



Photometric Report

Number of lamps: 1
 Lumens per lamp: 32000.00
 Input watts: 400.00
 Distribution: Direct
 Efficiency: 60.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.667
 90-270 Axis: 1.667
 Height: 0.000
 Spacing Criteria (0): 1.74
 Spacing Criteria (90): 1.35
 Spacing Criteria (Four Luminaires): 1.35

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 7022 | 22 | 36 |
| 0-40 | 11358 | 35 | 59 |
| 0-60 | 17530 | 55 | 91 |
| 0-90 | 19317 | 60 | 100 |
| 90-120 | 0 | 0 | 0 |
| 90-150 | 0 | 0 | 0 |
| 90-180 | 0 | 0 | 0 |
| 0-180 | 19317 | 60 | 100 |

Total Luminaire Efficiency = 60%

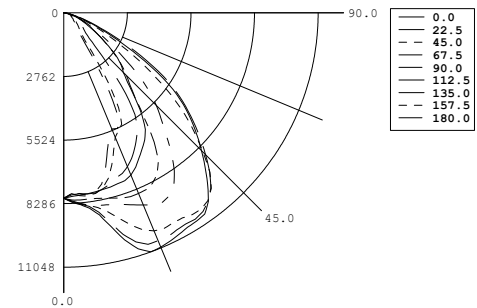
Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 | 135.0 | 180.0 |
|------|-------|-------|-------|-------|-------|
| 0.0 | 31204 | 31204 | 31204 | 31204 | 31204 |
| 45.0 | 46360 | 46820 | 21125 | 8636 | 4112 |
| 55.0 | 39155 | 32758 | 14511 | 6716 | 3422 |
| 65.0 | 19263 | 15825 | 9801 | 5934 | 3268 |
| 75.0 | 8424 | 7863 | 6599 | 4213 | 3089 |
| 85.0 | 4170 | 5002 | 4588 | 2502 | 2502 |

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 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.1 | |
| RCR | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 0 | 1 | 2 | 3 | 4 | 5 |
| 0 | 72 | 72 | 72 | 72 | 70 | 70 | 70 | 70 | 67 | 67 | 67 | 64 | 64 | 64 | 62 | 62 | 61 |
| 1 | 67 | 65 | 63 | 61 | 66 | 63 | 62 | 60 | 61 | 59 | 58 | 59 | 57 | 56 | 56 | 55 | 53 |
| 2 | 62 | 58 | 54 | 52 | 61 | 57 | 54 | 51 | 55 | 52 | 50 | 53 | 51 | 49 | 51 | 49 | 46 |
| 3 | 57 | 52 | 48 | 44 | 56 | 51 | 47 | 44 | 49 | 46 | 43 | 48 | 45 | 42 | 46 | 44 | 40 |
| 4 | 53 | 47 | 42 | 38 | 52 | 46 | 42 | 38 | 44 | 41 | 38 | 43 | 40 | 37 | 42 | 39 | 36 |
| 5 | 49 | 42 | 37 | 34 | 48 | 42 | 37 | 34 | 40 | 36 | 33 | 39 | 36 | 33 | 38 | 35 | 31 |
| 6 | 46 | 38 | 33 | 30 | 45 | 38 | 33 | 30 | 37 | 33 | 30 | 36 | 32 | 29 | 35 | 32 | 28 |
| 7 | 42 | 35 | 30 | 27 | 41 | 34 | 30 | 27 | 34 | 29 | 26 | 33 | 29 | 26 | 32 | 29 | 25 |
| 8 | 40 | 32 | 27 | 24 | 39 | 32 | 27 | 24 | 31 | 27 | 24 | 30 | 26 | 24 | 30 | 26 | 23 |
| 9 | 37 | 30 | 25 | 22 | 36 | 29 | 25 | 22 | 29 | 24 | 22 | 28 | 24 | 22 | 27 | 24 | 20 |
| 10 | 35 | 27 | 23 | 20 | 34 | 27 | 23 | 20 | 26 | 22 | 20 | 26 | 22 | 20 | 25 | 22 | 19 |





Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 |
|------|-------|-------|-------|------|------|-------|-------|-------|-------|
| 0.0 | 8053 | 8053 | 8053 | 8053 | 8053 | 8053 | 8053 | 8053 | 8053 |
| 2.5 | 8235 | 8207 | 8197 | 8179 | 8141 | 7982 | 7916 | 7860 | 7860 |
| 5.0 | 8366 | 8338 | 8329 | 8310 | 8160 | 7953 | 7878 | 7888 | 7972 |
| 7.5 | 8554 | 8479 | 8441 | 8422 | 8160 | 7925 | 7935 | 7991 | 8028 |
| 10.0 | 8910 | 8788 | 8591 | 8497 | 8188 | 7897 | 7944 | 7963 | 7897 |
| 12.5 | 9510 | 9313 | 8854 | 8544 | 8244 | 7860 | 7831 | 7794 | 7616 |
| 15.0 | 10204 | 9961 | 9229 | 8619 | 8329 | 7831 | 7710 | 7456 | 6997 |
| 17.5 | 10748 | 10429 | 9651 | 8732 | 8432 | 7785 | 7522 | 6940 | 6284 |
| 20.0 | 11048 | 10701 | 10026 | 8873 | 8497 | 7756 | 7428 | 6331 | 5721 |
| 22.5 | 11011 | 10711 | 10251 | 9032 | 8488 | 7625 | 7231 | 5843 | 5459 |
| 25.0 | 10936 | 10720 | 10326 | 9201 | 8469 | 7391 | 6978 | 5627 | 5534 |
| 27.5 | 10842 | 10626 | 10279 | 9276 | 8347 | 7091 | 6650 | 5449 | 5158 |
| 30.0 | 10748 | 10589 | 10289 | 9173 | 8094 | 6809 | 6312 | 4765 | 3958 |
| 32.5 | 10730 | 10626 | 10392 | 8901 | 7644 | 6537 | 5965 | 3592 | 2551 |
| 35.0 | 10673 | 10533 | 10401 | 8366 | 6847 | 6181 | 5393 | 2373 | 1576 |
| 37.5 | 10317 | 10308 | 10279 | 7681 | 5731 | 5571 | 4418 | 1548 | 1125 |
| 40.0 | 9717 | 9932 | 9961 | 6922 | 4821 | 4811 | 3189 | 1191 | 938 |
| 42.5 | 9079 | 9379 | 9388 | 6265 | 4258 | 4099 | 2167 | 1050 | 844 |
| 45.0 | 8460 | 8704 | 8544 | 5693 | 3855 | 3658 | 1576 | 938 | 750 |
| 47.5 | 7841 | 8028 | 7710 | 5027 | 3461 | 3395 | 1294 | 854 | 675 |
| 50.0 | 7222 | 7344 | 6865 | 4286 | 3020 | 3048 | 1163 | 779 | 600 |
| 52.5 | 6547 | 6668 | 5899 | 3451 | 2551 | 2579 | 1050 | 694 | 525 |
| 55.0 | 5796 | 5956 | 4849 | 2776 | 2148 | 2138 | 994 | 657 | 507 |
| 57.5 | 4821 | 5140 | 3920 | 2232 | 1801 | 1773 | 929 | 619 | 469 |
| 60.0 | 3752 | 4164 | 3020 | 1754 | 1491 | 1435 | 835 | 553 | 413 |
| 62.5 | 2851 | 3245 | 2270 | 1416 | 1276 | 1172 | 732 | 507 | 394 |
| 65.0 | 2101 | 2401 | 1726 | 1144 | 1069 | 966 | 647 | 460 | 356 |
| 67.5 | 1538 | 1716 | 1257 | 910 | 863 | 788 | 544 | 394 | 319 |
| 70.0 | 1107 | 1257 | 966 | 750 | 703 | 647 | 460 | 347 | 300 |
| 72.5 | 769 | 882 | 713 | 591 | 563 | 507 | 375 | 291 | 244 |
| 75.0 | 563 | 619 | 525 | 450 | 441 | 385 | 281 | 235 | 206 |
| 77.5 | 375 | 422 | 375 | 338 | 319 | 291 | 216 | 178 | 150 |
| 80.0 | 263 | 281 | 253 | 235 | 235 | 206 | 159 | 122 | 113 |
| 82.5 | 150 | 178 | 178 | 169 | 159 | 131 | 103 | 94 | 75 |
| 85.0 | 94 | 103 | 113 | 113 | 103 | 84 | 56 | 56 | 56 |
| 87.5 | 38 | 38 | 56 | 56 | 56 | 38 | 38 | 28 | 19 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |