



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI040707G.IES**

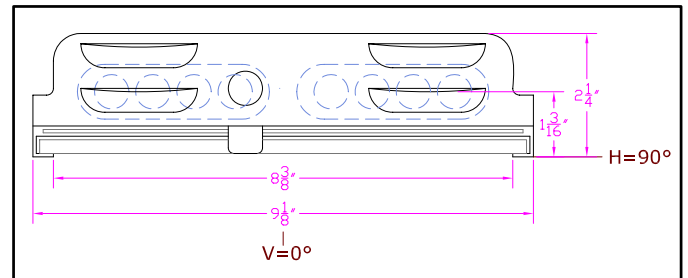
**DESCRIPTION INFORMATION (From Photometric File) \***

IESNA:LM-63-2002  
[TEST] LLI 0407-07G  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUE DATE] 4/24/2007  
[MANUFAC] KINO FLO, INC.  
[LUMCAT] BARFLY 200/60 DEGREE  
[LUMINAIRE] 16-1/2"L. X 9-1/8"W. X 2-1/4"H. STUDIO FIXTURE  
[MORE] WHITE PAINTED REFLECTOR  
[MORE] 60 DEGREE SPOT HEXCEL LOUVERS  
[BALLASTCAT] KINOFLO BAL-207-120  
[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, 117.7W

\*10/1/11 BAR-200D matches photometrically to BAR-200G & BAL-207-120

**CHARACTERISTICS**

|                             |                            |
|-----------------------------|----------------------------|
| Total Rated Lamp Lumens     | N.A. (absolute photometry) |
| Total Luminaire Efficiency  | N.A.                       |
| CIE Type                    | Direct                     |
| Spacing Criteria (0-180)    | 0.58                       |
| Spacing Criteria (90-270)   | 0.62                       |
| Spacing Criteria (Diagonal) | 0.66                       |
| Basic Luminous Shape        | Rectangular                |
| Luminous Length (0-180)     | 1.15 ft                    |
| Luminous Width (90-270)     | 0.70 ft                    |
| Luminous Height             | 0.00 ft                    |



**LUMINANCE DATA (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 340           | 378            | 283            |
| 55               | 163           | 186            | 116            |
| 65               | 95            | 95             | 63             |
| 75               | 103           | 52             | 52             |
| 85               | 766           | 153            | 153            |

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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>  | 1080     | 1080        | 1080      | 1080        | 1080      |
| <b>5</b>  | 961      | 969         | 977       | 979         | 982       |
| <b>15</b> | 637      | 652         | 671       | 675         | 683       |
| <b>25</b> | 321      | 319         | 340       | 361         | 352       |
| <b>35</b> | 69       | 77          | 78        | 92          | 104       |
| <b>45</b> | 18       | 20          | 20        | 17          | 15        |
| <b>55</b> | 7        | 7           | 8         | 7           | 5         |
| <b>65</b> | 3        | 3           | 3         | 3           | 2         |
| <b>75</b> | 2        | 2           | 1         | 1           | 1         |
| <b>85</b> | 5        | 5           | 1         | 1           | 1         |
| <b>90</b> | 0        | 0           | 0         | 0           | 0         |

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**ZONAL LUMEN SUMMARY**

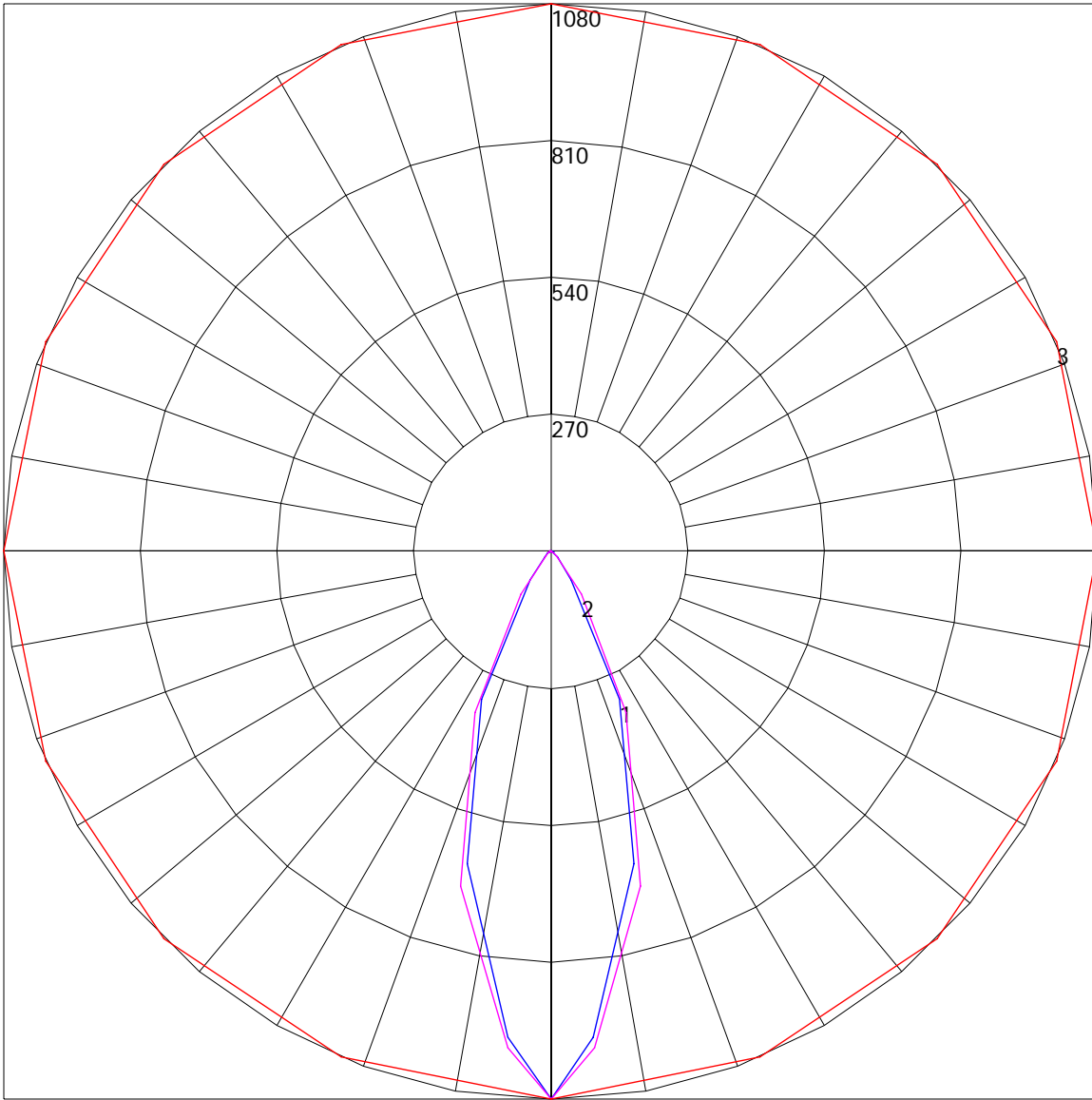
| Zone   | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30   | 368.35 | N.A.  | 68.2  |
| 0-40   | 484.04 | N.A.  | 89.6  |
| 0-60   | 530.5  | N.A.  | 98.2  |
| 0-90   | 540.14 | N.A.  | 100   |
| 90-120 | 0      | N.A.  | 0     |
| 90-130 | 0      | N.A.  | 0     |
| 90-150 | 0      | N.A.  | 0     |
| 90-180 | 0      | N.A.  | 0     |
| 0-180  | 540.14 | N.A.  | 100   |

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 24.56  |
| 10-20   | 155.82 |
| 20-30   | 187.97 |
| 30-40   | 115.68 |
| 40-50   | 35.82  |
| 50-60   | 10.64  |
| 60-70   | 4.68   |
| 70-80   | 2.19   |
| 80-90   | 2.77   |
| 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 = 1080 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