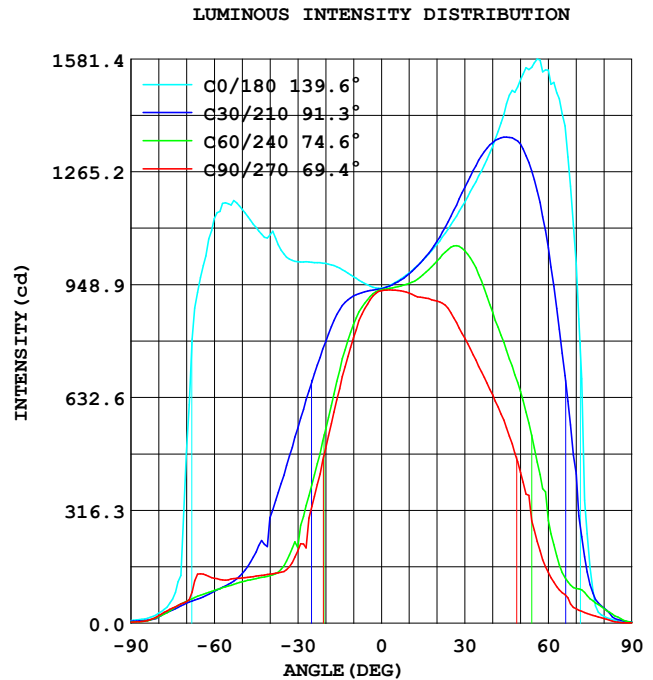
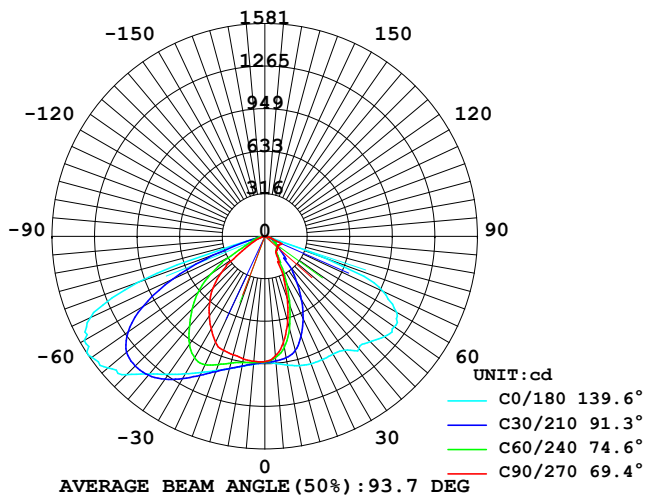


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| | | | | | |
|---------------------|--------|--------------------|-----------|----------------------|--------|
| MODEL: | | Imax (cd) : | 1627 | Effictive Flux(lm) : | 2381.0 |
| NOMINAL POWER(W) : | 20 | MAXIMUM(C, □) : | 195, 57.0 | EEI | 0.000 |
| RATED VOLTAGE (V) : | 220 | EFFICIENCY(%) : | 100.0 | Voltage (V) | 219.7 |
| NOMINAL FLUX(lm) : | 2578.8 | □ street_up(%) : | 0.1 | Current (A) | 0.095 |
| TEST FLUX(lm) : | 2579 | □ street_down(%) : | 30.7 | Power (W) | 20.01 |
| LAMPS QUANTITY: | 1 | □ house_up(%) | 0.1 | Power Factor | 0.956 |
| TOTAL FLUX(lm) : | 2579 | □ house_down(%) : | 69.1 | EEFFICIENCY(lm/W) | 128.8 |



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:08-08-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks:

Color Temperature Data List

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

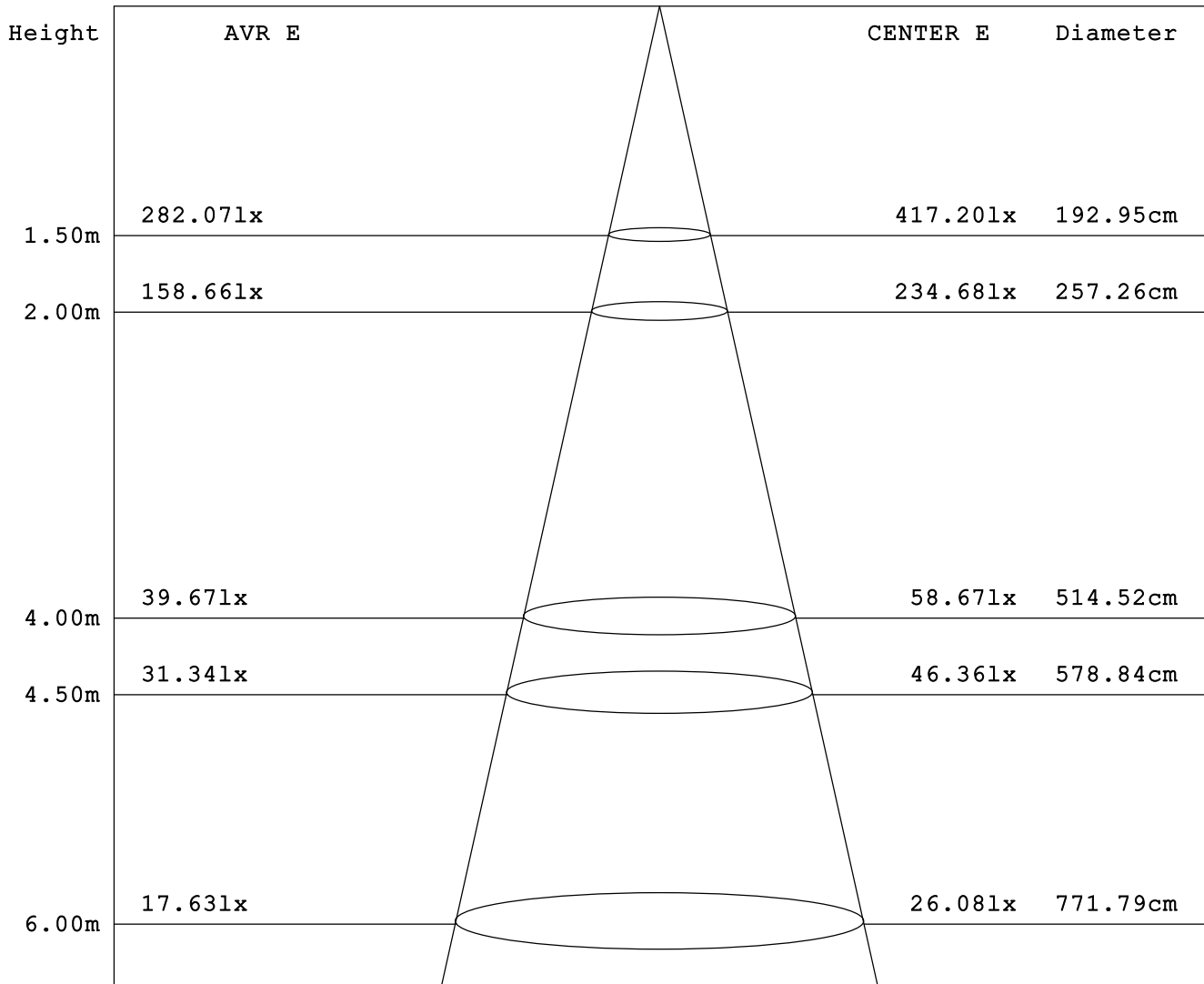
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:08-08-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |



Angle: 65.5deg

 Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 08-08-2022

 Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.500 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| θ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | θ | Zone | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 5.0 | 948.6 | 907.6 | 894.0 | 902.2 | 955.1 | 941.7 | 933.2 | 937.5 | 0- 5 | 22.21 | 22.21 |
| 10.0 | 971.3 | 861.4 | 799.9 | 857.5 | 981.8 | 961.5 | 925.0 | 946.6 | 5- 10 | 65.85 | 88.07 |
| 15.0 | 995.3 | 760.3 | 657.4 | 780.9 | 1017 | 994.3 | 912.3 | 948.2 | 10- 15 | 106.5 | 194.6 |
| 20.0 | 1008 | 613.9 | 489.7 | 686.9 | 1062 | 1045 | 902.7 | 948.7 | 15- 20 | 142.3 | 336.9 |
| 25.0 | 1012 | 469.4 | 326.7 | 577.5 | 1116 | 1108 | 870.3 | 965.9 | 20- 25 | 172.8 | 509.8 |
| 30.0 | 1013 | 350.9 | 202.6 | 453.2 | 1180 | 1164 | 798.9 | 990.2 | 25- 30 | 197.5 | 707.3 |
| 35.0 | 1034 | 201.5 | 145.0 | 346.4 | 1253 | 1178 | 720.1 | 973.6 | 30- 35 | 217.4 | 924.8 |
| 40.0 | 1088 | 137.1 | 137.5 | 217.5 | 1336 | 1140 | 639.6 | 907.2 | 35- 40 | 235.1 | 1160 |
| 45.0 | 1109 | 115.9 | 131.9 | 147.4 | 1455 | 1043 | 547.7 | 779.0 | 40- 45 | 247.3 | 1407 |
| 50.0 | 1160 | 102.3 | 126.8 | 115.4 | 1523 | 911.4 | 422.4 | 643.1 | 45- 50 | 254.3 | 1662 |
| 55.0 | 1175 | 87.94 | 121.1 | 96.67 | 1570 | 766.6 | 260.6 | 504.9 | 50- 55 | 249.2 | 1911 |
| 60.0 | 1133 | 71.81 | 125.7 | 80.40 | 1550 | 566.2 | 141.7 | 327.5 | 55- 60 | 227.3 | 2138 |
| 65.0 | 968.4 | 56.73 | 138.3 | 66.25 | 1428 | 335.7 | 85.96 | 171.2 | 60- 65 | 193.5 | 2332 |
| 70.0 | 476.4 | 41.26 | 60.83 | 51.84 | 1006 | 174.1 | 40.46 | 84.90 | 65- 70 | 142.9 | 2475 |
| 75.0 | 67.44 | 24.73 | 42.58 | 37.16 | 156.7 | 93.89 | 24.33 | 50.65 | 70- 75 | 63.42 | 2538 |
| 80.0 | 28.30 | 8.728 | 20.76 | 20.49 | 19.30 | 58.85 | 12.82 | 30.02 | 75- 80 | 21.70 | 2560 |
| 85.0 | 12.29 | 1.587 | 5.554 | 7.141 | 6.215 | 31.60 | 3.041 | 11.24 | 80- 85 | 9.293 | 2569 |
| 90.0 | 8.067 | 1.058 | 3.306 | 1.058 | 2.909 | 10.58 | 0.926 | 5.951 | 85- 90 | 3.628 | 2573 |
| 95.0 | 6.480 | 1.058 | 2.777 | 0.926 | 1.983 | 5.819 | 0.661 | 4.496 | 90- 95 | 1.940 | 2575 |
| 100.0 | 5.157 | 1.058 | 2.248 | 0.794 | 1.983 | 4.628 | 0.794 | 3.835 | 95-100 | 1.520 | 2576 |
| 105.0 | 4.496 | 0.926 | 1.983 | 0.794 | 1.983 | 3.835 | 0.794 | 3.041 | 100-105 | 1.288 | 2578 |
| 110.0 | 3.835 | 1.190 | 1.851 | 0.926 | 3.306 | 3.041 | 1.058 | 2.512 | 105-110 | 1.109 | 2579 |
| 115.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-115 | 0.108 | 2579 |
| 120.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115-120 | 0 | 2579 |
| 125.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-125 | 0 | 2579 |
| 130.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125-130 | 0 | 2579 |
| 135.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-135 | 0 | 2579 |
| 140.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135-140 | 0 | 2579 |
| 145.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-145 | 0 | 2579 |
| 150.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145-150 | 0 | 2579 |
| 155.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-155 | 0 | 2579 |
| 160.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 155-160 | 0 | 2579 |
| 165.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-165 | 0 | 2579 |
| 170.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165-170 | 0 | 2579 |
| 175.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-175 | 0 | 2579 |
| 180.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 175-180 | 0 | 2579 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | |

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:08-08-2022

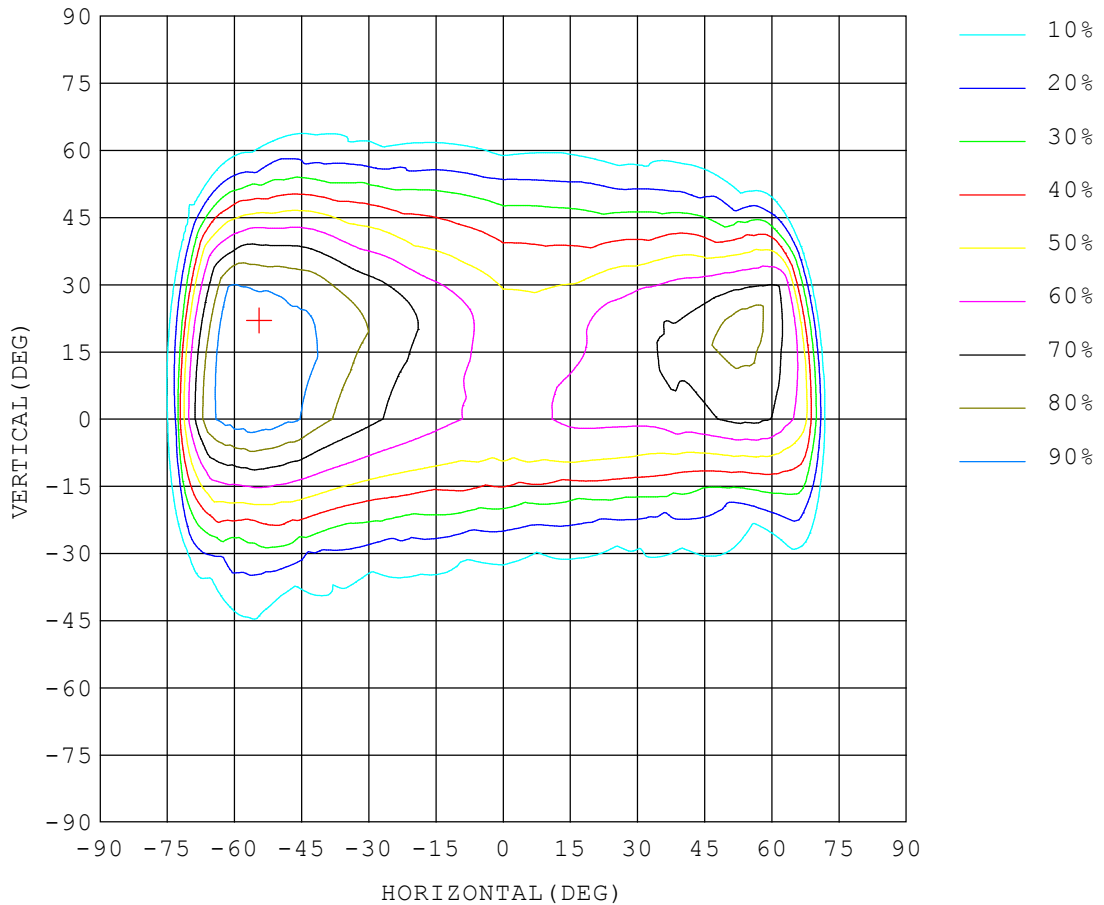
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

UNIT: cd



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:08-08-2022

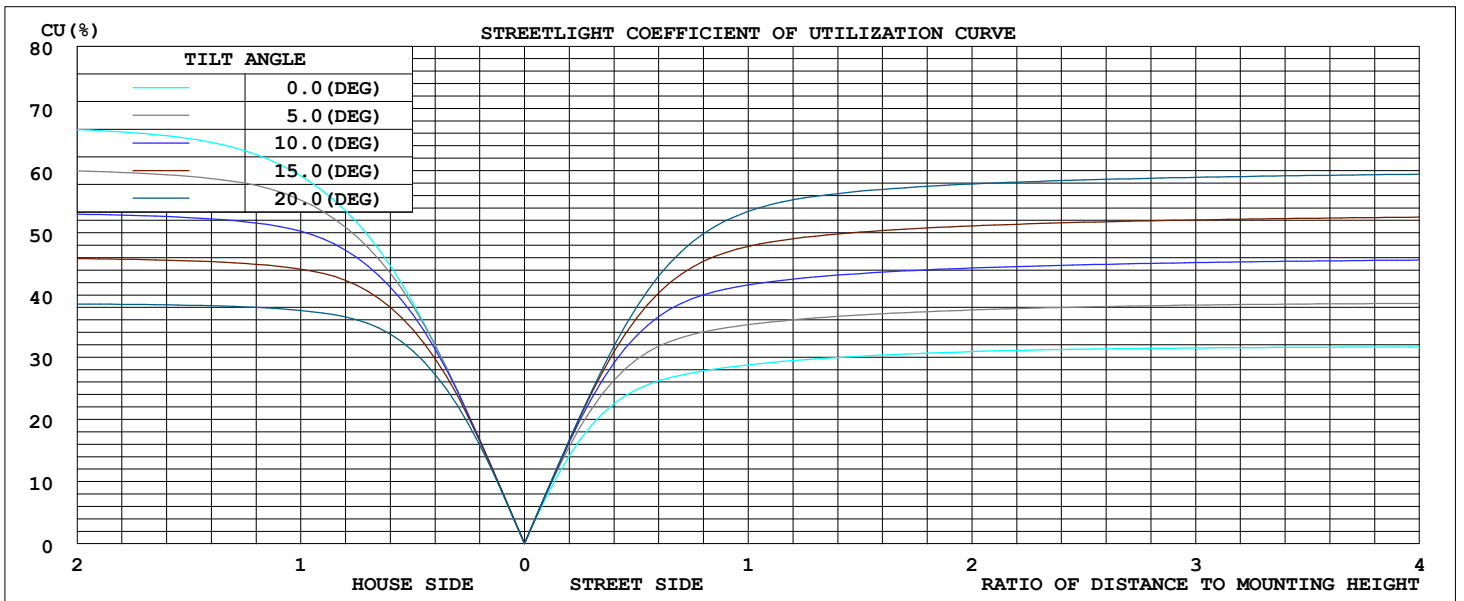
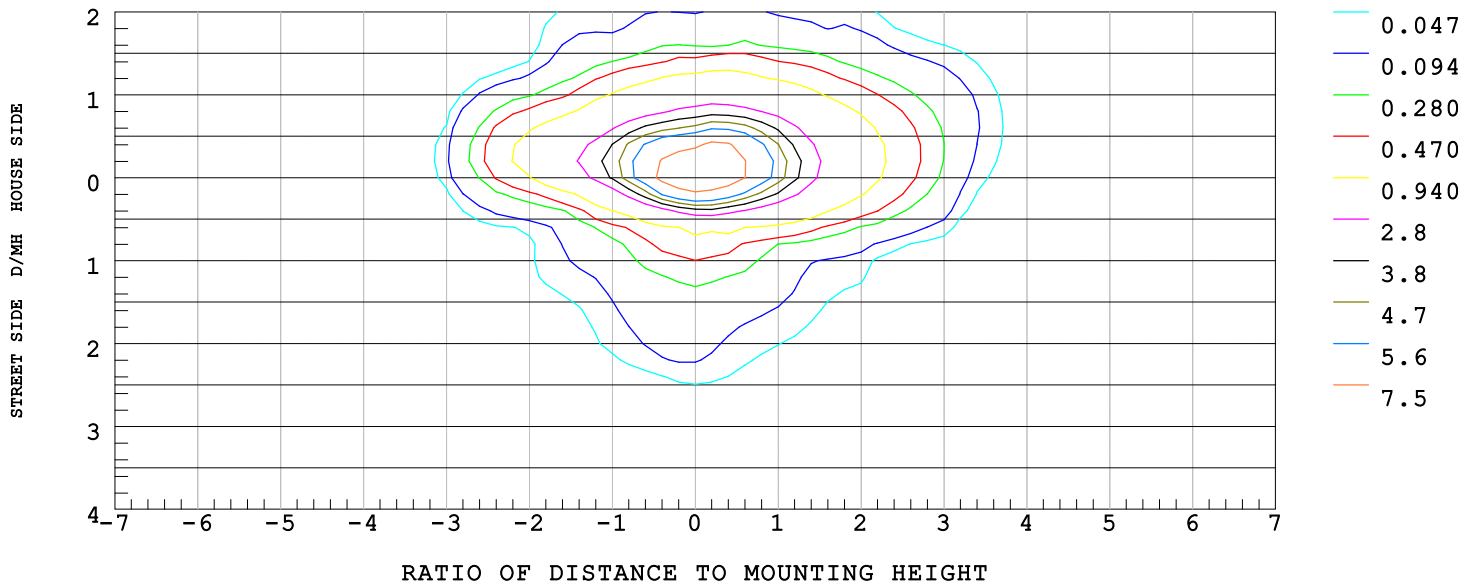
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks:

ISOLUX DIAGRAM

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

ILLUMINANCE AT MH=10 m, Enadir = 9.39 lx



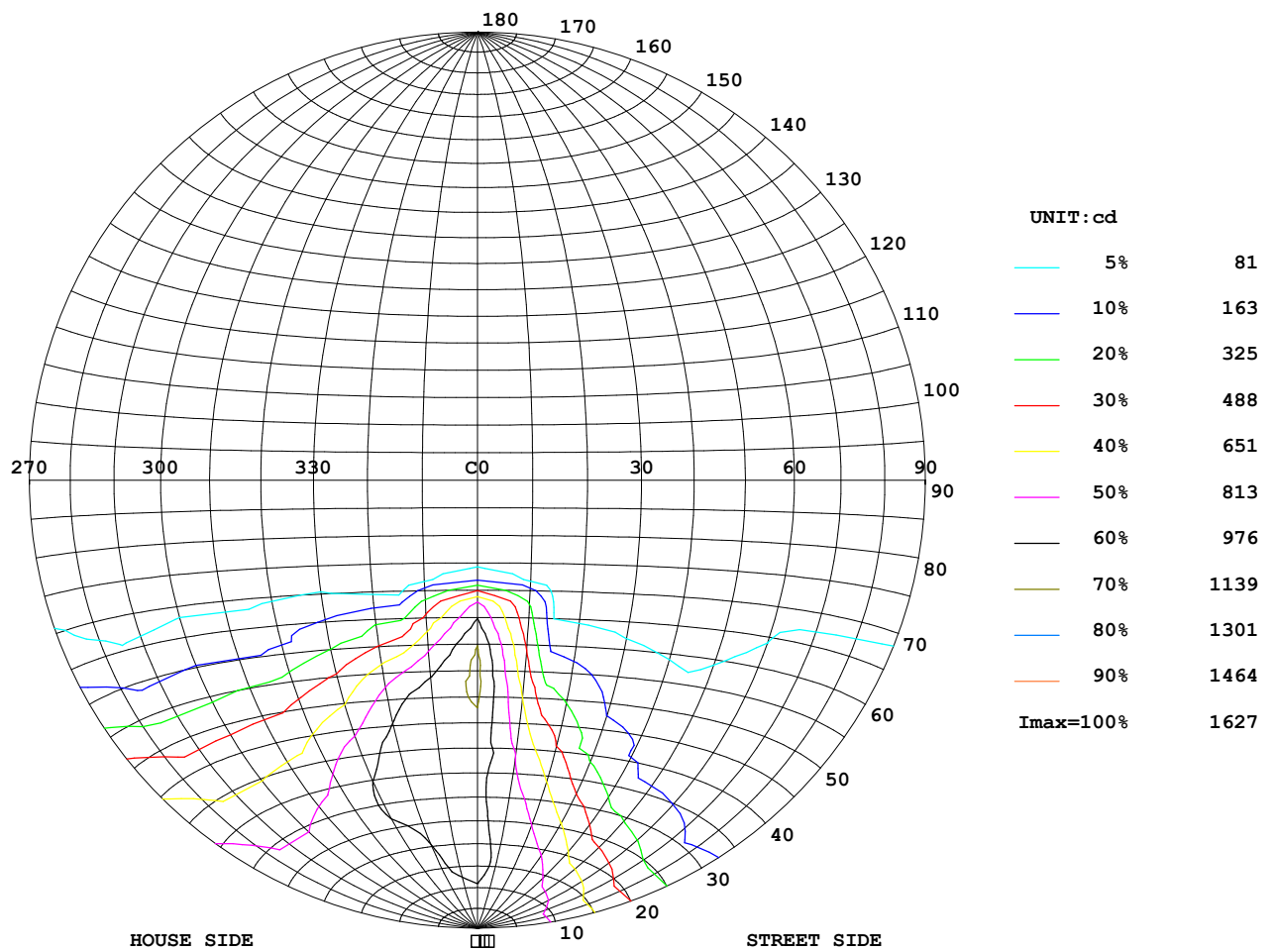
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:08-08-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | |
|--|----------------|-------------|
| MANUFACTURER: Manufacturer: Magnatech SSL | | |
| Address: Address: Entrance 3, 5th floor, Block 7, CIMC Park, ShunYe West Road No. 15, XingTan Town, ShunDe | | |
| NAME: street light | TYPE: SH28-20W | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |


 Test System: HOPOO HPG1900
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-08-2022

 Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.500 m
 Remarks: