544.98	558.70
44.5	520.52	512.71	520.08	534.19	548.33
45.0	510.76	502.96	510.20	523.60	537.86
45.5	501.23	493.00	500.72	512.95	527.11
46.0	491.46	483.27	490.83	502.23	516.16
46.5	481.86	473.65	481.09	491.67	504.73
47.0	471.94	464.00	471.26	481.11	492.70
47.5	461.77	454.37	461.72	469.84	480.20
48.0	452.04	444.93	452.00	458.67	467.77
48.5	441.93	435.48	442.37	447.05	454.78
49.0	432.09	426.16	432.36	435.51	442.35
49.5	421.95	416.76	422.66	423.92	430.51
50.0	412.01	407.77	413.06	412.63	418.90
50.5	402.10	398.36	403.17	401.00	408.12
51.0	392.26	389.34	393.11	389.76	397.26
51.5	382.53	380.39	383.21	378.77	386.75
52.0	372.67	371.34	372.66	367.67	376.26
52.5	363.01	362.38	362.33	357.26	366.46
53.0	353.52	353.55	351.78	347.12	356.40
53.5	343.93	344.67	341.34	337.04	346.70
54.0	334.70	336.05	331.09	327.17	337.31
54.5	325.41	327.29	320.87	317.62	328.15

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CANDELA TABULATION - (Cont.)

55.0	316.23	318.40	310.61	307.98	318.91
55.5	307.35	309.79	300.82	298.85	309.88
56.0	298.34	301.20	290.90	289.81	301.19
56.5	289.45	292.41	281.09	280.89	292.26
57.0	280.83	283.89	271.58	272.10	283.75
57.5	272.49	275.46	262.10	263.51	275.15
58.0	264.21	266.88	252.75	255.06	266.20
58.5	256.31	258.57	243.62	246.82	257.56
59.0	248.50	250.47	234.81	238.75	249.11
59.5	240.81	242.31	225.90	230.88	240.62
60.0	233.65	234.60	217.60	223.19	232.38
60.5	226.64	227.01	209.42	215.81	224.62
61.0	219.85	219.54	201.43	208.55	216.99
61.5	213.58	212.43	193.78	201.45	209.95
62.0	207.45	205.60	186.38	194.69	203.05
62.5	201.54	198.85	179.16	187.93	196.45
63.0	196.03	192.48	172.29	181.52	190.20
63.5	190.94	186.29	165.63	175.37	184.39
64.0	185.97	180.39	159.17	169.25	178.84
64.5	181.40	174.78	153.08	163.54	173.54
65.0	176.93	169.43	147.13	158.06	168.58
65.5	172.60	164.15	141.47	152.66	163.72
66.0	168.56	159.40	136.10	147.56	159.14
66.5	164.68	154.75	130.97	142.76	154.75
67.0	160.95	150.19	126.05	138.14	150.44
67.5	157.43	145.96	121.38	133.81	146.40
68.0	154.05	141.99	117.08	129.62	142.43
68.5	150.79	138.13	112.86	125.69	138.57
69.0	147.62	134.44	108.91	121.92	134.84
69.5	144.68	130.92	105.28	118.38	131.18
70.0	141.97	127.55	101.76	114.89	127.72
70.5	139.22	124.25	98.64	111.68	124.44
71.0	136.65	121.13	95.69	108.60	121.11
71.5	134.15	117.99	93.00	105.64	117.91
72.0	131.80	115.11	90.60	102.83	114.85
72.5	129.57	112.23	88.37	100.22	111.94
73.0	127.22	109.40	86.35	97.60	109.07
73.5	125.03	106.68	84.58	95.10	106.38
74.0	122.77	104.06	83.01	92.61	103.78
74.5	120.41	101.51	81.54	90.17	101.22
75.0	117.91	98.99	80.16	87.85	98.82
75.5	115.50	96.48	78.90	85.47	96.48
76.0	112.64	93.92	77.64	83.16	94.06
76.5	109.90	91.56	76.49	80.84	91.89
77.0	107.12	89.20	75.26	78.56	89.77
77.5	104.02	86.79	74.06	76.31	87.44
78.0	100.93	84.51	72.74	73.99	85.14
78.5	97.75	82.28	71.39	71.71	82.79
79.0	94.49	79.96	69.82	69.35	80.36
79.5	91.16	77.75	68.22	67.03	77.83
80.0	87.74	75.47	66.46	64.59	75.17
80.5	84.09	73.10	64.50	62.14	72.37
81.0	80.30	70.66	62.36	59.71	69.53
81.5	76.48	68.13	60.10	57.31	66.51
82.0	72.44	65.44	57.52	54.80	63.38
82.5	68.23	62.67	54.78	52.36	60.16

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CANDELA TABULATION - (Cont.)

83.0	63.89	59.67	51.89	49.78	56.92
83.5	59.12	56.46	48.71	47.22	53.55
84.0	54.41	53.10	45.48	44.60	50.29
84.5	49.53	49.56	42.07	41.94	46.78
85.0	44.62	45.73	38.61	39.12	43.09
85.5	39.83	41.76	35.11	36.33	39.40
86.0	34.95	37.53	31.49	33.26	35.51
86.5	30.17	33.02	27.79	30.00	31.36
87.0	25.49	28.30	24.07	26.50	27.17
87.5	20.73	23.32	20.24	22.56	22.71
88.0	16.00	18.16	16.09	18.47	18.20
88.5	11.28	13.33	12.12	14.48	14.17
89.0	7.02	8.84	8.58	10.55	10.34
89.5	3.19	4.70	5.33	6.80	6.59
90.0	0.85	1.57	2.68	3.74	3.45
90.5	0.24	0.25	0.74	1.52	1.18
91.0	0.08	0.07	0.05	0.13	0.08
91.5	0.12	0.06	0.01	0.08	0.06
92.0	0.03	0.09	0.02	0.02	0.03
92.5	0.03	0.05	0.05	0.06	0.04
93.0	0.06	0.10	0.02	0.06	0.08
93.5	0.00	0.07	0.06	0.06	0.02
94.0	0.07	0.02	0.04	0.04	0.00
94.5	0.05	0.06	0.05	0.03	0.01
95.0	0.16	0.06	0.05	0.05	0.00
95.5	0.04	0.05	0.04	0.05	0.03
96.0	0.05	0.07	0.06	0.05	0.00
96.5	0.06	0.04	0.07	0.05	0.04
97.0	0.10	0.05	0.01	0.07	0.04
97.5	0.07	0.12	0.04	0.09	0.03
98.0	0.16	0.07	0.05	0.09	0.01
98.5	0.05	0.13	0.05	0.12	0.00
99.0	0.06	0.10	0.02	0.14	0.11
99.5	0.10	0.05	0.01	0.09	0.02
100.0	0.12	0.12	0.06	0.07	0.12
100.5	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED20DMV30.IES

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED20DMV30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	357.58	N.A.	16.50
0-30	746.16	N.A.	34.40
0-40	1185.21	N.A.	54.60
0-60	1863.07	N.A.	85.80
0-80	2126.64	N.A.	98.00
0-90	2170.08	N.A.	100.00
10-90	2076.75	N.A.	95.70
20-40	827.62	N.A.	38.10
20-50	1223.96	N.A.	56.40
40-70	841.67	N.A.	38.80
60-80	263.57	N.A.	12.10
70-80	99.77	N.A.	4.60
80-90	43.44	N.A.	2.00
90-110	0.18	N.A.	0.00
90-120	0.18	N.A.	0.00
90-130	0.18	N.A.	0.00
90-150	0.18	N.A.	0.00
90-180	0.18	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2170.26	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	93.33
10-20	264.25
20-30	388.58
30-40	439.05
40-50	396.34
50-60	281.52
60-70	163.80
70-80	99.77
80-90	43.44
90-100	0.17
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

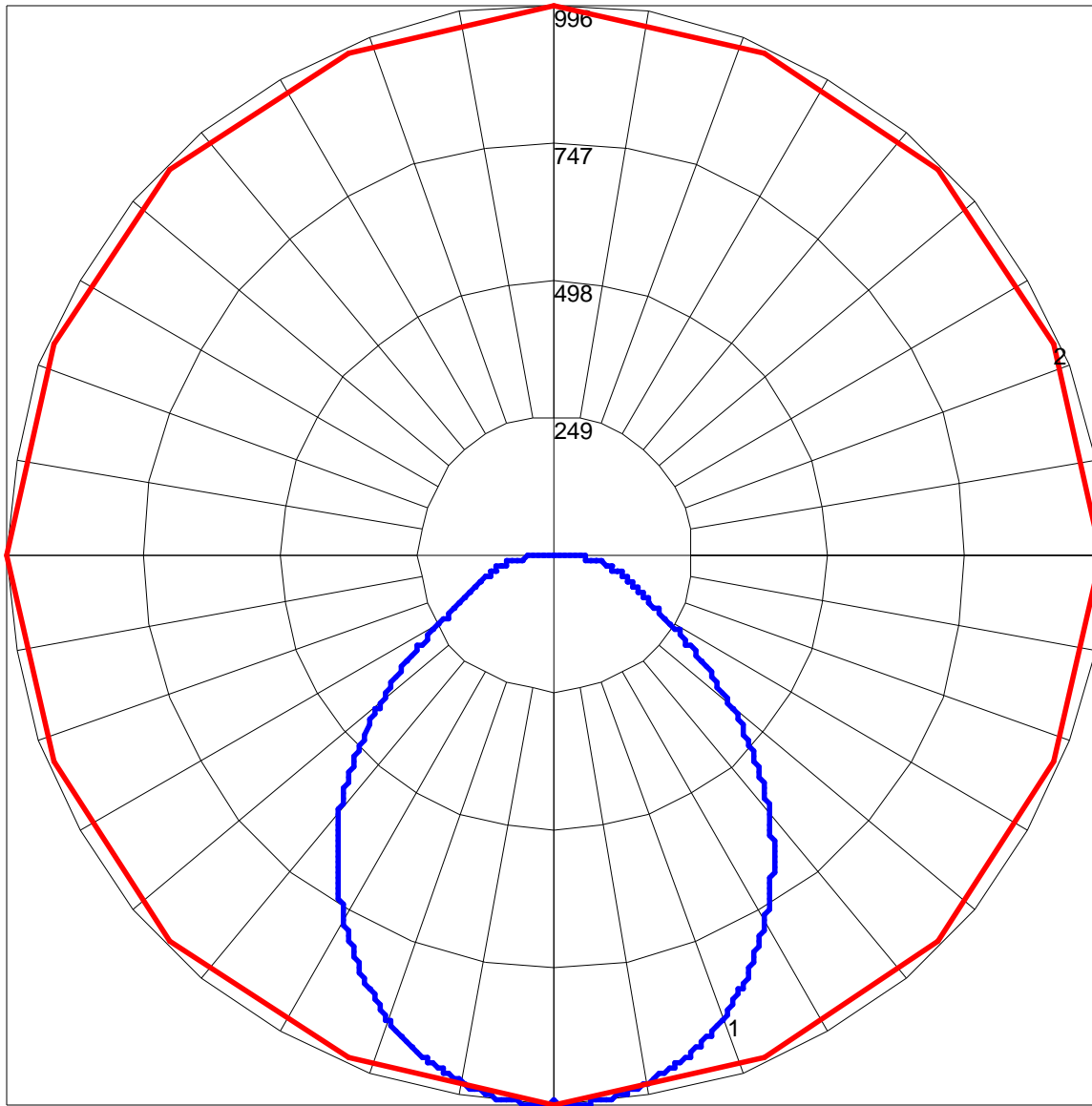
IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED20DMV30.IES

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	110	105	102	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56
5	79	67	59	53	77	66	59	53	64	57	52	62	56	52	61	55	51	49
6	74	61	53	47	72	60	52	47	59	52	46	57	51	46	55	50	46	44
7	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	41	39
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35
9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29

POLAR GRAPH



Maximum Candela = 995.55 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)