



F1296H4

Photometric Report

Number of lamps: 2
 Lumens per lamp: 8300.00
 Input watts: 224.00
 Distribution: Direct
 Efficiency: 61.7
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 7.760
 90-270 Axis: 0.750
 Height: 0.000
 Spacing Criteria (0): 1.26
 Spacing Criteria (90): 1.26
 Spacing Criteria (Four Luminaires): 1.41

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 2692 | 16 | 26 |
| 0-40 | 4426 | 27 | 43 |
| 0-60 | 8033 | 48 | 78 |
| 0-90 | 10242 | 62 | 100 |
| 90-120 | 0 | 0 | 0 |
| 90-150 | 0 | 0 | 0 |
| 90-180 | 0 | 0 | 0 |
| 0-180 | 10242 | 62 | 100 |

Total Luminaire Efficiency = 62%

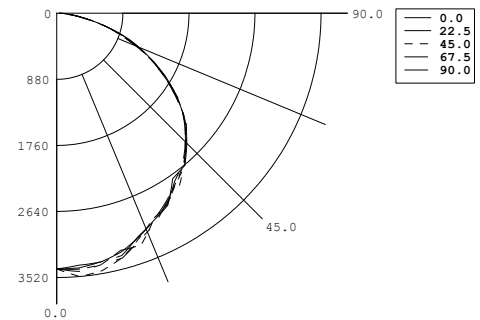
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 |
|------|------|------|------|
| 0.0 | 6299 | 6299 | 6299 |
| 45.0 | 6404 | 6315 | 6362 |
| 55.0 | 6304 | 6330 | 6232 |
| 65.0 | 5858 | 5831 | 5777 |
| 75.0 | 4817 | 4810 | 4698 |
| 85.0 | 3123 | 3058 | 2996 |

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 | 74 | 74 | 74 | 74 | 72 | 72 | 72 | 69 | 69 | 69 | 66 | 66 | 66 | 63 | 63 | 63 | 62 |
| 1 | 67 | 64 | 62 | 59 | 65 | 63 | 60 | 58 | 60 | 58 | 56 | 58 | 56 | 55 | 56 | 54 | 53 |
| 2 | 61 | 56 | 52 | 48 | 59 | 55 | 51 | 47 | 52 | 49 | 46 | 50 | 48 | 45 | 49 | 46 | 44 |
| 3 | 55 | 49 | 44 | 40 | 54 | 48 | 43 | 39 | 46 | 42 | 39 | 44 | 41 | 38 | 43 | 40 | 37 |
| 4 | 51 | 43 | 38 | 33 | 49 | 42 | 37 | 33 | 41 | 36 | 33 | 39 | 35 | 32 | 38 | 35 | 32 |
| 5 | 47 | 38 | 33 | 29 | 45 | 38 | 32 | 29 | 36 | 32 | 28 | 35 | 31 | 28 | 34 | 30 | 28 |
| 6 | 43 | 35 | 29 | 25 | 42 | 34 | 29 | 25 | 33 | 28 | 25 | 32 | 28 | 24 | 31 | 27 | 24 |
| 7 | 40 | 31 | 26 | 22 | 39 | 31 | 26 | 22 | 30 | 25 | 22 | 29 | 25 | 22 | 28 | 24 | 21 |
| 8 | 37 | 29 | 23 | 20 | 36 | 28 | 23 | 19 | 27 | 23 | 19 | 26 | 22 | 19 | 26 | 22 | 19 |
| 9 | 35 | 26 | 21 | 18 | 34 | 26 | 21 | 17 | 25 | 21 | 17 | 24 | 20 | 17 | 24 | 20 | 17 |
| 10 | 32 | 24 | 19 | 16 | 32 | 24 | 19 | 16 | 23 | 19 | 16 | 23 | 19 | 16 | 22 | 18 | 16 |





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Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|------|------|------|------|------|------|
| 0.0 | 3406 | 3406 | 3406 | 3406 | 3406 |
| 5.0 | 3369 | 3404 | 3520 | 3453 | 3421 |
| 10.0 | 3365 | 3363 | 3482 | 3400 | 3400 |
| 15.0 | 3295 | 3341 | 3371 | 3376 | 3271 |
| 20.0 | 3177 | 3165 | 3194 | 3214 | 3284 |
| 25.0 | 3049 | 3052 | 3026 | 3094 | 3043 |
| 30.0 | 2954 | 2932 | 2940 | 2914 | 2903 |
| 35.0 | 2689 | 2734 | 2762 | 2835 | 2761 |
| 40.0 | 2648 | 2605 | 2653 | 2632 | 2625 |
| 45.0 | 2449 | 2425 | 2414 | 2434 | 2433 |
| 50.0 | 2233 | 2211 | 2230 | 2218 | 2249 |
| 55.0 | 1955 | 1976 | 1963 | 1943 | 1933 |
| 60.0 | 1664 | 1631 | 1652 | 1634 | 1632 |
| 65.0 | 1339 | 1335 | 1333 | 1339 | 1320 |
| 70.0 | 1028 | 1029 | 988 | 983 | 969 |
| 75.0 | 674 | 679 | 673 | 668 | 657 |
| 80.0 | 363 | 379 | 358 | 360 | 348 |
| 85.0 | 147 | 154 | 144 | 142 | 141 |
| 90.0 | 43 | 39 | 37 | 35 | 35 |