



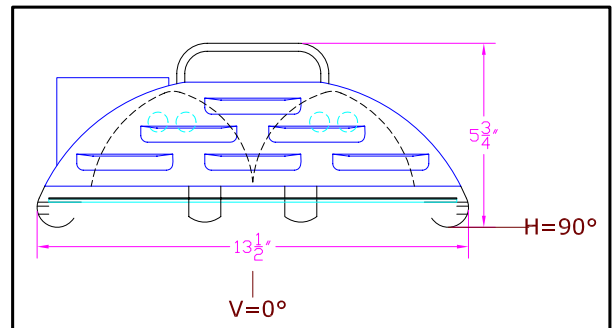
**IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI030704B.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0307-04B
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 3/14/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] PARABEAM 200 w/ DIFFUSER
[LUMINAIRE] 24.5"L. X 13.5"W. X 7.5"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[MORE] WITH DIFFUSER LENS
[BALLASTCAT] SYLVANIA QT2X54/120PHO-DIM
[BALLAST] 120V 60Hz ELECTRONIC
[LAMPPOSITION] 180,90
[LAMPCAT] KINO FLO TRUE MATCH 55C-K29
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_LAMPLUM] 2800
[_INPUT] 120VAC, 108.67W

CHARACTERISTICS

| | |
|-----------------------------|----------------------------|
| Total Rated Lamp Lumens | N.A. (absolute photometry) |
| Total Luminaire Efficiency | N.A. |
| CIE Type | Direct |
| Spacing Criteria (0-180) | 1.18 |
| Spacing Criteria (90-270) | 0.74 |
| Spacing Criteria (Diagonal) | 0.96 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 1.88 ft |
| Luminous Width (90-270) | 0.96 ft |
| Luminous Height | 0.00 ft |



LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 11502 | 6227 | 4618 |
| 55 | 6482 | 3646 | 2452 |
| 65 | 3638 | 2087 | 1480 |
| 75 | 2924 | 1542 | 1128 |
| 85 | 3828 | 1572 | 752 |

CANDELA TABULATION

| | <u>0</u> | <u>22.5</u> | <u>45</u> | <u>67.5</u> | <u>90</u> |
|------------|----------|-------------|-----------|-------------|-----------|
| 0 | 2677 | 2677 | 2677 | 2677 | 2677 |
| 5 | 2687 | 2685 | 2658 | 2620 | 2601 |
| 15 | 2548 | 2451 | 2166 | 1973 | 1912 |
| 25 | 2289 | 1989 | 1607 | 1369 | 1302 |
| 35 | 1910 | 1516 | 1130 | 995 | 959 |
| 45 | 1365 | 1027 | 739 | 598 | 548 |
| 55 | 624 | 508 | 351 | 263 | 236 |
| 65 | 258 | 214 | 148 | 120 | 105 |
| 75 | 127 | 110 | 67 | 56 | 49 |
| 85 | 56 | 46 | 23 | 13 | 11 |
| 90 | 11 | 11 | 9 | 6 | 5 |
| 95 | 0 | 0 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI030704B.IES

ZONAL LUMEN SUMMARY

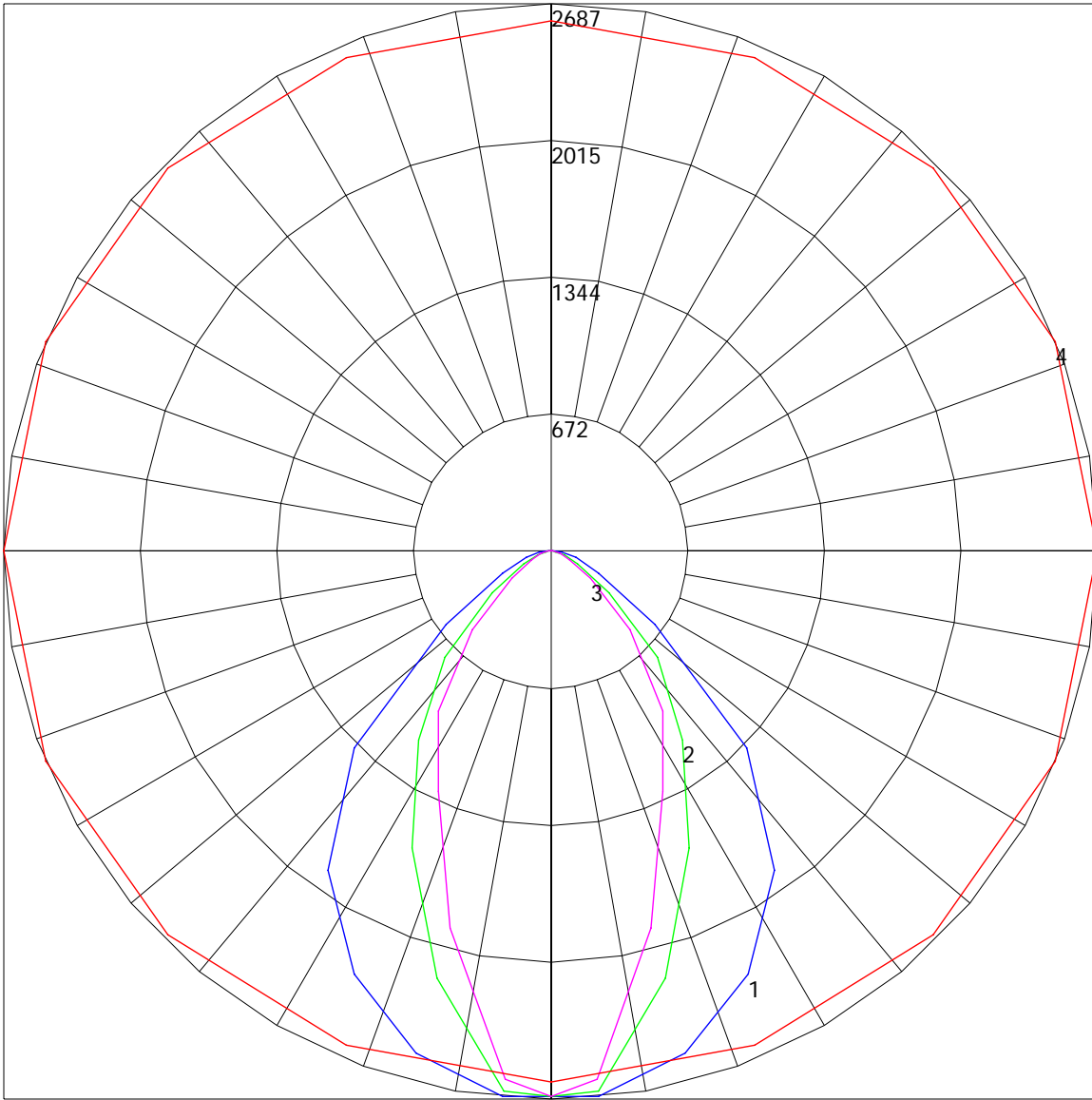
| Zone | Lumens | %Lamp | %Fixt |
|--------|---------|-------|-------|
| 0-30 | 1255.08 | N.A. | 33.2 |
| 0-40 | 2065.28 | N.A. | 54.7 |
| 0-60 | 3315.13 | N.A. | 87.8 |
| 0-90 | 3773.54 | N.A. | 99.9 |
| 90-120 | 2.33 | N.A. | .1 |
| 90-130 | 2.33 | N.A. | .1 |
| 90-150 | 2.33 | N.A. | .1 |
| 90-180 | 2.33 | N.A. | .1 |
| 0-180 | 3775.87 | N.A. | 100 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 63.7 |
| 10-20 | 461.84 |
| 20-30 | 729.54 |
| 30-40 | 810.2 |
| 40-50 | 738.85 |
| 50-60 | 511 |
| 60-70 | 262.67 |
| 70-80 | 126.65 |
| 80-90 | 69.08 |
| 90-100 | 2.33 |
| 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 = 2687 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN
3 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED