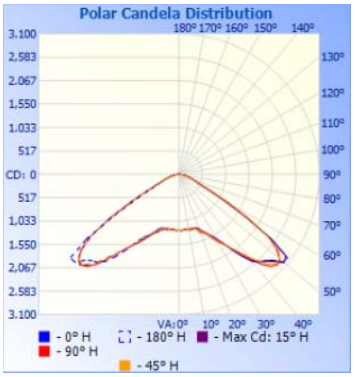
# Photometrics Pro

## Luminaire Photometric Report

**Filename:** **90 W 360**
Manufacturer: YJBLED
Luminaire: EXTRUDED DIFFUSE METAL FRAME WITH CAST SEMI-DIFFUSE METAL CORNERS, FORMED PERFORATED METAL TOP CAGE, NINE CAST METAL HEAT SINKS, EACH HEAT SINK HAS TEN LED MODULES, EACH LED MODULE CONTAINS: CAST FINNED METAL BODY, ONE CIRCUIT BOARD WITH ONE LED, CLEAR SEMI-HEMISPHERICAL PLASTIC LENS WITH RECESSED BOTTOM AND CYLINDRICAL SIDES.
Luminaire Cat: 201-90WL
Lamp: NINETY 1-WATT WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS) EACH WITH CLEAR HEMISPHERICAL INTEGRAL LENS, VERTICAL BASE-UP POSITION.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 7457
Max Candela: 3,032.3 at Horizontal: 15, Vertical: 50
Input Wattage: 85
Luminous Opening: Rectangle (L: 1.61ft, W: 1.14ft)
Test: ITL61362 - Simulated 90W
Test Lab: INDEPENDENT TESTING LABORATORIES, INC.
Photometry : Type C
CIE Class: Direct




### Roadway Summary

| | | |
|---|---|---|
| Cutoff Classification: | | FULL CUTOFF |
| Distribution: | | TYPE II, VERY SHORT |
| Max Cd, 90 Deg Vert: | | 0 |
| Max Cd, 80 to <90 Deg: | | 132.8 |
| Lum | ens | % Lamp |
| Downward Street Side: | 3,728.4 | 50% |
| Downward House Side: | 3,728.4 | 50% |
| Downward Total: | 7,456.8 | 100% |
| Upward Street Side: | 0 | 0% |
| Upward House Side: | 0 | 0% |
| Upward Total: | 0 | 0% |
| Total Lumens: | 7,456.8 | 100% |

### Flood Summary

| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|---|---|---|---|---|
| Field (10%): | 96.7% | 7,213.4 | 114.2 | 141.8 |
| Beam (50%): | 74.1% | 5,528.4 | 62 | 31.4 |
| Total: | 100% | 7,454.1 | | |

### Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|---|---|---|---|
| 0-30 | 1,159.6 | 15.5% | 15.5% |
| 0-40 | 2,431.8 | 32.6% | 32.6% |
| 0-60 | 6,582.3 | 88.3% | 88.3% |
| 60-90 | 874.8 | 11.7% | 11.7% |
| 0-90 | 7,457.1 | 100% | 100% |
| 90-180 | 0 | 0% | 0% |
| 0-180 | 7,457.1 | 100% | 100% |

Efficiency Total: 100%

### Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|---|---|---|---|---|---|
| 0-10 | 117.2 | 1.6% | 90-100 | 0 | 0% |
| 10-20 | 356.6 | 4.8% | 100-110 | 0 | 0% |
| 20-30 | 685.8 | 9.2% | 110-120 | 0 | 0% |
| 30-40 | 1,272.3 | 17.1% | 120-130 | 0 | 0% |
| 40-50 | 2,131.7 | 28.6% | 130-140 | 0 | 0% |
| 50-60 | 2,018.8 | 27.1% | 140-150 | 0 | 0% |
| 60-70 | 609.1 | 8.2% | 150-160 | 0 | 0% |
| 70-80 | 215.9 | 2.9% | 160-170 | 0 | 0% |
| 80-90 | 49.8 | 0.7% | 170-180 | 0 | 0% |

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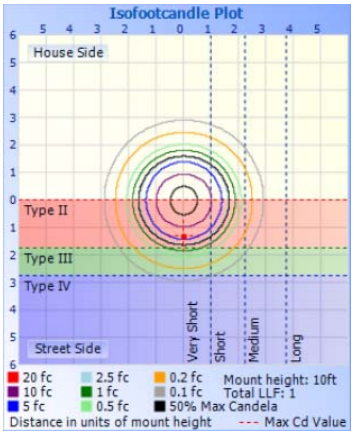


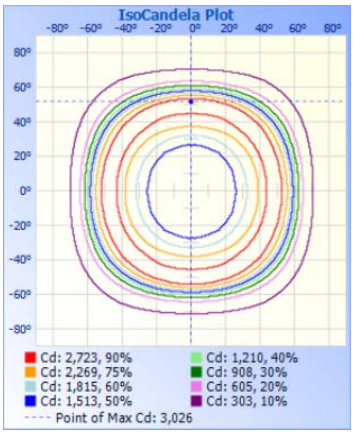


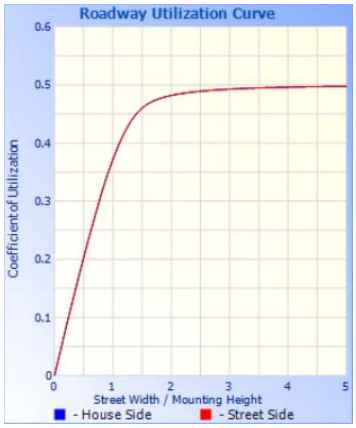


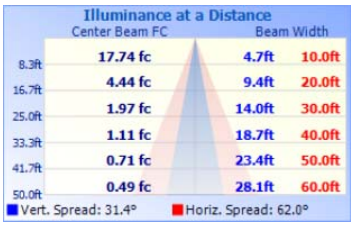

**Photometrics Pro**

**Zonal Lumen Tabulation - Flood Type**

| | 1.25 | 3.75 | 6.25 | 8.75 | 11.25 | 13.75 | 15.5 | 16.75 | 18.5 | 19.75 | 21.25 | 23.75 | 26.25 | 28.75 | 31.25 | 33.75 | 36.25 | 38.75 | 41.25 | 43.75 | 46.25 | 48.75 | 51.25 | 53.75 | 56.25 | 58.75 | 61.25 | 63.75 | 66.25 | 68.75 | 71.25 | 73.75 | 76.25 | 78 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 86.25 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0 | 0 | 0.1 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 83.75 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 81.25 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 78.75 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.2 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 76.25 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 73.75 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.3 | 0.1 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | |
| 71.25 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.2 | 0.3 | 0.4 | 0.1 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | |
| 68.75 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.2 | 0.4 | 0.5 | 0.1 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | |
| 66.25 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.3 | 0.5 | 0.6 | 0.1 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | |
| 63.75 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1 | 0.4 | 0.6 | 0.8 | 0.2 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| 61.25 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | 0.6 | 0.8 | 1.1 | 0.3 | 1.2 | 1.1 | 1 | 0.9 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| 58.75 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 0.9 | 1.2 | 1.6 | 0.4 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| 56.25 | 4 | 4 | 3.8 | 3.7 | 3.5 | 3.3 | 1.3 | 1.8 | 2.3 | 0.5 | 2.5 | 2.3 | 2 | 1.7 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| 53.75 | 5.3 | 5.2 | 5.1 | 4.9 | 4.7 | 4.5 | 1.7 | 2.5 | 3.2 | 0.8 | 3.6 | 3.2 | 2.8 | 2.4 | 2.1 | 1.7 | 1.4 | 1.2 | 1 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | |
| 51.25 | **5.7** | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 2.1 | 3 | 3.9 | 0.9 | 4.5 | 4.1 | 3.7 | 3.3 | 2.8 | 2.4 | 2 | 1.6 | 1.3 | 1 | 0.8 | 0.7 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | |
| 48.75 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 2.2 | 3.2 | 4.2 | 1 | 5.1 | 4.8 | 4.5 | 4.1 | 3.6 | 3.1 | 2.6 | 2.1 | 1.7 | 1.3 | 1 | 0.8 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| 46.25 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 2.1 | 3.2 | 4.2 | 1.1 | 5.2 | 5.1 | 4.9 | 4.6 | 4.2 | 3.8 | 3.2 | 2.7 | 2.2 | 1.7 | 1.3 | 1 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| 43.75 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 2 | 3 | 4.1 | 1 | 5.1 | 5 | 5 | 4.8 | 4.6 | 4.2 | 3.8 | 3.3 | 2.7 | 2.1 | 1.6 | 1.2 | 0.9 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| 41.25 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 1.9 | 2.9 | 3.9 | 1 | 4.9 | 4.9 | 4.9 | 4.8 | 4.7 | 4.5 | 4.2 | 3.7 | 3.2 | 2.6 | 2 | 1.5 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| 38.75 | 4.5 | 4.5 | 4.5 | 4.6 | 4.6 | 4.6 | 1.9 | 2.8 | 3.7 | 0.9 | 4.7 | 4.7 | 4.8 | 4.8 | 4.7 | 4.6 | 4.4 | 4 | 3.6 | 3 | 2.4 | 1.8 | 1.3 | 0.9 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 36.25 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.3 | 1.7 | 2.6 | 3.5 | 0.9 | 4.5 | 4.5 | 4.6 | 4.6 | 4.7 | 4.6 | 4.4 | 4.2 | 3.9 | 3.4 | 2.8 | 2.2 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 33.75 | 3.6 | 3.7 | 3.7 | 3.7 | 3.8 | 3.9 | 1.6 | 2.4 | 3.2 | 0.8 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.5 | 4.5 | 4.3 | 4 | 3.6 | 3.1 | 2.5 | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 31.25 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.5 | 1.4 | 2.2 | 3 | 0.8 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 | 4.4 | 4.4 | 4.3 | 4.1 | 3.8 | 3.3 | 2.7 | 2.1 | 1.5 | 1 | 0.7 | 0.5 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 28.75 | 3 | 3 | 3.1 | 3.1 | 3.2 | 3.2 | 1.3 | 2 | 2.7 | 0.7 | 3.6 | 3.7 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 | 4.3 | 4.2 | 3.9 | 3.5 | 3 | 2.4 | 1.7 | 1.2 | 0.8 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 26.25 | 2.8 | 2.8 | 2.9 | 2.9 | 3 | 3 | 1.2 | 1.9 | 2.6 | 0.6 | 3.3 | 3.4 | 3.6 | 3.7 | 3.9 | 4 | 4.2 | 4.2 | 4.2 | 4 | 3.6 | 3.2 | 2.6 | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 23.75 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 1.1 | 1.7 | 2.4 | 0.6 | 3.1 | 3.2 | 3.4 | 3.5 | 3.7 | 3.8 | 4 | 4.1 | 4.1 | 4 | 3.7 | 3.3 | 2.8 | 2.1 | 1.5 | 1 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | | |
| 21.25 | 2.5 | 2.5 | 2.6 | 2.6 | 2.6 | 2.7 | 1.1 | 1.7 | 2.3 | 0.6 | 3 | 3.1 | 3.2 | 3.3 | 3.5 | 3.7 | 3.8 | 4 | 4.1 | 4 | 3.8 | 3.4 | 2.9 | 2.3 | 1.6 | 1.1 | 0.7 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | |
| 19.75 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.3 | 0.4 | 0.1 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | |
| 18.5 | 1.9 | 1.9 | 2 | 2 | 2 | 2 | 0.8 | 1.3 | 1.7 | 0.4 | 2.2 | 2.3 | 2.4 | 2.5 | 2.7 | 2.8 | 2.9 | 3.1 | 3.2 | 3.2 | 3.1 | 2.8 | 2.4 | 1.9 | 1.4 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| 16.75 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 0.6 | 0.9 | 1.3 | 0.3 | 1.6 | 1.7 | 1.8 | 1.9 | 1.9 | 2 | 2.1 | 2.3 | 2.4 | 2.4 | 2.3 | 2.1 | 1.9 | 1.5 | 1.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| 15.5 | 0.9 | 0.9 | 0.9 | 1 | 1 | 1 | 0.4 | 0.6 | 0.8 | 0.2 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.5 | 1.4 | 1.3 | 1 | 0.8 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| 13.75 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 1 | 1.5 | 2 | 0.5 | 2.6 | 2.7 | 2.8 | 3 | 3.1 | 3.3 | 3.4 | 3.6 | 3.8 | 3.9 | 3.9 | 3.6 | 3.2 | 2.6 | 2 | 1.3 | 0.8 | 0.5 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | |
| 11.25 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 1 | 1.5 | 2 | 0.5 | 2.5 | 2.6 | 2.8 | 2.9 | 3 | 3.2 | 3.4 | 3.5 | 3.7 | 3.9 | 3.8 | 3.6 | 3.2 | 2.7 | 2 | 1.4 | 0.9 | 0.5 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| 8.75 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.5 | 2.6 | 2.7 | 2.8 | 3 | 3.1 | 3.3 | 3.5 | 3.7 | 3.8 | 3.8 | 3.7 | 3.3 | 2.8 | 2.1 | 1.4 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| 6.25 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.3 | 2.8 | 2.2 | 1.5 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| 3.75 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.4 | 2.9 | 2.2 | 1.5 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | |
| 1.25 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.4 | 2.9 | 2.2 | 1.5 | 1 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | |
| -1.25 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.4 | 2.9 | 2.2 | 1.5 | 1 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | |
| -3.75 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.4 | 2.9 | 2.2 | 1.5 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | |
| -6.25 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 3.3 | 2.8 | 2.2 | 1.5 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| -8.75 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 0.9 | 1.4 | 1.9 | 0.5 | 2.5 | 2.6 | 2.7 | 2.8 | 3 | 3.1 | 3.3 | 3.5 | 3.7 | 3.8 | 3.8 | 3.7 | 3.3 | 2.8 | 2.1 | 1.4 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| -11.25 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 1 | 1.5 | 2 | 0.5 | 2.5 | 2.6 | 2.8 | 2.9 | 3 | 3.2 | 3.4 | 3.5 | 3.7 | 3.9 | 3.8 | 3.6 | 3.2 | 2.7 | 2 | 1.4 | 0.9 | 0.5 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | |
| -13.75 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 1 | 1.5 | 2 | 0.5 | 2.6 | 2.7 | 2.8 | 3 | 3.1 | 3.3 | 3.4 | 3.6 | 3.8 | 3.9 | 3.9 | 3.6 | 3.2 | 2.6 | 2 | 1.3 | 0.8 | 0.5 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | |
| -15.5 | 0.9 | 0.9 | 0.9 | 1 | 1 | 1 | 0.4 | 0.6 | 0.8 | 0.2 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.5 | 1.4 | 1.3 | 1 | 0.8 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| -16.75 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 0.6 | 0.9 | 1.3 | 0.3 | 1.6 | 1.7 | 1.8 | 1.9 | 1.9 | 2 | 2.1 | 2.3 | 2.4 | 2.4 | 2.3 | 2.1 | 1.9 | 1.5 | 1.1 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| -18.5 | 1.9 | 1.9 | 2 | 2 | 2 | 2 | 0.8 | 1.3 | 1.7 | 0.4 | 2.2 | 2.3 | 2.4 | 2.5 | 2.7 | 2.8 | 2.9 | 3.1 | 3.2 | 3.2 | 3.1 | 2.8 | 2.4 | 1.9 | 1.4 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -19.75 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.3 | 0.4 | 0.1 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | |
| -21.25 | 2.5 | 2.5 | 2.6 | 2.6 | 2.6 | 2.7 | 1.1 | 1.7 | 2.3 | 0.6 | 3 | 3.1 | 3.2 | 3.3 | 3.5 | 3.7 | 3.8 | 4 | 4.1 | 4 | 3.8 | 3.4 | 2.9 | 2.3 | 1.6 | 1.1 | 0.7 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | |
| -23.75 | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 1.1 | 1.7 | 2.4 | 0.6 | 3.1 | 3.2 | 3.4 | 3.5 | 3.7 | 3.8 | 4 | 4.1 | 4.1 | 4 | 3.7 | 3.3 | 2.8 | 2.1 | 1.5 | 1 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -26.25 | 2.8 | 2.8 | 2.9 | 2.9 | 3 | 3 | 1.2 | 1.9 | 2.6 | 0.6 | 3.3 | 3.4 | 3.6 | 3.7 | 3.9 | 4 | 4.2 | 4.2 | 4.2 | 4 | 3.6 | 3.2 | 2.6 | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -28.75 | 3 | 3 | 3.1 | 3.1 | 3.2 | 3.2 | 1.3 | 2 | 2.7 | 0.7 | 3.6 | 3.7 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 | 4.3 | 4.2 | 3.9 | 3.5 | 3 | 2.4 | 1.7 | 1.2 | 0.8 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -31.25 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.5 | 1.4 | 2.2 | 3 | 0.8 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 | 4.4 | 4.4 | 4.3 | 4.1 | 3.8 | 3.3 | 2.7 | 2.1 | 1.5 | 1 | 0.7 | 0.5 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -33.75 | 3.6 | 3.7 | 3.7 | 3.7 | 3.8 | 3.9 | 1.6 | 2.4 | 3.2 | 0.8 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.5 | 4.5 | 4.3 | 4 | 3.6 | 3.1 | 2.5 | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -36.25 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.3 | 1.7 | 2.6 | 3.5 | 0.9 | 4.5 | 4.5 | 4.6 | 4.6 | 4.7 | 4.6 | 4.4 | 4.2 | 3.9 | 3.4 | 2.8 | 2.2 | 1.6 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -38.75 | 4.5 | 4.5 | 4.5 | 4.6 | 4.6 | 4.6 | 1.9 | 2.8 | 3.7 | 0.9 | 4.7 | 4.7 | 4.8 | 4.8 | 4.7 | 4.6 | 4.4 | 4 | 3.6 | 3 | 2.4 | 1.8 | 1.3 | 0.9 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | |
| -41.25 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 1.9 | 2.9 | 3.9 | 1 | 4.9 | 4.9 | 4.9 | 4.8 | 4.7 | 4.5 | 4.2 | 3.7 | 3.2 | 2.6 | 2 | 1.5 | 1.1 | 0.8 | 0.6 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| -43.75 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 2 | 3 | 4.1 | 1 | 5.1 | 5 | 5 | 4.8 | 4.6 | 4.2 | 3.8 | 3.3 | 2.7 | 2.1 | 1.6 | 1.2 | 0.9 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| -46.25 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 2.1 | 3.2 | 4.2 | 1.1 | 5.2 | 5.1 | 4.9 | 4.6 | 4.2 | 3.8 | 3.2 | 2.7 | 2.2 | 1.7 | 1.3 | 1 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| -48.75 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 2.2 | 3.2 | 4.2 | 1 | 5.1 | 4.8 | 4.5 | 4.1 | 3.6 | 3.1 | 2.6 | 2.1 | 1.7 | 1.3 | 1 | 0.8 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0 | |
| -51.25 | **5.7** | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 2.1 | 3 | 3.9 | 0.9 | 4.5 | 4.1 | 3.7 | 3.3 | 2.8 | 2.4 | 2 | 1.6 | 1.3 | 1 | 0.8 | 0.7 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | |
| -53.75 | 5.3 | 5.2 | 5.1 | 4.9 | 4.7 | 4.5 | 1.7 | 2.5 | 3.2 | 0.8 | 3.6 | 3.2 | 2.8 | 2.4 | 2.1 | 1.7 | 1.4 | 1.2 | 1 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | |
| -56.25 | 4 | 4 | 3.8 | 3.7 | 3.5 | 3.3 | 1.3 | 1.8 | 2.3 | 0.5 | 2.5 | 2.3 | 2 | 1.7 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| -58.75 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 0.9 | 1.2 | 1.6 | 0.4 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| -61.25 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | 0.6 | 0.8 | 1.1 | 0.3 | 1.2 | 1.1 | 1 | 0.9 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| -63.75 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1 | 0.4 | 0.6 | 0.8 | 0.2 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | |
| -66.25 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.3 | 0.5 | 0.6 | 0.1 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | |
| -68.75 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.2 | 0.4 | 0.5 | 0.1 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | |
| -71.25 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.2 | 0.3 | 0.4 | 0.1 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -73.75 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.3 | 0.1 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 |
| -76.25 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -78.75 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.2 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -81.25 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -83.75 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25 | 0 | 0 | 0 | 0 | 0.1 | 0.1 | 0 | 0 | 0.1 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Maximum Im: 5.7
Field Im (Right Side): 3606.7
Total Im (Right Side): 3727.05

## Luminaire Report Summary

```
IESNA:LM-63-2002
[TEST]ITL61362 - Simulated 90W
[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.
[ISSUEDATE]11/25/08
[MANUFAC]YJBLED
[LUMCAT]201-90WL
[LUMINAIRE]EXTRUDED DIFFUSE METAL FRAME WITH CAST SEMI-DIFFUSE METAL
[MORE]CORNERS, FORMED PERFORATED METAL TOP CAGE, NINE CAST METAL
[MORE]HEAT SINKS, EACH HEAT SINK HAS TEN LED MODULES, EACH LED
[MORE]MODULE CONTAINS: CAST FINNED METAL BODY, ONE CIRCUIT BOARD
[MORE]WITH ONE LED, CLEAR SEMI-HEMISPHERICAL PLASTIC LENS WITH
[MORE]RECESSED BOTTOM AND CYLINDRICAL SIDES.
[LAMP]NINETY 1-WATT WHITE MULTI-CHIP LIGHT EMITTING
[MORE]DIODES (LEDS) EACH WITH CLEAR HEMISPHERICAL INTEGRAL LENS,
[MORE]VERTICAL BASE-UP POSITION.
[OTHER]TOTAL INPUT WATTS = 85.0 AT 120.0 VOLTS
[OTHER]TEST DISTANCE = 25.25 FEET
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[_LEDDRIVER]YJBLED C0900 AP 150 LED SY
[_NOTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT
[MORE]VOLTAGE (120VAC, 60Hz) TO THE LED DRIVER. LED DRIVER
[MORE]INFORMATION PROVIDED BY CLIENT.
FILE: CANDELA MULTIPLIER: 0.75
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 21
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1
```