

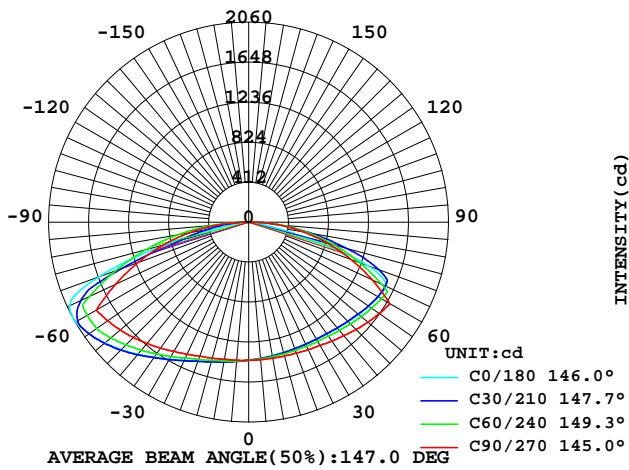
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

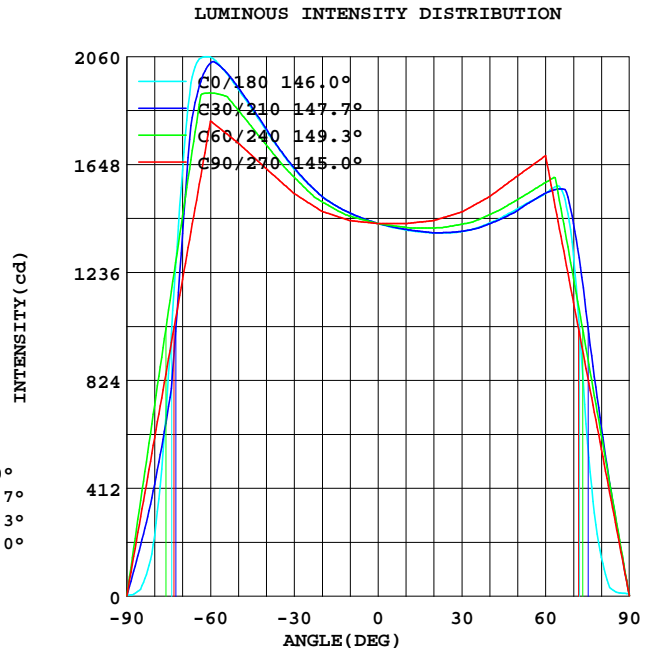
| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| | | | | | |
|-------------------|--------|------------------------|---------|---------------------|--------|
| MODEL: | | Imax(cd): | 2076 | Effective Flux(lm): | 7861.2 |
| NOMINAL POWER(W): | 50 | MAXIMUM(C, γ): | 5, 61.5 | EEI | 0.086 |
| RATED VOLTAGE(V): | 220 | EFFICIENCY(%): | 100.0 | Voltage(V) | 219.8 |
| NOMINAL FLUX(lm): | 7908.2 | η street_up(%): | 0.0 | Current(A) | 0.241 |
| TEST FLUX(lm): | 7908 | η street_down(%): | 50.4 | Power(W) | 49.84 |
| LAMPS QUANTITY: | 1 | η house_up(%): | 0.0 | Power Factor | 0.938 |
| TOTAL FLUX(lm): | 7908 | η house_down(%): | 49.6 | EEFICIENCY(lm/W) | 158.6 |

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月02日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

Color Temperature Data List

Report number:

| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

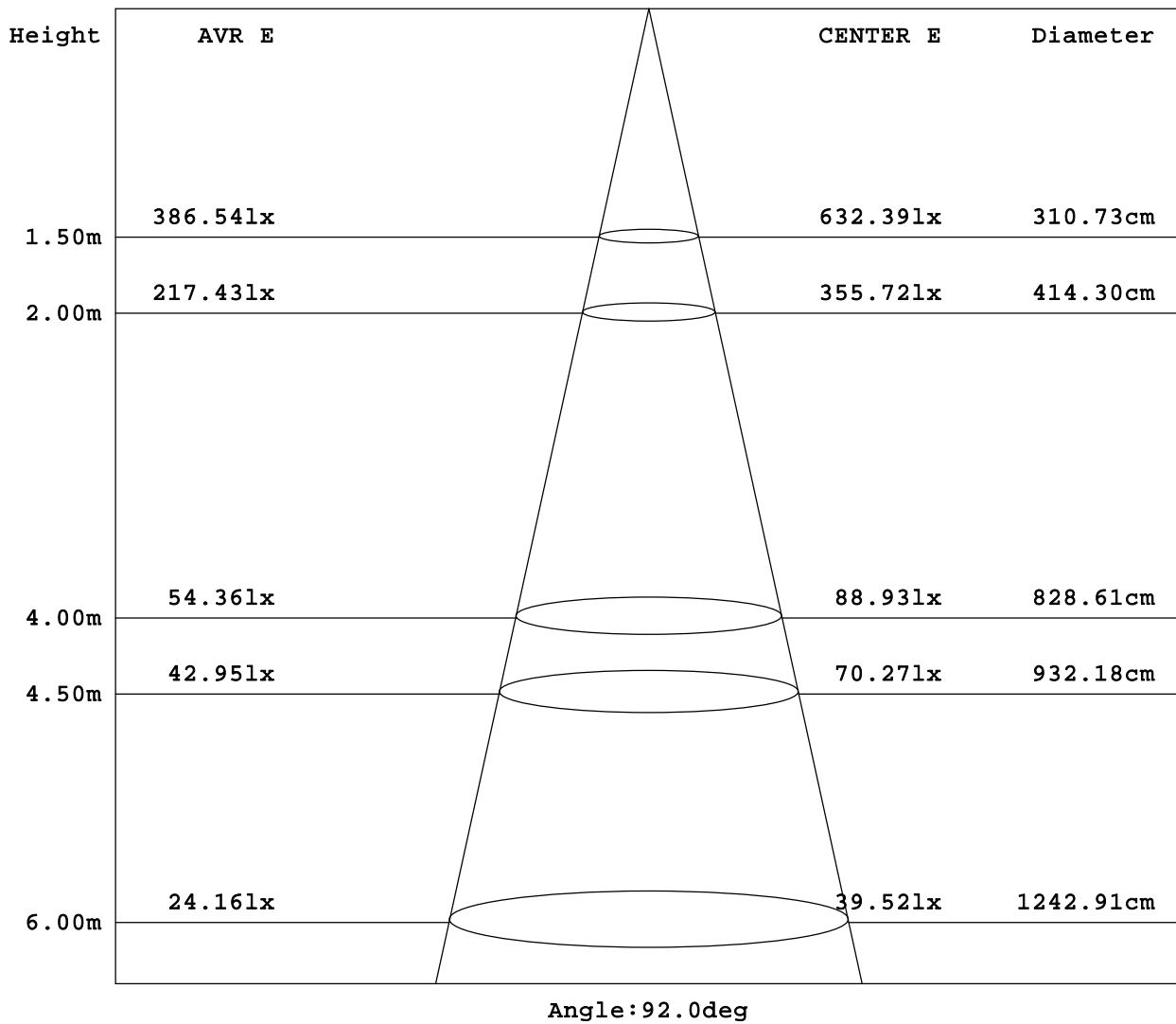
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月02日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

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| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月02日

Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Zone | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 5.0 | 1440 | 1439 | 1429 | 1416 | 1409 | 1413 | 1423 | 1435 | 0- 5 | 34.06 | 34.06 |
| 10.0 | 1462 | 1458 | 1434 | 1412 | 1398 | 1404 | 1423 | 1449 | 5- 10 | 102.1 | 136.2 |
| 15.0 | 1490 | 1483 | 1452 | 1410 | 1391 | 1398 | 1429 | 1466 | 10- 15 | 170.2 | 306.4 |
| 20.0 | 1526 | 1520 | 1469 | 1418 | 1387 | 1397 | 1434 | 1492 | 15- 20 | 238.6 | 545.1 |
| 25.0 | 1574 | 1564 | 1503 | 1428 | 1387 | 1397 | 1451 | 1522 | 20- 25 | 307.6 | 852.8 |
| 30.0 | 1631 | 1620 | 1537 | 1446 | 1392 | 1403 | 1467 | 1564 | 25- 30 | 377.9 | 1231 |
| 35.0 | 1700 | 1688 | 1585 | 1469 | 1405 | 1415 | 1496 | 1615 | 30- 35 | 449.6 | 1680 |
| 40.0 | 1778 | 1760 | 1632 | 1495 | 1425 | 1431 | 1526 | 1670 | 35- 40 | 523.4 | 2204 |
| 45.0 | 1857 | 1834 | 1681 | 1528 | 1451 | 1459 | 1566 | 1733 | 40- 45 | 597.9 | 2802 |
| 50.0 | 1935 | 1904 | 1730 | 1559 | 1479 | 1489 | 1605 | 1793 | 45- 50 | 672.1 | 3474 |
| 55.0 | 2006 | 1967 | 1772 | 1586 | 1510 | 1518 | 1643 | 1853 | 50- 55 | 744.0 | 4218 |
| 60.0 | 2058 | 1993 | 1815 | 1606 | 1538 | 1546 | 1682 | 1904 | 55- 60 | 809.8 | 5028 |
| 65.0 | 2036 | 1799 | 1512 | 1558 | 1565 | 1569 | 1402 | 1885 | 60- 65 | 843.7 | 5872 |
| 70.0 | 1628 | 1471 | 1210 | 1351 | 1304 | 1428 | 1122 | 1674 | 65- 70 | 781.1 | 6653 |
| 75.0 | 851.0 | 1082 | 908.0 | 1002 | 584.6 | 1083 | 841.8 | 1261 | 70- 75 | 600.6 | 7253 |
| 80.0 | 233.1 | 705.6 | 605.8 | 659.3 | 148.0 | 727.1 | 561.7 | 840.7 | 75- 80 | 380.1 | 7633 |
| 85.0 | 27.67 | 349.1 | 303.6 | 327.1 | 17.63 | 365.4 | 281.7 | 420.8 | 80- 85 | 207.2 | 7841 |
| 90.0 | 4.079 | 1.323 | 1.433 | 1.764 | 9.922 | 2.205 | 1.764 | 1.323 | 85- 90 | 67.43 | 7908 |
| 95.0 | | | | | | | | | 90- 95 | | |
| 100.0 | | | | | | | | | 95-100 | | |
| 105.0 | | | | | | | | | 100-105 | | |
| 110.0 | | | | | | | | | 105-110 | | |
| 115.0 | | | | | | | | | 110-115 | | |
| 120.0 | | | | | | | | | 115-120 | | |
| 125.0 | | | | | | | | | 120-125 | | |
| 130.0 | | | | | | | | | 125-130 | | |
| 135.0 | | | | | | | | | 130-135 | | |
| 140.0 | | | | | | | | | 135-140 | | |
| 145.0 | | | | | | | | | 140-145 | | |
| 150.0 | | | | | | | | | 145-150 | | |
| 155.0 | | | | | | | | | 150-155 | | |
| 160.0 | | | | | | | | | 155-160 | | |
| 165.0 | | | | | | | | | 160-165 | | |
| 170.0 | | | | | | | | | 165-170 | | |
| 175.0 | | | | | | | | | 170-175 | | |
| 180.0 | | | | | | | | | 175-180 | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | |

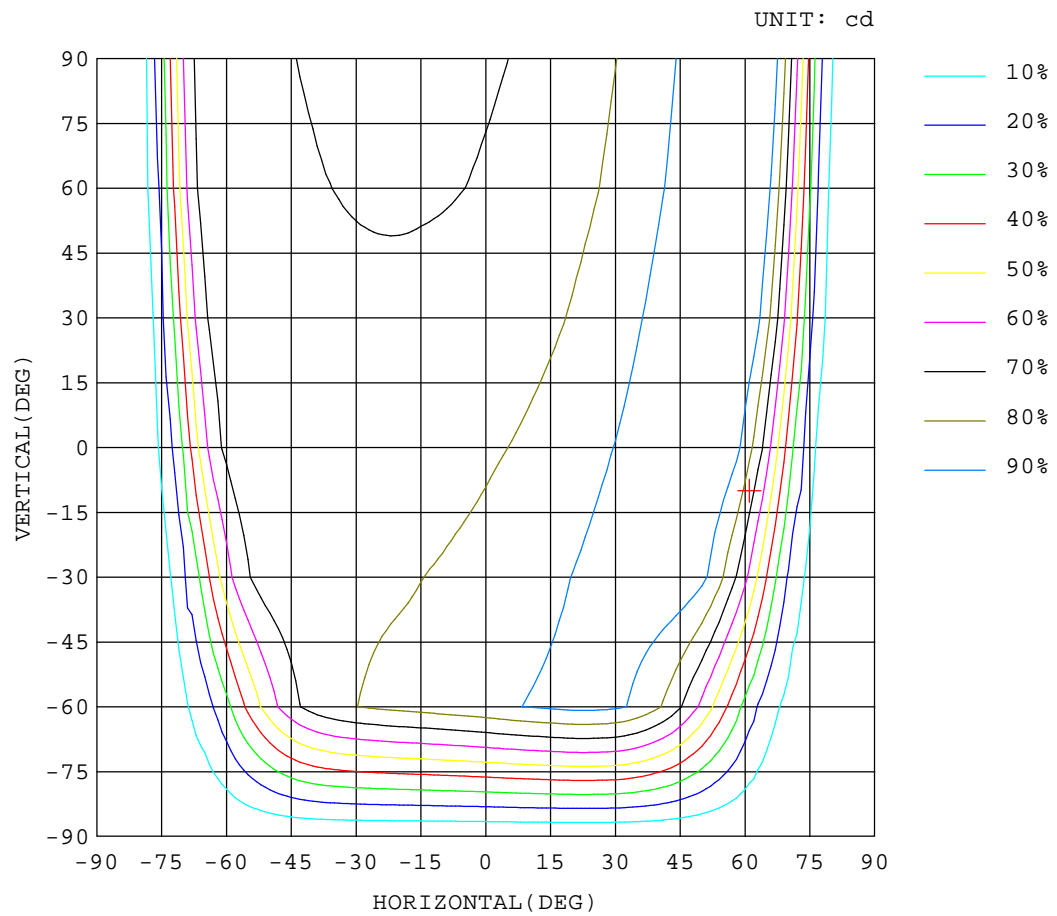
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2023年06月02日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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|----------------|------------|-------------|
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Temperature:25.3DEG
Operators:
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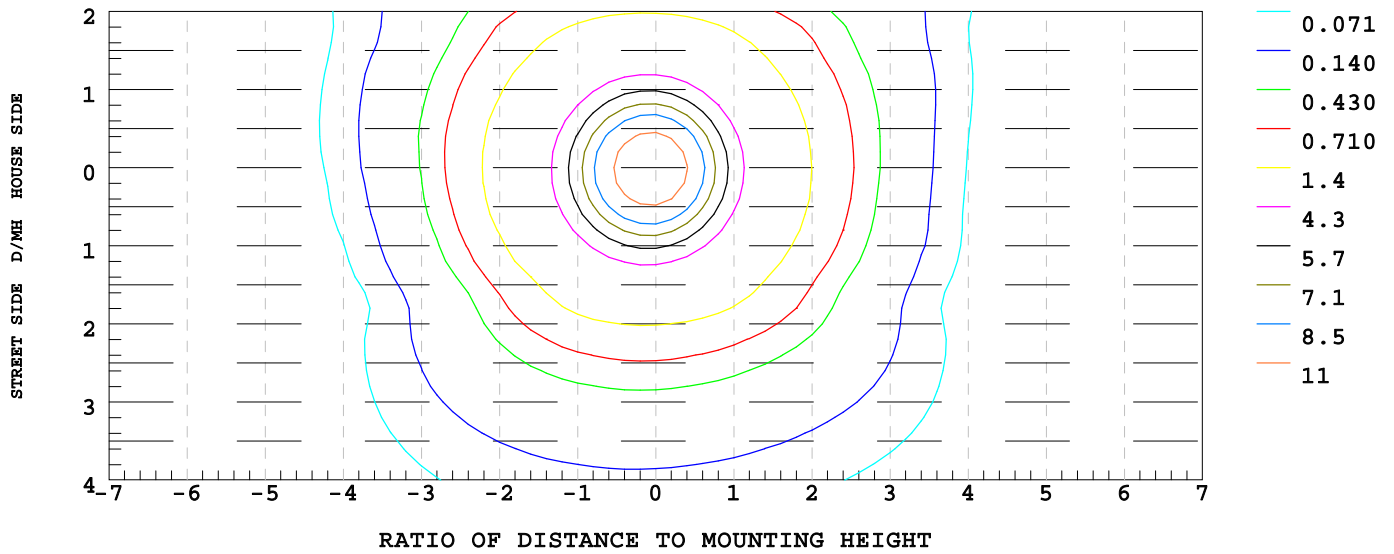
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
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ISOLUX DIAGRAM

Report number:

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|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
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ILLUMINANCE AT MH=10 m,Enadir = 14.23 lx



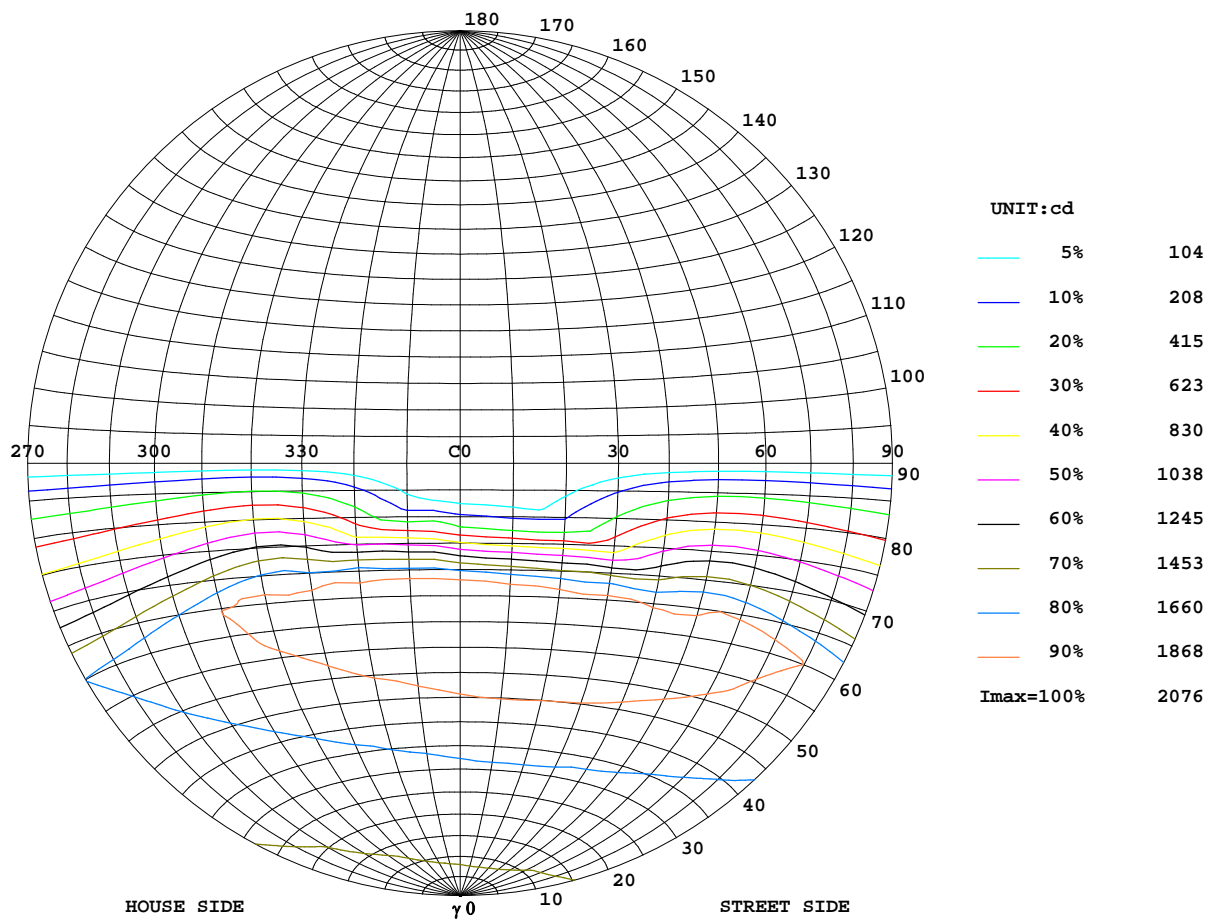
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ISOCANDELA DIAGRAM

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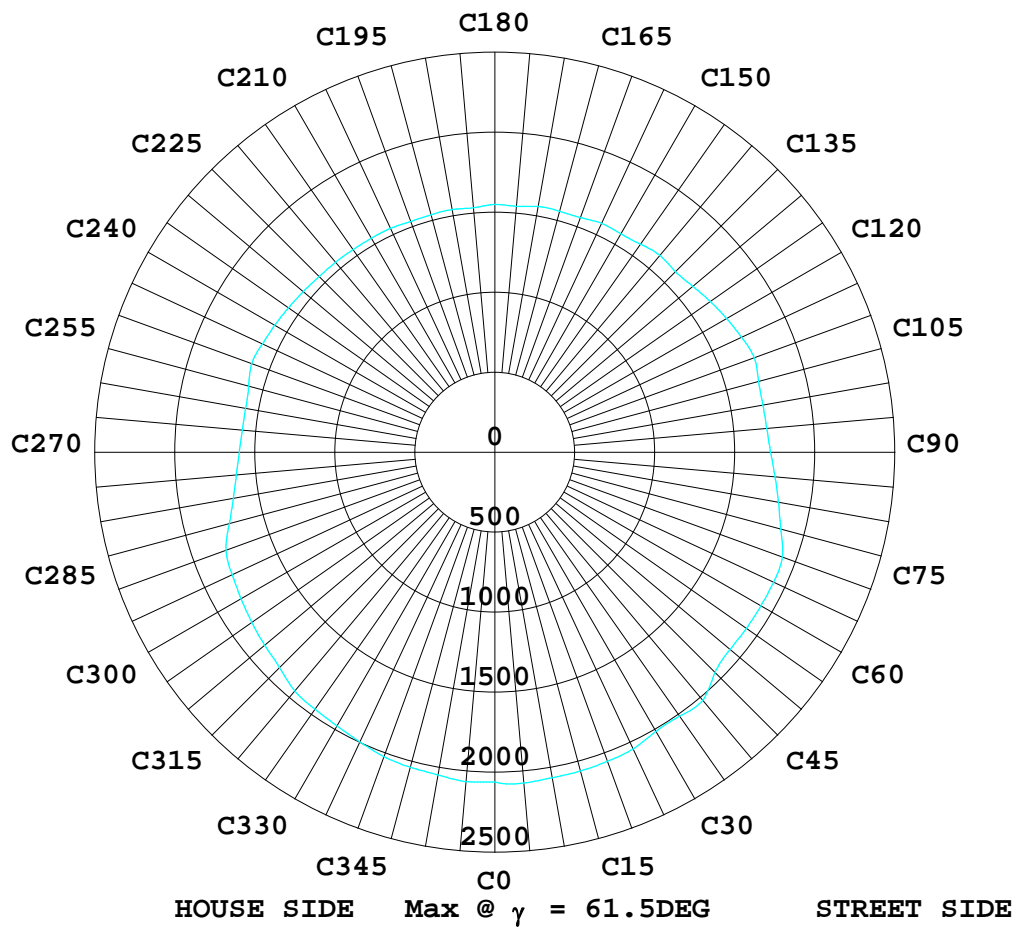
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ISOCANDELA DIAGRAM

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Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月02日

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Humidity:65.0%
Test Distance:10.500 m
Remarks:

Uncorrected UGR Table

Report number:

| MANUFACTURER: | | | | | | Address: | | | | |
|--|------------------|------|------|------|------|----------------|------|------|-------------|------|
| NAME: | | | | | | TYPE: | | | WEIGHT: | |
| SPECIFICATION: | | | | | | DIMENSION: | | | SERIAL No.: | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 26.8 | 28.6 | 27.1 | 28.8 | 29.0 | 26.1 | 27.9 | 26.4 | 28.1 | 28.3 |
| 3H | 29.4 | 31.0 | 29.7 | 31.2 | 31.5 | 28.3 | 29.9 | 28.6 | 30.2 | 30.4 |
| 4H | 29.9 | 31.4 | 30.2 | 31.7 | 32.0 | 29.1 | 30.7 | 29.4 | 30.9 | 31.2 |
| 6H | 29.9 | 31.4 | 30.3 | 31.7 | 32.0 | 29.8 | 31.2 | 30.1 | 31.5 | 31.8 |
| 8H | 29.9 | 31.3 | 30.2 | 31.6 | 31.9 | 30.0 | 31.4 | 30.4 | 31.7 | 32.0 |
| 12H | 29.8 | 31.2 | 30.2 | 31.5 | 31.8 | 30.2 | 31.6 | 30.6 | 31.9 | 32.2 |
| 4H 2H | 27.7 | 29.3 | 28.0 | 29.5 | 29.8 | 27.3 | 28.8 | 27.6 | 29.1 | 29.4 |
| 3H | 30.2 | 31.6 | 30.5 | 31.9 | 32.2 | 29.5 | 30.9 | 29.9 | 31.2 | 31.5 |
| 4H | 30.7 | 32.0 | 31.1 | 32.3 | 32.6 | 30.5 | 31.8 | 30.9 | 32.1 | 32.4 |
| 6H | 30.8 | 31.9 | 31.2 | 32.3 | 32.7 | 31.3 | 32.4 | 31.7 | 32.8 | 33.1 |
| 8H | 30.8 | 31.8 | 31.2 | 32.2 | 32.6 | 31.6 | 32.6 | 32.0 | 33.0 | 33.4 |
| 12H | 30.7 | 31.7 | 31.1 | 32.1 | 32.5 | 31.8 | 32.8 | 32.2 | 33.2 | 33.6 |
| 8H 4H | 31.1 | 32.1 | 31.5 | 32.5 | 32.9 | 30.9 | 32.0 | 31.3 | 32.4 | 32.7 |
| 6H | 31.3 | 32.2 | 31.7 | 32.6 | 33.0 | 31.9 | 32.8 | 32.4 | 33.2 | 33.7 |
| 8H | 31.3 | 32.1 | 31.8 | 32.5 | 33.0 | 32.4 | 33.2 | 32.8 | 33.6 | 34.0 |
| 12H | 31.3 | 32.0 | 31.8 | 32.4 | 32.9 | 32.7 | 33.4 | 33.2 | 33.8 | 34.3 |
| 12H 4H | 31.1 | 32.1 | 31.6 | 32.5 | 32.9 | 30.9 | 31.9 | 31.4 | 32.3 | 32.7 |
| 6H | 31.4 | 32.2 | 31.9 | 32.7 | 33.1 | 32.0 | 32.8 | 32.5 | 33.2 | 33.7 |
| 8H | 31.5 | 32.2 | 32.0 | 32.6 | 33.1 | 32.5 | 33.2 | 33.0 | 33.7 | 34.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.0 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.5 / - 0.5 | | | | | + 0.4 / - 0.6 | | | | |

CIE Pub.117 Corrected 7908 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.2)

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