



Photometric Report

Number of lamps: 2
 Lumens per lamp: 4000.00
 Input watts: 105.00
 Distribution: Direct
 Efficiency: 84.5
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 4.000
 90-270 Axis: 0.917
 Height: 0.000
 Spacing Criteria (0): 1.25
 Spacing Criteria (90): 1.40
 Spacing Criteria (Four Luminaires): 1.52

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 1754 | 22 | 26 |
| 0-40 | 2905 | 36 | 43 |
| 0-60 | 5396 | 67 | 80 |
| 0-90 | 6760 | 85 | 100 |
| 90-120 | 0 | 0 | 0 |
| 90-150 | 0 | 0 | 0 |
| 90-180 | 0 | 0 | 0 |
| 0-180 | 6760 | 85 | 100 |

Total Luminaire Efficiency = 85%

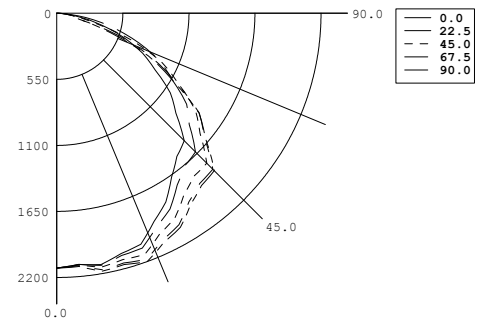
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 |
|------|------|------|------|
| 0.0 | 6224 | 6224 | 6224 |
| 45.0 | 6225 | 7329 | 7694 |
| 55.0 | 5904 | 7209 | 7393 |
| 65.0 | 5472 | 6701 | 5854 |
| 75.0 | 4433 | 4093 | 2154 |
| 85.0 | 2121 | 2929 | 2492 |

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 | 101 | 101 | 101 | 101 | 99 | 99 | 99 | 99 | 94 | 94 | 94 | 90 | 90 | 90 | 87 | 87 | 87 | 85 |
| 1 | 93 | 89 | 85 | 82 | 90 | 87 | 83 | 81 | 83 | 80 | 78 | 80 | 78 | 76 | 77 | 75 | 73 | 72 |
| 2 | 84 | 77 | 71 | 67 | 82 | 76 | 70 | 66 | 73 | 68 | 64 | 70 | 66 | 63 | 67 | 64 | 61 | 60 |
| 3 | 77 | 68 | 61 | 55 | 74 | 66 | 60 | 55 | 64 | 58 | 54 | 61 | 57 | 53 | 59 | 55 | 52 | 50 |
| 4 | 70 | 60 | 52 | 46 | 68 | 58 | 51 | 46 | 56 | 50 | 45 | 54 | 49 | 45 | 52 | 48 | 44 | 42 |
| 5 | 64 | 53 | 45 | 40 | 62 | 52 | 45 | 39 | 50 | 44 | 39 | 49 | 43 | 38 | 47 | 42 | 38 | 36 |
| 6 | 59 | 48 | 40 | 34 | 57 | 47 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 42 | 37 | 33 | 31 |
| 7 | 55 | 43 | 35 | 30 | 53 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 30 | 39 | 33 | 29 | 28 |
| 8 | 51 | 39 | 32 | 27 | 49 | 38 | 31 | 27 | 37 | 31 | 26 | 36 | 30 | 26 | 35 | 30 | 26 | 24 |
| 9 | 47 | 36 | 29 | 24 | 46 | 35 | 28 | 24 | 34 | 28 | 24 | 33 | 28 | 24 | 32 | 27 | 23 | 22 |
| 10 | 44 | 33 | 26 | 22 | 43 | 32 | 26 | 21 | 32 | 26 | 21 | 31 | 25 | 21 | 30 | 25 | 21 | 20 |





M1248T8HO

Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|------|------|------|------|------|------|
| 0.0 | 2121 | 2121 | 2121 | 2121 | 2121 |
| 5.0 | 2099 | 2099 | 2103 | 2110 | 2117 |
| 10.0 | 2124 | 2131 | 2146 | 2168 | 2180 |
| 15.0 | 2071 | 2088 | 2123 | 2153 | 2166 |
| 20.0 | 2046 | 2080 | 2138 | 2180 | 2200 |
| 25.0 | 1913 | 1962 | 2027 | 2083 | 2106 |
| 30.0 | 1815 | 1883 | 1967 | 2034 | 2058 |
| 35.0 | 1665 | 1746 | 1845 | 1917 | 1943 |
| 40.0 | 1555 | 1658 | 1773 | 1850 | 1873 |
| 45.0 | 1500 | 1632 | 1766 | 1836 | 1854 |
| 50.0 | 1294 | 1439 | 1556 | 1602 | 1614 |
| 55.0 | 1154 | 1319 | 1409 | 1448 | 1445 |
| 60.0 | 947 | 1111 | 1167 | 1140 | 1109 |
| 65.0 | 788 | 948 | 965 | 874 | 843 |
| 70.0 | 598 | 732 | 676 | 557 | 481 |
| 75.0 | 391 | 513 | 361 | 197 | 190 |
| 80.0 | 211 | 309 | 147 | 136 | 135 |
| 85.0 | 63 | 110 | 87 | 77 | 74 |
| 90.0 | 0 | 0 | 0 | 0 | 0 |