



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI120704A.IES**

DESCRIPTION INFORMATION (From Photometric File)

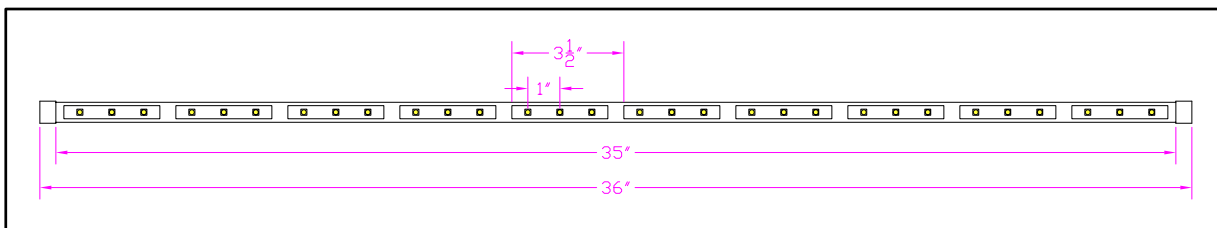
IESNA:LM-63-2002
[TEST] LLI 1207-04A
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 12/26/2007
[MANUFAC] ROBERTS STEP-LITE SYSTEMS, INC
[LUMCAT] RW-12-LED-2850K
[LUMINAIRE] 36"L. X 5/6"W. X 5/16"H. LED STRIP
[MORE] ACRYLIC CLEAR LENS
[MORE] 10 MODULES, 3 LEDS IN A MODULE, 1" LED SPACING
[LAMP POSITION] 0,0
[LAMP CAT] 2850K LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 12VDC, 1.610W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	1.30
Spacing Criteria (90-270)	1.26
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.92 ft
Luminous Width (90-270)	0.05 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13281	13121	12640
55	12286	11916	11545
65	10440	9954	10290
75	6649	6485	5281
85	2519	3250	3169



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CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	196.9	196.9	196.9	196.9	196.9
5	201.8	201.6	199.1	194.6	192.8
15	195.6	195.3	194.6	190.2	189.3
25	180.7	180.6	180.1	176.8	175.6
35	160.5	160.3	159.4	156.9	155.8
45	132.6	132.7	131	127.7	126.2
55	99.5	98.7	96.5	94.4	93.5
65	62.3	60.5	59.4	60.3	61.4
75	24.3	25.5	23.7	19.9	19.3
85	3.1	3.9	4	4	3.9
90	0	1.3	1.9	2.2	2.3
95	0	0	1.6	1.8	1.9
105	0	0	1.5	1.8	1.9
115	0	0	0	1.1	1.2
125	0	0	0	0	0
135	0	0	0	0	0
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

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ZONAL LUMEN SUMMARY

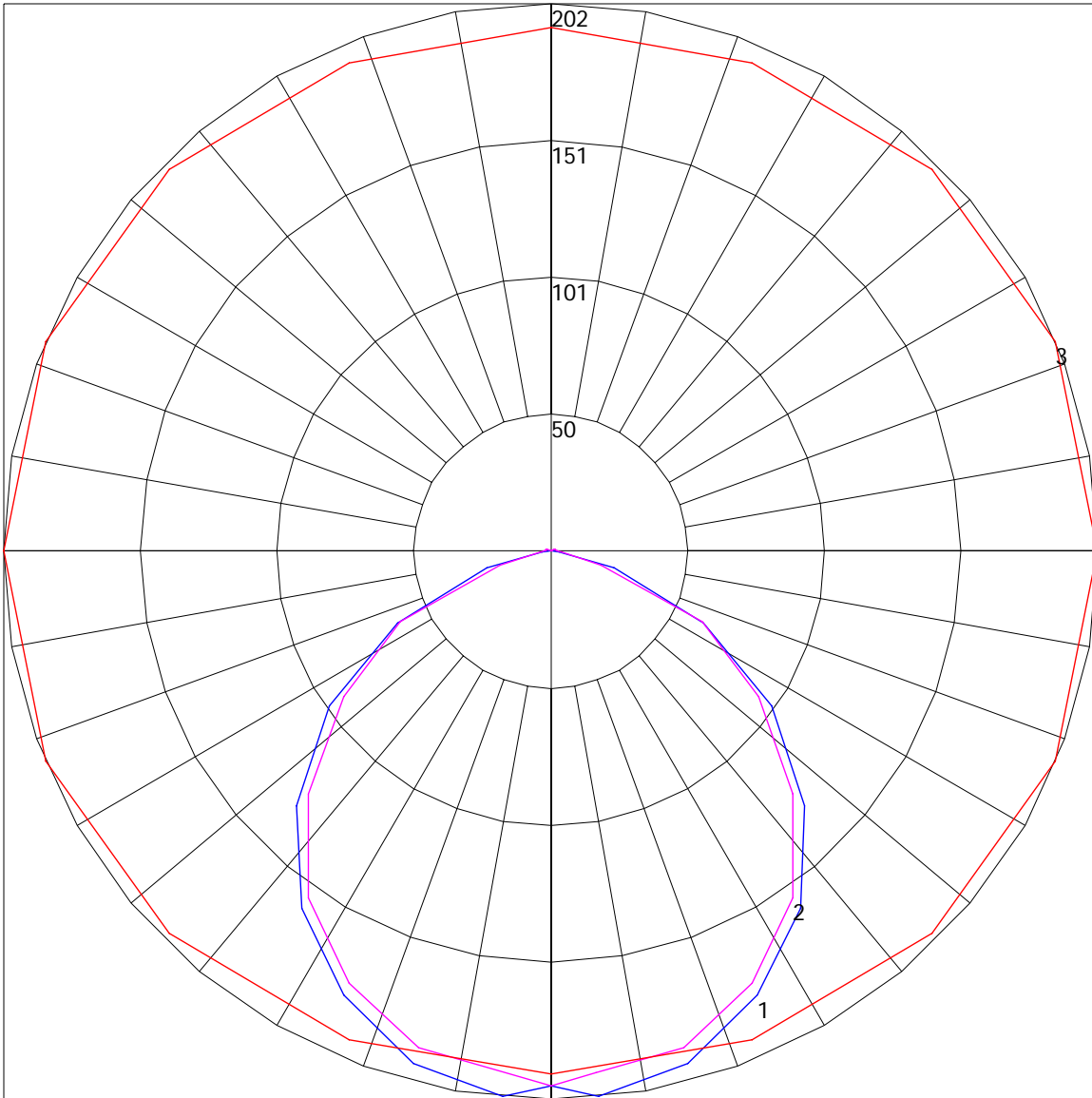
Zone	Lumens	%Lamp	%Fixt
0-30	111.61	N.A.	20.8
0-40	204.05	N.A.	38
0-60	400.85	N.A.	74.7
0-90	533.99	N.A.	99.5
90-120	2.67	N.A.	.5
90-130	2.87	N.A.	.5
90-150	2.87	N.A.	.5
90-180	2.87	N.A.	.5
0-180	536.87	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	4.72
10-20	37.21
20-30	69.68
30-40	92.44
40-50	101.69
50-60	95.11
60-70	74.47
70-80	42.83
80-90	15.83
90-100	.75
100-110	1.16
110-120	.77
120-130	.2
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

POLAR GRAPH



Maximum Candela = 201.8 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
2 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
3 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED