

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

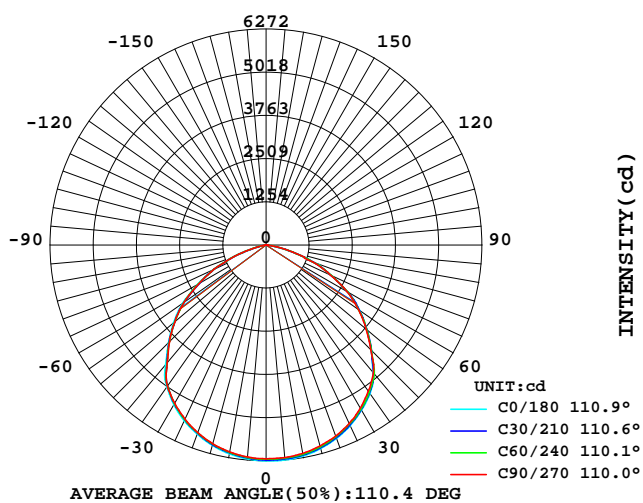
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

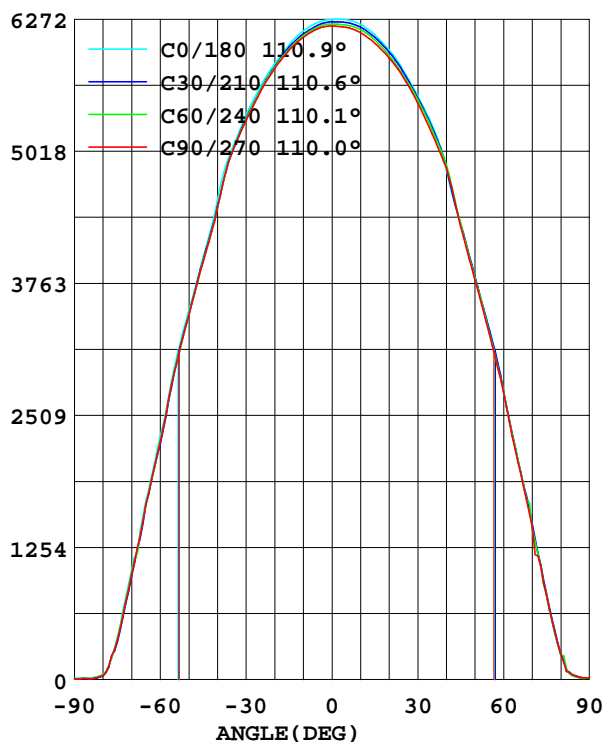
| | | | |
|----------------|------------|-------------|--|
| MANUFACTURER: | Address: | | |
| NAME: | TYPE: | WEIGHT: | |
| SPECIFICATION: | DIMENSION: | SERIAL No.: | |

| | | | | | |
|------------------|---------|--------------------|---------|------------------|-------|
| DATA OF LAMP | | Imax(cd) | 6272 | S/MH(C0/180) | 1.27 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.27 |
| NOMINAL POWER(W) | 152 | TOTAL FLUX(lm) | 16578 | Voltage(V) | 219.1 |
| RATED VOLTAGE(V) | 220 | EFFICIENCY(lm/W) | 109.1 | Current(A) | 0.717 |
| NOMINAL FLUX(lm) | 16577.7 | η up(%) | 0.0 | Power(W) | 151.8 |
| LAMPS QUANTITY | 1 | η down(%) | 100.0 | Power Factor(PF) | 0.966 |
| TEST VOLTAGE(V) | 219.2 | Effective Flux(lm) | 16345.4 | EEI | 0.127 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

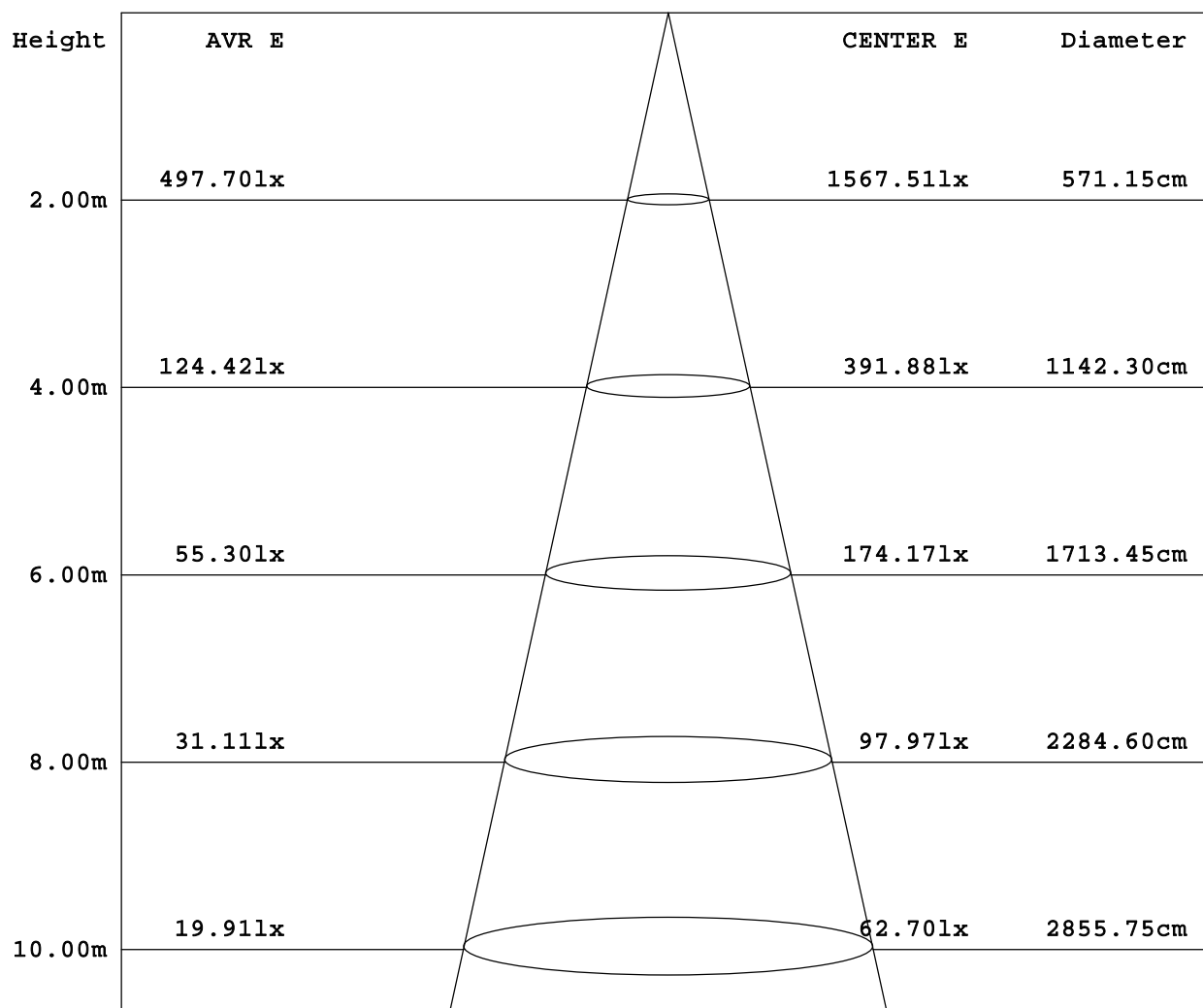
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
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Angle:110.0deg

Test System:HOPOO HPG1900
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ZONAL FLUX DIAGRAM

Report number:

| | | |
|-----------------------|-------------------|--------------------|
| MANUFACTURER: | Address: | |
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| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | zone | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 5.0 | 6239 | 6203 | 6179 | 6161 | 6267 | 6228 | 6194 | 6166 | 0- 5 | 148.4 | 148.4 |
| 10.0 | 6161 | 6124 | 6102 | 6086 | 6224 | 6185 | 6145 | 6116 | 5- 10 | 441.3 | 589.8 |
| 15.0 | 6027 | 5995 | 5976 | 5967 | 6125 | 6088 | 6043 | 6014 | 10- 15 | 721.5 | 1311 |
| 20.0 | 5849 | 5816 | 5799 | 5799 | 5979 | 5942 | 5904 | 5861 | 15- 20 | 979.7 | 2291 |
| 25.0 | 5631 | 5596 | 5583 | 5586 | 5784 | 5753 | 5721 | 5671 | 20- 25 | 1209 | 3500 |
| 30.0 | 5364 | 5325 | 5308 | 5323 | 5546 | 5518 | 5475 | 5432 | 25- 30 | 1401 | 4901 |
| 35.0 | 5033 | 4999 | 4998 | 4999 | 5269 | 5233 | 5182 | 5136 | 30- 35 | 1548 | 6449 |
| 40.0 | 4547 | 4481 | 4474 | 4481 | 4838 | 4877 | 4856 | 4794 | 35- 40 | 1633 | 8081 |
| 45.0 | 4017 | 3981 | 3966 | 3988 | 4326 | 4331 | 4304 | 4256 | 40- 45 | 1629 | 9710 |
| 50.0 | 3508 | 3464 | 3456 | 3487 | 3819 | 3820 | 3790 | 3745 | 45- 50 | 1570 | 11281 |
| 55.0 | 2962 | 2923 | 2919 | 2971 | 3325 | 3306 | 3283 | 3238 | 50- 55 | 1467 | 12748 |
| 60.0 | 2314 | 2259 | 2258 | 2302 | 2746 | 2744 | 2733 | 2660 | 55- 60 | 1298 | 14046 |
| 65.0 | 1701 | 1665 | 1661 | 1688 | 2075 | 2089 | 2067 | 2005 | 60- 65 | 1057 | 15103 |
| 70.0 | 1035 | 996.0 | 991.4 | 1048 | 1422 | 1454 | 1447 | 1378 | 65- 70 | 782.3 | 15886 |
| 75.0 | 403.8 | 375.4 | 373.7 | 421.8 | 810.7 | 821.9 | 805.4 | 757.4 | 70- 75 | 469.3 | 16355 |
| 80.0 | 51.44 | 42.28 | 37.58 | 53.40 | 228.7 | 245.4 | 236.9 | 218.0 | 75- 80 | 181.9 | 16537 |
| 85.0 | 13.06 | 10.85 | 8.604 | 10.51 | 28.65 | 32.94 | 35.89 | 25.88 | 80- 85 | 33.09 | 16570 |
| 90.0 | 10.83 | 9.468 | 7.920 | 9.000 | 15.87 | 15.15 | 16.81 | 14.76 | 85- 90 | 7.753 | 16578 |
| 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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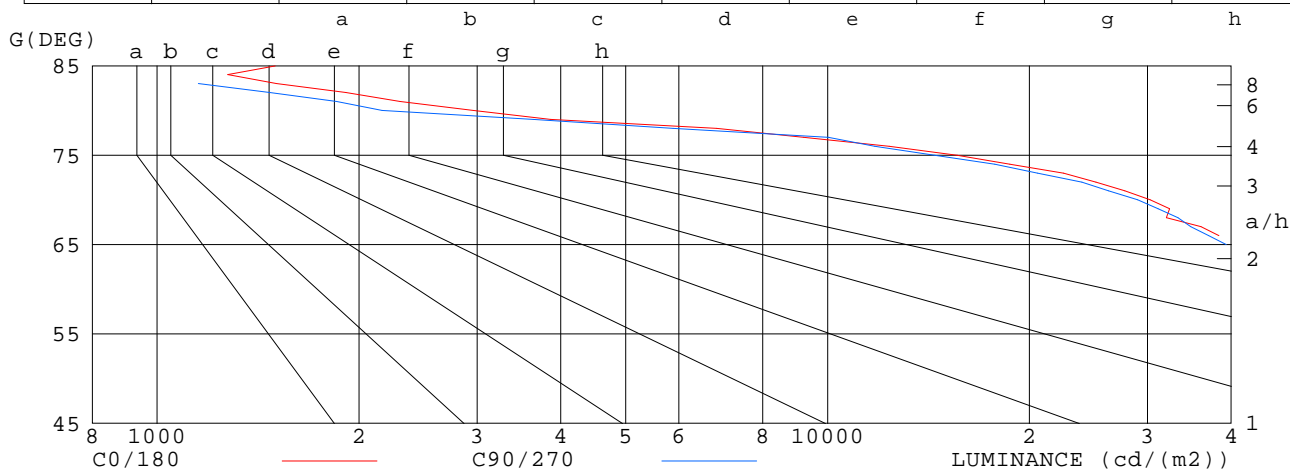
LUMINANCE LIMITATION CURVES

Report number:

| | | |
|-----------------------|-------------------|--------------------|
| MANUFACTURER: | Address: | |
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LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) | | | | | | | |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
| | | 2000 | 1000 | 500 | <=300 | | | | |
| 1.15 | A | | | | | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |



| G (DEG) | LUMINANCE cd/(m2) | |
|---------|-------------------|---------|
| | C0/180 | C90/270 |
| 85 | 1499 | 987 |
| 80 | 2963 | 2164 |
| 75 | 15605 | 14439 |
| 70 | 30261 | 28989 |
| 65 | 40254 | 39303 |
| 60 | 46284 | 45158 |
| 55 | 51635 | 50892 |
| 50 | 54578 | 53770 |
| 45 | 56802 | 56083 |

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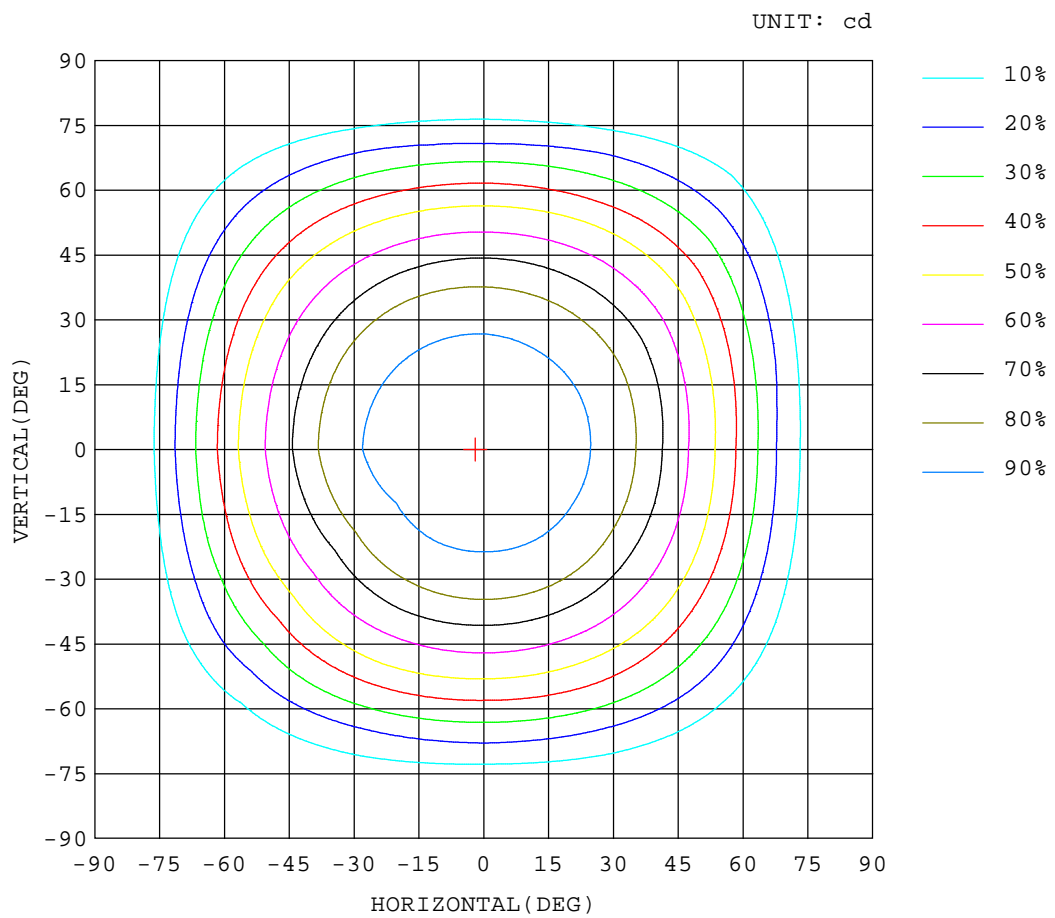
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ISOCANDELA DIAGRAM

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