

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

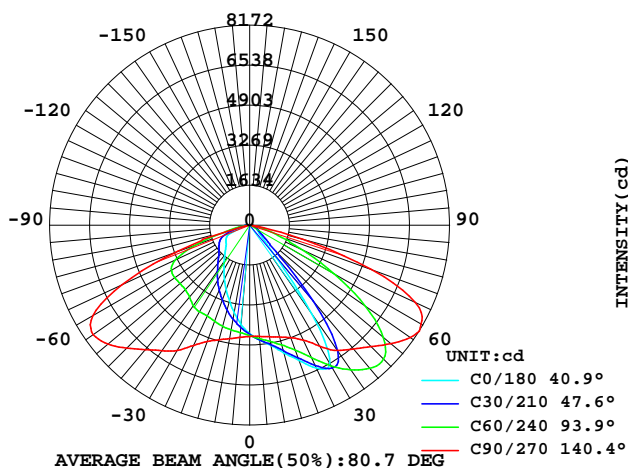
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

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

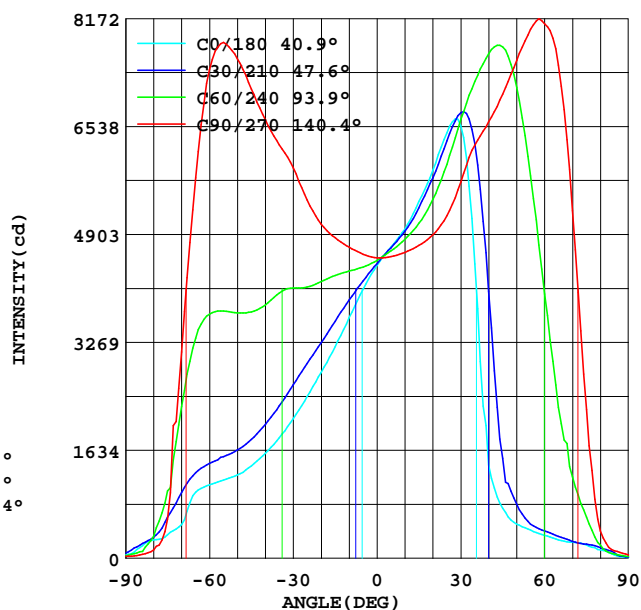
| | | | | | |
|-------------------|---------|------------------------|-----------|---------------------|---------|
| MODEL: | | I _{max} (cd): | 8172 | Effective Flux(lm): | 14958.2 |
| NOMINAL POWER(W): | 152 | MAXIMUM(C, γ): | 270, 58.0 | EEI | 0.138 |
| RATED VOLTAGE(V): | 220 | EFFICIENCY(%): | 100.0 | Voltage(V) | 219.3 |
| NOMINAL FLUX(lm): | 15625.3 | η street_up(%): | 0.0 | Current(A) | 0.693 |
| TEST FLUX(lm): | 15625 | η street_down(%): | 46.4 | Power(W) | 151.6 |
| LAMPS QUANTITY: | 1 | η house_up(%): | 0.0 | Power Factor | 0.964 |
| TOTAL FLUX(lm): | 15625 | η house_down(%): | 53.6 | EFFICIENCY(lm/W) | 103.0 |

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2015年04月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

Color Temperature Data List

Report number:

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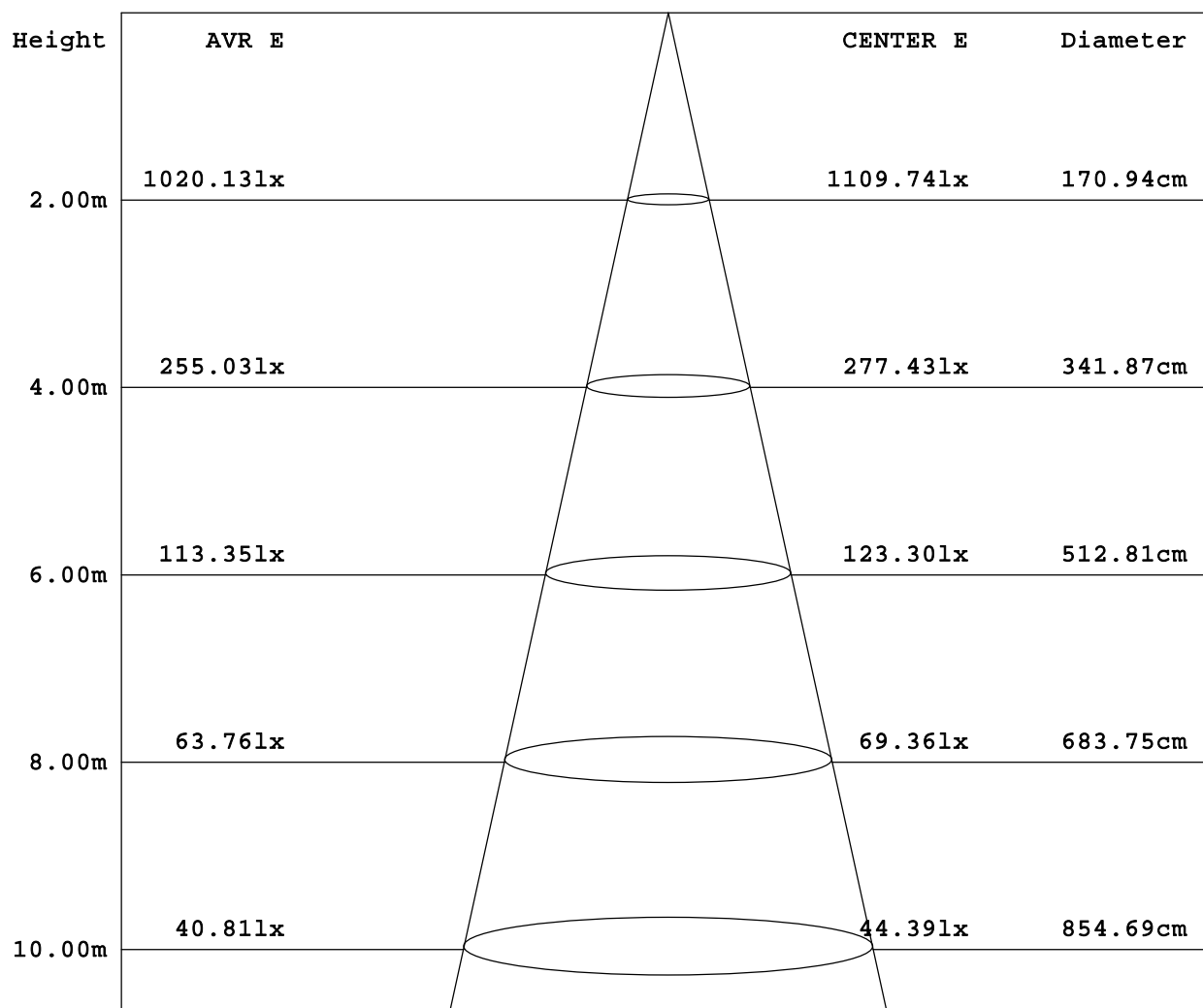
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AVERAGE AND CENTER E Figure

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Angle:46.3deg

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2015年04月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

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ZONAL FLUX DIAGRAM

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

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | zone | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 5.0 | 4072 | 4306 | 4605 | 4773 | 4716 | 4679 | 4567 | 4393 | 0- 5 | 108.1 | 108.1 |
| 10.0 | 3641 | 4129 | 4712 | 5019 | 4987 | 4892 | 4634 | 4185 | 5- 10 | 323.8 | 431.9 |
| 15.0 | 3205 | 3935 | 4852 | 5383 | 5404 | 5189 | 4737 | 3956 | 10- 15 | 541.2 | 973.2 |
| 20.0 | 2813 | 3727 | 5060 | 5853 | 5877 | 5599 | 4896 | 3725 | 15- 20 | 765.7 | 1739 |
| 25.0 | 2453 | 3529 | 5427 | 6396 | 6444 | 6145 | 5188 | 3505 | 20- 25 | 1006 | 2745 |
| 30.0 | 2115 | 3361 | 5909 | 6646 | 6551 | 6693 | 5693 | 3311 | 25- 30 | 1259 | 4004 |
| 35.0 | 1824 | 3163 | 6258 | 5801 | 4459 | 6750 | 6256 | 3111 | 30- 35 | 1446 | 5450 |
| 40.0 | 1592 | 2934 | 6641 | 4287 | 1411 | 5839 | 6609 | 2872 | 35- 40 | 1450 | 6899 |
| 45.0 | 1400 | 2767 | 7104 | 3383 | 756.8 | 4630 | 7025 | 2669 | 40- 45 | 1402 | 8301 |
| 50.0 | 1262 | 2678 | 7564 | 2361 | 517.6 | 3972 | 7540 | 2536 | 45- 50 | 1398 | 9700 |
| 55.0 | 1185 | 2641 | 7812 | 1458 | 426.6 | 3155 | 8010 | 2475 | 50- 55 | 1392 | 11092 |
| 60.0 | 1112 | 2567 | 7401 | 904.3 | 346.8 | 2208 | 8091 | 2416 | 55- 60 | 1352 | 12444 |
| 65.0 | 1001 | 2315 | 5762 | 569.7 | 279.5 | 1310 | 7466 | 2252 | 60- 65 | 1237 | 13681 |
| 70.0 | 512.8 | 1648 | 3122 | 363.5 | 243.8 | 745.1 | 5261 | 1862 | 65- 70 | 976.6 | 14658 |
| 75.0 | 354.2 | 819.4 | 592.8 | 201.5 | 201.2 | 418.4 | 2252 | 1122 | 70- 75 | 584.7 | 15243 |
| 80.0 | 276.8 | 329.3 | 128.0 | 98.98 | 127.1 | 180.4 | 416.4 | 538.9 | 75- 80 | 244.4 | 15487 |
| 85.0 | 164.6 | 148.9 | 51.73 | 27.09 | 49.89 | 75.72 | 113.5 | 224.3 | 80- 85 | 98.73 | 15586 |
| 90.0 | 55.36 | 60.10 | 31.68 | 12.65 | 12.70 | 23.38 | 52.41 | 102.6 | 85- 90 | 39.52 | 15625 |
| 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 | |

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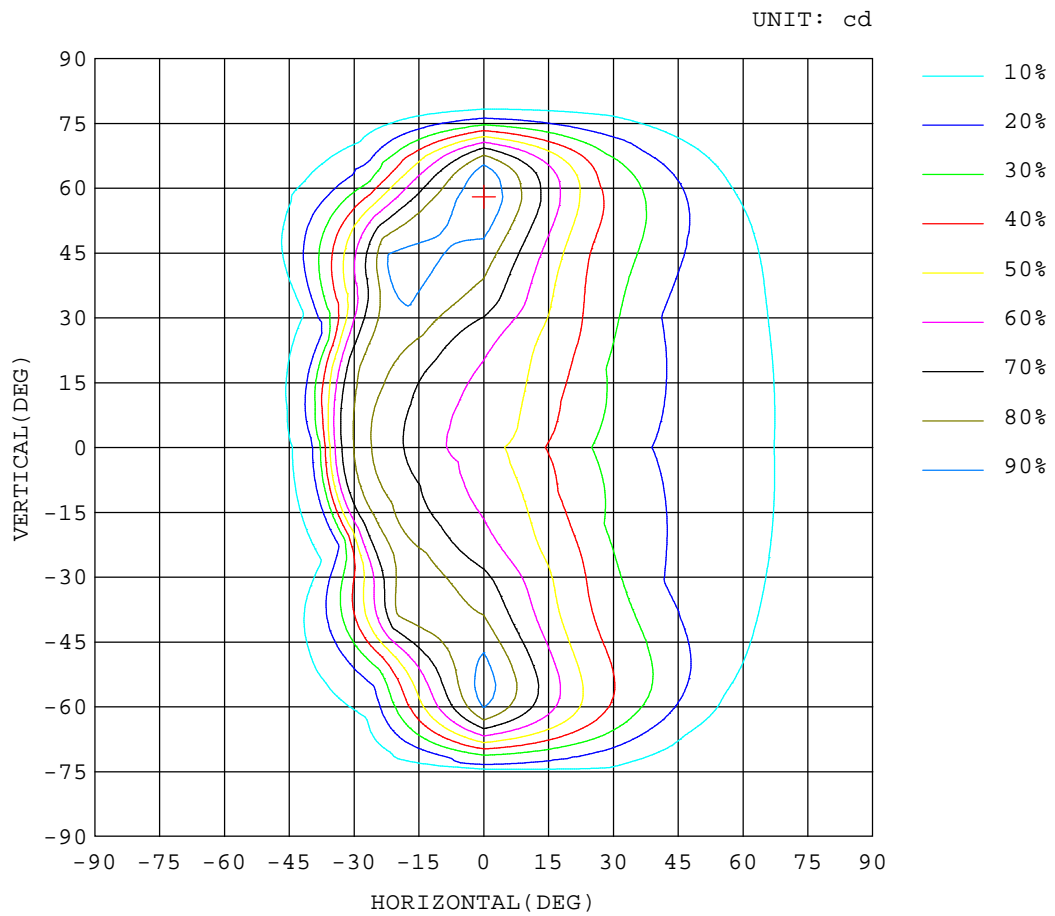
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ISOCANDELA DIAGRAM

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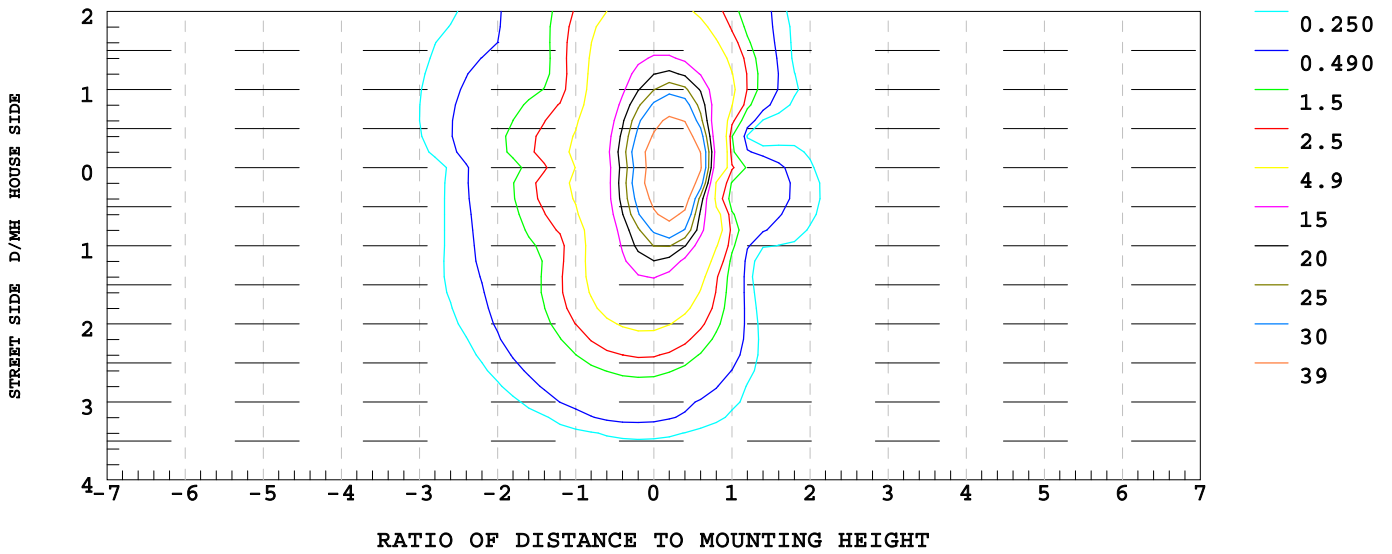
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ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m, Enadir = 44.39 lx



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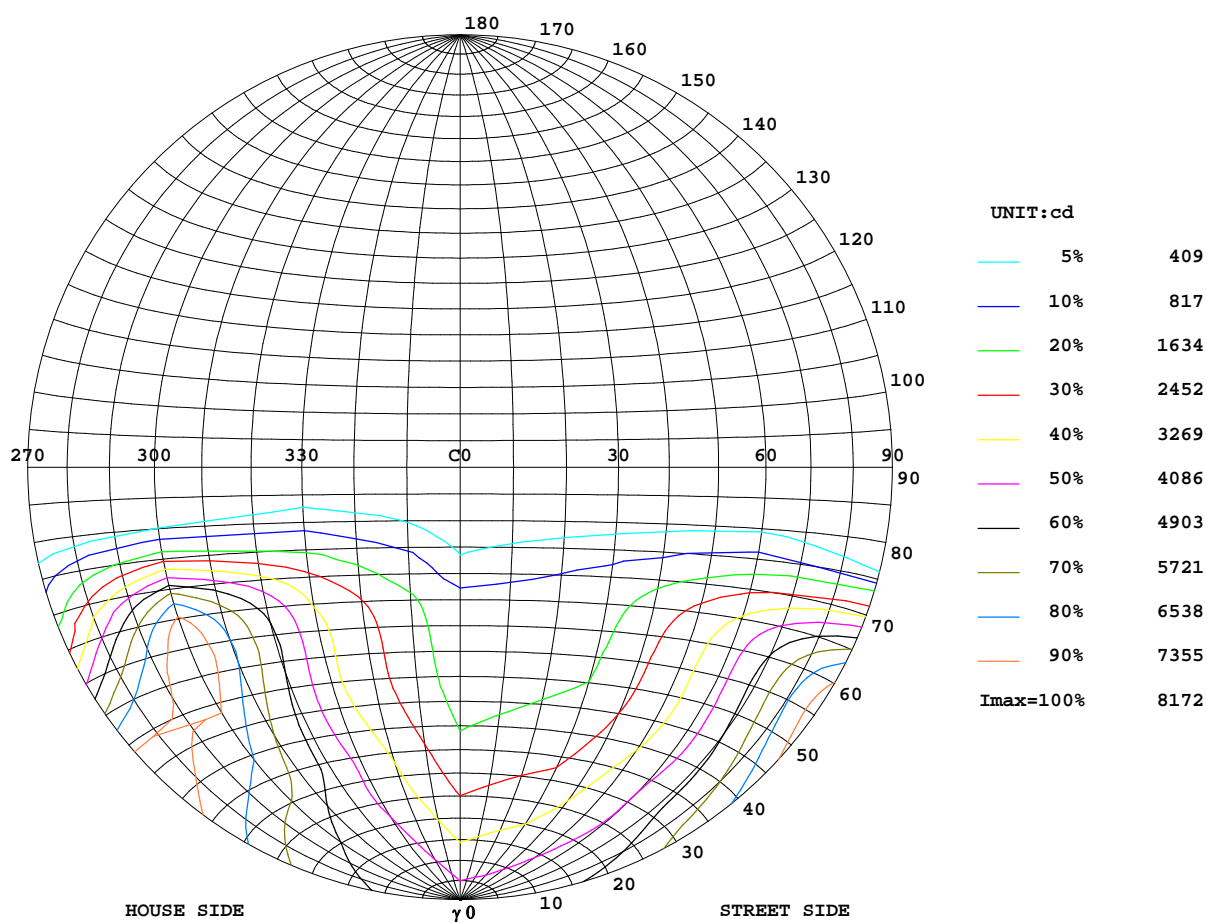
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