



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI040707M.IES**

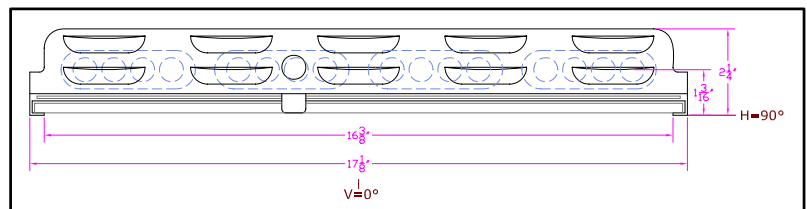
DESCRIPTION INFORMATION (From Photometric File) *

IESNA:LM-63-2002
[TEST] LLI 0407-07M
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 4/24/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] BARFLY 400/45 DEGREE
[LUMINAIRE] 16-1/2"L. X 17-1/8"W. X 2-1/4"H. STUDIO FIXTURE
[MORE] WHITE PAINTED REFLECTOR
[MORE] 45 DEGREE SPOT HEXCEL LOUVERS
[BALLASTCAT] KINOFLO BAL-407-120
[BALLAST] 120V 50/60Hz ELECTRONIC
[LAMPPOSITION] 180,90
[LAMPCAT] KINO FLO TRUE MATCH 55Q-K29
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_LAMPLUM] 2720
[_INPUT] 120VAC, 228.7W

*10/1/11 BAR-400D matches photometrically to BAR-400G & BAL-407-120

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)	0.40
Spacing Criteria (Diagonal)	0.50
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.15 ft
Luminous Width (90-270)	1.37 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	87	154	125
55	48	71	60
65	32	48	32
75	105	53	26
85	470	235	78

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CANDELA TABULATION

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
0	1853	1853	1853	1853	1853
5	1582	1581	1560	1498	1469
15	860	867	804	693	665
25	270	199	124	114	107
35	24	35	42	38	35
45	9	13	16	14	13
55	4	5	6	5	5
65	2	2	3	2	2
75	4	4	2	1	1
85	6	7	3	1	1
90	0	0	0	0	0

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ZONAL LUMEN SUMMARY

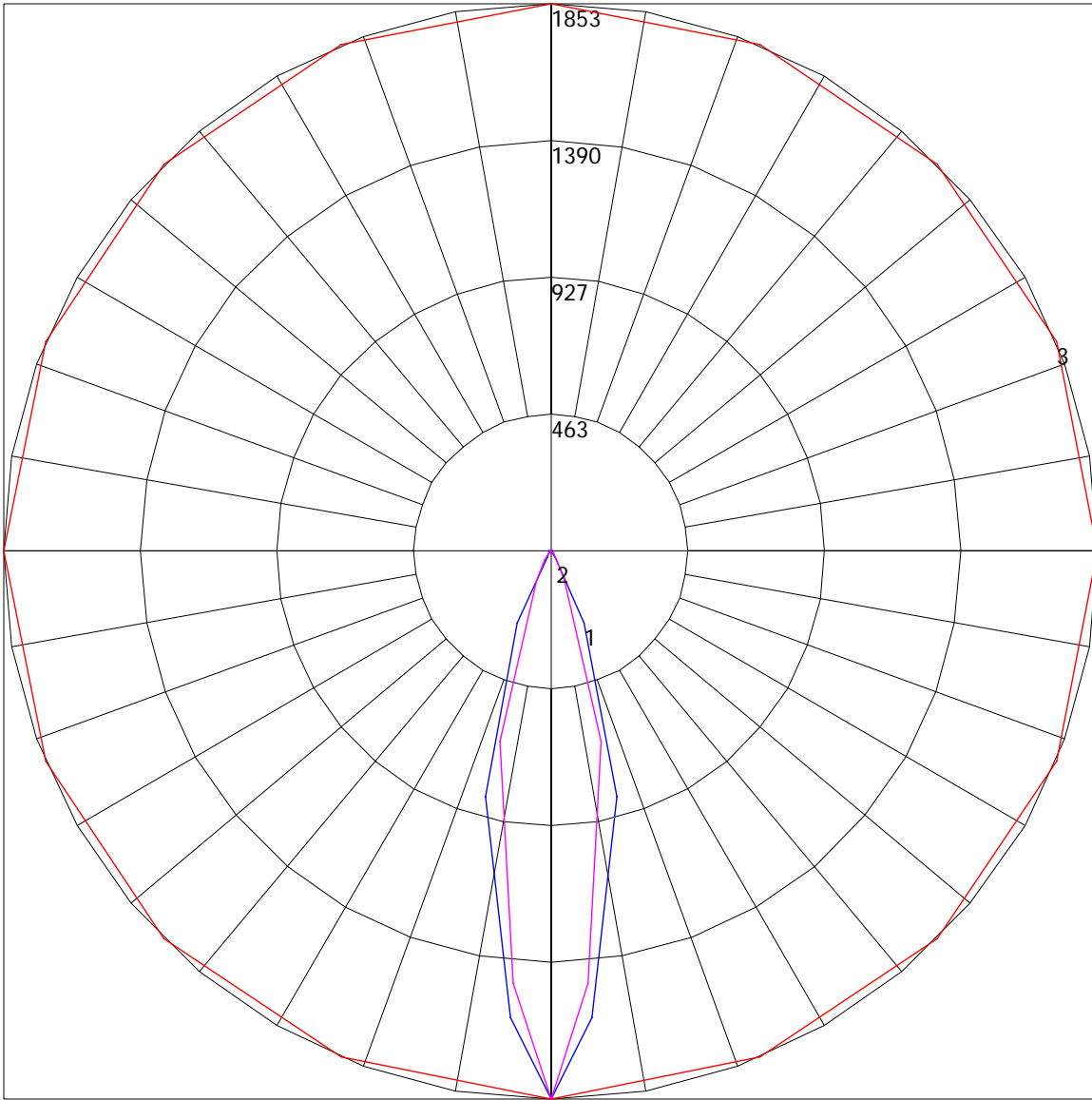
Zone	Lumens	%Lamp	%Fixt
0-30	437.14	N.A.	83.2
0-40	489.84	N.A.	93.3
0-60	515.12	N.A.	98.1
0-90	525.23	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	525.23	N.A.	100

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	40.58
10-20	220.88
20-30	175.68
30-40	52.71
40-50	17.47
50-60	7.81
60-70	3.5
70-80	2.38
80-90	4.23
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 = 1853 Located At Horizontal Angle = 0, Vertical Angle = 0
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 (0) (Through Max. Cd.) : RED