

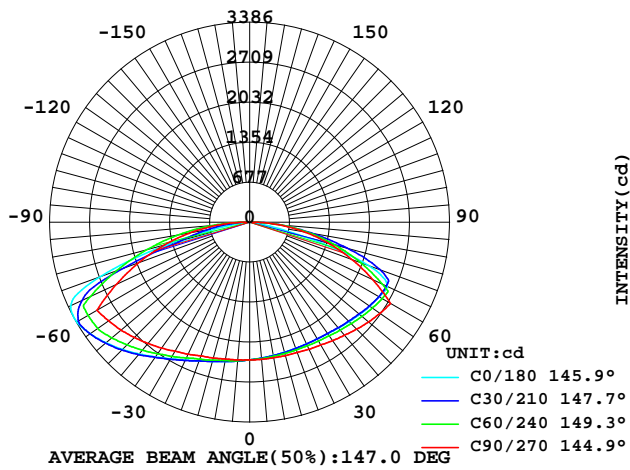
# STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

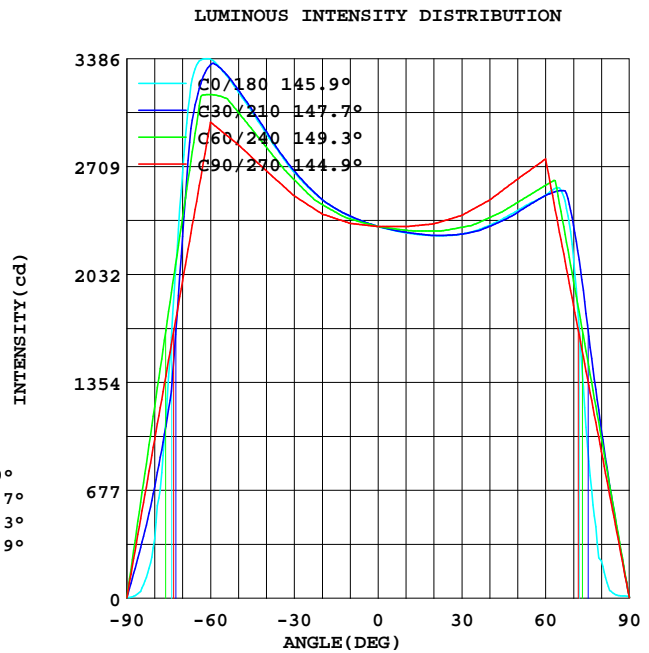
|                |            |             |
|----------------|------------|-------------|
| MANUFACTURER:  | Address:   |             |
| NAME:          | TYPE:      | WEIGHT:     |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

|                   |         |                   |         |                     |         |
|-------------------|---------|-------------------|---------|---------------------|---------|
| MODEL:            |         | Imax(cd):         | 3406    | Effective Flux(lm): | 12902.7 |
| NOMINAL POWER(W): | 90      | MAXIMUM(C, γ):    | 5, 61.5 | EEI                 | 0.095   |
| RATED VOLTAGE(V): | 220     | EFFICIENCY(%):    | 100.0   | Voltage(V)          | 219.6   |
| NOMINAL FLUX(lm): | 12979.6 | η street_up(%):   | 0.0     | Current(A)          | 0.418   |
| TEST FLUX(lm):    | 12980   | η street_down(%): | 50.5    | Power(W)            | 90.16   |
| LAMPS QUANTITY:   | 1       | η house_up(%):    | 0.0     | Power Factor        | 0.980   |
| TOTAL FLUX(lm):   | 12980   | η house_down(%):  | 49.5    | EEFICIENCY(lm/W)    | 143.9   |

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:

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## Color Temperature Data List

Report number:

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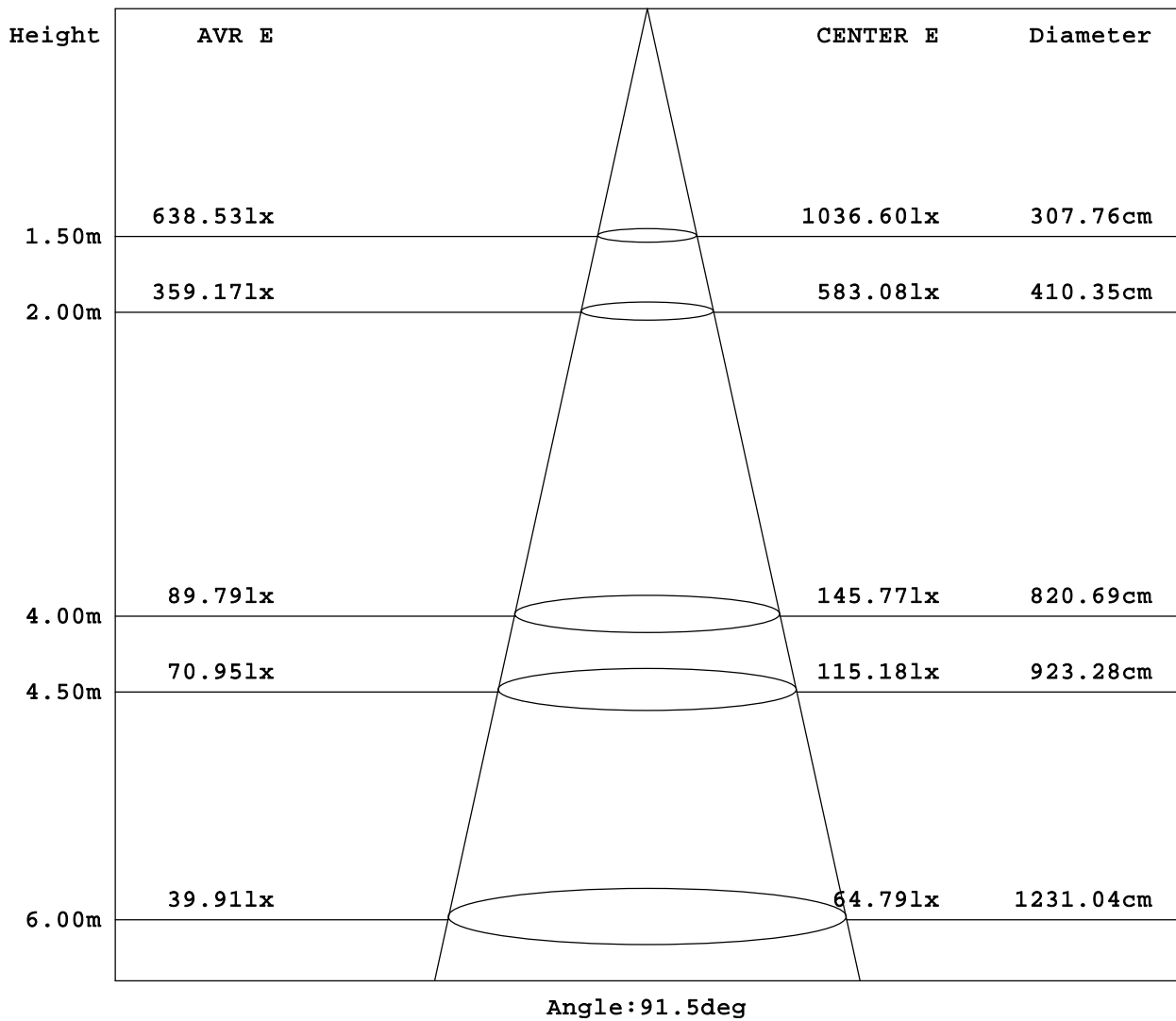
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2023年06月02日

Test Set: 5.0deg/s B-Beta (TYPE B)  
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## AVERAGE AND CENTER E Figure

Report number:

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



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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   | 2361                  | 2360  | 2342  | 2323  | 2310  | 2316  | 2332  | 2352  | 0- 5    | 55.83   | 55.83 |
| 10.0  | 2396                  | 2391  | 2353  | 2316  | 2293  | 2301  | 2332  | 2374  | 5- 10   | 167.4   | 223.3 |
| 15.0  | 2442                  | 2432  | 2382  | 2315  | 2281  | 2292  | 2341  | 2403  | 10- 15  | 279.1   | 502.5 |
| 20.0  | 2501                  | 2493  | 2411  | 2329  | 2276  | 2289  | 2349  | 2443  | 15- 20  | 391.3   | 893.8 |
| 25.0  | 2578                  | 2565  | 2468  | 2345  | 2276  | 2290  | 2376  | 2492  | 20- 25  | 504.4   | 1398  |
| 30.0  | 2672                  | 2659  | 2525  | 2375  | 2285  | 2300  | 2403  | 2560  | 25- 30  | 619.7   | 2018  |
| 35.0  | 2787                  | 2771  | 2603  | 2416  | 2307  | 2321  | 2451  | 2643  | 30- 35  | 737.6   | 2756  |
| 40.0  | 2915                  | 2890  | 2682  | 2460  | 2342  | 2348  | 2499  | 2735  | 35- 40  | 858.8   | 3615  |
| 45.0  | 3047                  | 3013  | 2763  | 2515  | 2384  | 2394  | 2565  | 2839  | 40- 45  | 981.5   | 4596  |
| 50.0  | 3177                  | 3129  | 2845  | 2565  | 2433  | 2442  | 2631  | 2938  | 45- 50  | 1104    | 5700  |
| 55.0  | 3295                  | 3232  | 2916  | 2612  | 2483  | 2492  | 2693  | 3036  | 50- 55  | 1222    | 6922  |
| 60.0  | 3382                  | 3275  | 2987  | 2648  | 2530  | 2538  | 2756  | 3118  | 55- 60  | 1330    | 8252  |
| 65.0  | 3347                  | 2959  | 2489  | 2566  | 2575  | 2575  | 2297  | 3090  | 60- 65  | 1386    | 9639  |
| 70.0  | 2670                  | 2420  | 1992  | 2223  | 2141  | 2344  | 1838  | 2746  | 65- 70  | 1283    | 10922 |
| 75.0  | 1389                  | 1779  | 1495  | 1649  | 952.3 | 1778  | 1380  | 2069  | 70- 75  | 985.6   | 11907 |
| 80.0  | 373.8                 | 1160  | 997.1 | 1085  | 235.3 | 1194  | 920.6 | 1379  | 75- 80  | 622.3   | 12530 |
| 85.0  | 43.98                 | 574.1 | 499.6 | 537.8 | 23.70 | 599.8 | 461.7 | 690.4 | 80- 85  | 339.3   | 12869 |
| 90.0  | 5.181                 | 2.205 | 2.205 | 2.646 | 12.45 | 3.307 | 2.866 | 2.094 | 85- 90  | 110.4   | 12980 |
| 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 |       |

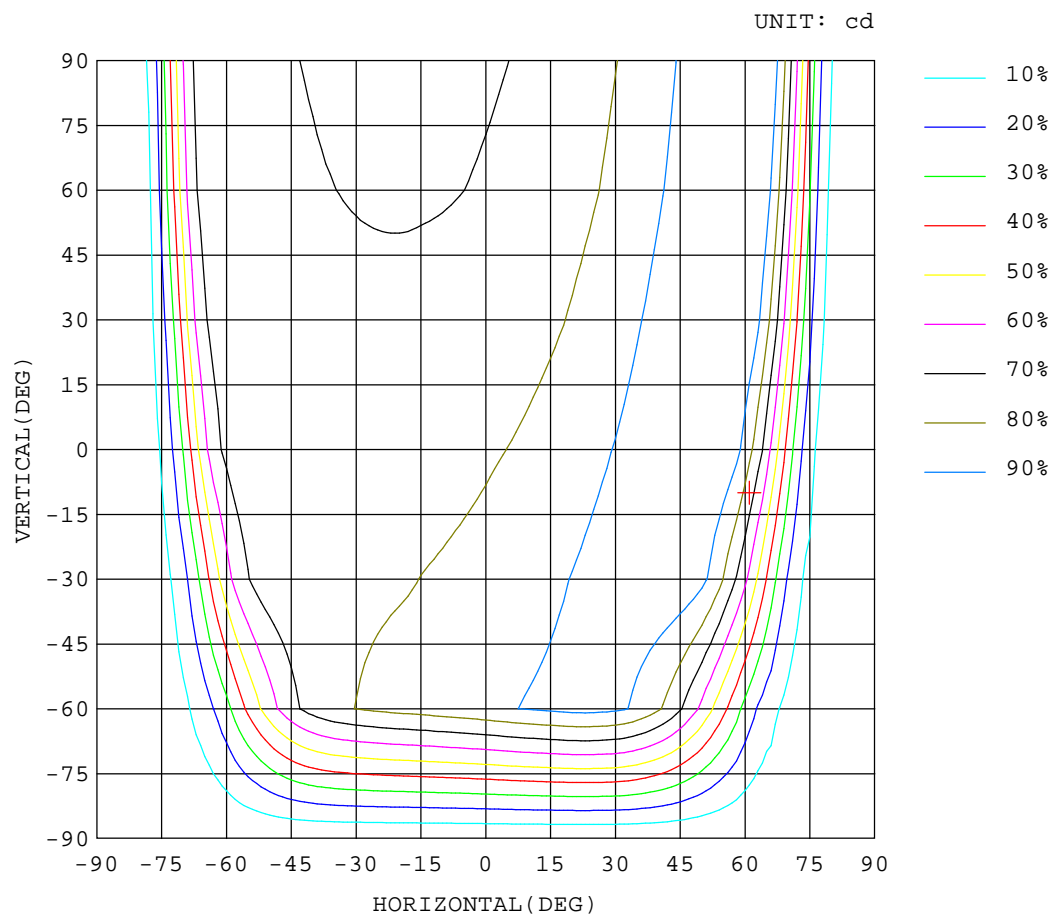
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023年06月02日

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

## ISOCANDELA DIAGRAM

Report number:

|                |            |             |
|----------------|------------|-------------|
| MANUFACTURER:  | Address:   |             |
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| SPECIFICATION: | DIMENSION: | SERIAL No.: |



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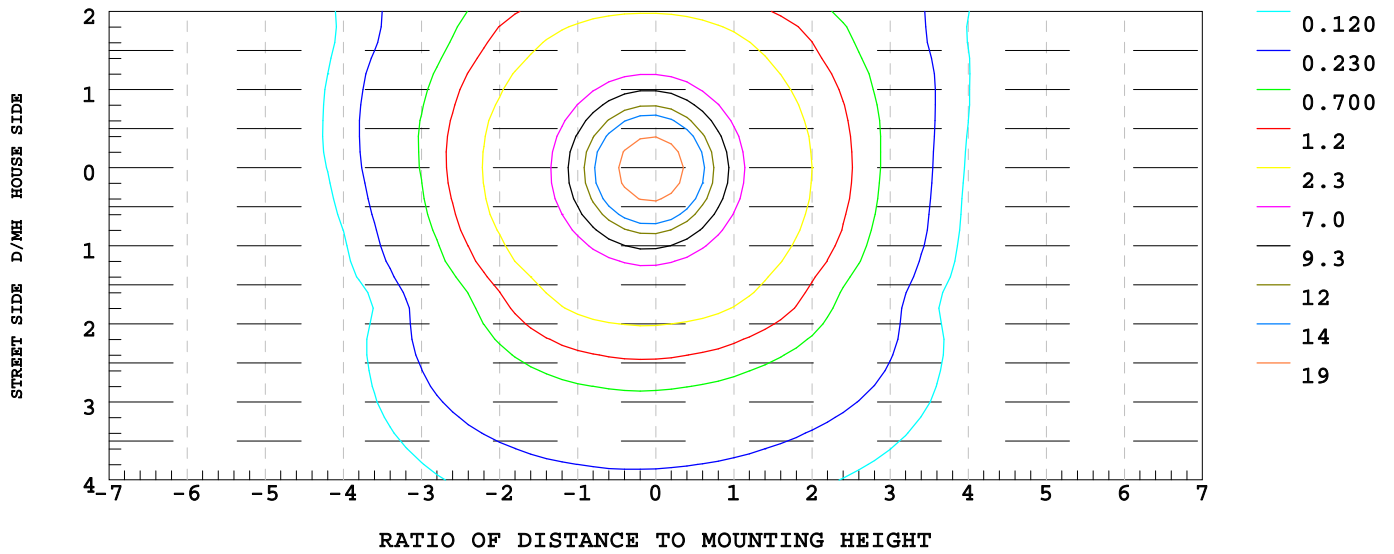
Test Set: 5.0deg/s B-Beta (TYPE B)  
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# ISOLUX DIAGRAM

Report number:

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ILLUMINANCE AT MH=10 m,Enadir = 23.32 lx



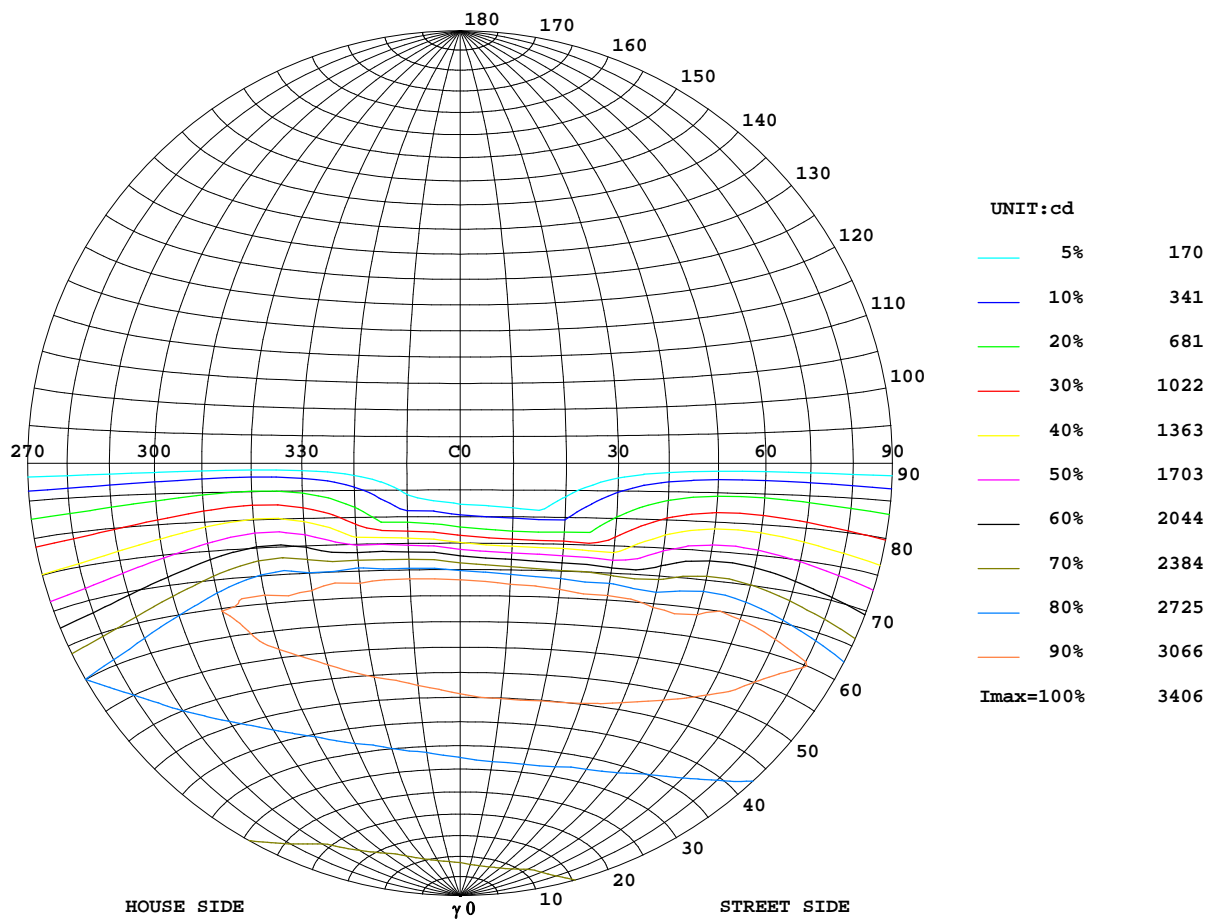
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
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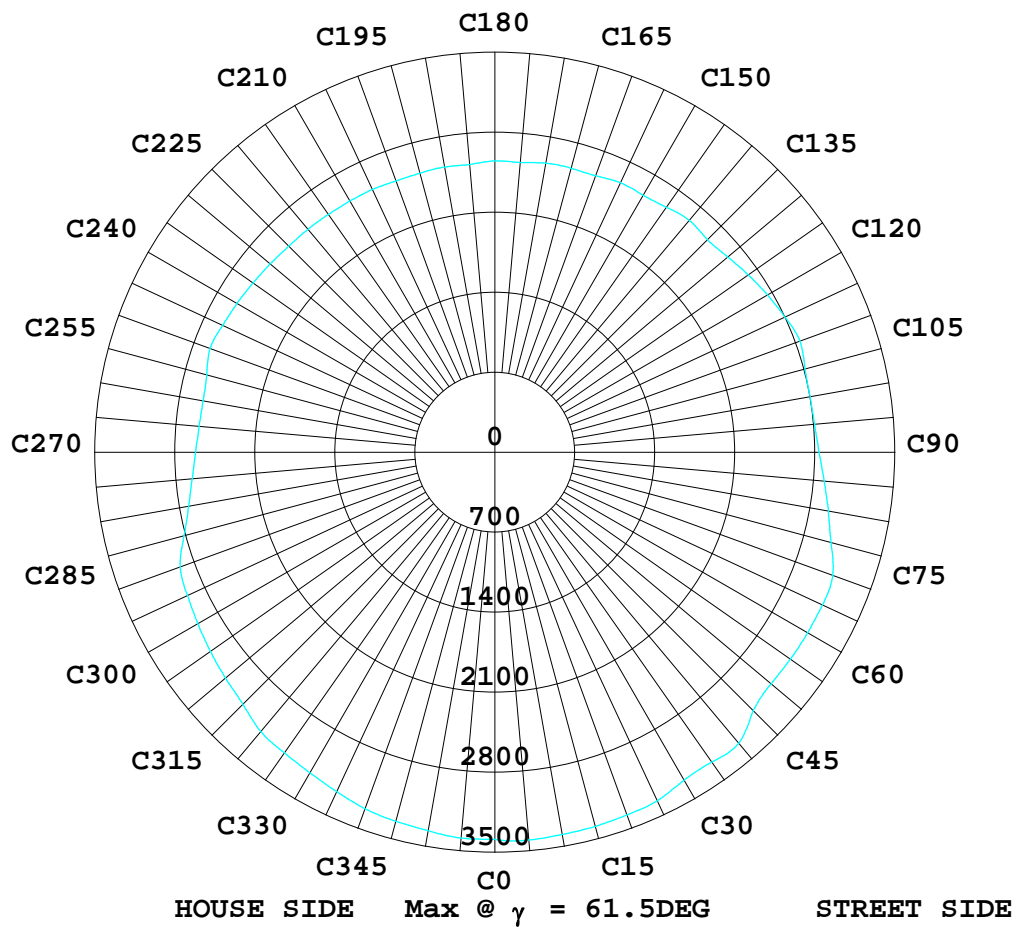
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Remarks:



## 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 |     |     |             |     |
| x = 2H y = 2H                                      |     |     |     |     |     | Viewed endwise   |     |     |             |     |
| 3H   |     |     |     |     |     | 30.0             |     |     |             |     |
| 4H   |     |     |     |     |     | 30.8             |     |     |             |     |
| 6H   |     |     |     |     |     | 31.5             |     |     |             |     |
| 8H   |     |     |     |     |     | 31.7             |     |     |             |     |
| 12H  |     |     |     |     |     | 31.9             |     |     |             |     |
| 4H 2H  |     |     |     |     |     | 29.0             |     |     |             |     |
| 3H   |     |     |     |     |     | 31.3             |     |     |             |     |
| 4H   |     |     |     |     |     | 32.2             |     |     |             |     |
| 6H   |     |     |     |     |     | 33.0             |     |     |             |     |
| 8H   |     |     |     |     |     | 33.3             |     |     |             |     |
| 12H  |     |     |     |     |     | 33.5             |     |     |             |     |
| 8H 4H  |     |     |     |     |     | 32.6             |     |     |             |     |
| 6H   |     |     |     |     |     | 33.7             |     |     |             |     |
| 8H   |     |     |     |     |     | 34.1             |     |     |             |     |
| 12H  |     |     |     |     |     | 34.4             |     |     |             |     |
| 12H 4H   |     |     |     |     |     | 32.7             |     |     |             |     |
| 6H   |     |     |     |     |     | 33.8             |     |     |             |     |
| 8H   |     |     |     |     |     | 34.3             |     |     |             |     |
| Variations with the observer position at spacings: |     |     |     |     |     |                  |     |     |             |     |
| S = 1.0H   |     |     |     |     |     | + 0.0 / - 0.1    |     |     |             |     |
| 1.5H   |     |     |     |     |     | + 0.2 / - 0.3    |     |     |             |     |
| 2.0H   |     |     |     |     |     | + 0.5 / - 0.5    |     |     |             |     |

CIE Pub.117 Corrected 12980 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.9)

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