



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 387CFL32BB.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20864A
[MANUFAC]LDPI - VAPORPROOF - CFL BRACKET/BOX
[LUMCAT]387-CFL32-BB
[LUMINAIRE]WITH CLEAR LINEAR PRISMATIC GLASS JAR LENS AND DIE CAST GUARD
[LAMP]ONE 32 WATT CPFL LAMP. LUMEN RATING = 2400 LMS.
[OTHER]SIMULATED REPORT FROM TEST WITH 42 WATT LAMP

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Total Rated Lamp Lumens | 2400 |
| Total Luminaire Efficiency | 66.2 % |
| Luminaire Efficacy Rating (LER) | 44 |
| Total Luminaire Watts | 36 |
| Ballast Factor | 1.00 |
| CIE Type | General Diffuse |
| Spacing Criteria (0-180) | N.A. |
| Spacing Criteria (90-270) | N.A. |
| Spacing Criteria (Diagonal) | N.A. |
| Basic Luminous Shape | Point |
| Luminous Length (0-180) | 0.00 ft |
| Luminous Width (90-270) | 0.00 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 |

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ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|--------|---------|-------|-------|
| 0-30 | 55.45 | 2.3 | 3.5 |
| 0-40 | 123.33 | 5.1 | 7.8 |
| 0-60 | 366.94 | 15.3 | 23.1 |
| 0-90 | 934.06 | 38.9 | 58.8 |
| 90-120 | 485.39 | 20.2 | 30.6 |
| 90-130 | 576.93 | 24 | 36.3 |
| 90-150 | 651.31 | 27.1 | 41 |
| 90-180 | 653.68 | 27.2 | 41.2 |
| 0-180 | 1587.74 | 66.2 | 100 |

Total Luminaire Efficiency = 66.2%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 4.63 |
| 10-20 | 15.41 |
| 20-30 | 35.42 |
| 30-40 | 67.87 |
| 40-50 | 103.3 |
| 50-60 | 140.31 |
| 60-70 | 173.24 |
| 70-80 | 194.93 |
| 80-90 | 198.95 |
| 90-100 | 191.54 |
| 100-110 | 165.71 |
| 110-120 | 128.14 |
| 120-130 | 91.53 |
| 130-140 | 54.38 |
| 140-150 | 20 |
| 150-160 | 2.34 |
| 160-170 | .02 |
| 170-180 | 0 |

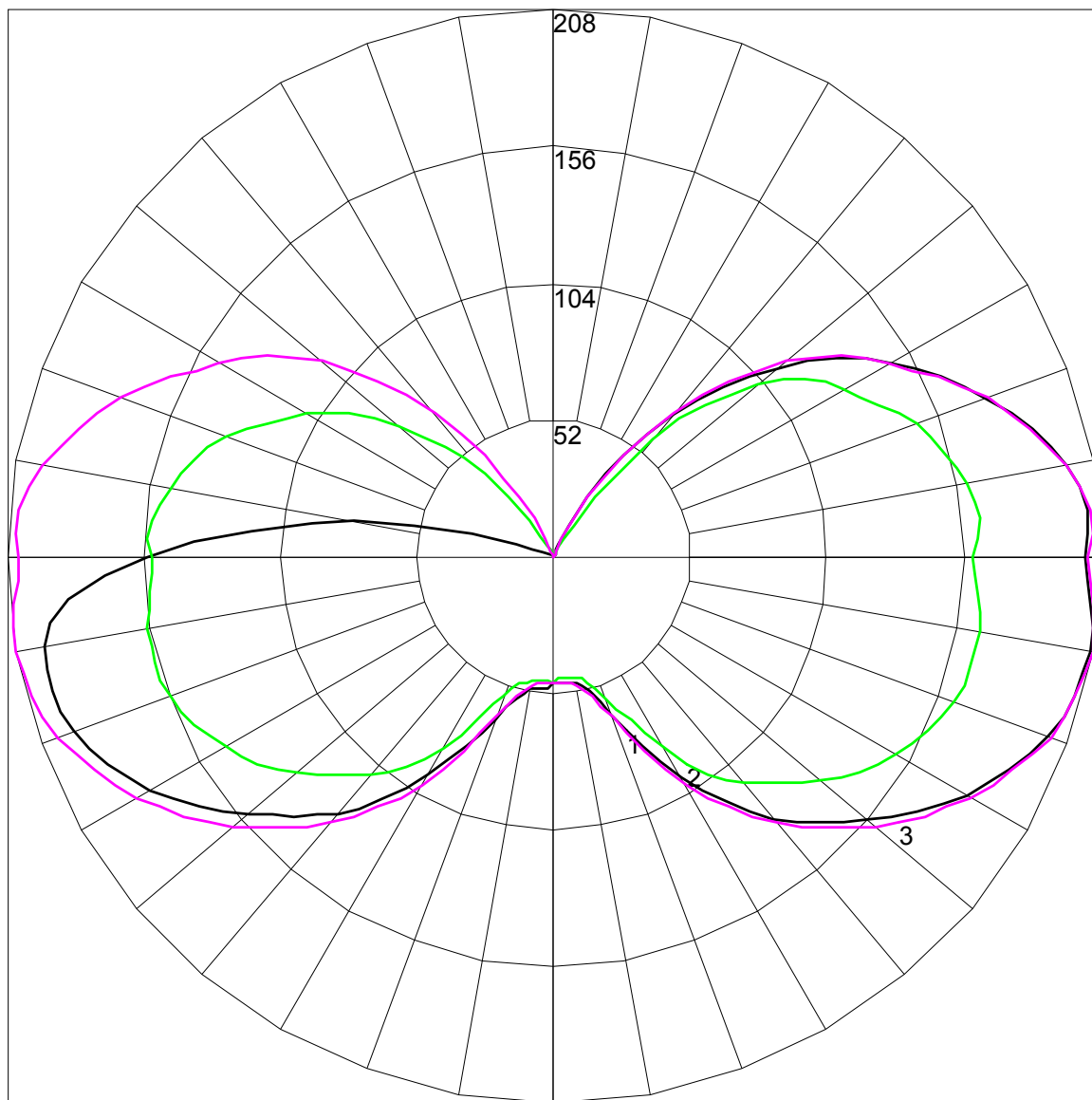
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| 0 | 72 | 72 | 72 | 72 | 67 | 67 | 67 | 67 | 58 | 58 | 58 | 50 | 50 | 50 | 42 | 42 | 42 | 39 |
| 1 | 62 | 57 | 53 | 49 | 57 | 53 | 49 | 45 | 45 | 42 | 39 | 37 | 35 | 33 | 31 | 29 | 27 | 24 |
| 2 | 54 | 47 | 41 | 36 | 50 | 44 | 38 | 34 | 37 | 33 | 29 | 30 | 27 | 24 | 25 | 22 | 20 | 17 |
| 3 | 49 | 40 | 34 | 28 | 45 | 37 | 31 | 26 | 31 | 26 | 22 | 26 | 22 | 19 | 20 | 17 | 15 | 12 |
| 4 | 44 | 35 | 28 | 23 | 40 | 32 | 26 | 21 | 27 | 22 | 18 | 22 | 18 | 15 | 17 | 14 | 12 | 9 |
| 5 | 40 | 30 | 24 | 19 | 36 | 28 | 22 | 17 | 23 | 18 | 15 | 19 | 15 | 12 | 15 | 12 | 9 | 7 |
| 6 | 36 | 27 | 20 | 16 | 33 | 25 | 19 | 15 | 21 | 16 | 12 | 17 | 13 | 10 | 14 | 10 | 8 | 6 |
| 7 | 34 | 24 | 18 | 13 | 31 | 22 | 16 | 12 | 19 | 14 | 10 | 15 | 11 | 8 | 12 | 9 | 7 | 5 |
| 8 | 31 | 22 | 16 | 11 | 28 | 20 | 14 | 11 | 17 | 12 | 9 | 14 | 10 | 7 | 11 | 8 | 6 | 4 |
| 9 | 29 | 19 | 14 | 10 | 26 | 18 | 13 | 9 | 15 | 11 | 8 | 13 | 9 | 6 | 10 | 7 | 5 | 3 |
| 10 | 27 | 18 | 12 | 9 | 25 | 16 | 11 | 8 | 14 | 10 | 7 | 12 | 8 | 6 | 9 | 6 | 4 | 3 |

POLAR GRAPH



Maximum Candela = 208.1 Located At Horizontal Angle = 90, Vertical Angle = 80
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)