

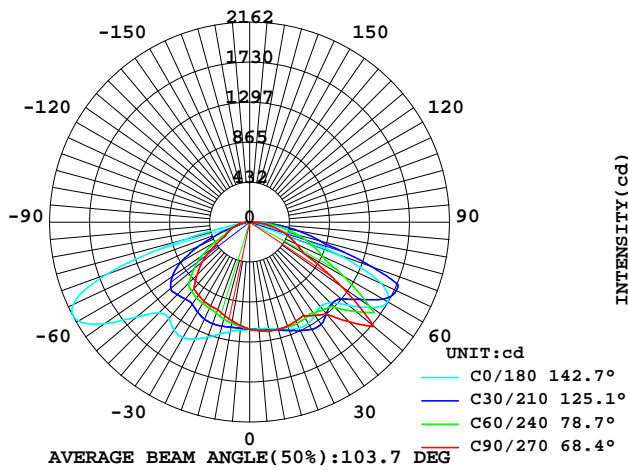
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

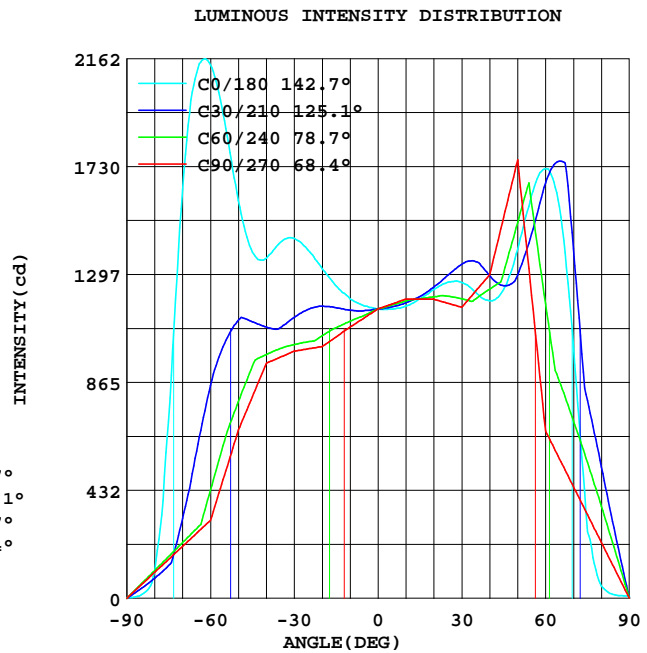
| | | |
|----------------|------------|-------------|
| MANUFACTURER: | Address: | |
| NAME: | TYPE: | WEIGHT: |
| SPECIFICATION: | DIMENSION: | SERIAL No.: |

| | | | | | |
|-------------------|--------|------------------------|-----------|---------------------|--------|
| MODEL: | | Imax(cd): | 2433 | Effective Flux(lm): | 4968.0 |
| NOMINAL POWER(W): | 30 | MAXIMUM(C, γ): | 350, 64.5 | EEI | 0.085 |
| RATED VOLTAGE(V): | 220 | EFFICIENCY(%): | 100.0 | Voltage(V) | 220.1 |
| NOMINAL FLUX(lm): | 5126.6 | η street_up(%): | 0.0 | Current(A) | 0.144 |
| TEST FLUX(lm): | 5127 | η street_down(%): | 38.2 | Power(W) | 30.84 |
| LAMPS QUANTITY: | 1 | η house_up(%): | 0.0 | Power Factor | 0.969 |
| TOTAL FLUX(lm): | 5127 | η house_down(%): | 61.8 | EEFICIENCY(lm/W) | 166.2 |

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01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:

| | | |
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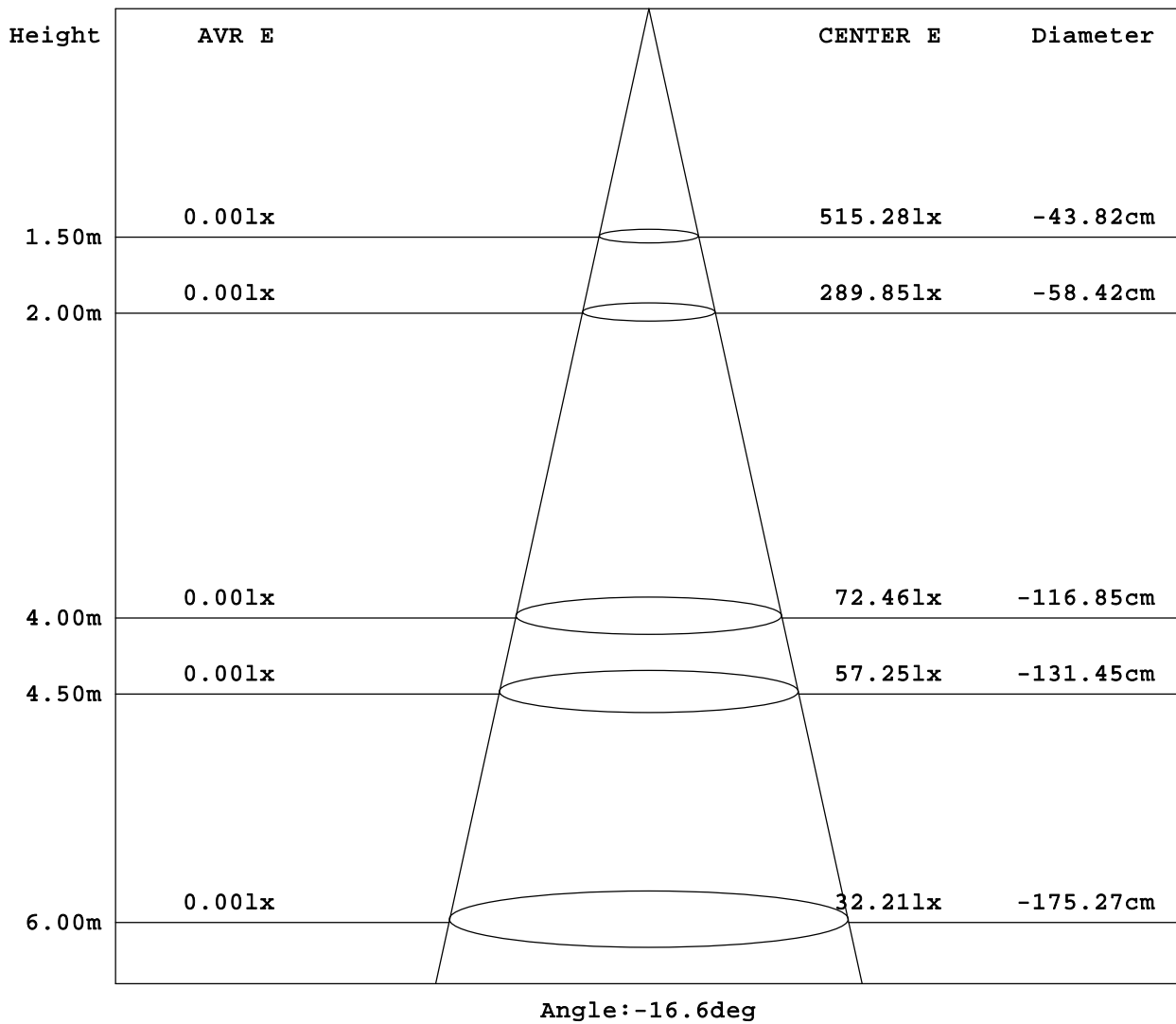
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Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

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AVERAGE AND CENTER E Figure

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Temperature:25.3DEG
Operators:
Test Date:2023年06月01日

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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 | 1172 | 1142 | 1123 | 1132 | 1158 | 1171 | 1179 | 1181 | 0- 5 | 27.67 | 27.67 |
| 10.0 | 1200 | 1130 | 1086 | 1110 | 1172 | 1187 | 1198 | 1204 | 5- 10 | 82.87 | 110.5 |
| 15.0 | 1250 | 1122 | 1047 | 1089 | 1200 | 1207 | 1198 | 1230 | 10- 15 | 138.0 | 248.5 |
| 20.0 | 1320 | 1101 | 1009 | 1061 | 1237 | 1224 | 1198 | 1247 | 15- 20 | 192.6 | 441.1 |
| 25.0 | 1395 | 1070 | 999.3 | 1024 | 1266 | 1250 | 1182 | 1273 | 20- 25 | 246.5 | 687.7 |
| 30.0 | 1442 | 1047 | 989.9 | 1005 | 1265 | 1264 | 1166 | 1291 | 25- 30 | 299.1 | 986.8 |
| 35.0 | 1425 | 1040 | 965.7 | 1003 | 1226 | 1247 | 1231 | 1289 | 30- 35 | 348.1 | 1335 |
| 40.0 | 1363 | 1034 | 941.6 | 993.6 | 1191 | 1217 | 1296 | 1274 | 35- 40 | 392.0 | 1727 |
| 45.0 | 1387 | 1002 | 807.6 | 937.6 | 1238 | 1251 | 1526 | 1339 | 40- 45 | 434.9 | 2162 |
| 50.0 | 1593 | 954.4 | 673.6 | 860.1 | 1398 | 1300 | 1756 | 1419 | 45- 50 | 487.3 | 2649 |
| 55.0 | 1914 | 785.5 | 493.0 | 679.4 | 1615 | 1493 | 1213 | 1575 | 50- 55 | 532.0 | 3182 |
| 60.0 | 2137 | 593.8 | 312.4 | 487.4 | 1722 | 1613 | 670.0 | 1628 | 55- 60 | 527.1 | 3709 |
| 65.0 | 2105 | 376.6 | 260.3 | 309.1 | 1569 | 1288 | 558.4 | 1063 | 60- 65 | 484.8 | 4193 |
| 70.0 | 1637 | 224.2 | 208.2 | 187.5 | 1010 | 987.6 | 446.8 | 666.7 | 65- 70 | 410.4 | 4604 |
| 75.0 | 711.3 | 166.0 | 156.2 | 138.0 | 266.3 | 747.4 | 335.2 | 509.0 | 70- 75 | 281.5 | 4885 |
| 80.0 | 111.1 | 109.1 | 104.1 | 90.23 | 49.61 | 500.0 | 223.6 | 342.1 | 75- 80 | 147.2 | 5033 |
| 85.0 | 11.57 | 54.12 | 52.07 | 44.53 | 13.23 | 250.4 | 112.0 | 172.0 | 80- 85 | 71.04 | 5104 |
| 90.0 | 3.307 | 0 | 0 | 0 | 8.709 | 0.992 | 0.441 | 0.441 | 85- 90 | 22.87 | 5127 |
| 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 | |

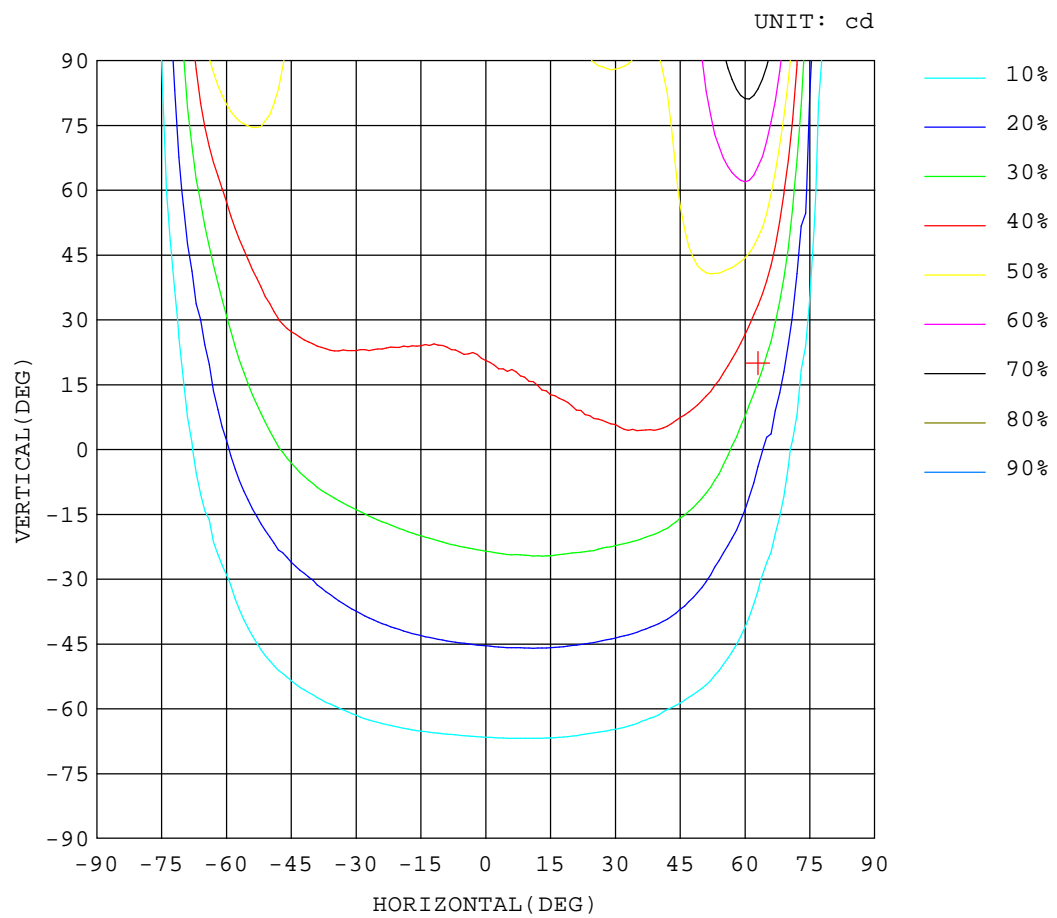
Test System:HOP00 HPG1900
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 Operators:
 Test Date:2023年06月01日

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

Report number:

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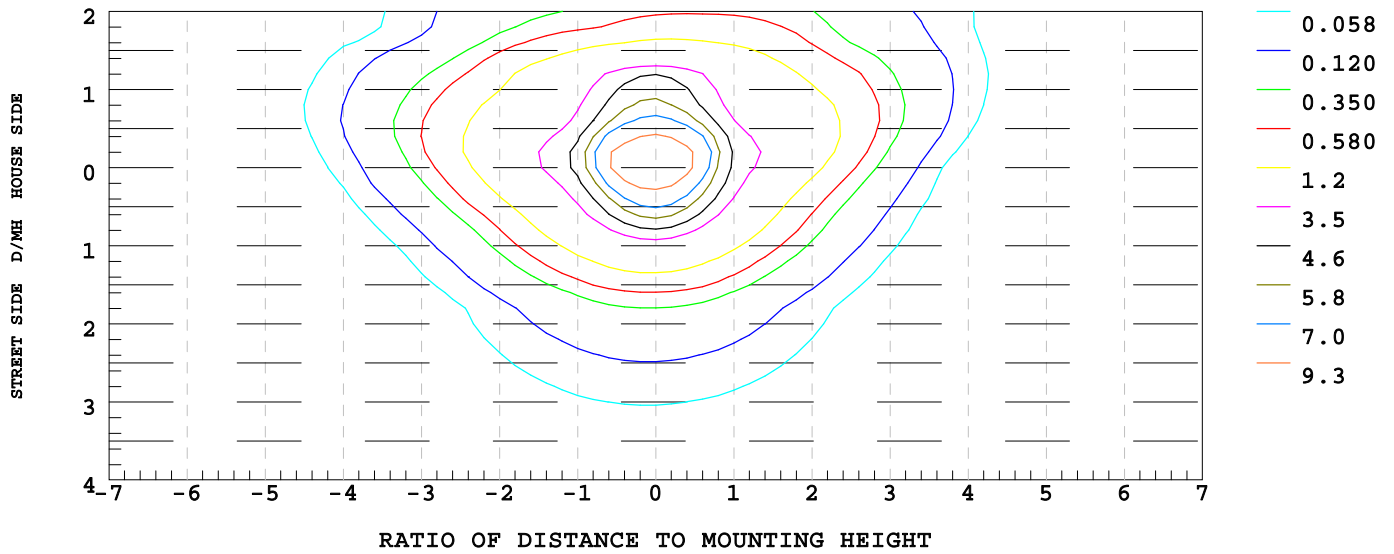
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ISOLUX DIAGRAM

Report number:

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ILLUMINANCE AT MH=10 m,Enadir = 11.59 lx



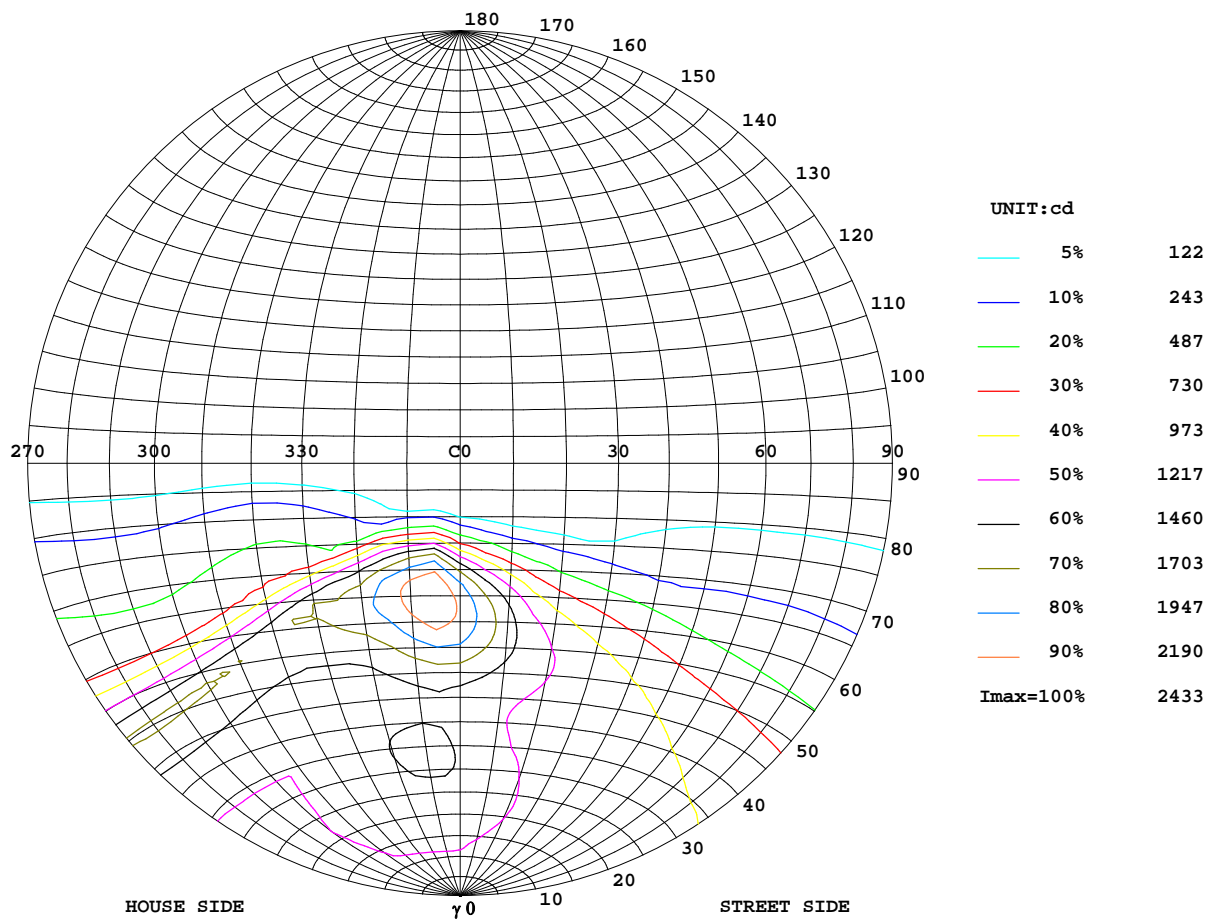
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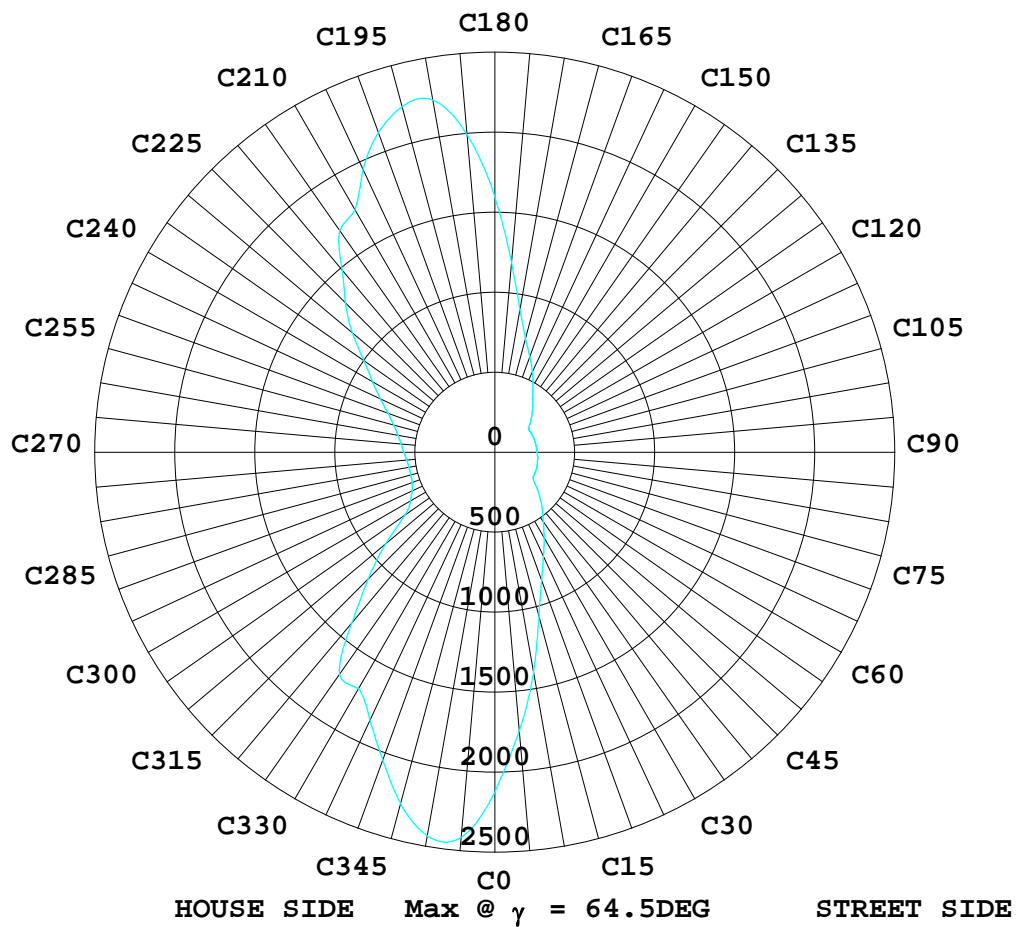
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Remarks:

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 | | | | | | 18.9 | 20.6 | 19.2 | 20.8 | 21.0 |
| 4H | | | | | | 19.7 | 21.2 | 20.0 | 21.5 | 21.7 |
| 6H | | | | | | 20.1 | 21.6 | 20.4 | 21.8 | 22.1 |
| 8H | | | | | | 20.5 | 21.9 | 20.8 | 22.1 | 22.4 |
| 12H | | | | | | 20.6 | 22.0 | 21.0 | 22.2 | 22.5 |
| 25.3 27.0 25.6 27.2 27.4 | | | | | | 20.7 | 22.0 | 21.1 | 22.3 | 22.6 |
| 4H 2H | | | | | | 19.8 | 21.3 | 20.1 | 21.5 | 21.8 |
| 3H | | | | | | 20.7 | 22.0 | 21.0 | 22.3 | 22.6 |
| 4H | | | | | | 21.2 | 22.4 | 21.6 | 22.7 | 23.0 |
| 6H | | | | | | 21.7 | 22.7 | 22.1 | 23.1 | 23.4 |
| 8H | | | | | | 21.9 | 22.8 | 22.3 | 23.2 | 23.6 |
| 12H | | | | | | 22.0 | 22.9 | 22.5 | 23.3 | 23.7 |
| 8H 4H | | | | | | 21.4 | 22.4 | 21.9 | 22.8 | 23.2 |
| 6H | | | | | | 22.1 | 22.9 | 22.5 | 23.3 | 23.7 |
| 8H | | | | | | 22.4 | 23.1 | 22.9 | 23.5 | 24.0 |
| 12H | | | | | | 22.7 | 23.3 | 23.1 | 23.7 | 24.2 |
| 12H 4H | | | | | | 21.4 | 22.3 | 21.9 | 22.7 | 23.1 |
| 6H | | | | | | 22.1 | 22.9 | 22.6 | 23.3 | 23.7 |
| 8H | | | | | | 22.5 | 23.1 | 23.0 | 23.6 | 24.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | | + 0.9 / - 0.8 | | | | + 0.3 / - 0.4 | | | | |
| 1.5H | | + 2.1 / - 2.0 | | | | + 0.3 / - 0.4 | | | | |
| 2.0H | | + 3.3 / - 3.5 | | | | + 0.7 / - 1.4 | | | | |

CIE Pub.117 Corrected 5127 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

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