



Photometric Report

Number of lamps: 1
Lumens per lamp: 1500.00
Input watts: 100.00
Distribution: Direct-Indirect
Efficiency: 87.3
Photometric type: C
Luminous shape: Rectangle
Units: Feet
Luminous Dimensions:
0-180 Axis: 0.209
90-270 Axis: 0.209
Height: 0.868
Spacing Criteria (0): 2.65
Spacing Criteria (90): 2.65
Spacing Criteria (Four Luminaires): 2.72

Zonal Lumen Summary

| Zone | Lumens | %Lamp | %Fixt |
|--------|--------|-------|-------|
| 0-30 | 60 | 4 | 5 |
| 0-40 | 111 | 7 | 8 |
| 0-60 | 279 | 19 | 21 |
| 0-90 | 677 | 45 | 52 |
| 90-120 | 390 | 26 | 30 |
| 90-150 | 596 | 40 | 45 |
| 90-180 | 633 | 42 | 48 |
| 0-180 | 1310 | 87 | 100 |

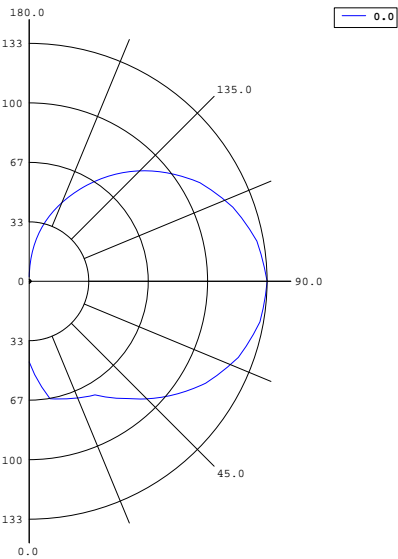
Total Luminaire Efficiency = 87%

Luminance Data in candela/square meter

| | |
|------|-------|
| | 0.0 |
| 0.0 | 11170 |
| 45.0 | 6315 |
| 55.0 | 6669 |
| 65.0 | 7049 |
| 75.0 | 7404 |
| 85.0 | 7734 |

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 | 94 | 94 | 94 | 94 | 87 | 87 | 87 | 87 | 73 | 73 | 73 | 61 | 61 | 61 | 50 | 50 | 50 | 45 | | |
| 1 | 81 | 75 | 70 | 65 | 74 | 69 | 64 | 60 | 57 | 53 | 50 | 46 | 44 | 41 | 37 | 35 | 33 | 28 | | |
| 2 | 72 | 63 | 55 | 49 | 65 | 57 | 51 | 45 | 47 | 42 | 38 | 38 | 34 | 31 | 30 | 27 | 24 | 20 | | |
| 3 | 64 | 54 | 45 | 39 | 58 | 49 | 42 | 36 | 40 | 35 | 30 | 32 | 28 | 24 | 25 | 21 | 19 | 15 | | |
| 4 | 58 | 47 | 38 | 32 | 53 | 43 | 35 | 29 | 35 | 29 | 24 | 28 | 23 | 19 | 21 | 18 | 15 | 11 | | |
| 5 | 53 | 41 | 32 | 26 | 48 | 37 | 30 | 24 | 31 | 25 | 20 | 25 | 20 | 16 | 19 | 15 | 12 | 9 | | |
| 6 | 48 | 36 | 28 | 22 | 44 | 33 | 26 | 20 | 27 | 21 | 17 | 22 | 17 | 14 | 17 | 13 | 10 | 7 | | |
| 7 | 45 | 32 | 25 | 19 | 41 | 30 | 23 | 17 | 25 | 19 | 15 | 20 | 15 | 12 | 15 | 12 | 9 | 6 | | |
| 8 | 41 | 29 | 22 | 16 | 37 | 27 | 20 | 15 | 22 | 17 | 13 | 18 | 13 | 10 | 14 | 10 | 8 | 5 | | |
| 9 | 38 | 26 | 19 | 14 | 35 | 24 | 18 | 13 | 20 | 15 | 11 | 16 | 12 | 9 | 13 | 9 | 7 | 5 | | |
| 10 | 36 | 24 | 17 | 13 | 33 | 22 | 16 | 12 | 19 | 13 | 10 | 15 | 11 | 8 | 12 | 8 | 6 | 4 | | |





Candela Distribution

| | |
|------|-----|
| | 0.0 |
| 0.0 | 45 |
| 10.0 | 67 |
| 20.0 | 70 |
| 30.0 | 74 |
| 40.0 | 86 |
| 50.0 | 101 |
| 60.0 | 114 |
| 70.0 | 125 |
| 80.0 | 131 |
| 90.0 | 133 |
| 100. | 130 |
| 110. | 122 |
| 120. | 111 |
| 130. | 96 |
| 140. | 79 |
| 150. | 61 |
| 160. | 43 |
| 170. | 25 |
| 180. | 3 |