



**Photometric Report**

Number of lamps: 2  
 Lumens per lamp: 2900.00  
 Input watts: 78.00  
 Distribution: Direct  
 Efficiency: 57.6  
 Photometric type: C  
 Luminous shape: Rectangle  
 Units: Feet  
 Luminous Dimensions:  
 0-180 Axis: 4.010  
 90-270 Axis: 0.146  
 Height: 0.324  
 Spacing Criteria (0): 1.26  
 Spacing Criteria (90): 2.40  
 Spacing Criteria (Four Luminaires): 2.14

**Zonal Lumen Summary**

| Zone   | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30   | 444    | 8     | 13    |
| 0-40   | 827    | 14    | 25    |
| 0-60   | 1821   | 31    | 54    |
| 0-90   | 3342   | 58    | 100   |
| 90-120 | 0      | 0     | 0     |
| 90-150 | 0      | 0     | 0     |
| 90-180 | 0      | 0     | 0     |
| 0-180  | 3342   | 58    | 100   |

Total Luminaire Efficiency = 58%

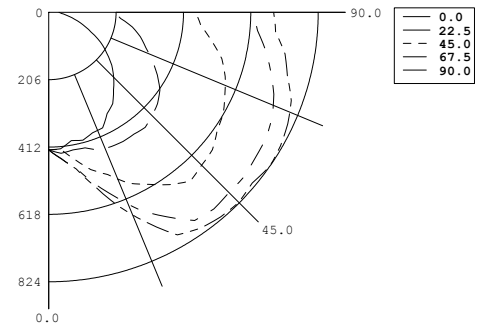
**Luminance Data in candela/square meter**

|      | 0.0  | 45.0 | 90.0 |
|------|------|------|------|
| 0.0  | 7738 | 7738 | 7738 |
| 45.0 | 6768 | 6544 | 6630 |
| 55.0 | 6222 | 6063 | 6329 |
| 65.0 | 5316 | 5757 | 6085 |
| 75.0 | 4463 | 5497 | 5777 |
| 85.0 | 4291 | 5023 | 5567 |

**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    | 69   | 69  | 69  | 67   | 67  | 67  | 67   | 64  | 64  | 64   | 61  | 61  | 61   | 59  | 59  |     |
| 1    | 59   | 54  | 50  | 47   | 57  | 53  | 49   | 46  | 50  | 47   | 44  | 48  | 45   | 43  | 46  |     |
| 2    | 52   | 45  | 40  | 35   | 50  | 44  | 39   | 35  | 42  | 37   | 34  | 40  | 36   | 33  | 38  |     |
| 3    | 46   | 38  | 32  | 27   | 45  | 37  | 32   | 27  | 35  | 31   | 26  | 34  | 29   | 26  | 32  |     |
| 4    | 42   | 33  | 27  | 22   | 40  | 32  | 26   | 22  | 31  | 26   | 21  | 29  | 25   | 21  | 28  |     |
| 5    | 38   | 29  | 23  | 18   | 37  | 28  | 22   | 18  | 27  | 22   | 18  | 26  | 21   | 18  | 25  |     |
| 6    | 35   | 26  | 20  | 15   | 34  | 25  | 19   | 15  | 24  | 19   | 15  | 23  | 18   | 15  | 22  |     |
| 7    | 32   | 23  | 17  | 13   | 31  | 23  | 17   | 13  | 22  | 17   | 13  | 21  | 16   | 13  | 20  |     |
| 8    | 30   | 21  | 15  | 11   | 29  | 20  | 15   | 11  | 20  | 15   | 11  | 19  | 14   | 11  | 18  |     |
| 9    | 28   | 19  | 14  | 10   | 27  | 19  | 14   | 10  | 18  | 13   | 10  | 17  | 13   | 10  | 17  |     |
| 10   | 26   | 17  | 12  | 9    | 25  | 17  | 12   | 9   | 17  | 12   | 9   | 16  | 12   | 9   | 15  |     |





Candela Distribution

|      | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|------|-----|------|------|------|------|
| 0.0  | 420 | 420  | 420  | 420  | 420  |
| 5.0  | 419 | 433  | 420  | 450  | 449  |
| 10.0 | 398 | 427  | 456  | 483  | 486  |
| 15.0 | 404 | 429  | 498  | 542  | 553  |
| 20.0 | 392 | 448  | 528  | 601  | 633  |
| 25.0 | 390 | 453  | 576  | 669  | 709  |
| 30.0 | 357 | 455  | 607  | 722  | 786  |
| 35.0 | 341 | 454  | 643  | 777  | 806  |
| 40.0 | 308 | 459  | 674  | 785  | 817  |
| 45.0 | 281 | 446  | 661  | 779  | 821  |
| 50.0 | 251 | 434  | 653  | 780  | 812  |
| 55.0 | 216 | 415  | 629  | 772  | 824  |
| 60.0 | 183 | 383  | 616  | 767  | 818  |
| 65.0 | 143 | 349  | 594  | 754  | 806  |
| 70.0 | 111 | 316  | 574  | 732  | 789  |
| 75.0 | 82  | 290  | 547  | 703  | 756  |
| 80.0 | 57  | 260  | 506  | 674  | 734  |
| 85.0 | 39  | 221  | 467  | 641  | 697  |
| 90.0 | 31  | 199  | 449  | 623  | 688  |