

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI040707J.IES**

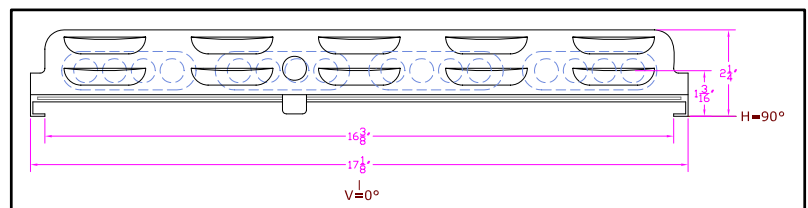
**DESCRIPTION INFORMATION (From Photometric File) \***

IESNA:LM-63-2002  
[TEST] LLI 0407-07J  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUE DATE] 4/24/2007  
[MANUFAC] KINO FLO, INC.  
[LUMCAT] BARFLY 400/OPEN FACE  
[LUMINAIRE] 16-1/2"L. X 17-1/8"W. X 2-1/4"H. STUDIO FIXTURE  
[MORE] WHITE PAINTED REFLECTOR  
[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, 238.2W

\*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)	1.28
Spacing Criteria (90-270)	1.36
Spacing Criteria (Diagonal)	1.44
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	14817	16014	16362
55	14161	15482	15589
65	12985	14229	14423
75	10628	11999	11287
85	4542	5560	2741

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**CANDELA TABULATION**

	<u>0</u>	<u>22.5</u>	<u>45</u>	<u>67.5</u>	<u>90</u>
<b>0</b>	2263	2263	2263	2263	2263
<b>5</b>	2276	2277	2280	2282	2283
<b>15</b>	2202	2211	2225	2240	2246
<b>25</b>	2044	2062	2101	2135	2153
<b>35</b>	1818	1849	1918	1971	1984
<b>45</b>	1535	1579	1659	1685	1695
<b>55</b>	1190	1257	1301	1306	1310
<b>65</b>	804	871	881	892	893
<b>75</b>	403	450	455	440	428
<b>85</b>	58	81	71	50	35
<b>90</b>	0	0	0	0	0

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**ZONAL LUMEN SUMMARY**

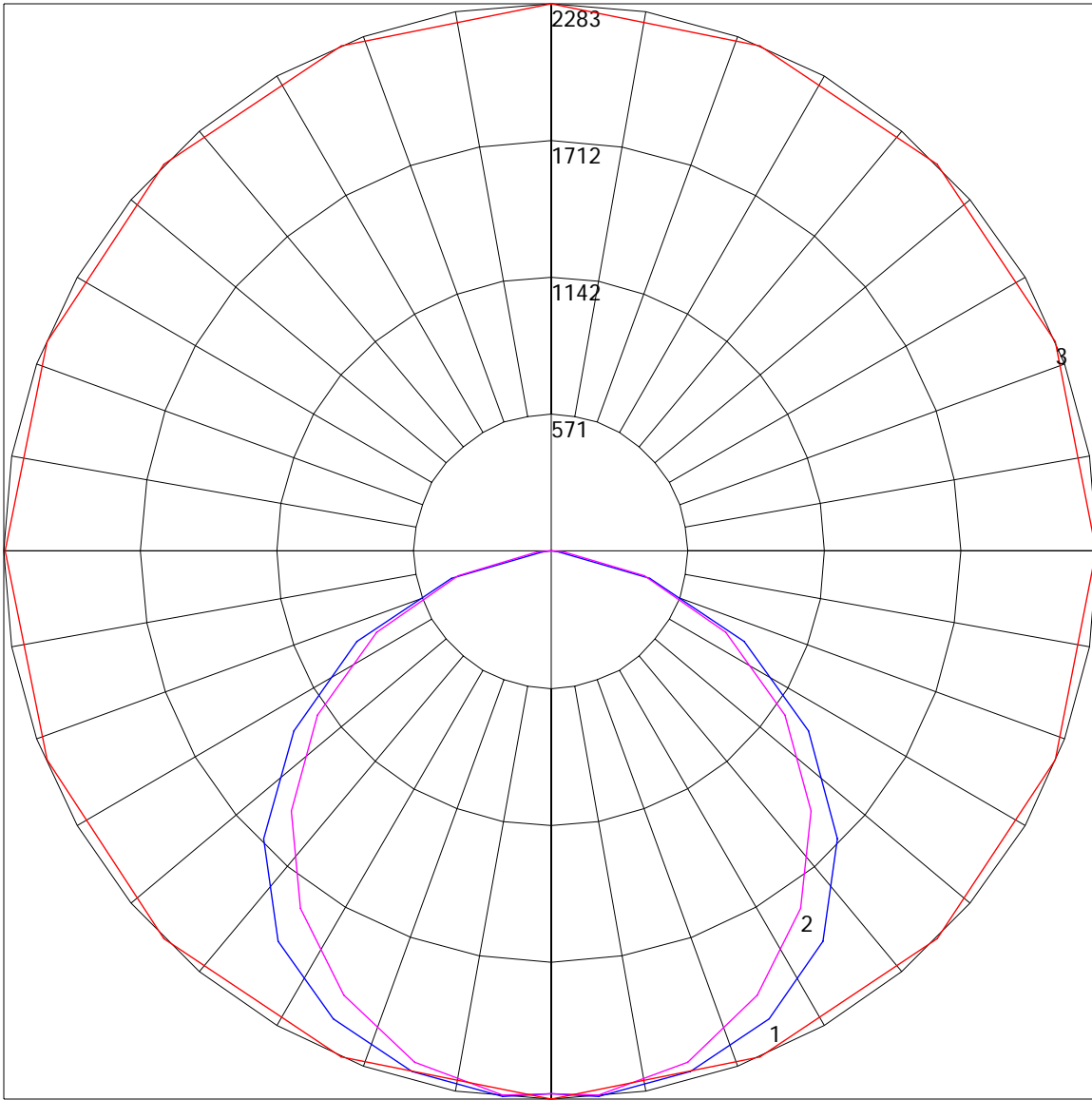
Zone	Lumens	%Lamp	%Fixt
0-30	1292.55	N.A.	18.9
0-40	2390.21	N.A.	34.9
0-60	4859.79	N.A.	71
0-90	6843.85	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	6843.85	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	54.31
10-20	428.36
20-30	809.89
30-40	1097.66
40-50	1247.58
50-60	1222
60-70	1020.41
70-80	675.79
80-90	287.87
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 = 2283 Located At Horizontal Angle = 90, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.) : BLUE  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180) : MAGENTA  
# 3 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED