

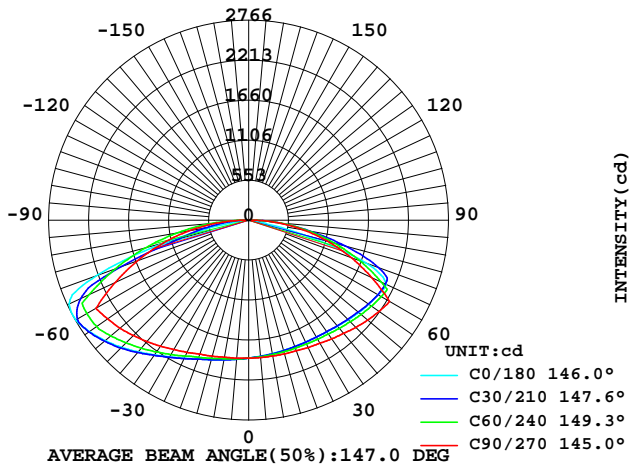
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

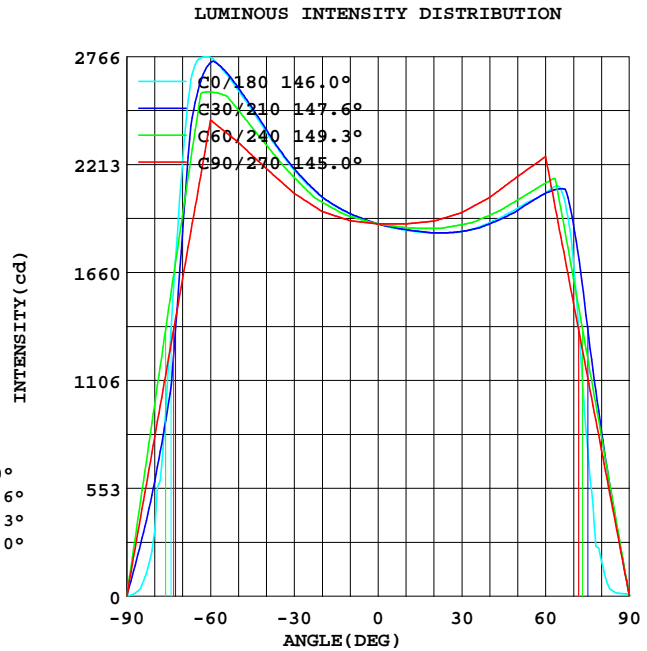
| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| | | | | | |
|-------------------|---------|------------------------|---------|---------------------|---------|
| MODEL: | | Imax(cd): | 2784 | Effictive Flux(lm): | 10549.8 |
| NOMINAL POWER(W): | 70 | MAXIMUM(C, γ): | 5, 61.5 | EEI | 0.090 |
| RATED VOLTAGE(V): | 220 | EFFICIENCY(%): | 100.0 | Voltage(V) | 219.8 |
| NOMINAL FLUX(lm): | 10612.8 | η street_up(%): | 0.0 | Current(A) | 0.328 |
| TEST FLUX(lm): | 10613 | η street_down(%): | 50.5 | Power(W) | 69.91 |
| LAMPS QUANTITY: | 1 | η house_up(%): | 0.0 | Power Factor | 0.968 |
| TOTAL FLUX(lm): | 10613 | η house_down(%): | 49.5 | EEFICIENCY(lm/W) | 151.8 |

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.: |

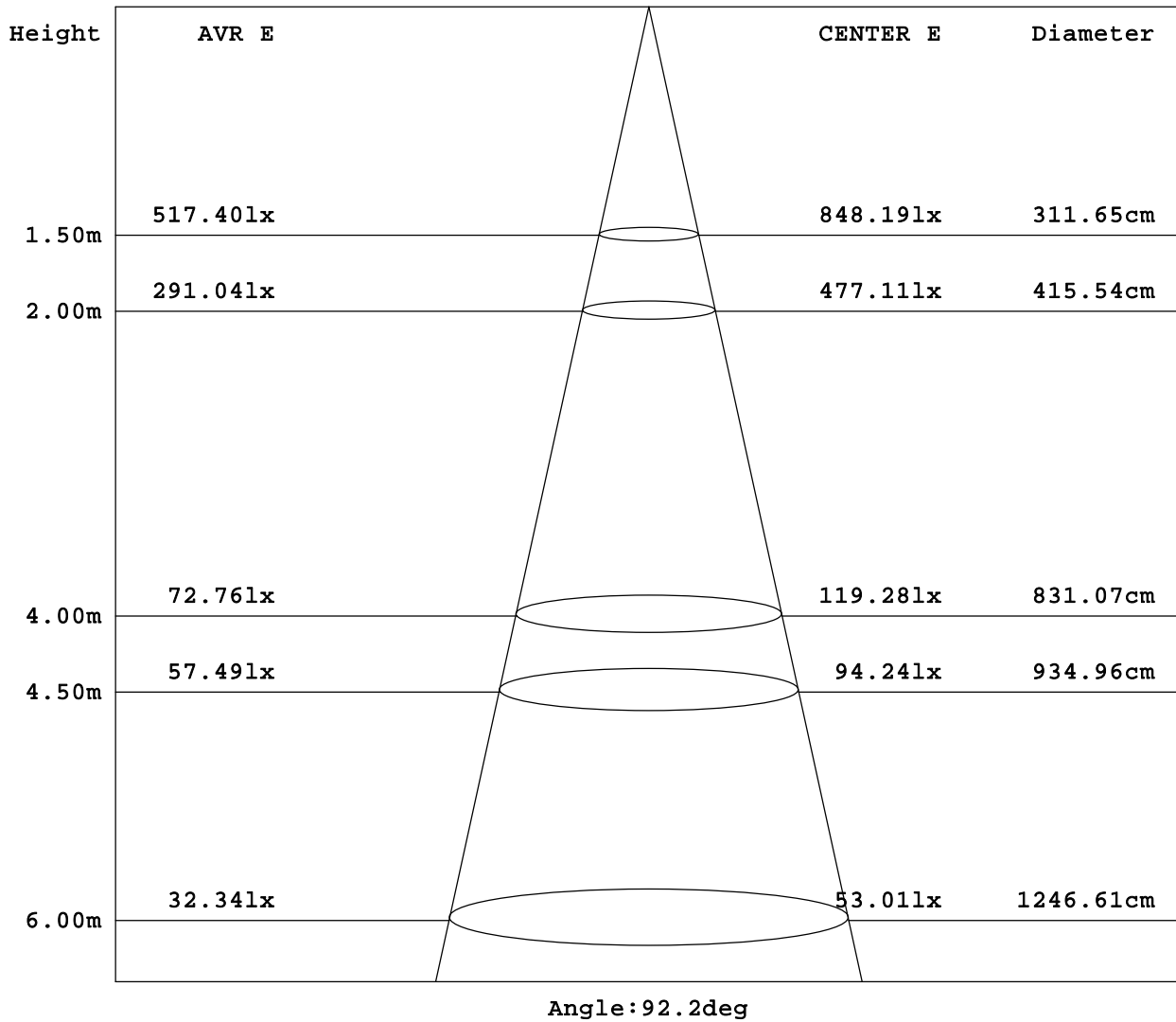
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2023年06月02日

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 | 1931 | 1930 | 1917 | 1900 | 1890 | 1895 | 1909 | 1924 | 0- 5 | 45.68 | 45.68 |
| 10.0 | 1960 | 1956 | 1925 | 1895 | 1876 | 1883 | 1909 | 1943 | 5- 10 | 137.0 | 182.7 |
| 15.0 | 1998 | 1989 | 1948 | 1894 | 1867 | 1876 | 1916 | 1966 | 10- 15 | 228.4 | 411.1 |
| 20.0 | 2044 | 2039 | 1972 | 1905 | 1862 | 1873 | 1923 | 1999 | 15- 20 | 320.1 | 731.3 |
| 25.0 | 2107 | 2097 | 2018 | 1918 | 1862 | 1874 | 1945 | 2039 | 20- 25 | 412.6 | 1144 |
| 30.0 | 2185 | 2173 | 2065 | 1942 | 1870 | 1883 | 1967 | 2093 | 25- 30 | 506.9 | 1651 |
| 35.0 | 2276 | 2264 | 2128 | 1975 | 1887 | 1898 | 2005 | 2162 | 30- 35 | 603.2 | 2254 |
| 40.0 | 2379 | 2363 | 2192 | 2010 | 1915 | 1921 | 2044 | 2238 | 35- 40 | 702.1 | 2956 |
| 45.0 | 2490 | 2463 | 2259 | 2054 | 1949 | 1958 | 2098 | 2322 | 40- 45 | 802.2 | 3758 |
| 50.0 | 2592 | 2556 | 2326 | 2095 | 1989 | 1998 | 2152 | 2401 | 45- 50 | 901.9 | 4660 |
| 55.0 | 2688 | 2641 | 2383 | 2133 | 2029 | 2037 | 2202 | 2482 | 50- 55 | 998.5 | 5659 |
| 60.0 | 2762 | 2679 | 2441 | 2161 | 2067 | 2074 | 2253 | 2551 | 55- 60 | 1087 | 6746 |
| 65.0 | 2740 | 2427 | 2034 | 2091 | 2099 | 2103 | 1878 | 2528 | 60- 65 | 1133 | 7879 |
| 70.0 | 2226 | 1990 | 1628 | 1809 | 1714 | 1914 | 1503 | 2247 | 65- 70 | 1049 | 8928 |
| 75.0 | 1187 | 1465 | 1221 | 1341 | 765.9 | 1451 | 1128 | 1694 | 70- 75 | 806.4 | 9734 |
| 80.0 | 333.0 | 956.2 | 814.8 | 881.9 | 183.0 | 973.4 | 752.6 | 1130 | 75- 80 | 509.8 | 10244 |
| 85.0 | 40.90 | 471.9 | 408.3 | 438.1 | 19.40 | 489.4 | 377.4 | 565.2 | 80- 85 | 278.0 | 10522 |
| 90.0 | 4.851 | 1.764 | 1.874 | 2.205 | 11.46 | 2.756 | 2.315 | 1.764 | 85- 90 | 90.49 | 10613 |
| 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 | |

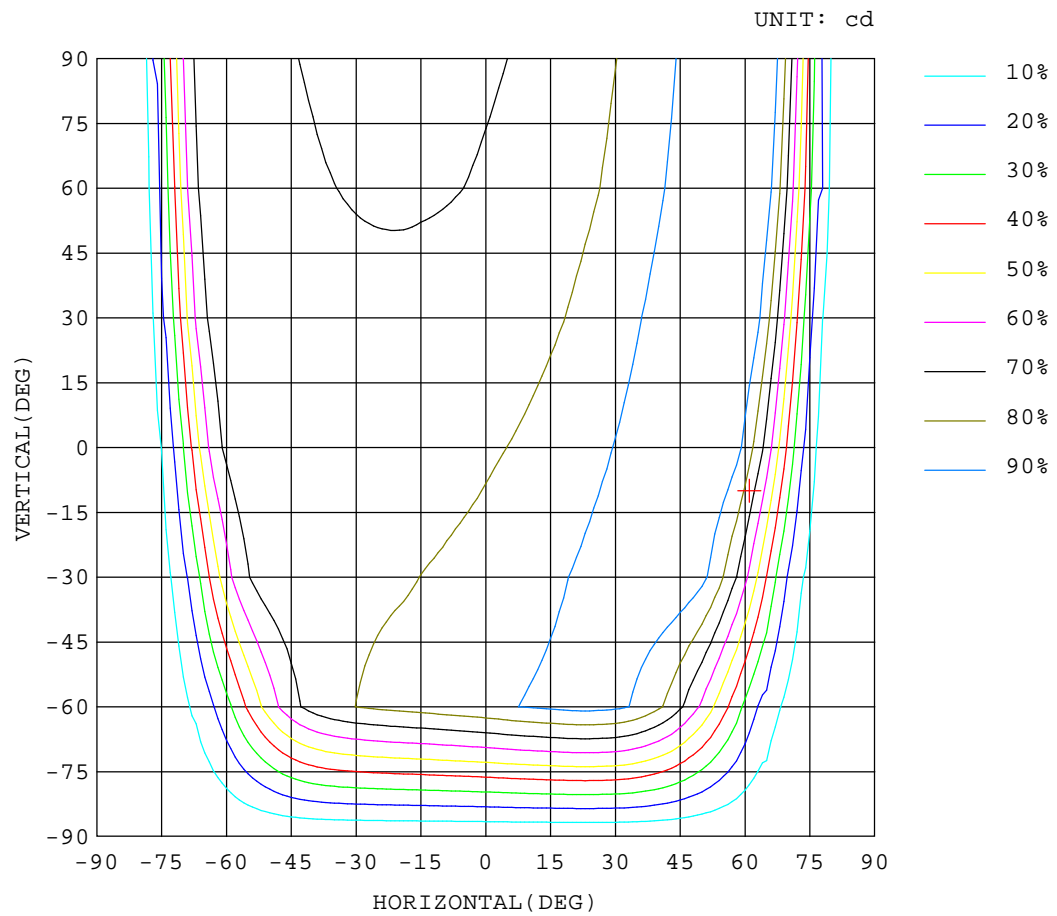
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2023年06月02日

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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Temperature:25.3DEG
Operators:
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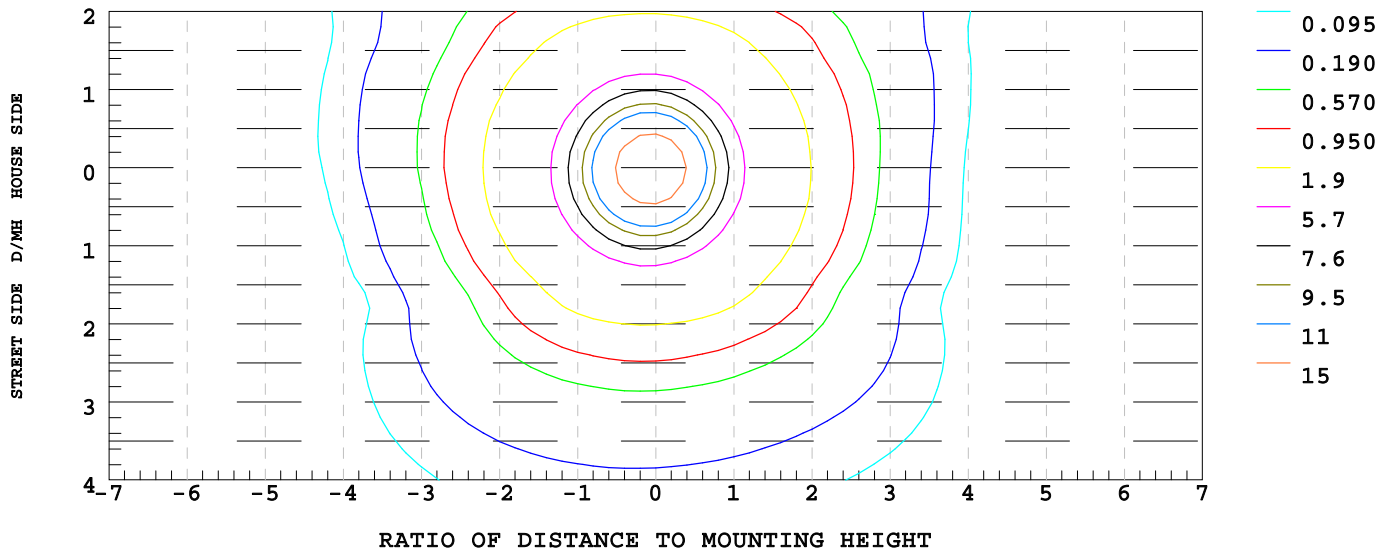
Test Set: 5.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
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ILLUMINANCE AT MH=10 m,Enadir = 19.08 lx



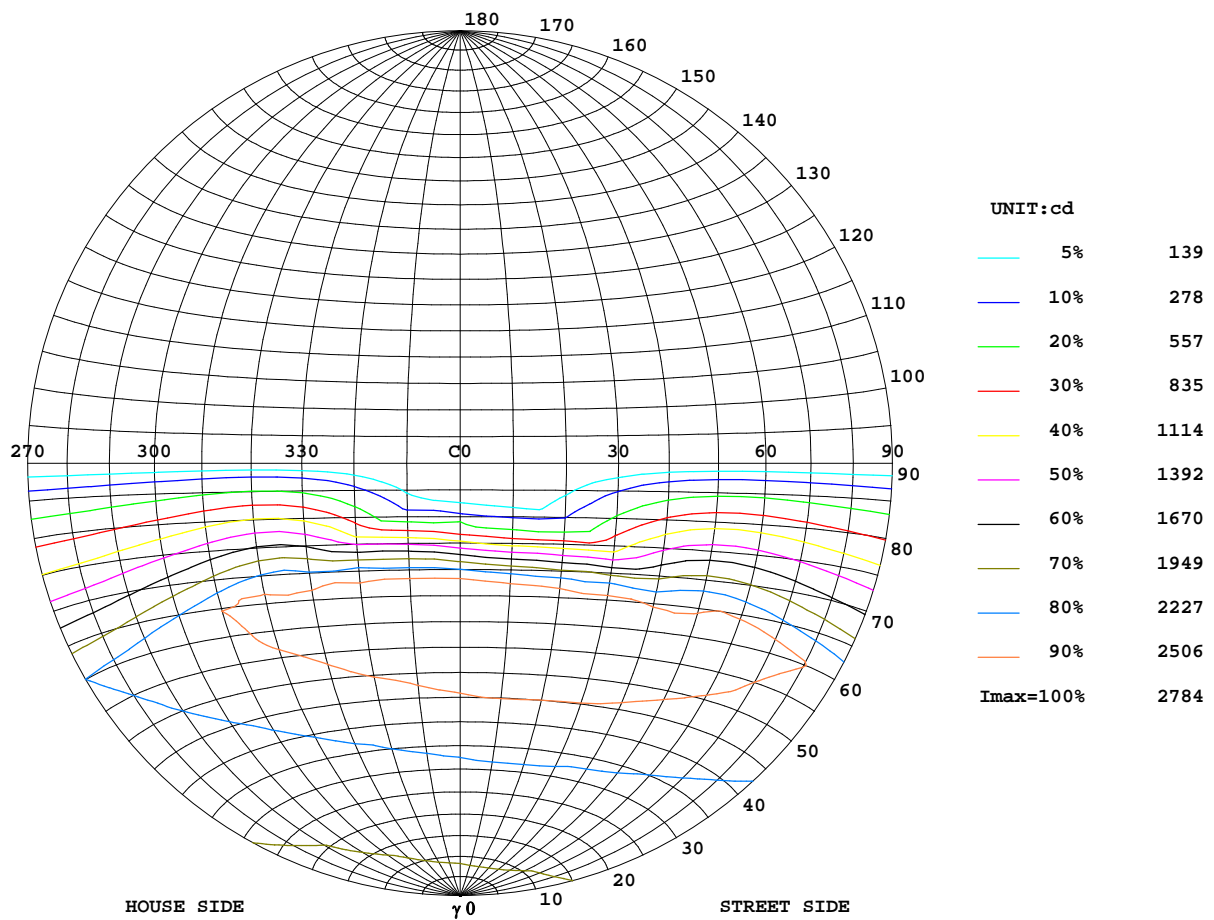
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ISOCANDELA DIAGRAM

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| MANUFACTURER: | Address: | |
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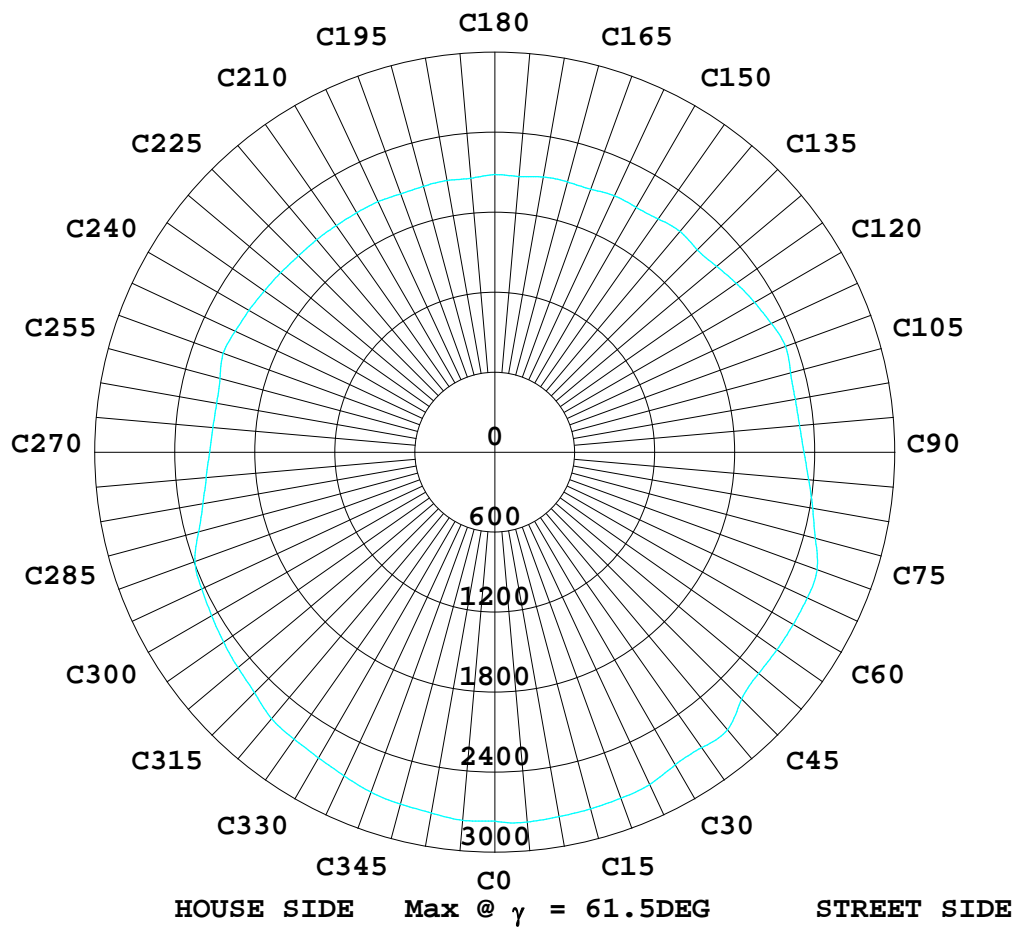
Test System:HOP00 HPG1900
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Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
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 Remarks:

ISOCANDELA DIAGRAM

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)
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 | 27.8 | 29.6 | 28.1 | 29.8 | 30.0 | 27.2 | 28.9 | 27.5 | 29.2 | 29.4 |
| 3H | 30.4 | 32.0 | 30.7 | 32.3 | 32.5 | 29.3 | 30.9 | 29.6 | 31.2 | 31.4 |
| 4H | 30.9 | 32.5 | 31.3 | 32.8 | 33.0 | 30.1 | 31.7 | 30.5 | 32.0 | 32.2 |
| 6H | 31.0 | 32.5 | 31.3 | 32.8 | 33.0 | 30.8 | 32.3 | 31.1 | 32.6 | 32.9 |
| 8H | 30.9 | 32.4 | 31.3 | 32.7 | 33.0 | 31.0 | 32.5 | 31.4 | 32.8 | 33.1 |
| 12H | 30.9 | 32.3 | 31.3 | 32.6 | 32.9 | 31.2 | 32.6 | 31.6 | 32.9 | 33.2 |
| 4H 2H | 28.7 | 30.3 | 29.1 | 30.6 | 30.8 | 28.3 | 29.9 | 28.6 | 30.1 | 30.4 |
| 3H | 31.2 | 32.6 | 31.6 | 32.9 | 33.2 | 30.6 | 32.0 | 30.9 | 32.3 | 32.6 |
| 4H | 31.8 | 33.0 | 32.1 | 33.4 | 33.7 | 31.5 | 32.8 | 31.9 | 33.1 | 33.5 |
| 6H | 31.9 | 33.0 | 32.3 | 33.3 | 33.7 | 32.3 | 33.4 | 32.7 | 33.8 | 34.2 |
| 8H | 31.8 | 32.9 | 32.2 | 33.3 | 33.7 | 32.6 | 33.7 | 33.0 | 34.0 | 34.4 |
| 12H | 31.8 | 32.8 | 32.2 | 33.2 | 33.6 | 32.8 | 33.8 | 33.3 | 34.2 | 34.6 |
| 8H 4H | 32.1 | 33.2 | 32.5 | 33.6 | 34.0 | 32.0 | 33.0 | 32.4 | 33.4 | 33.8 |
| 6H | 32.4 | 33.2 | 32.8 | 33.7 | 34.1 | 33.0 | 33.9 | 33.4 | 34.3 | 34.7 |
| 8H | 32.4 | 33.2 | 32.8 | 33.6 | 34.1 | 33.4 | 34.2 | 33.9 | 34.6 | 35.1 |
| 12H | 32.4 | 33.0 | 32.8 | 33.5 | 34.0 | 33.7 | 34.4 | 34.2 | 34.9 | 35.4 |
| 12H 4H | 32.2 | 33.2 | 32.6 | 33.6 | 34.0 | 32.0 | 32.9 | 32.4 | 33.3 | 33.7 |
| 6H | 32.5 | 33.3 | 33.0 | 33.7 | 34.2 | 33.1 | 33.9 | 33.5 | 34.3 | 34.7 |
| 8H | 32.6 | 33.3 | 33.1 | 33.7 | 34.2 | 33.6 | 34.3 | 34.0 | 34.7 | 35.2 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.0 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.5 / - 0.4 | | | | | + 0.4 / - 0.6 | | | | |

CIE Pub.117 Corrected 10613 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.2)

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