

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI070907B.IES**

DESCRIPTION INFORMATION (From Photometric File)

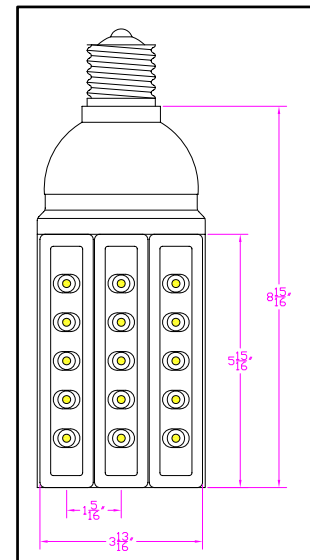
IESNA:LM-63-2002
 [TEST] LLI 0709-07B
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 7/22/2009
 [MANUFAC] NAUSAN GROUP USA INC.
 [LUMCAT] E40 180D
 [LUMINAIRE] 4-1/4"DIA. X 8-15/16"H. MOGUL BASE LED FIXTURE
 [MORE] 3 LED MODULES, EACH MODULE HAS 5 COOL WHITE LEDS W/MAG LENS
 [MORE] ALL MODULES ARE FACE TO THE FRONT
 [LAMP POSITION] 0,90
 [LAMP CAT] COOL WHITE LED
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 240VAC, 17.63W
 [_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	N.A.
Total Luminaire Watts	18
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criteria (0-180)	N.A.
Spacing Criteria (90-270)	N.A.
Spacing Criteria (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.04 ft
Luminous Width (90-270)	0.28 ft
Luminous Height	0.50 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	36009	41709	12186
55	24863	40476	11316
65	22878	31980	14113
75	25303	30292	15489
85	27489	30270	8233



CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	24	24	24	24	24	24	24	24	24
5	44	42	38	32	26	23	22	21	21
15	97	87	67	49	30	24	14	12	12
25	227	191	112	62	29	15	9	11	10
35	350	334	229	76	27	11	6	8	6
45	358	370	341	136	25	10	5	3	3
55	280	278	373	216	24	10	6	5	4
65	280	278	319	278	30	10	6	5	5
75	325	346	316	298	32	10	6	5	5
85	359	359	320	301	16	9	6	5	4
90	358	357	319	297	17	9	5	4	4
95	349	359	314	294	22	8	6	4	4
105	301	321	306	280	27	7	4	3	3
115	259	251	314	228	17	7	3	2	2
125	279	270	339	154	17	6	3	2	2
135	296	309	233	78	16	6	2	2	1
145	238	207	125	37	14	6	2	1	1
155	98	77	40	22	11	6	2	1	1
165	17	15	13	10	7	4	2	1	1
175	3	2	2	2	2	1	1	1	1
180	2	2	2	2	2	2	2	2	2

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI070907B.IES

ZONAL LUMEN SUMMARY

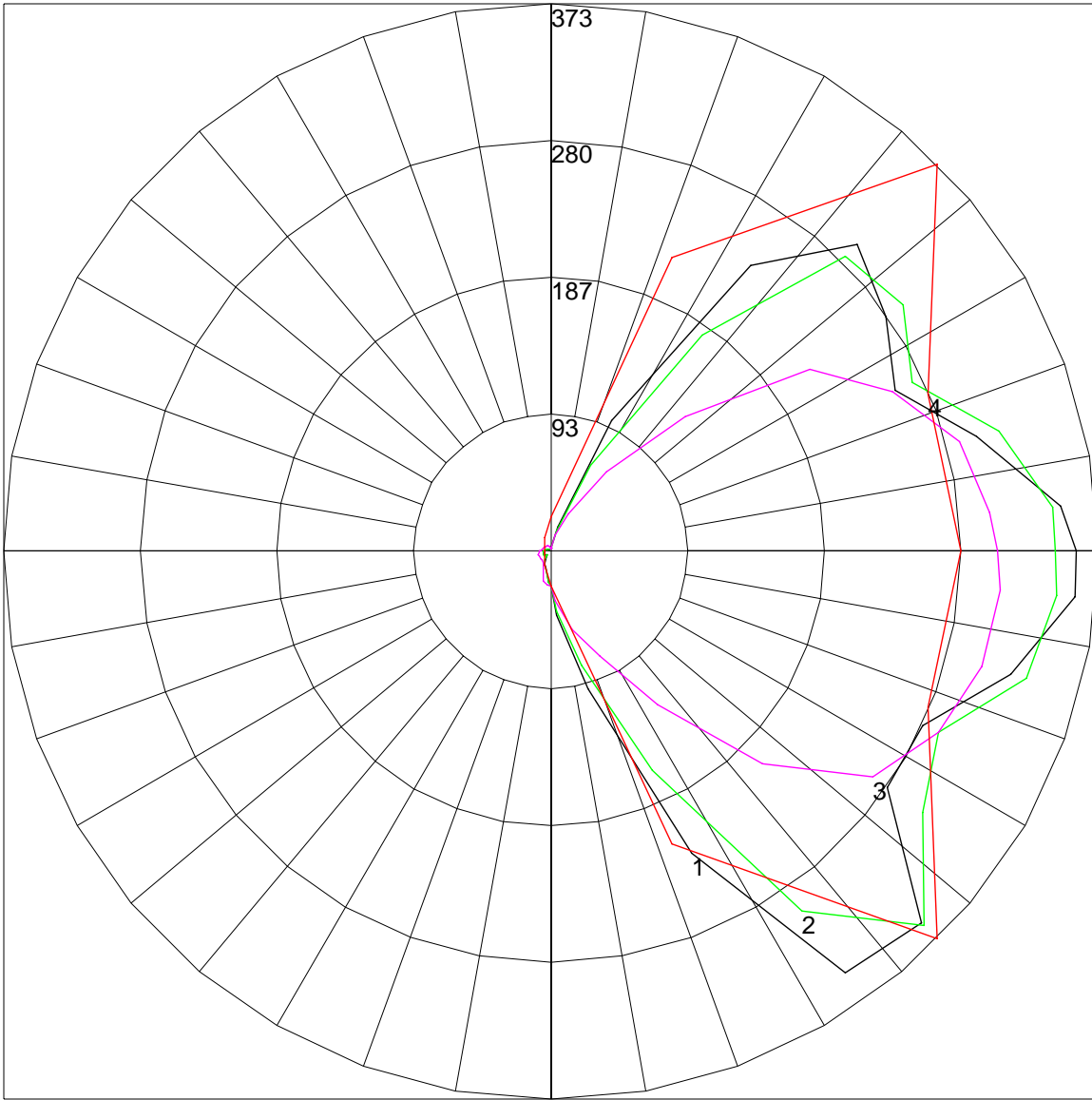
Zone	Lumens	%Lamp	%Fixt
0-30	28.18	N.A.	2
0-40	76.66	N.A.	5.3
0-60	273.4	N.A.	18.9
0-90	785.55	N.A.	54.4
90-120	367.16	N.A.	25.4
90-130	478.85	N.A.	33.2
90-150	626.82	N.A.	43.4
90-180	658.69	N.A.	45.6
0-180	1444.24	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	.64
10-20	6.82
20-30	20.72
30-40	48.48
40-50	85.34
50-60	111.4
60-70	125.82
70-80	144.5
80-90	241.82
90-100	81.2
100-110	153.94
110-120	132.02
120-130	111.69
130-140	90.51
140-150	57.46
150-160	24.64
160-170	6.31
170-180	.92

POLAR GRAPH



Maximum Candela = 373 Located At Horizontal Angle = 45, Vertical Angle = 55

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180) : BLACK
- # 2 - Vertical Plane Through Horizontal Angles (30 - 210) : GREEN
- # 3 - Vertical Plane Through Horizontal Angles (60 - 240) : MAGENTA
- # 4 - Horizontal Cone Through Vertical Angle (55) (Through Max. Cd.) : RED