



# Photometric Report

Number of lamps: 2  
 Lumens per lamp: 3850.00  
 Input watts: 114.00  
 Distribution: Direct  
 Efficiency: 51.8  
 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): 1.09  
 Spacing Criteria (90): 1.10  
 Spacing Criteria (Four Luminaires): 1.24

### Zonal Lumen Summary

| Zone   | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30   | 1204   | 16    | 30    |
| 0-40   | 1910   | 25    | 48    |
| 0-60   | 3250   | 42    | 81    |
| 0-90   | 3991   | 52    | 100   |
| 90-120 | 0      | 0     | 0     |
| 90-150 | 0      | 0     | 0     |
| 90-180 | 0      | 0     | 0     |
| 0-180  | 3991   | 52    | 100   |

Total Luminaire Efficiency = 52%

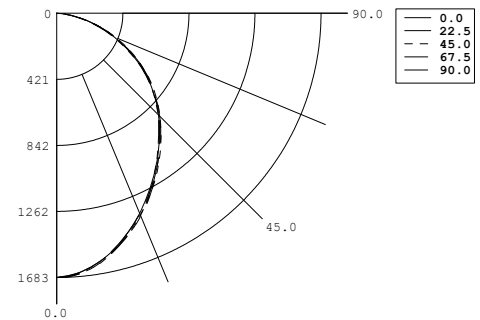
### Luminance Data in candela/square meter

|      | 0.0  | 45.0 | 90.0 |
|------|------|------|------|
| 0.0  | 7636 | 7636 | 7636 |
| 45.0 | 5877 | 5961 | 5858 |
| 55.0 | 5521 | 5648 | 5489 |
| 65.0 | 4885 | 5078 | 4777 |
| 75.0 | 3962 | 4032 | 3716 |
| 85.0 | 2030 | 1874 | 1666 |

### 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       | 62   | 62  | 62  | 60   | 60  | 60  | 60   | 58  | 58  | 58   | 55  | 55  | 55   | 53  | 53  | 53  | 52  |
| 1       | 57   | 55  | 52  | 51   | 55  | 53  | 51   | 50  | 51  | 50   | 48  | 49  | 48   | 47  | 47  | 46  | 44  |
| 2       | 52   | 48  | 44  | 42   | 51  | 47  | 44   | 41  | 45  | 42   | 40  | 43  | 41   | 39  | 42  | 40  | 38  |
| 3       | 47   | 42  | 38  | 35   | 46  | 41  | 38   | 34  | 40  | 37   | 34  | 38  | 36   | 33  | 37  | 35  | 32  |
| 4       | 44   | 37  | 33  | 30   | 42  | 37  | 33   | 29  | 35  | 32   | 29  | 34  | 31   | 29  | 33  | 30  | 27  |
| 5       | 40   | 34  | 29  | 26   | 39  | 33  | 29   | 26  | 32  | 28   | 25  | 31  | 28   | 25  | 30  | 27  | 24  |
| 6       | 37   | 30  | 26  | 23   | 36  | 30  | 26   | 22  | 29  | 25   | 22  | 28  | 25   | 22  | 27  | 24  | 21  |
| 7       | 34   | 28  | 23  | 20   | 34  | 27  | 23   | 20  | 26  | 23   | 20  | 26  | 22   | 20  | 25  | 22  | 18  |
| 8       | 32   | 25  | 21  | 18   | 31  | 25  | 21   | 18  | 24  | 20   | 18  | 24  | 20   | 18  | 23  | 20  | 17  |
| 9       | 30   | 23  | 19  | 16   | 29  | 23  | 19   | 16  | 22  | 19   | 16  | 22  | 18   | 16  | 21  | 18  | 15  |
| 10      | 28   | 21  | 17  | 15   | 28  | 21  | 17   | 15  | 21  | 17   | 15  | 20  | 17   | 15  | 20  | 17  | 14  |





Candela Distribution

|      | 0.0  | 22.5 | 45.0 | 67.5 | 90.0 |
|------|------|------|------|------|------|
| 0.0  | 1683 | 1683 | 1683 | 1683 | 1683 |
| 2.5  | 1672 | 1675 | 1677 | 1680 | 1681 |
| 5.0  | 1658 | 1658 | 1660 | 1666 | 1666 |
| 7.5  | 1633 | 1633 | 1635 | 1643 | 1643 |
| 10.0 | 1602 | 1603 | 1605 | 1612 | 1614 |
| 12.5 | 1566 | 1564 | 1567 | 1574 | 1574 |
| 15.0 | 1526 | 1521 | 1527 | 1532 | 1533 |
| 17.5 | 1477 | 1477 | 1483 | 1490 | 1489 |
| 20.0 | 1429 | 1430 | 1438 | 1446 | 1445 |
| 22.5 | 1379 | 1383 | 1390 | 1398 | 1394 |
| 25.0 | 1326 | 1333 | 1342 | 1349 | 1340 |
| 27.5 | 1273 | 1282 | 1293 | 1294 | 1283 |
| 30.0 | 1222 | 1233 | 1243 | 1238 | 1228 |
| 32.5 | 1170 | 1181 | 1191 | 1182 | 1169 |
| 35.0 | 1119 | 1129 | 1137 | 1127 | 1114 |
| 37.5 | 1067 | 1080 | 1085 | 1073 | 1060 |
| 40.0 | 1017 | 1029 | 1032 | 1021 | 1008 |
| 42.5 | 966  | 978  | 979  | 971  | 960  |
| 45.0 | 916  | 926  | 929  | 921  | 913  |
| 47.5 | 865  | 873  | 876  | 868  | 858  |
| 50.0 | 809  | 817  | 824  | 813  | 806  |
| 52.5 | 756  | 766  | 771  | 761  | 752  |
| 55.0 | 698  | 709  | 714  | 707  | 694  |
| 57.5 | 639  | 651  | 653  | 648  | 636  |
| 60.0 | 577  | 590  | 594  | 588  | 572  |
| 62.5 | 515  | 527  | 533  | 524  | 507  |
| 65.0 | 455  | 463  | 473  | 461  | 445  |
| 67.5 | 398  | 402  | 410  | 399  | 385  |
| 70.0 | 342  | 342  | 351  | 340  | 328  |
| 72.5 | 284  | 280  | 290  | 278  | 269  |
| 75.0 | 226  | 223  | 230  | 222  | 212  |
| 77.5 | 172  | 167  | 173  | 165  | 158  |
| 80.0 | 120  | 115  | 121  | 114  | 109  |
| 82.5 | 75   | 70   | 76   | 68   | 65   |
| 85.0 | 39   | 34   | 36   | 32   | 32   |
| 87.5 | 14   | 10   | 13   | 7    | 9    |
| 90.0 | 0    | 0    | 0    | 0    | 0    |