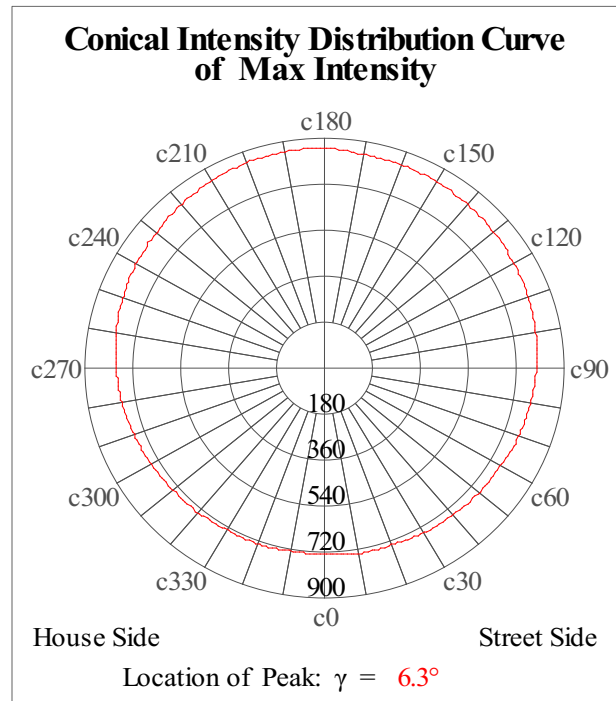
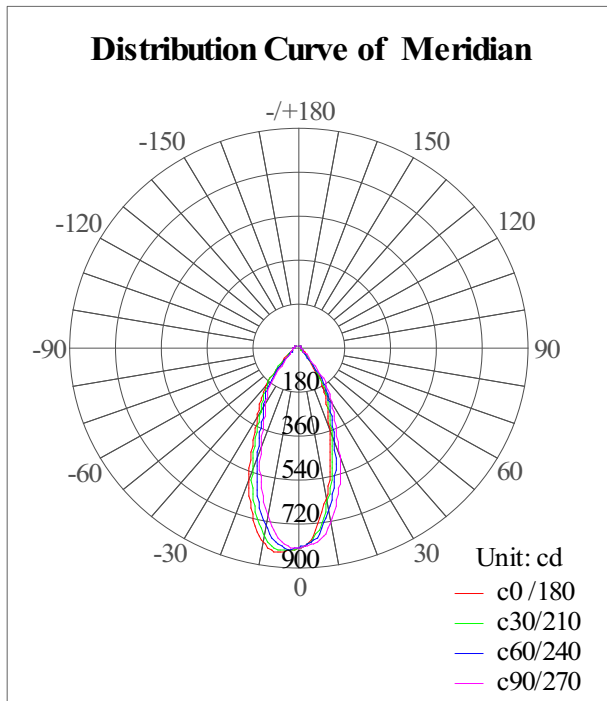


Photometric Data of Lamp

| Lamp Description | | |
|---------------------------|----------------------|------------------|
| Lamp Name: B0107-04-01-38 | Lamp Size: | Lamp Weight: |
| Lamp Type: 射灯 | Rated Voltage: 220 V | Rated Power: 7 W |
| Light Type: COB | Light Number: 1 | Rated Flux: |
| Light Standard: 14-14-11 | Light Area: | Light Flux: |

| Measured Data of Lamp | | | |
|-----------------------|-------------------|--------------------------------|---------------------|
| Voltage: 215.5 V | Current: 0.064 A | Power: 6.8 W | Power Factor: 0.489 |
| Total Flux | 557.30 lm | Central Intensity | 852.36 cd |
| Lamp Efficiency | 0.00% | Light Efficiency | 81.96 lm/W |
| Peak Intensity | 874.31 cd | Location of Peak(c, γ) | (180.0°, 6.3°) |
| Half-Intensity Angle | 43.2° | BeamAngle | 77.4° |
| Upward Light Ratio | 0 | Downward Light Ratio | 100% |
| Upward Street Side | 0 | Downward Street Side | 279.89 lm |
| Upward House Side | 0 | Downward House Side | 277.44 lm |
| Flash Area(76°) | 0 cm ² | Discomfort Glare(SLI) | 0 |

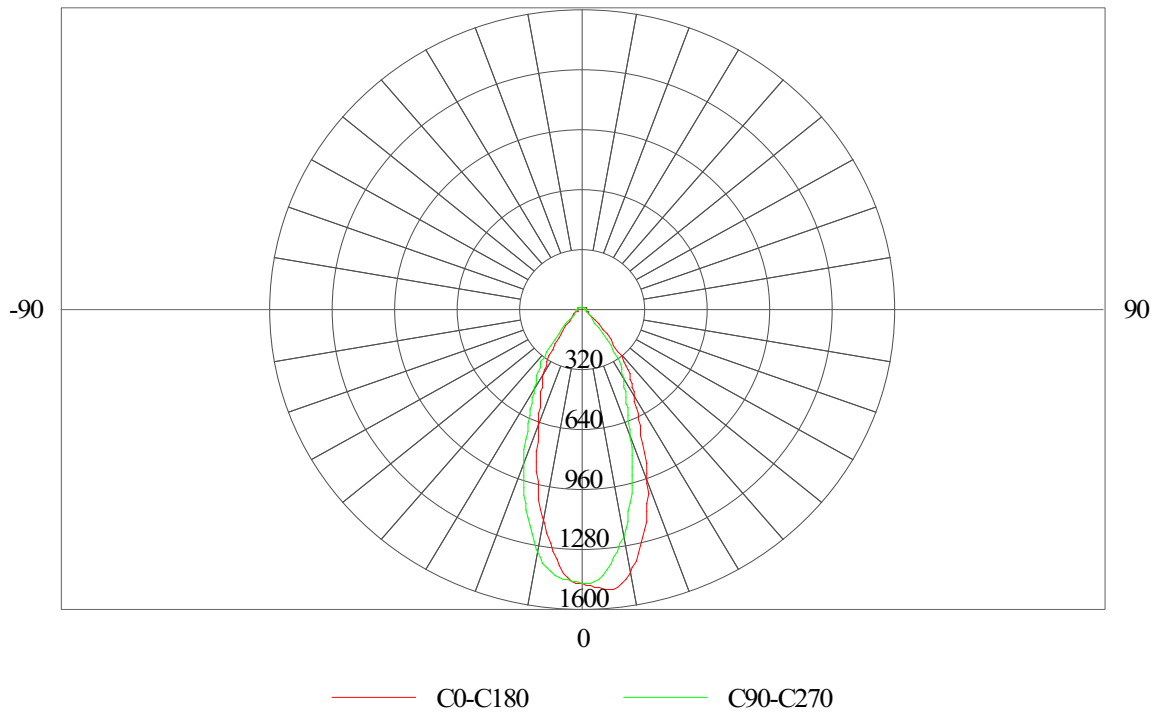


c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

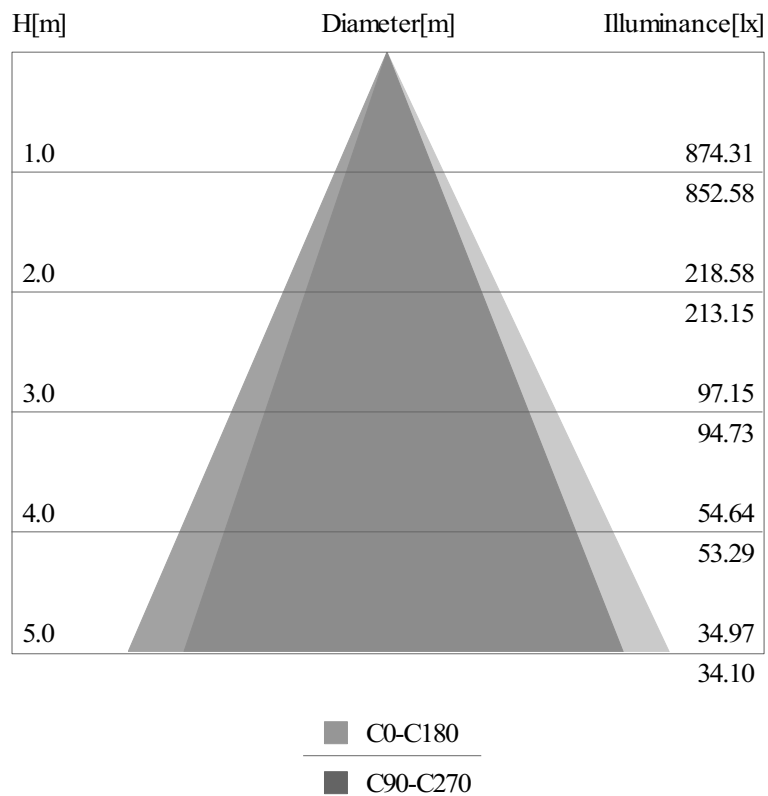
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-02-22
 Test Time: 13-47-58

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

cd/1000 lm Curve

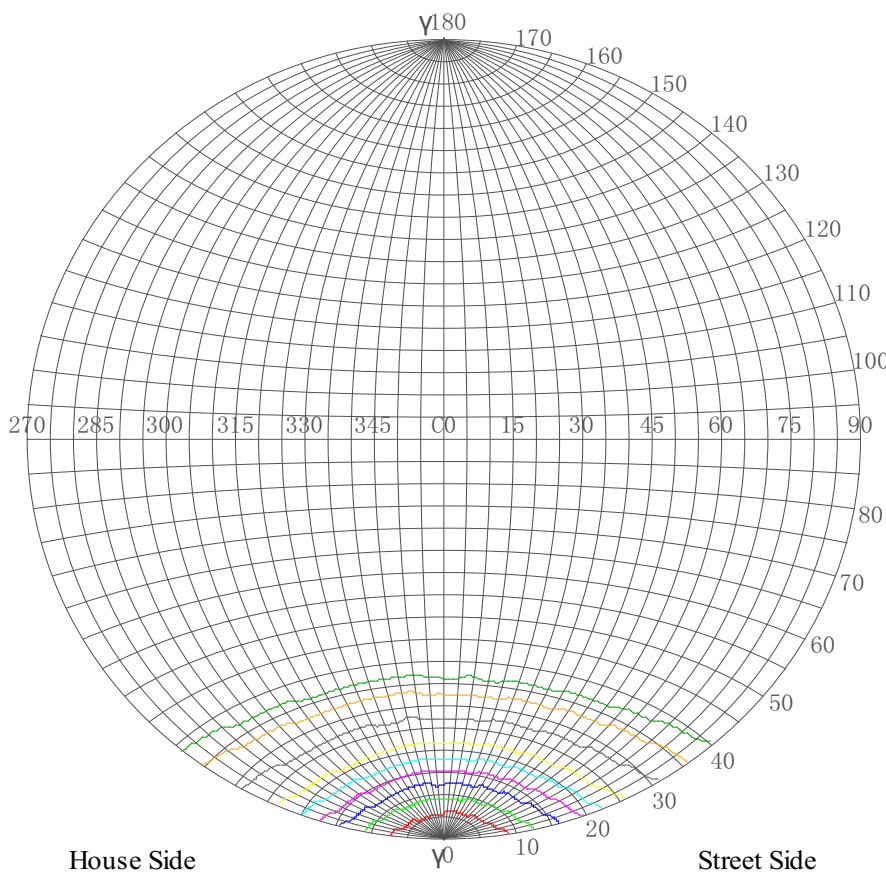


Illumination Cone Curve



Isocandela Curve of Road Lamp (Round Net Curve)

| Lamp Description | | |
|---------------------------|----------------------|------------------|
| Lamp Name: B0107-04-01-38 | Lamp Size: | Lamp Weight: |
| Lamp Type: 射灯 | Rated Voltage: 220 V | Rated Power: 7 W |
| Light Type: COB | Light Number: 1 | Rated Flux: |
| Light Standard: 14-14-11 | Light Area: | Light Flux: |



Road Lamp Type

CIE: cut-off

CIE: short-narrow extension

IES: cut-off

IES: V-very short

Max. At80: 6.10cd/klm

Max. At90: 3.0684cd/klm

| Isocandela Curve(Round Net) | |
|-----------------------------|-----|
| Intensity Unit | cd |
| Imax = 100% | 875 |
| — 90% | 787 |
| — 80% | 700 |
| — 70% | 613 |
| — 60% | 525 |
| — 50% | 438 |
| — 40% | 350 |
| — 30% | 263 |
| — 20% | 175 |
| — 10% | 88 |

c Range: 0-360 Degree

c Interval: 10 Degree

Test Speed: Fast

Test Distance: 5.0 m

Note: notes

γ Range: 0-90 Degree

γ Interval: 0.9 Degree

Test Date: 2019-02-22

Test Time: 13-47-58

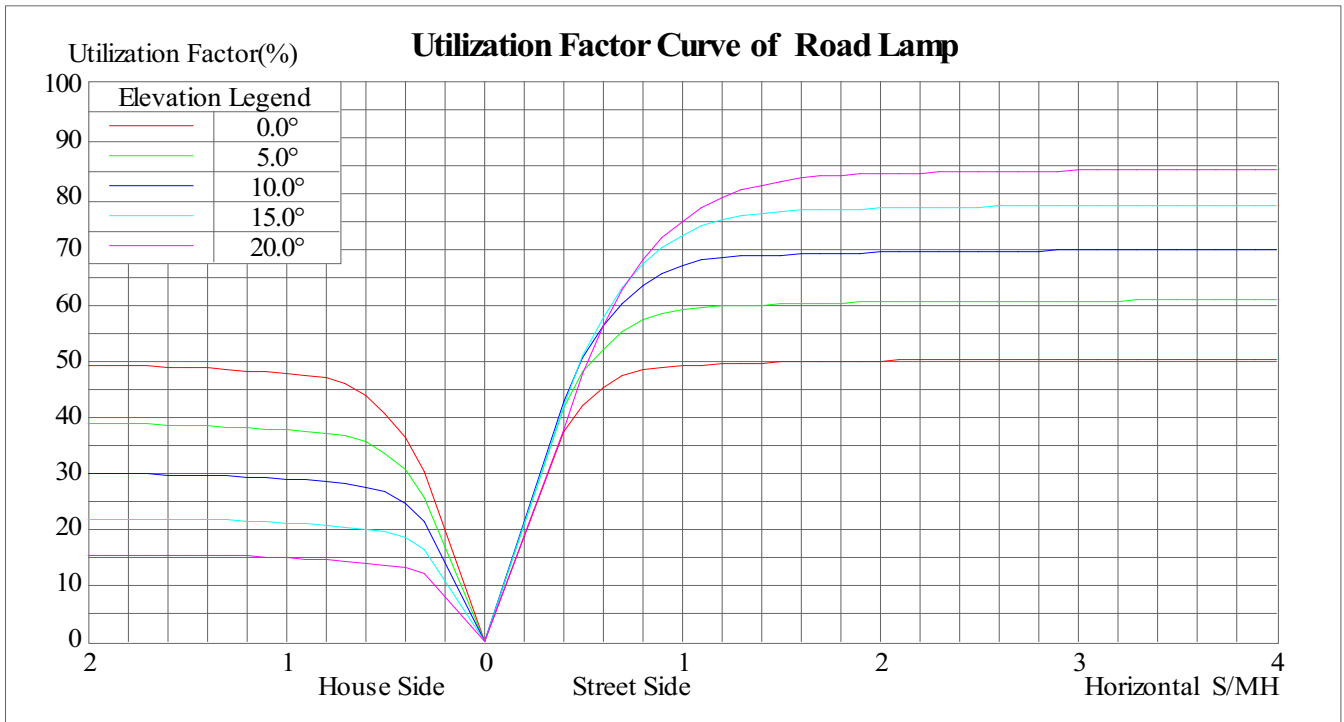
Temperature: 25 Celsius

Humidity: 60%

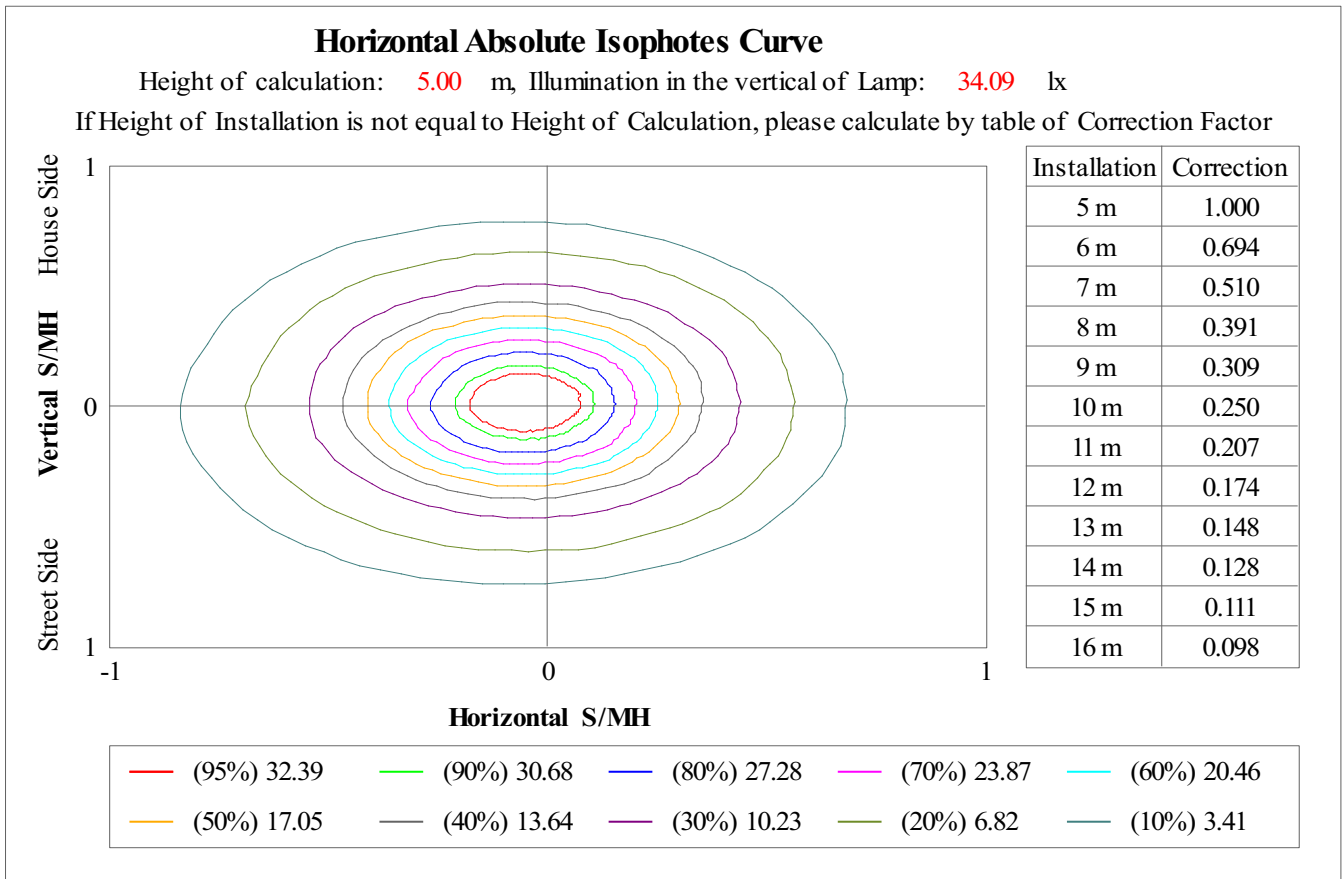
Test No.:

Tester:

Lamp Utilization Factor Curve

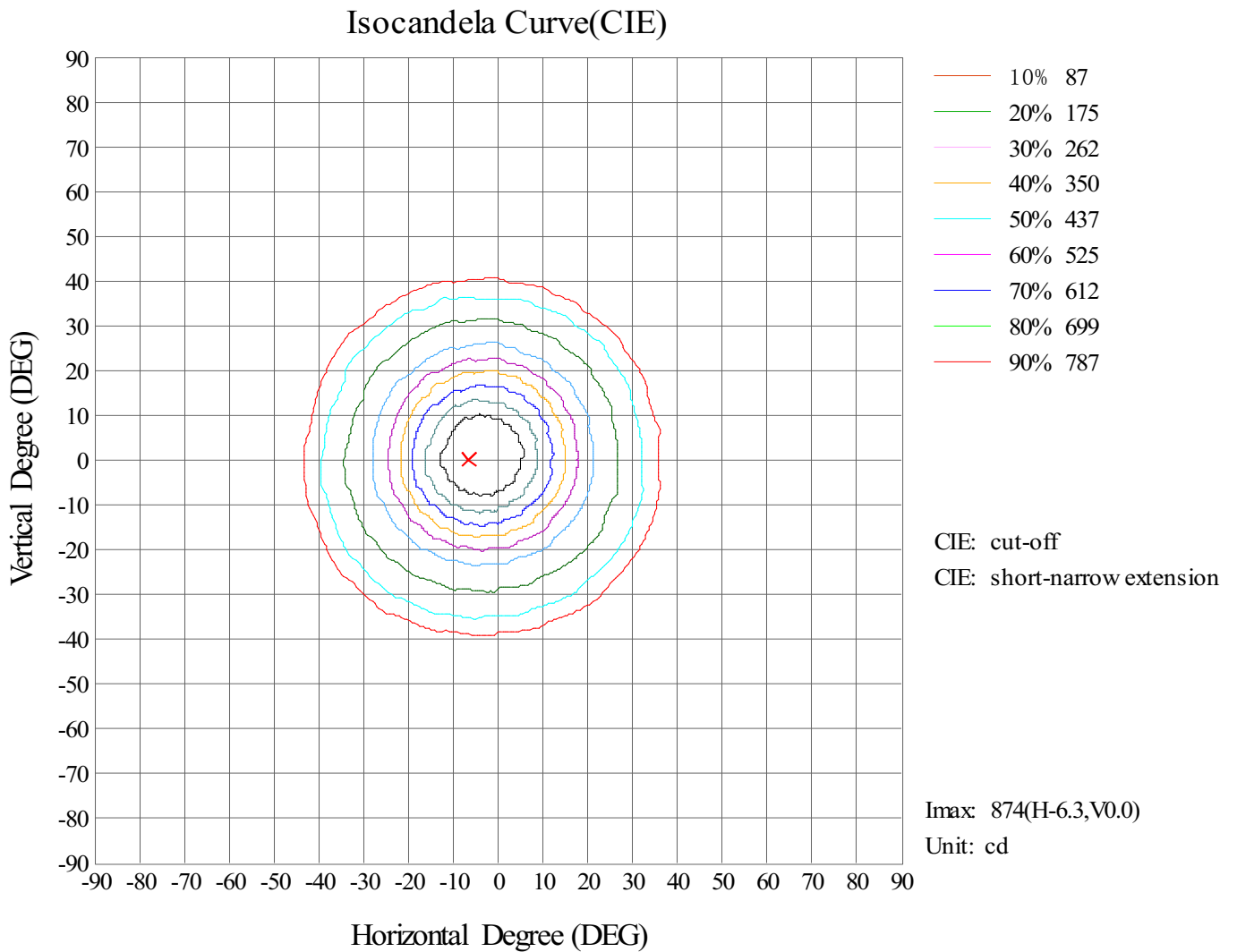


Horizontal Isophotes Curve



Isocandela Curve of Lamp

| Lamp Description | | |
|---------------------------|----------------------|------------------|
| Lamp Name: B0107-04-01-38 | Lamp Size: | Lamp Weight: |
| Lamp Type: 射灯 | Rated Voltage: 220 V | Rated Power: 7 W |
| Light Type: COB | Light Number: 1 | Rated Flux: |
| Light Standard: 14-14-11 | Light Area: | Light Flux: |



c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

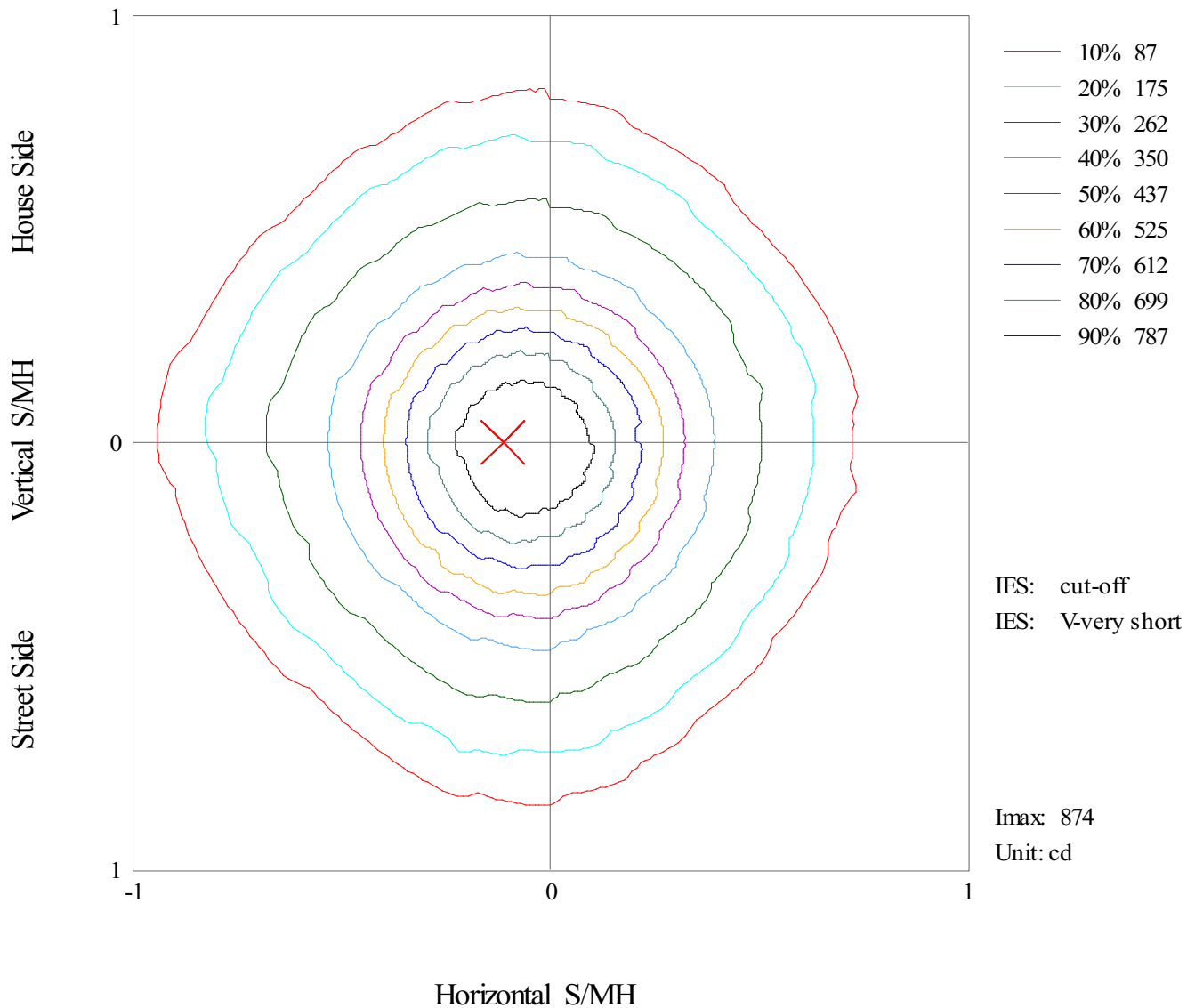
γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-02-22
 Test Time: 13-47-58

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

Isocandela Curve of Lamp

| Lamp Description | | |
|---------------------------|----------------------|------------------|
| Lamp Name: B0107-04-01-38 | Lamp Size: | Lamp Weight: |
| Lamp Type: 射灯 | Rated Voltage: 220 V | Rated Power: 7 W |
| Light Type: COB | Light Number: 1 | Rated Flux: |
| Light Standard: 14-14-11 | Light Area: | Light Flux: |

Isocandela Curve(IES)



c Range: 0-360 Degree
 c Interval: 10 Degree
 Test Speed: Fast
 Test Distance: 5.0 m
 Note: notes

γ Range: 0-90 Degree
 γ Interval: 0.9 Degree
 Test Date: 2019-02-22
 Test Time: 13-47-58

Temperature: 25 Celsius
 Humidity: 60%
 Test No.:
 Tester:

Lamp Ring with Flux

| Lamp Description | | |
|---------------------------|----------------------|------------------|
| Lamp Name: B0107-04-01-38 | Lamp Size: | Lamp Weight: |
| Lamp Type: 射灯 | Rated Voltage: 220 V | Rated Power: 7 W |
| Light Type: COB | Light Number: 1 | Rated Flux: |
| Light Standard: 14-14-11 | Light Area: | Light Flux: |

| γ | C0 | C90 | C180 | C270 | $\gamma(^{\circ})$ | $\Phi(\text{Ring})$ | $\Phi(\text{Total})$ | % |
|------------------|--------------------|-------|-------|-------|--------------------|---------------------|----------------------|--------|
| 3.6 | 822.2 | 840.9 | 868.5 | 841.1 | 0.0-3.6 | 10.50 | 10.50 | 1.88 |
| 7.2 | 736.4 | 812.4 | 871.4 | 782.6 | 3.6-7.2 | 30.48 | 40.98 | 7.35 |
| 10.8 | 635.8 | 737.8 | 819.2 | 699.0 | 7.2-10.8 | 46.81 | 87.79 | 15.75 |
| 14.4 | 526.6 | 648.0 | 736.8 | 596.2 | 10.8-14.4 | 57.82 | 145.6 | 26.13 |
| 18.0 | 418.1 | 550.7 | 635.1 | 485.7 | 14.4-18.0 | 62.94 | 208.5 | 37.42 |
| 21.6 | 333.1 | 442.1 | 519.0 | 381.8 | 18.0-21.6 | 77.46 | 286.0 | 51.32 |
| 25.2 | 273.9 | 349.8 | 407.2 | 309.0 | 21.6-25.2 | 57.24 | 343.2 | 61.59 |
| 28.8 | 223.7 | 287.2 | 332.5 | 262.2 | 25.2-28.8 | 53.36 | 396.6 | 71.16 |
| 32.4 | 156.9 | 238.9 | 277.7 | 219.8 | 28.8-32.4 | 48.80 | 445.4 | 79.92 |
| 36.0 | 75.71 | 173.9 | 227.1 | 149.4 | 32.4-36.0 | 39.43 | 484.8 | 86.99 |
| 39.6 | 22.29 | 89.00 | 154.3 | 66.57 | 36.0-39.6 | 24.62 | 509.5 | 91.41 |
| 43.2 | 15.79 | 25.22 | 73.71 | 28.20 | 39.6-43.2 | 11.70 | 521.2 | 93.51 |
| 46.8 | 13.14 | 16.70 | 29.75 | 23.41 | 43.2-46.8 | 6.355 | 527.5 | 94.65 |
| 50.4 | 10.97 | 13.95 | 24.50 | 20.33 | 46.8-50.4 | 5.393 | 532.9 | 95.62 |
| 54.0 | 9.150 | 11.79 | 21.37 | 17.59 | 50.4-54.0 | 4.840 | 537.7 | 96.49 |
| 57.6 | 7.750 | 9.750 | 18.45 | 15.30 | 54.0-57.6 | 4.319 | 542.1 | 97.26 |
| 61.2 | 6.130 | 8.270 | 16.05 | 13.04 | 57.6-61.2 | 3.804 | 545.9 | 97.94 |
| 64.8 | 5.100 | 6.780 | 13.74 | 10.94 | 61.2-64.8 | 3.303 | 549.2 | 98.54 |
| 68.4 | 3.900 | 5.820 | 11.81 | 8.980 | 64.8-68.4 | 2.837 | 552.0 | 99.04 |
| 72.0 | 1.560 | 4.650 | 9.990 | 6.400 | 68.4-72.0 | 2.230 | 554.2 | 99.45 |
| 75.6 | 0.370 | 2.430 | 7.180 | 3.760 | 72.0-75.6 | 1.093 | 555.3 | 99.64 |
| 79.2 | 0.00 | 0.570 | 3.820 | 2.600 | 75.6-79.2 | 0.838 | 556.2 | 99.79 |
| 82.8 | 0.00 | 0.110 | 2.550 | 1.700 | 79.2-82.8 | 0.521 | 556.7 | 99.89 |
| 86.4 | 0.00 | 0.00 | 1.860 | 1.400 | 82.8-86.4 | 0.367 | 557.1 | 99.95 |
| 90.0 | 0.00 | 0.00 | 1.470 | 1.260 | 86.4-90.0 | 0.272 | 557.3 | 100.00 |
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| Unit: $^{\circ}$ | Intensity Unit: cd | | | | | Unit: lm | | |

