



Photometric Report

Number of lamps: 1
 Lumens per lamp: 9500.00
 Input watts: 100.00
 Distribution: Indirect
 Efficiency: 57.0
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 0.958
 90-270 Axis: 0.678
 Height: 0.678
 Spacing Criteria (0): -0.01
 Spacing Criteria (90): -0.01
 Spacing Criteria (Four Luminaires): -0.01

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 0 | 0 | 0 |
| 0-40 | 0 | 0 | 0 |
| 0-60 | 12 | 0 | 0 |
| 0-90 | 430 | 5 | 8 |
| 90-120 | 1856 | 20 | 34 |
| 90-150 | 4118 | 43 | 76 |
| 90-180 | 4980 | 52 | 92 |
| 0-180 | 5411 | 57 | 100 |

Total Luminaire Efficiency = 57%

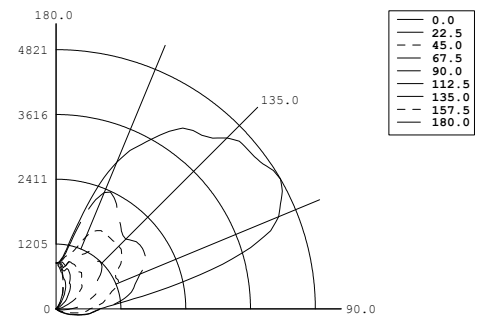
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 | 135.0 | 180.0 |
|------|-------|------|------|-------|-------|
| 0.0 | 0 | 0 | 0 | 0 | 0 |
| 45.0 | 0 | 0 | 0 | 0 | 0 |
| 55.0 | 1036 | 74 | 0 | 0 | 0 |
| 65.0 | 3492 | 1017 | 0 | 0 | 0 |
| 75.0 | 7746 | 3188 | 0 | 0 | 0 |
| 85.0 | 14244 | 7084 | 0 | 0 | 0 |

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 | 0.7 | 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 | 55 | 55 | 55 | 55 | 48 | 48 | 48 | 48 | 34 | 34 | 34 | 22 | 22 | 22 | 10 | 10 | 4 |
| 1 | 49 | 46 | 44 | 42 | 42 | 40 | 38 | 36 | 28 | 27 | 25 | 17 | 16 | 15 | 7 | 7 | 6 |
| 2 | 45 | 40 | 37 | 33 | 38 | 35 | 32 | 29 | 24 | 22 | 21 | 15 | 13 | 12 | 6 | 5 | 5 |
| 3 | 40 | 35 | 31 | 28 | 35 | 30 | 27 | 24 | 21 | 19 | 17 | 13 | 11 | 10 | 5 | 4 | 4 |
| 4 | 37 | 31 | 26 | 23 | 32 | 27 | 23 | 20 | 19 | 16 | 14 | 11 | 10 | 9 | 4 | 4 | 3 |
| 5 | 34 | 27 | 23 | 19 | 29 | 24 | 20 | 17 | 16 | 14 | 12 | 10 | 8 | 7 | 4 | 3 | 3 |
| 6 | 31 | 24 | 20 | 17 | 26 | 21 | 17 | 14 | 15 | 12 | 10 | 9 | 7 | 6 | 3 | 3 | 2 |
| 7 | 28 | 22 | 17 | 14 | 24 | 19 | 15 | 12 | 13 | 11 | 9 | 8 | 6 | 5 | 3 | 2 | 2 |
| 8 | 26 | 19 | 15 | 12 | 22 | 17 | 13 | 11 | 12 | 9 | 8 | 7 | 6 | 5 | 3 | 2 | 2 |
| 9 | 24 | 18 | 14 | 11 | 21 | 15 | 12 | 9 | 11 | 8 | 7 | 7 | 5 | 4 | 3 | 2 | 1 |
| 10 | 23 | 16 | 12 | 9 | 19 | 14 | 11 | 8 | 10 | 8 | 6 | 6 | 5 | 4 | 2 | 2 | 1 |





Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 |
|-------|------|------|------|------|------|-------|-------|-------|-------|
| 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47.5 | 9 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50.0 | 26 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52.5 | 51 | 23 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| 55.0 | 72 | 47 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| 57.5 | 101 | 73 | 10 | 5 | 0 | 0 | 0 | 0 | 0 |
| 60.0 | 132 | 102 | 29 | 12 | 0 | 0 | 0 | 0 | 0 |
| 62.5 | 174 | 142 | 60 | 16 | 0 | 0 | 0 | 0 | 0 |
| 65.0 | 224 | 185 | 93 | 15 | 0 | 0 | 0 | 0 | 0 |
| 67.5 | 269 | 237 | 130 | 12 | 0 | 0 | 0 | 0 | 0 |
| 70.0 | 313 | 285 | 180 | 10 | 0 | 0 | 0 | 0 | 0 |
| 72.5 | 369 | 334 | 224 | 14 | 0 | 0 | 0 | 0 | 0 |
| 75.0 | 440 | 407 | 274 | 30 | 0 | 0 | 0 | 0 | 0 |
| 77.5 | 509 | 484 | 345 | 65 | 0 | 0 | 0 | 0 | 0 |
| 80.0 | 582 | 561 | 416 | 93 | 0 | 0 | 0 | 0 | 0 |
| 82.5 | 641 | 638 | 494 | 129 | 0 | 0 | 0 | 0 | 0 |
| 85.0 | 680 | 696 | 551 | 169 | 0 | 0 | 0 | 0 | 0 |
| 87.5 | 743 | 753 | 595 | 219 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 810 | 834 | 626 | 264 | 0 | 0 | 0 | 0 | 0 |
| 92.5 | 949 | 988 | 715 | 342 | 0 | 0 | 0 | 0 | 0 |
| 95.0 | 1151 | 1104 | 793 | 412 | 23 | 0 | 0 | 0 | 0 |
| 97.5 | 1462 | 1229 | 879 | 482 | 62 | 0 | 0 | 0 | 0 |
| 100.0 | 1929 | 1338 | 925 | 552 | 86 | 0 | 0 | 0 | 0 |
| 102.5 | 2520 | 1431 | 980 | 599 | 117 | 0 | 0 | 0 | 0 |
| 105.0 | 3204 | 1493 | 1027 | 645 | 148 | 0 | 0 | 0 | 0 |
| 107.5 | 3795 | 1540 | 1089 | 700 | 163 | 0 | 0 | 0 | 0 |
| 110.0 | 4246 | 1610 | 1190 | 778 | 218 | 0 | 0 | 0 | 0 |
| 112.5 | 4479 | 1688 | 1260 | 832 | 272 | 0 | 0 | 0 | 0 |
| 115.0 | 4604 | 1796 | 1275 | 840 | 334 | 16 | 0 | 0 | 0 |
| 117.5 | 4744 | 1890 | 1252 | 824 | 404 | 47 | 0 | 0 | 0 |
| 120.0 | 4821 | 1921 | 1275 | 824 | 451 | 70 | 0 | 0 | 0 |
| 122.5 | 4790 | 1944 | 1361 | 871 | 482 | 101 | 0 | 0 | 0 |
| 125.0 | 4697 | 1960 | 1470 | 949 | 513 | 132 | 0 | 0 | 0 |
| 127.5 | 4650 | 1960 | 1540 | 1034 | 568 | 171 | 0 | 0 | 0 |
| 130.0 | 4635 | 1944 | 1594 | 1104 | 630 | 226 | 16 | 0 | 0 |
| 132.5 | 4619 | 1890 | 1641 | 1159 | 653 | 264 | 47 | 0 | 0 |
| 135.0 | 4495 | 1835 | 1649 | 1190 | 653 | 288 | 62 | 0 | 0 |
| 137.5 | 4308 | 1843 | 1664 | 1198 | 692 | 319 | 93 | 16 | 16 |
| 140.0 | 4215 | 1890 | 1649 | 1159 | 731 | 358 | 124 | 47 | 31 |
| 142.5 | 4184 | 1967 | 1656 | 1128 | 785 | 412 | 156 | 62 | 47 |
| 145.0 | 4106 | 2037 | 1664 | 1174 | 824 | 459 | 187 | 101 | 78 |
| 147.5 | 3919 | 2115 | 1664 | 1229 | 817 | 498 | 241 | 132 | 93 |
| 150.0 | 3686 | 2247 | 1680 | 1236 | 793 | 529 | 311 | 187 | 156 |
| 152.5 | 3453 | 2333 | 1641 | 1159 | 801 | 537 | 350 | 218 | 187 |
| 155.0 | 3251 | 2395 | 1586 | 1112 | 871 | 622 | 420 | 280 | 249 |
| 157.5 | 2955 | 2341 | 1454 | 1065 | 894 | 684 | 467 | 334 | 311 |
| 160.0 | 2597 | 2162 | 1283 | 1042 | 894 | 723 | 513 | 389 | 358 |
| 162.5 | 2146 | 1890 | 1151 | 988 | 910 | 762 | 552 | 443 | 420 |
| 165.0 | 1711 | 1571 | 1065 | 894 | 910 | 778 | 575 | 505 | 482 |
| 167.5 | 1384 | 1268 | 1027 | 817 | 824 | 723 | 607 | 583 | 544 |
| 170.0 | 1120 | 1065 | 988 | 848 | 778 | 723 | 684 | 661 | 622 |
| 172.5 | 980 | 949 | 918 | 879 | 832 | 793 | 747 | 731 | 700 |
| 175.0 | 902 | 887 | 879 | 871 | 863 | 840 | 801 | 785 | 762 |
| 177.5 | 855 | 855 | 863 | 863 | 863 | 855 | 840 | 832 | 809 |
| 180.0 | 854 | 854 | 854 | 854 | 854 | 854 | 854 | 854 | 854 |