



Photometric Report

Number of lamps: 2
 Lumens per lamp: 8350.00
 Input watts: 152.00
 Distribution: Semi-Direct
 Efficiency: 73.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 7.980
 90-270 Axis: 0.420
 Height: 0.270
 Spacing Criteria (0): 1.21
 Spacing Criteria (90): 1.48
 Spacing Criteria (Four Luminaires): 1.49

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 1910 | 11 | 16 |
| 0-40 | 3202 | 19 | 26 |
| 0-60 | 6092 | 36 | 50 |
| 0-90 | 9639 | 58 | 79 |
| 90-120 | 1915 | 11 | 16 |
| 90-150 | 2555 | 15 | 21 |
| 90-180 | 2617 | 16 | 21 |
| 0-180 | 12255 | 73 | 100 |

Total Luminaire Efficiency = 73%

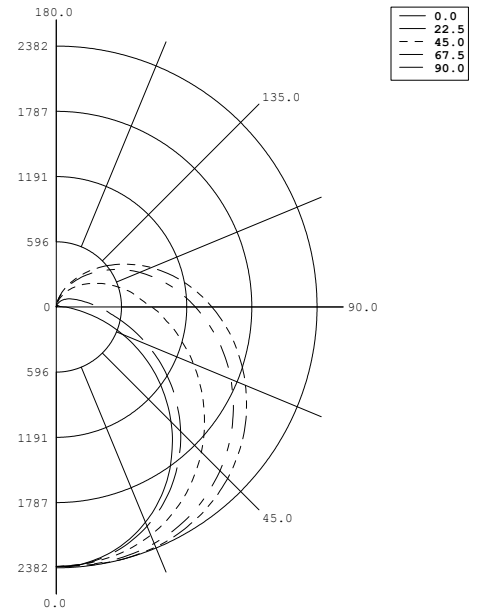
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 |
|------|------|------|------|
| 0.0 | 7611 | 7611 | 7611 |
| 45.0 | 6511 | 5757 | 6121 |
| 55.0 | 6014 | 5482 | 6081 |
| 65.0 | 5307 | 5300 | 6121 |
| 75.0 | 4286 | 5261 | 6304 |
| 85.0 | 3561 | 5531 | 6732 |

Coefficients of Utilization

pfc= 0.20

| pcc- | 0.80 | | | 0.70 | | | 0.50 | | | 0.30 | | | 0.10 | | | 0.0 | | |
|---------|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|-----|-----|----|
| pw->0.7 | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.0 | |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 84 | 84 | 84 | 84 | 80 | 80 | 80 | 80 | 73 | 73 | 73 | 66 | 66 | 66 | 61 | 61 | 61 | 58 |
| 1 | 74 | 69 | 65 | 62 | 70 | 66 | 62 | 59 | 60 | 57 | 54 | 54 | 52 | 50 | 49 | 48 | 46 | 43 |
| 2 | 66 | 59 | 53 | 48 | 63 | 56 | 51 | 47 | 51 | 47 | 43 | 46 | 43 | 40 | 42 | 39 | 37 | 34 |
| 3 | 60 | 51 | 44 | 39 | 57 | 49 | 43 | 38 | 44 | 39 | 35 | 40 | 36 | 33 | 36 | 33 | 30 | 28 |
| 4 | 54 | 45 | 38 | 33 | 51 | 43 | 36 | 31 | 39 | 34 | 29 | 35 | 31 | 27 | 32 | 28 | 25 | 23 |
| 5 | 50 | 40 | 33 | 28 | 47 | 38 | 32 | 27 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 22 | 20 |
| 6 | 46 | 36 | 29 | 24 | 43 | 34 | 28 | 23 | 31 | 26 | 22 | 28 | 24 | 20 | 26 | 22 | 19 | 17 |
| 7 | 42 | 32 | 25 | 21 | 40 | 31 | 24 | 20 | 28 | 23 | 19 | 26 | 21 | 18 | 23 | 20 | 16 | 15 |
| 8 | 39 | 29 | 23 | 18 | 37 | 28 | 22 | 18 | 26 | 20 | 17 | 24 | 19 | 16 | 22 | 18 | 15 | 13 |
| 9 | 37 | 27 | 20 | 16 | 35 | 25 | 20 | 16 | 23 | 18 | 15 | 22 | 17 | 14 | 20 | 16 | 13 | 12 |
| 10 | 34 | 24 | 18 | 15 | 33 | 23 | 18 | 14 | 22 | 17 | 13 | 20 | 16 | 13 | 18 | 15 | 12 | 10 |





Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|------|------|------|------|------|
| 0.0 | 2370 | 2370 | 2370 | 2370 | 2370 |
| 2.5 | 2370 | 2373 | 2364 | 2369 | 2367 |
| 5.0 | 2364 | 2365 | 2361 | 2371 | 2371 |
| 7.5 | 2346 | 2353 | 2357 | 2371 | 2374 |
| 10.0 | 2324 | 2334 | 2347 | 2371 | 2378 |
| 12.5 | 2297 | 2310 | 2336 | 2370 | 2381 |
| 15.0 | 2262 | 2283 | 2322 | 2364 | 2382 |
| 17.5 | 2223 | 2248 | 2303 | 2358 | 2379 |
| 20.0 | 2179 | 2210 | 2280 | 2350 | 2375 |
| 22.5 | 2127 | 2167 | 2255 | 2337 | 2373 |
| 25.0 | 2074 | 2118 | 2226 | 2322 | 2366 |
| 27.5 | 2013 | 2068 | 2192 | 2306 | 2355 |
| 30.0 | 1950 | 2011 | 2154 | 2286 | 2342 |
| 32.5 | 1881 | 1953 | 2115 | 2265 | 2324 |
| 35.0 | 1808 | 1888 | 2073 | 2239 | 2310 |
| 37.5 | 1727 | 1821 | 2025 | 2211 | 2287 |
| 40.0 | 1648 | 1751 | 1976 | 2180 | 2267 |
| 42.5 | 1568 | 1681 | 1926 | 2148 | 2239 |
| 45.0 | 1482 | 1606 | 1874 | 2115 | 2214 |
| 47.5 | 1395 | 1530 | 1819 | 2077 | 2184 |
| 50.0 | 1305 | 1450 | 1763 | 2038 | 2149 |
| 52.5 | 1215 | 1373 | 1705 | 1998 | 2117 |
| 55.0 | 1126 | 1294 | 1648 | 1957 | 2083 |
| 57.5 | 1032 | 1213 | 1590 | 1911 | 2044 |
| 60.0 | 938 | 1133 | 1531 | 1867 | 2004 |
| 62.5 | 843 | 1056 | 1471 | 1820 | 1959 |
| 65.0 | 749 | 975 | 1413 | 1772 | 1916 |
| 67.5 | 657 | 899 | 1354 | 1726 | 1871 |
| 70.0 | 565 | 826 | 1300 | 1677 | 1826 |
| 72.5 | 476 | 754 | 1238 | 1627 | 1777 |
| 75.0 | 389 | 685 | 1181 | 1576 | 1727 |
| 77.5 | 305 | 620 | 1130 | 1526 | 1679 |
| 80.0 | 237 | 561 | 1078 | 1474 | 1630 |
| 82.5 | 174 | 505 | 1017 | 1421 | 1578 |
| 85.0 | 134 | 465 | 971 | 1371 | 1525 |
| 87.5 | 104 | 428 | 925 | 1319 | 1472 |
| 90.0 | 73 | 386 | 870 | 1269 | 1421 |
| 92.5 | 55 | 348 | 818 | 1221 | 1370 |
| 95.0 | 43 | 320 | 778 | 1170 | 1316 |
| 97.5 | 33 | 294 | 740 | 1122 | 1263 |
| 100.0 | 33 | 268 | 712 | 1071 | 1210 |
| 102.5 | 30 | 247 | 677 | 1020 | 1155 |
| 105.0 | 26 | 230 | 637 | 972 | 1102 |
| 107.5 | 26 | 211 | 599 | 920 | 1046 |
| 110.0 | 26 | 198 | 565 | 872 | 993 |
| 112.5 | 24 | 183 | 532 | 826 | 940 |
| 115.0 | 24 | 170 | 497 | 778 | 887 |
| 117.5 | 23 | 159 | 466 | 729 | 833 |
| 120.0 | 22 | 149 | 432 | 684 | 779 |
| 122.5 | 17 | 139 | 404 | 639 | 730 |
| 125.0 | 17 | 130 | 374 | 593 | 678 |
| 127.5 | 18 | 121 | 347 | 547 | 628 |
| 130.0 | 17 | 109 | 321 | 508 | 582 |
| 132.5 | 15 | 104 | 295 | 467 | 534 |
| 135.0 | 15 | 93 | 271 | 427 | 489 |
| 137.5 | 13 | 89 | 246 | 390 | 446 |
| 140.0 | 8 | 79 | 225 | 353 | 403 |
| 142.5 | 11 | 70 | 202 | 315 | 361 |
| 145.0 | 9 | 63 | 182 | 283 | 323 |
| 147.5 | 7 | 56 | 160 | 251 | 285 |
| 150.0 | 5 | 46 | 140 | 221 | 251 |
| 152.5 | 8 | 43 | 118 | 194 | 218 |
| 155.0 | 5 | 38 | 103 | 162 | 187 |
| 157.5 | 5 | 32 | 88 | 137 | 158 |
| 160.0 | 2 | 26 | 73 | 113 | 128 |
| 162.5 | 3 | 22 | 57 | 91 | 104 |
| 165.0 | 2 | 12 | 43 | 71 | 79 |
| 167.5 | 3 | 9 | 30 | 50 | 57 |
| 170.0 | 2 | 8 | 18 | 32 | 39 |
| 172.5 | 1 | 6 | 11 | 17 | 21 |
| 175.0 | 1 | 4 | 5 | 8 | 6 |
| 177.5 | 0 | 3 | 2 | 2 | 0 |
| 180.0 | 1 | 1 | 1 | 1 | 1 |