

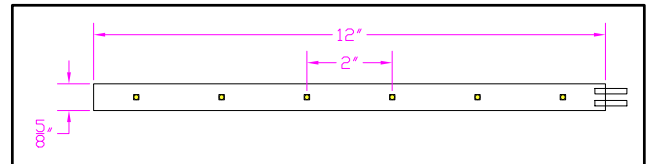
**IES INDOOR REPORT
PHOTOMETRIC FILENAME : L02101602.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0210-1602
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 2/11/10
 [MANUFAC] J&J ELECTRONICS
 [LUMCAT] LLS-12-120-CW
 [LUMINAIRE] 12"L. X 5/8"W. LED STRIP LIGHT
 [MORE] 2" SPACING, 6 COOL WHITE LEDS
 [LAMPPOSITION] 0,0
 [LAMPCAT] COOL WHITE LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 24VAC, 3.77W
 [_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lumens	N.A. (absolute)
Luminaire Lumens	113
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	30
Total Luminaire Watts	3.77
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.26
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.84 ft
Luminous Width (90-270)	0.01 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	47707	48340	48250
55	44640	45309	45756
65	40592	40895	40895
75	32646	34130	32646
85	27909	24971	22033

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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	40.4	40.4	40.4	40.4	40.4
1.0	40.6	40.7	40.6	40.3	40.7
3.0	40.6	40.8	40.2	40.5	40.7
5.0	39.9	40.8	39.8	40.2	40.6
7.0	39.9	40.1	39.7	40.0	40.0
9.0	40.5	39.9	39.5	39.9	39.5
11.0	39.5	39.3	39.4	39.9	39.1
13.0	38.9	38.7	39.3	39.5	38.7
15.0	38.0	38.4	39.1	38.7	38.4
17.0	37.6	38.5	38.9	38.1	38.1
19.5	37.7	37.8	38.2	37.6	37.7
22.5	36.5	36.7	36.7	37.0	36.6
25.5	35.4	35.7	35.7	35.9	35.9
29.0	34.0	34.6	34.6	34.5	34.4
33.0	32.7	32.9	33.1	32.8	32.5
37.5	30.4	30.6	30.7	30.8	30.4
42.5	27.7	28.1	28.1	27.9	27.6
47.5	25.0	25.0	25.3	25.2	25.7
55.0	20.0	20.4	20.3	20.4	20.5
65.0	13.4	13.4	13.5	13.7	13.5
75.0	6.6	6.7	6.9	6.8	6.6
85.0	1.9	2.1	1.7	1.7	1.5
90.0	0.8	0.8	0.8	0.8	0.8

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	29.47	N.A.	26
0-40	46.11	N.A.	40.8
0-60	81.33	N.A.	71.9
0-90	113.13	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	113.13	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	3.1
10-20	10.96
20-30	15.41
30-40	16.64
40-50	20.62
50-60	14.6
60-70	16.05
70-80	10.43
80-90	5.32
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

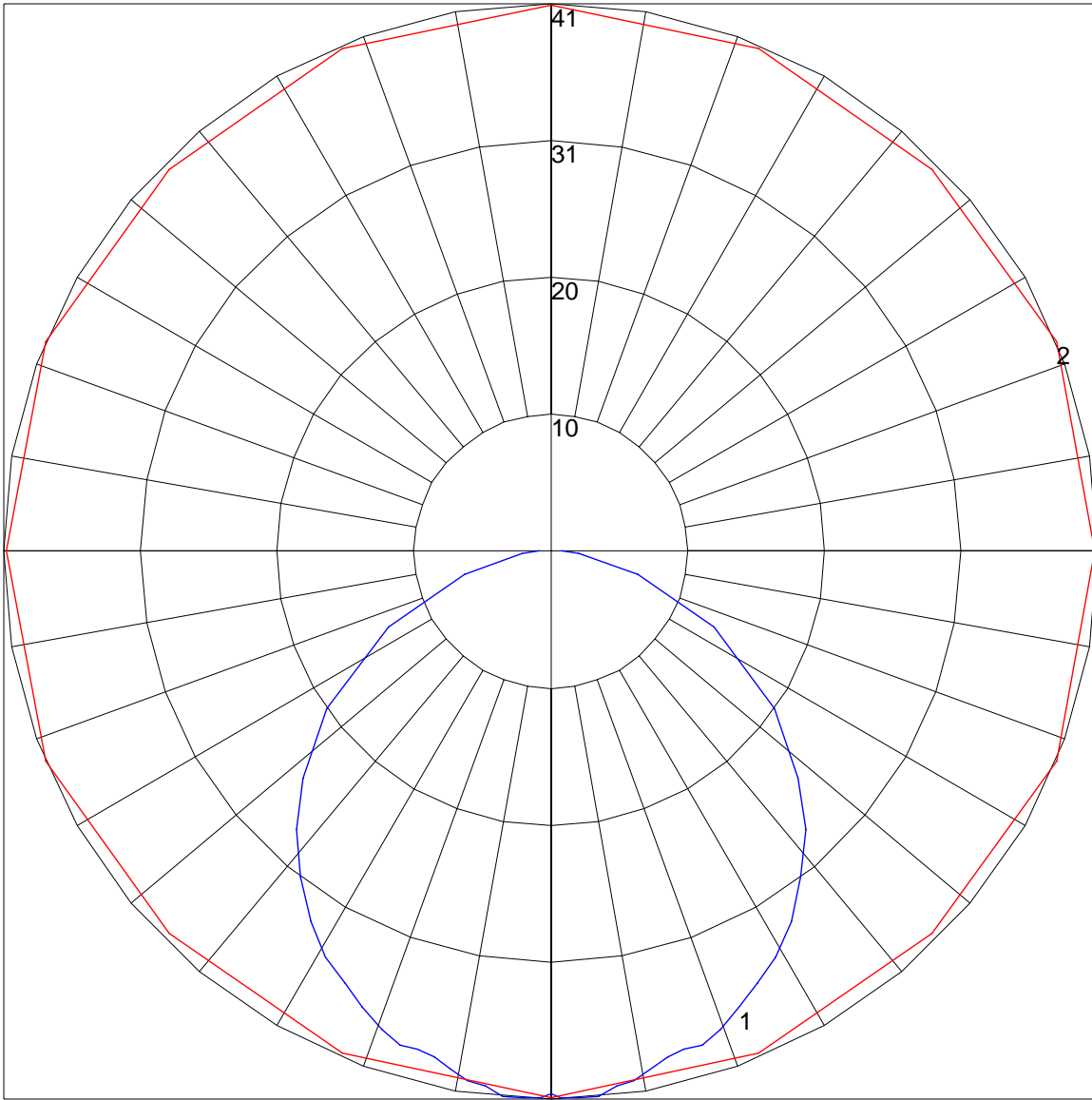
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	107	107	102	102	102	100
1	107	102	97	92	104	99	95	91	95	91	88	91	88	85	87	85	83	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	77	68	61	85	75	67	60	72	65	59	69	63	58	67	62	57	55
4	80	68	59	51	78	66	58	51	64	56	50	61	55	50	59	54	49	47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40
6	68	54	45	38	66	53	45	38	52	44	38	50	43	38	48	42	37	35
7	63	49	40	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31
8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	41	34	30	28
9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	23

POLAR GRAPH



Maximum Candela = 40.8 Located At Horizontal Angle = 22.5, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.) : BLUE
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.) : RED