

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI030804A.IES**

DESCRIPTION INFORMATION (From Photometric File)

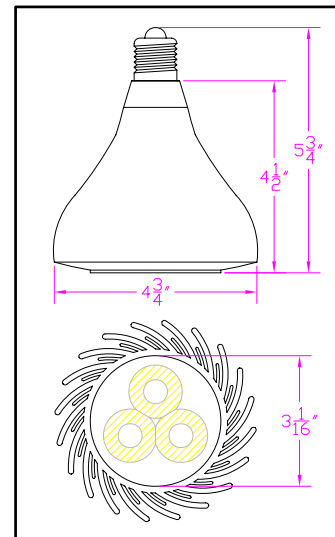
IESNA:LM-63-2002
[TEST] LLI 0308-04A
[TESTLAB] LIGHT LABORATORY INC.
[ISSUEDATE] 3/18/2008
[MANUFAC] LIGHTING SCIENCE GROUP.
[LUMCAT] R38-CW-I
[LUMINAIRE] 4-3/4"DIA. X 4-1/2"H. R38 TYPE LED LUMINAIRE.
[MORE] 3 COOL WHITE LEDS WITH OPTICS
[LAMPPOSITION] 0,0
[LAMPCAT] COOL WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 14.56W

CHARACTERISTICS

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
CIE Type	Direct
Spacing Criteria (0-180)	0.48
Spacing Criteria (90-270)	0.48
Spacing Criteria (Diagonal)	0.48
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.26 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13176	13176	13176
55	9181	9181	9181
65	8148	8148	8148
75	7826	7826	7826
85	11620	11620	11620



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI030804A.IES

CANDELA TABULATION

	<u>0</u>
0	2486
1	2467
3	2396
5	2275
7	2070
9	1830
11	1590
13	1340
15	1096
17	874
19.5	654
22.5	466
25.5	325
29	212
33	131
37.5	82
42.5	53
47.5	39
55	26
65	17
75	10
85	5
90	3

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI030804A.IES

ZONAL LUMEN SUMMARY

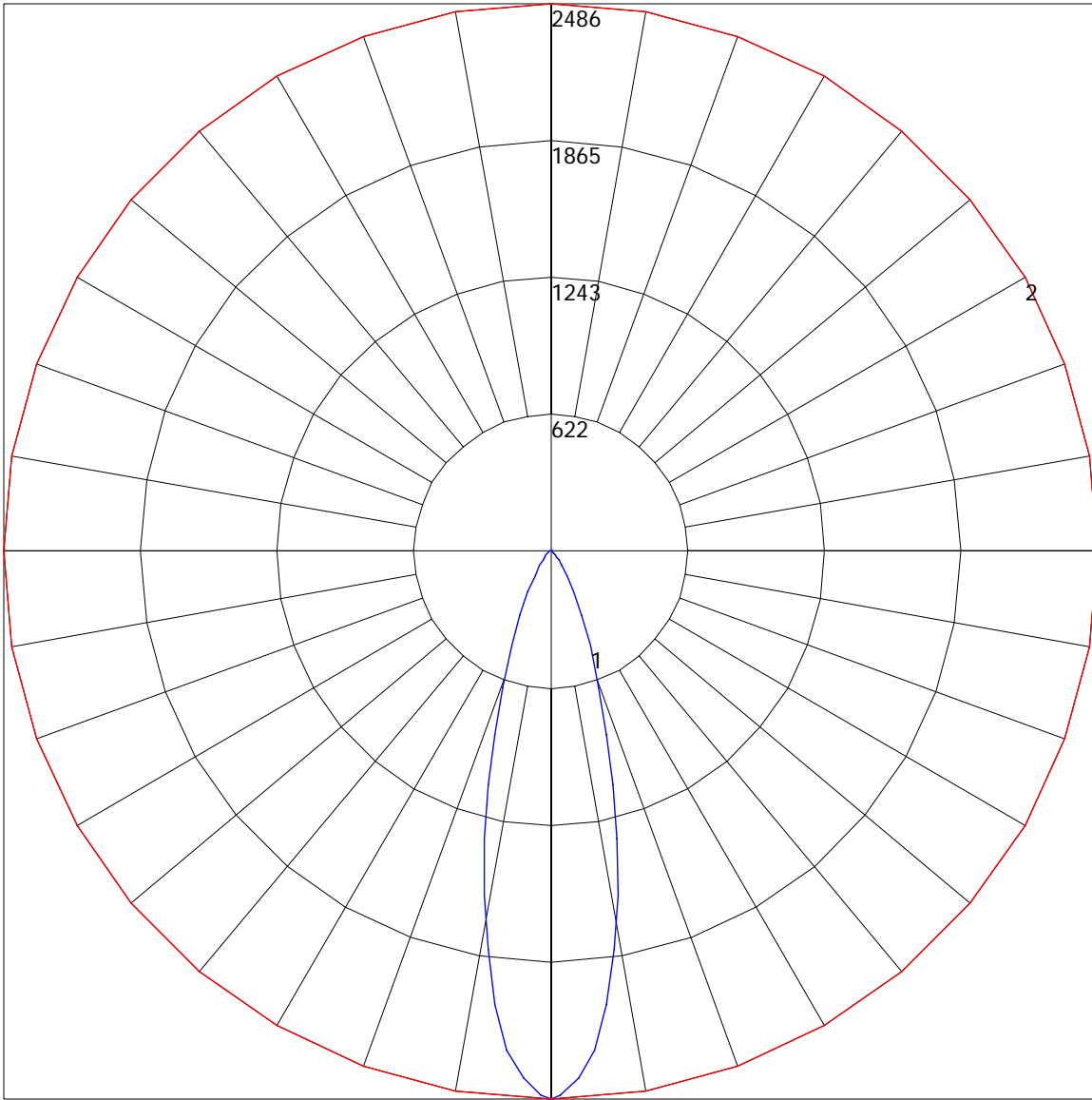
Zone	Lumens	%Lamp	%Fixt
0-30	653.82	N.A.	78.8
0-40	722.88	N.A.	87.1
0-60	785.33	N.A.	94.6
0-90	829.89	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	829.89	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	166.03
10-20	321.68
20-30	166.11
30-40	69.06
40-50	41.61
50-60	20.83
60-70	20.39
70-80	13.89
80-90	10.28
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

POLAR GRAPH



Maximum Candela = 2486 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.)