



Photometric Report

Number of lamps: 1
Lumens per lamp: 5200.00
Input watts: 77.00
Distribution: Direct-Indirect
Efficiency: 81.0
Photometric type: C
Luminous shape: Rectangle
Units: Feet
Luminous Dimensions:
0-180 Axis: 1.214
90-270 Axis: 1.212
Height: 1.134
Spacing Criteria (0): 1.49
Spacing Criteria (90): 1.51
Spacing Criteria (Four Luminaires): 1.48

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 574 | 11 | 14 |
| 0-40 | 960 | 18 | 23 |
| 0-60 | 1628 | 31 | 39 |
| 0-90 | 2470 | 48 | 59 |
| 90-120 | 1078 | 21 | 26 |
| 90-150 | 1651 | 32 | 39 |
| 90-180 | 1741 | 33 | 41 |
| 0-180 | 4211 | 81 | 100 |

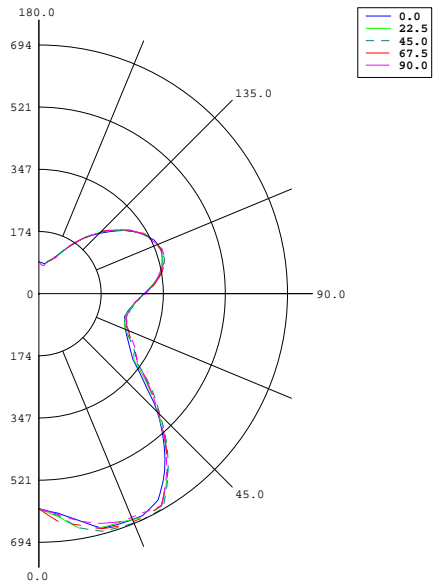
Total Luminaire Efficiency = 81%

Luminance Data in candela/square meter

| | 0.0 | 45.0 | 90.0 |
|------|------|------|------|
| 0.0 | 4394 | 4394 | 4394 |
| 45.0 | 2502 | 2130 | 2522 |
| 55.0 | 1748 | 1462 | 1829 |
| 65.0 | 1551 | 1239 | 1623 |
| 75.0 | 1558 | 1205 | 1595 |
| 85.0 | 1952 | 1415 | 1941 |

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 | 88 | 88 | 88 | 88 | 82 | 82 | 82 | 82 | 71 | 71 | 71 | 61 | 61 | 61 | 52 | 52 | 52 | 47 | | | |
| 1 | 78 | 74 | 70 | 66 | 73 | 69 | 65 | 62 | 59 | 56 | 54 | 50 | 48 | 46 | 42 | 41 | 39 | 35 | | | |
| 2 | 71 | 64 | 58 | 53 | 66 | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 | 36 | 34 | 32 | 28 | | | |
| 3 | 64 | 56 | 49 | 44 | 59 | 52 | 46 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 32 | 29 | 27 | 24 | | | |
| 4 | 59 | 49 | 42 | 37 | 54 | 46 | 40 | 35 | 40 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 23 | 20 | | | |
| 5 | 54 | 44 | 37 | 31 | 50 | 41 | 34 | 30 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 | 17 | | | |
| 6 | 50 | 39 | 32 | 27 | 46 | 37 | 30 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 23 | 20 | 17 | 15 | | | |
| 7 | 46 | 35 | 29 | 24 | 43 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 | | | |
| 8 | 43 | 32 | 25 | 21 | 40 | 30 | 24 | 20 | 26 | 21 | 18 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | | | |
| 9 | 40 | 29 | 23 | 19 | 37 | 28 | 22 | 18 | 24 | 19 | 16 | 21 | 17 | 14 | 18 | 15 | 12 | 11 | | | |
| 10 | 37 | 27 | 21 | 17 | 34 | 25 | 20 | 16 | 22 | 18 | 14 | 19 | 16 | 13 | 17 | 14 | 11 | 10 | | | |





Candela Distribution

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-----|------|------|------|------|
| 0.0 | 600 | 600 | 600 | 600 | 600 |
| 5.0 | 615 | 625 | 622 | 639 | 618 |
| 10.0 | 643 | 666 | 664 | 656 | 645 |
| 15.0 | 678 | 676 | 687 | 680 | 664 |
| 20.0 | 682 | 678 | 691 | 688 | 677 |
| 25.0 | 684 | 688 | 694 | 689 | 677 |
| 30.0 | 665 | 685 | 692 | 683 | 684 |
| 35.0 | 611 | 624 | 627 | 625 | 620 |
| 40.0 | 542 | 549 | 557 | 551 | 550 |
| 45.0 | 468 | 469 | 478 | 474 | 472 |
| 50.0 | 380 | 394 | 409 | 401 | 400 |
| 55.0 | 320 | 324 | 331 | 335 | 335 |
| 60.0 | 291 | 303 | 305 | 309 | 311 |
| 65.0 | 269 | 274 | 274 | 280 | 282 |
| 70.0 | 254 | 254 | 259 | 259 | 261 |
| 75.0 | 247 | 249 | 253 | 251 | 253 |
| 80.0 | 255 | 257 | 260 | 256 | 255 |
| 85.0 | 272 | 272 | 272 | 270 | 270 |
| 90.0 | 293 | 297 | 292 | 294 | 298 |
| 95.0 | 322 | 320 | 326 | 325 | 324 |
| 100.0 | 348 | 346 | 348 | 349 | 343 |
| 105.0 | 356 | 358 | 364 | 365 | 365 |
| 110.0 | 364 | 361 | 363 | 362 | 366 |
| 115.0 | 354 | 350 | 353 | 353 | 350 |
| 120.0 | 333 | 334 | 336 | 337 | 333 |
| 125.0 | 308 | 307 | 305 | 305 | 310 |
| 130.0 | 271 | 276 | 276 | 278 | 277 |
| 135.0 | 238 | 245 | 242 | 246 | 242 |
| 140.0 | 206 | 207 | 207 | 207 | 207 |
| 145.0 | 174 | 169 | 173 | 171 | 173 |
| 150.0 | 138 | 138 | 142 | 139 | 141 |
| 155.0 | 117 | 111 | 112 | 113 | 112 |
| 160.0 | 100 | 99 | 100 | 101 | 101 |
| 165.0 | 92 | 92 | 94 | 91 | 95 |
| 170.0 | 85 | 83 | 81 | 87 | 80 |
| 175.0 | 87 | 83 | 84 | 86 | 81 |
| 180.0 | 89 | 89 | 89 | 89 | 89 |