



Photometric Report

Number of lamps: 2
 Lumens per lamp: 3850.00
 Input watts: 97.00
 Distribution: Direct
 Efficiency: 52.3
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 3.650
 90-270 Axis: 0.650
 Height: 0.000
 Spacing Criteria (0): 1.10
 Spacing Criteria (90): 1.10
 Spacing Criteria (Four Luminaires): 1.24

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 1219 | 16 | 30 |
| 0-40 | 1933 | 25 | 48 |
| 0-60 | 3284 | 43 | 82 |
| 0-90 | 4029 | 52 | 100 |
| 90-120 | 0 | 0 | 0 |
| 90-150 | 0 | 0 | 0 |
| 90-180 | 0 | 0 | 0 |
| 0-180 | 4029 | 52 | 100 |

Total Luminaire Efficiency = 52%

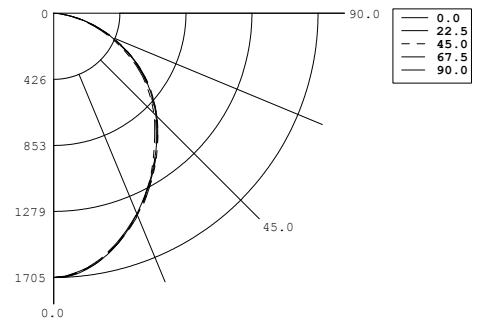
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 |
|------|------|------|------|
| 0.0 | 7735 | 7735 | 7735 |
| 45.0 | 5980 | 6031 | 5852 |
| 55.0 | 5624 | 5687 | 5474 |
| 65.0 | 4970 | 5089 | 4745 |
| 75.0 | 4049 | 4049 | 3699 |
| 85.0 | 1926 | 1926 | 1614 |

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 | 0.0 | |
| RCR | | | | | | | | | | | | | | | | |
| 0 | 62 | 62 | 62 | 61 | 61 | 61 | 61 | 58 | 58 | 58 | 56 | 56 | 56 | 54 | 54 | |
| 1 | 57 | 55 | 53 | 51 | 56 | 54 | 52 | 50 | 52 | 50 | 49 | 50 | 48 | 47 | 46 | |
| 2 | 52 | 48 | 45 | 42 | 51 | 47 | 44 | 41 | 45 | 43 | 40 | 44 | 41 | 40 | 39 | |
| 3 | 48 | 43 | 38 | 35 | 47 | 42 | 38 | 35 | 40 | 37 | 34 | 39 | 36 | 34 | 33 | |
| 4 | 44 | 38 | 33 | 30 | 43 | 37 | 33 | 30 | 36 | 32 | 29 | 35 | 31 | 29 | 27 | |
| 5 | 40 | 34 | 29 | 26 | 39 | 33 | 29 | 26 | 32 | 28 | 26 | 31 | 28 | 25 | 24 | |
| 6 | 37 | 31 | 26 | 23 | 36 | 30 | 26 | 23 | 29 | 25 | 22 | 28 | 25 | 22 | 21 | |
| 7 | 35 | 28 | 23 | 20 | 34 | 27 | 23 | 20 | 27 | 23 | 20 | 26 | 22 | 20 | 19 | |
| 8 | 32 | 25 | 21 | 18 | 32 | 25 | 21 | 18 | 24 | 21 | 18 | 24 | 20 | 18 | 17 | |
| 9 | 30 | 23 | 19 | 16 | 30 | 23 | 19 | 16 | 23 | 19 | 16 | 22 | 19 | 16 | 15 | |
| 10 | 29 | 22 | 18 | 15 | 28 | 21 | 17 | 15 | 21 | 17 | 15 | 20 | 17 | 15 | 14 | |





Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|------|------|------|------|------|------|
| 0.0 | 1705 | 1705 | 1705 | 1705 | 1705 |
| 2.5 | 1705 | 1697 | 1698 | 1701 | 1700 |
| 5.0 | 1689 | 1679 | 1681 | 1684 | 1685 |
| 7.5 | 1664 | 1656 | 1658 | 1662 | 1661 |
| 10.0 | 1633 | 1623 | 1624 | 1631 | 1630 |
| 12.5 | 1595 | 1584 | 1587 | 1593 | 1592 |
| 15.0 | 1552 | 1542 | 1545 | 1551 | 1551 |
| 17.5 | 1505 | 1496 | 1499 | 1506 | 1506 |
| 20.0 | 1454 | 1448 | 1454 | 1461 | 1461 |
| 22.5 | 1401 | 1399 | 1406 | 1413 | 1409 |
| 25.0 | 1347 | 1349 | 1356 | 1364 | 1354 |
| 27.5 | 1293 | 1297 | 1306 | 1309 | 1297 |
| 30.0 | 1243 | 1248 | 1256 | 1253 | 1240 |
| 32.5 | 1189 | 1197 | 1203 | 1196 | 1180 |
| 35.0 | 1137 | 1145 | 1151 | 1139 | 1122 |
| 37.5 | 1086 | 1094 | 1096 | 1082 | 1066 |
| 40.0 | 1036 | 1043 | 1043 | 1028 | 1012 |
| 42.5 | 983 | 991 | 992 | 976 | 963 |
| 45.0 | 932 | 939 | 940 | 923 | 912 |
| 47.5 | 880 | 885 | 885 | 870 | 858 |
| 50.0 | 824 | 829 | 832 | 816 | 804 |
| 52.5 | 768 | 776 | 777 | 762 | 747 |
| 55.0 | 711 | 719 | 719 | 707 | 692 |
| 57.5 | 651 | 659 | 660 | 648 | 632 |
| 60.0 | 589 | 598 | 598 | 587 | 568 |
| 62.5 | 526 | 533 | 538 | 524 | 504 |
| 65.0 | 463 | 469 | 474 | 460 | 442 |
| 67.5 | 405 | 405 | 412 | 400 | 382 |
| 70.0 | 348 | 346 | 351 | 339 | 325 |
| 72.5 | 289 | 285 | 289 | 279 | 268 |
| 75.0 | 231 | 225 | 231 | 221 | 211 |
| 77.5 | 175 | 170 | 174 | 164 | 156 |
| 80.0 | 121 | 117 | 122 | 113 | 107 |
| 82.5 | 74 | 70 | 74 | 67 | 65 |
| 85.0 | 37 | 33 | 37 | 31 | 31 |
| 87.5 | 12 | 8 | 11 | 6 | 10 |
| 90.0 | 0 | 0 | 0 | 0 | 0 |