IES INDOOR REPORT
PHOTOMETRIC FILENAME : RG22-LED28DMV35.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L101410201-EXT
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 11/5/2016
[MANUFAC] MOBERN LIGHTING CO
[LUMCAT] RG22-LED28DMV35K
[LUMINAIRE] 24"SQ. X 4"H. LED LUMINAIRE
[MORE] PRISMATIC LENS
[LAMPPOSITION] 0,0
[LAMPCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[MORE] Extrapolated from L101410201
[_INPUT] 120VAC, 28.0W
[_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2877
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.16
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.81 ft
Luminous Width (90-270)	1.81 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3066	3094	3234
55	2339	2354	2405
65	1801	1566	1858
75	1927	1320	1609
85	2421	1915	1996

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	1320.757	1320.757	1320.757	1320.757	1320.757
5	1313.044	1317.529	1317.986	1318.857	1315.258
10	1282.952	1289.665	1292.778	1296.634	1294.306
15	1238.621	1243.248	1247.990	1256.987	1262.729
20	1182.021	1181.993	1193.718	1207.272	1211.428
25	1104.827	1103.299	1119.123	1137.718	1147.073
30	1010.537	1012.994	1028.661	1050.227	1062.981
35	905.622	906.921	920.375	946.282	963.321
40	789.766	786.481	794.593	820.429	836.311
45	660.371	653.544	666.570	683.522	696.676
50	529.291	531.362	539.817	543.487	553.599
55	408.665	410.279	411.322	404.209	420.191
60	310.005	313.961	301.065	298.694	321.259
65	231.854	235.453	201.562	219.386	239.266
70	181.424	181.853	140.178	159.630	173.969
75	151.975	140.949	104.116	118.512	126.867
80	117.541	103.802	86.492	83.378	94.261
85	64.269	63.069	50.858	48.530	52.986
90	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	477.11	N.A.	16.60
0-30	992.62	N.A.	34.50
0-40	1569.86	N.A.	54.60
0-60	2459.42	N.A.	85.50
0-80	2821.53	N.A.	98.10
0-90	2877.47	N.A.	100.00
10-90	2752.6	N.A.	95.70
20-40	1092.75	N.A.	38.00
20-50	1610.12	N.A.	56.00
40-70	1116.68	N.A.	38.80
60-80	362.12	N.A.	12.60
70-80	134.99	N.A.	4.70
80-90	55.94	N.A.	1.90
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2877.47	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	124.87
10-20	352.24
20-30	515.50
30-40	577.25
40-50	517.37
50-60	372.19
60-70	227.12
70-80	134.99
80-90	55.94
90-100	0.00
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

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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
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	90	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	58	53	64	57	52	62	56	51	61	55	51	49
6	74	61	53	47	72	60	52	47	59	51	46	57	51	46	55	50	45	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	39	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

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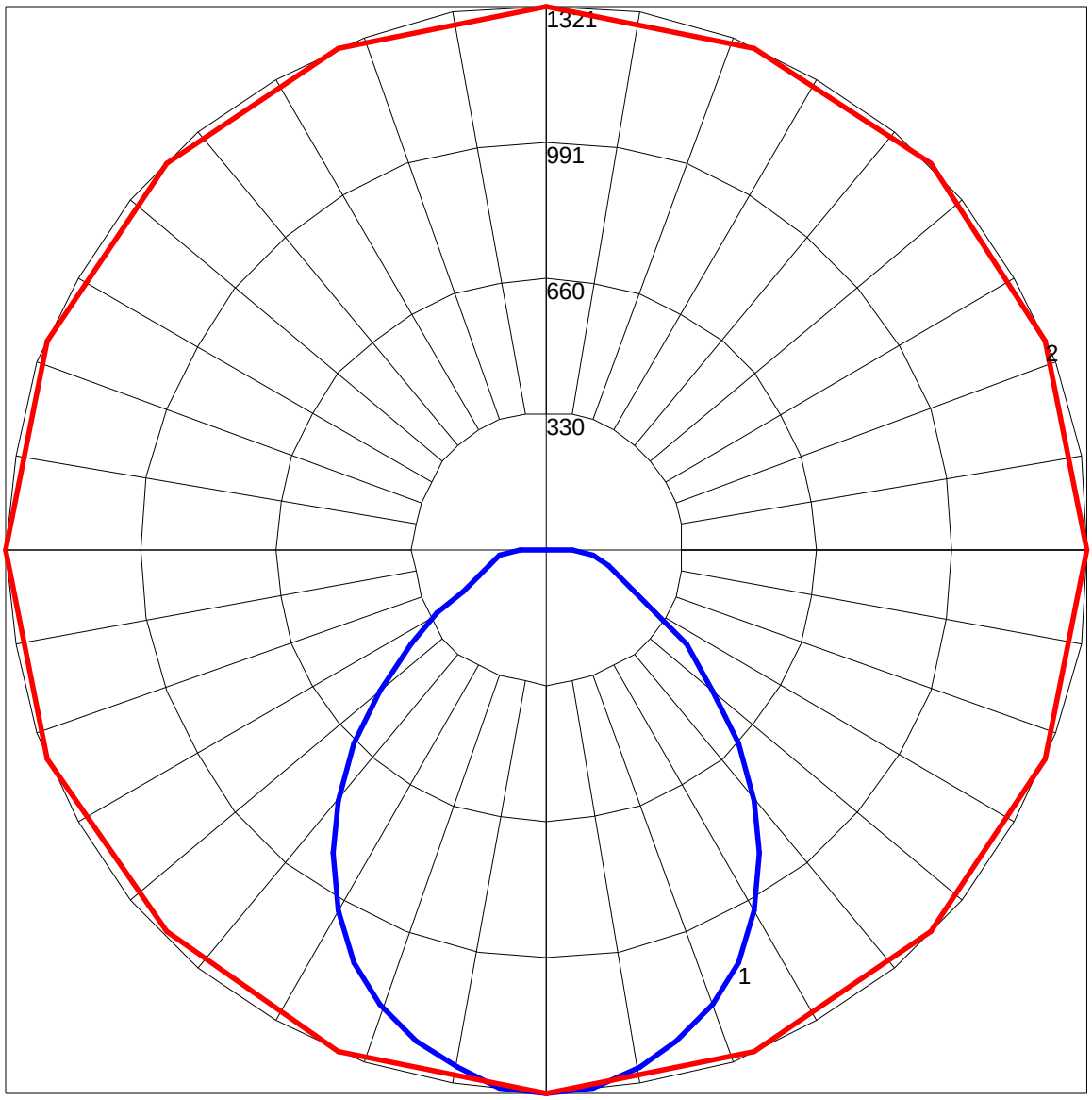
POLAR GRAPH



Maximum Candela = 1320.757 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)