

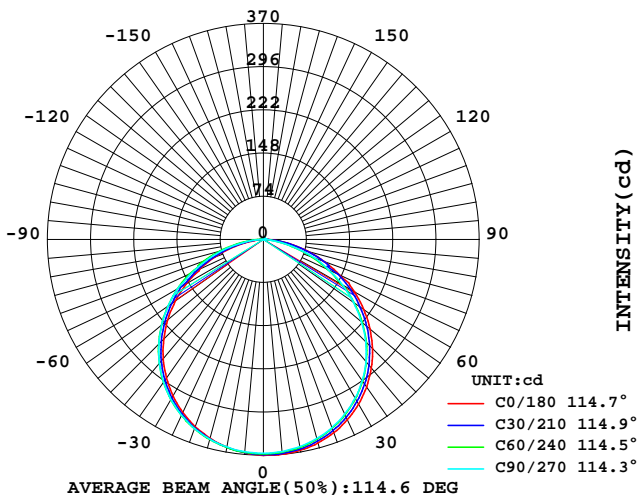
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

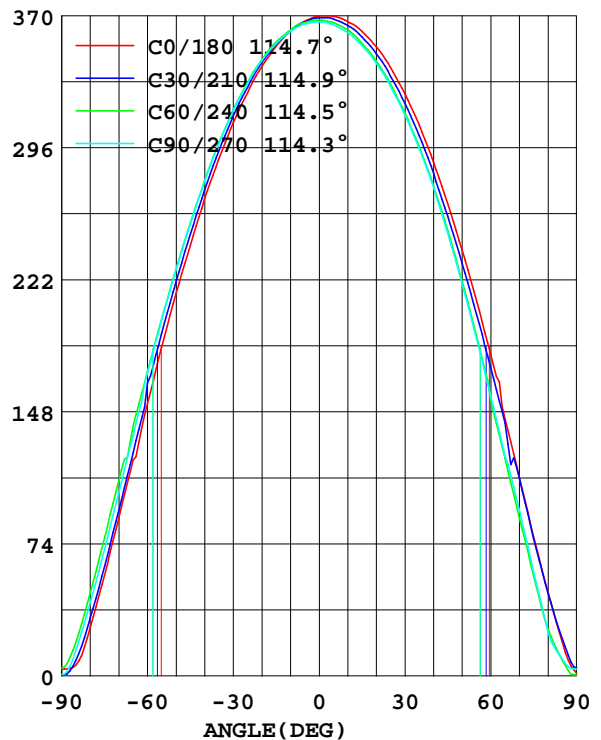
| | | | |
|-----------------------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

| | | | | | |
|------------------|--------|-----------------------|--------|------------------|-------|
| DATA OF LAMP | | I _{max} (cd) | 369.8 | S/MH(C0/180) | 1.24 |
| MODEL | | EFFICIENCY(%) | 100.0 | S/MH(C90/270) | 1.28 |
| NOMINAL POWER(W) | 12 | TOTAL FLUX(lm) | 1072.7 | Voltage(V) | 120.6 |
| RATED VOLTAGE(V) | 120 | EFFICIENCY(lm/W) | 93.0 | Current(A) | 0.101 |
| NOMINAL FLUX(lm) | 1072.7 | h up(%) | 1.2 | Power(W) | 11.53 |
| LAMPS QUANTITY | 1 | h down(%) | 98.8 | Power Factor(PF) | 0.947 |
| TEST VOLTAGE(V) | 120.7 | Effective Flux(lm) | 1072.7 | EEL | 0.142 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



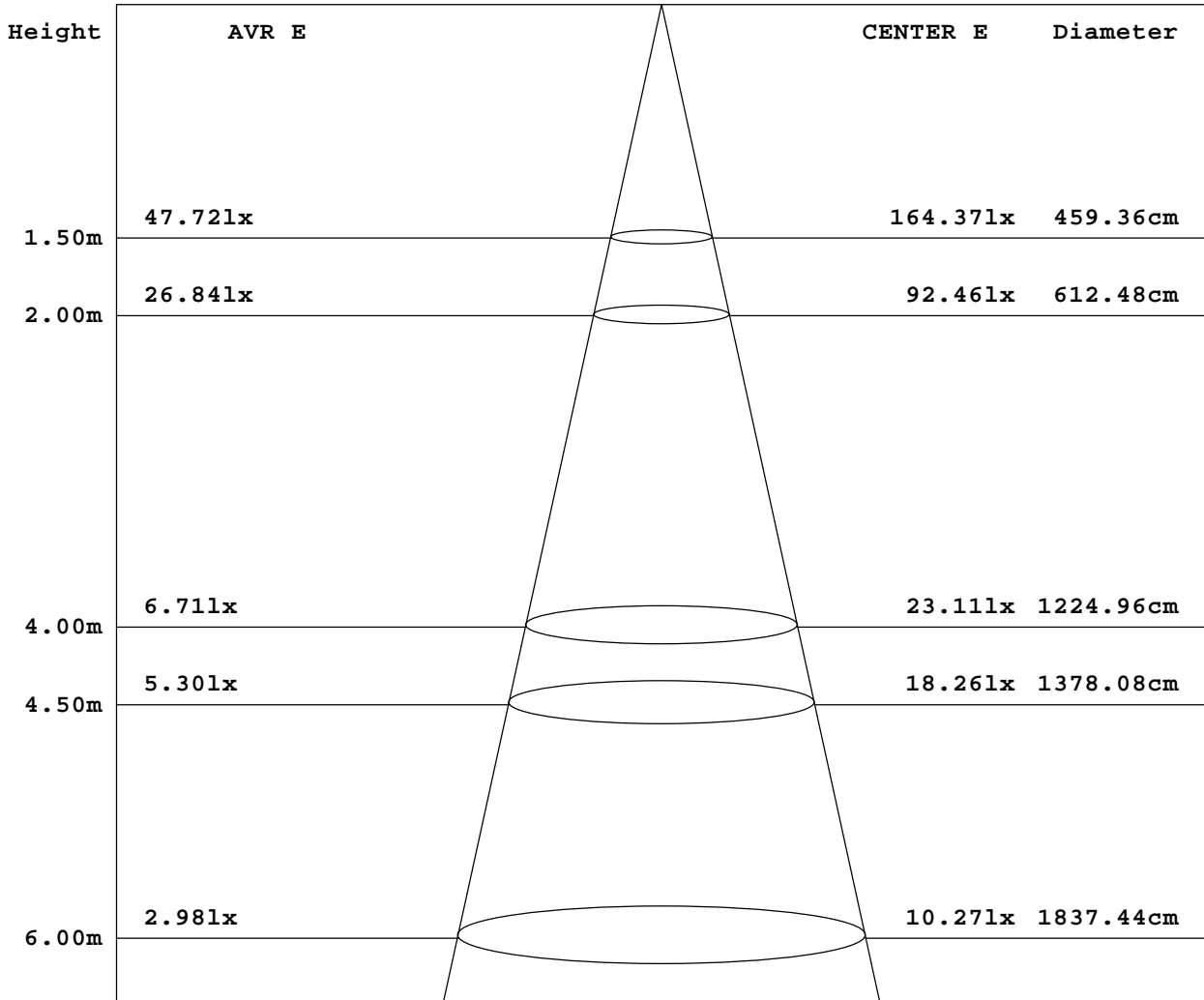
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

| | | | |
|-----------------------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |



Angle:113.7deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | ðone | tðtal |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|----------|-------|
| 5.0 | 366.7 | 366.1 | 365.0 | 364.5 | 369.4 | 366.9 | 364.7 | 363.2 | 0- 5 | 8.759 | 8.759 |
| 10.0 | 361.3 | 361.6 | 361.0 | 360.7 | 366.5 | 363.2 | 360.3 | 358.5 | 5- 10 | 26.00 | 34.76 |
| 15.0 | 352.6 | 354.4 | 354.1 | 354.4 | 360.9 | 356.0 | 353.1 | 351.1 | 10- 15 | 42.47 | 77.24 |
| 20.0 | 341.2 | 344.3 | 344.7 | 345.1 | 352.3 | 346.3 | 342.9 | 340.4 | 15- 20 | 57.60 | 134.8 |
| 25.0 | 326.7 | 331.1 | 331.9 | 333.0 | 340.7 | 333.7 | 330.0 | 327.3 | 20- 25 | 70.92 | 205.7 |
| 30.0 | 309.7 | 315.3 | 316.7 | 317.4 | 326.1 | 318.1 | 314.1 | 310.9 | 25- 30 | 81.95 | 287.7 |
| 35.0 | 289.7 | 296.5 | 298.1 | 299.4 | 308.6 | 299.5 | 295.3 | 291.9 | 30- 35 | 90.26 | 377.9 |
| 40.0 | 267.1 | 274.6 | 277.0 | 278.2 | 287.4 | 277.9 | 273.6 | 270.0 | 35- 40 | 95.56 | 473.5 |
| 45.0 | 241.1 | 250.5 | 253.2 | 254.8 | 264.4 | 253.5 | 248.0 | 245.3 | 40- 45 | 97.56 | 571.1 |
| 50.0 | 214.0 | 224.1 | 227.5 | 228.7 | 238.4 | 225.9 | 219.2 | 218.5 | 45- 50 | 96.16 | 667.2 |
| 55.0 | 184.1 | 195.8 | 199.3 | 200.5 | 210.2 | 196.5 | 188.8 | 189.0 | 50- 55 | 91.34 | 758.6 |
| 60.0 | 152.6 | 167.5 | 169.5 | 171.1 | 180.3 | 163.9 | 157.0 | 156.3 | 55- 60 | 83.30 | 841.9 |
| 65.0 | 120.8 | 132.4 | 134.5 | 137.4 | 144.0 | 131.8 | 123.2 | 123.1 | 60- 65 | 71.80 | 913.7 |
| 70.0 | 88.13 | 100.8 | 102.4 | 106.0 | 110.9 | 99.46 | 92.80 | 92.42 | 65- 70 | 58.07 | 971.8 |
| 75.0 | 56.60 | 69.44 | 71.01 | 74.28 | 78.28 | 66.57 | 58.37 | 61.10 | 70- 75 | 43.47 | 1015 |
| 80.0 | 27.15 | 39.56 | 41.18 | 43.56 | 47.20 | 36.55 | 25.06 | 33.83 | 75- 80 | 27.81 | 1043 |
| 85.0 | 5.987 | 13.74 | 14.30 | 16.23 | 18.86 | 14.79 | 9.503 | 12.07 | 80- 85 | 13.43 | 1057 |
| 90.0 | 3.794 | 2.541 | 0.835 | 2.802 | 1.566 | 2.523 | 3.829 | 2.384 | 85- 90 | 3.513 | 1060 |
| 95.0 | 3.341 | 2.158 | 0.661 | 2.193 | 0.731 | 2.175 | 3.376 | 2.140 | 90- 95 | 1.244 | 1061 |
| 100.0 | 3.063 | 1.984 | 0.731 | 2.018 | 0.801 | 2.018 | 3.098 | 2.001 | 95-100 | 1.110 | 1062 |
| 105.0 | 2.889 | 1.897 | 0.835 | 1.914 | 0.905 | 1.949 | 2.889 | 1.931 | 100-105 | 1.040 | 1063 |
| 110.0 | 2.749 | 1.897 | 0.940 | 1.879 | 1.009 | 1.914 | 2.749 | 1.914 | 105-110 | 0.992 | 1064 |
| 115.0 | 2.680 | 1.879 | 1.044 | 1.879 | 1.113 | 1.914 | 2.680 | 1.931 | 110-115 | 0.956 | 1065 |
| 120.0 | 2.610 | 1.897 | 1.148 | 1.879 | 1.253 | 1.914 | 2.610 | 1.949 | 115-120 | 0.925 | 1066 |
| 125.0 | 2.575 | 1.931 | 1.253 | 1.897 | 1.357 | 1.949 | 2.575 | 1.966 | 120-125 | 0.890 | 1067 |
| 130.0 | 2.541 | 1.949 | 1.357 | 1.931 | 1.462 | 1.984 | 2.541 | 2.001 | 125-130 | 0.849 | 1068 |
| 135.0 | 2.541 | 1.984 | 1.462 | 1.949 | 1.531 | 2.001 | 2.541 | 2.036 | 130-135 | 0.804 | 1069 |
| 140.0 | 2.506 | 2.018 | 1.531 | 1.966 | 1.636 | 2.018 | 2.506 | 2.036 | 135-140 | 0.746 | 1070 |
| 145.0 | 2.471 | 2.053 | 1.601 | 2.018 | 1.740 | 2.053 | 2.471 | 2.071 | 140-145 | 0.681 | 1070 |
| 150.0 | 2.471 | 2.053 | 1.670 | 2.036 | 1.810 | 2.071 | 2.436 | 2.088 | 145-150 | 0.609 | 1071 |
| 155.0 | 2.471 | 2.088 | 1.740 | 2.071 | 1.844 | 2.106 | 2.436 | 2.106 | 150-155 | 0.528 | 1071 |
| 160.0 | 2.436 | 2.106 | 1.775 | 2.071 | 1.914 | 2.106 | 2.436 | 2.106 | 155-160 | 0.442 | 1072 |
| 165.0 | 2.401 | 2.123 | 1.810 | 2.106 | 1.949 | 2.140 | 2.401 | 2.123 | 160-165 | 0.350 | 1072 |
| 170.0 | 2.401 | 2.140 | 1.879 | 2.106 | 2.018 | 2.140 | 2.401 | 2.123 | 165-170 | 0.254 | 1072 |
| 175.0 | 2.367 | 2.123 | 1.914 | 2.158 | 2.053 | 2.140 | 2.367 | 2.106 | 170-175 | 0.154 | 1073 |
| 180.0 | 2.088 | 2.140 | 2.297 | 2.088 | 2.088 | 2.140 | 2.297 | 2.088 | 175-180 | 0.051 | 1073 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT: lm | |

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

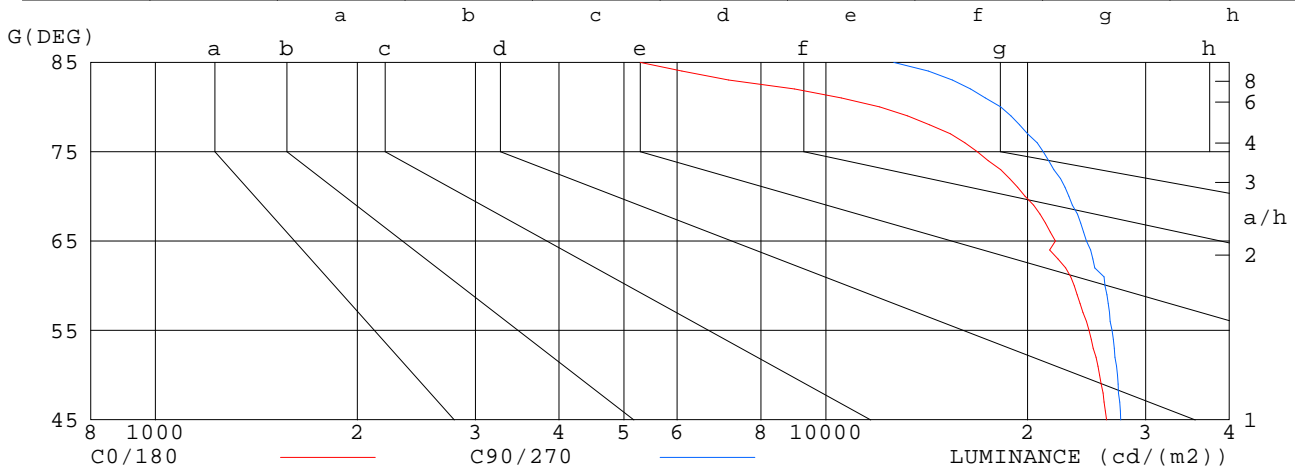
LUMINANCE LIMITATION CURVES

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) | | | | | | | |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
| | | 2000 | 1000 | 500 | <=300 | <=300 | <=300 | <=300 | <=300 |
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 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 |



| LUMINANCE cd/m2 | | |
|-----------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 5284 | 12627 |
| 80 | 12028 | 18242 |
| 75 | 16822 | 21105 |
| 70 | 19823 | 23041 |
| 65 | 22005 | 24488 |
| 60 | 23478 | 26091 |
| 55 | 24696 | 26736 |
| 50 | 25619 | 27227 |
| 45 | 26239 | 27553 |

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/23

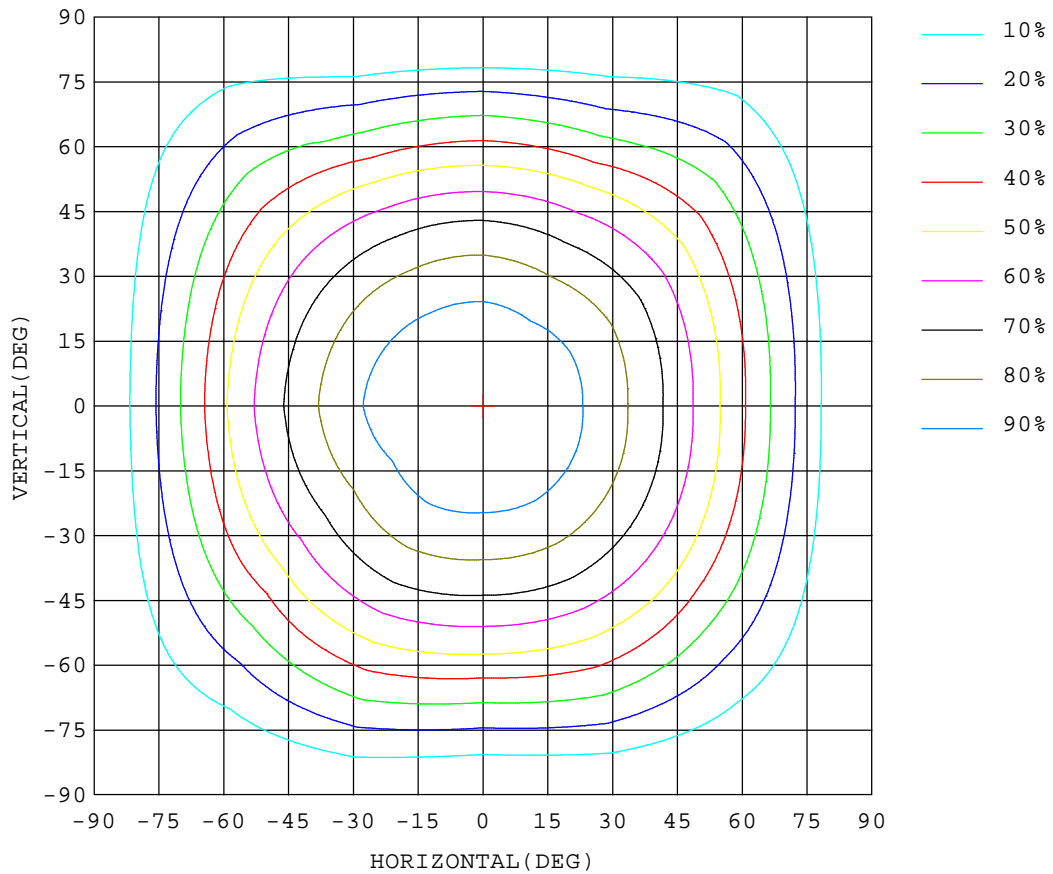
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

UNIT: cd



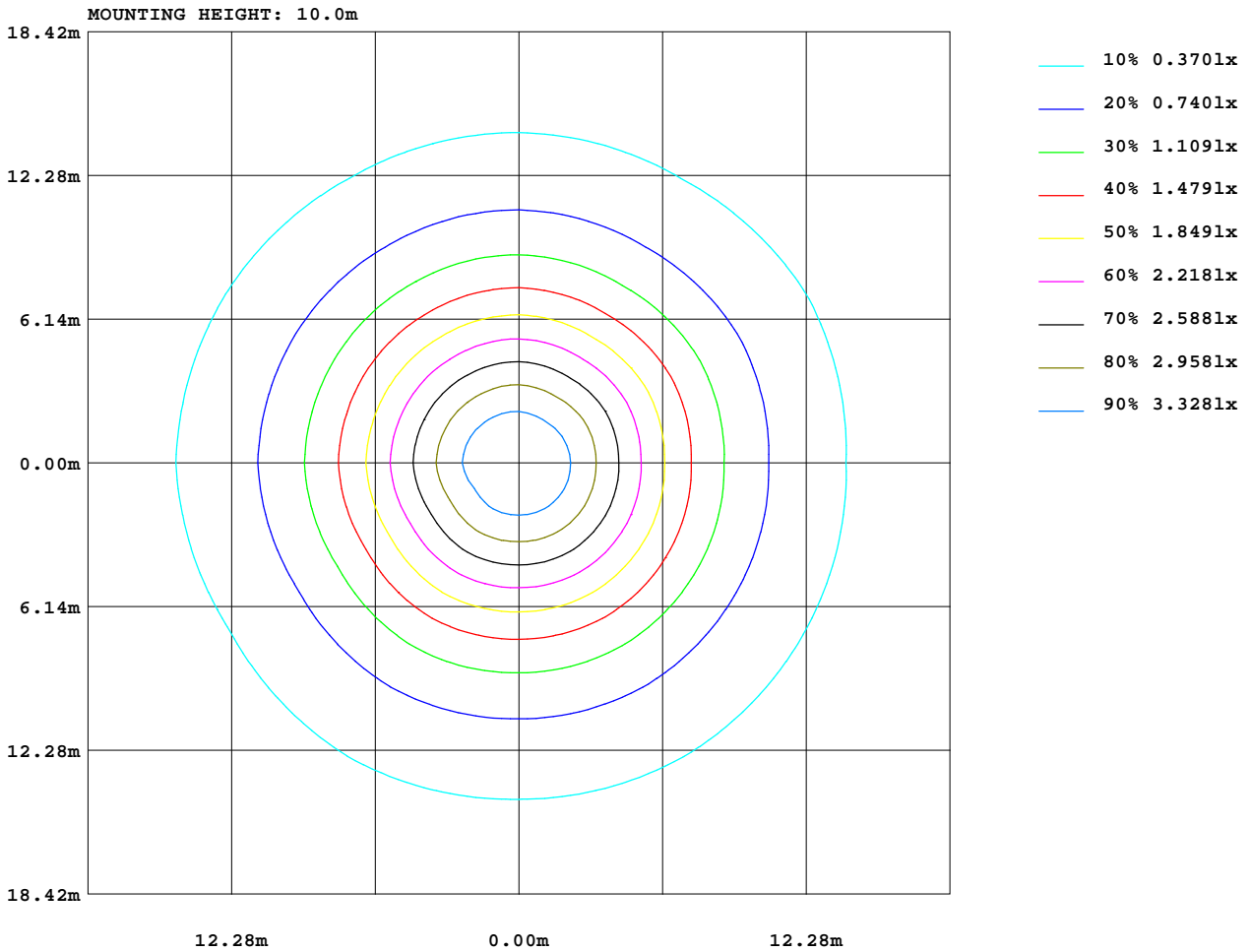
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

AREA LUMINOUS FLUX

Report number:

| | | | |
|------------------------------------|--|---------------------|--|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | |
| SPECIFICATION: | | CCT(K): 4000 | |
| | | DIMENSION: | |
| | | WEIGHT: | |
| | | SERIAL No.: | |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φt | Φa |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|----------|----------|
| | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | |
| 90 | 0.01 | 0.04 | 0.11 | 0.19 | 0.22 | 0.22 | 0.24 | 0.29 | 0.32 | 0.32 | 0.28 | 0.23 | 0.20 | 0.18 | 0.15 | 0.09 | 0.04 | 0.01 | 3.13 | 3.13 |
| 80 | 0.02 | 0.12 | 0.35 | 0.63 | 0.88 | 1.09 | 1.31 | 1.58 | 1.75 | 1.73 | 1.54 | 1.26 | 1.03 | 0.81 | 0.55 | 0.26 | 0.07 | 0.01 | 15.0 | 15.0 |
| 70 | 0.03 | 0.22 | 0.63 | 1.21 | 1.81 | 2.37 | 2.91 | 3.43 | 3.73 | 3.69 | 3.33 | 2.76 | 2.22 | 1.67 | 1.09 | 0.51 | 0.13 | 0.01 | 31.7 | 31.7 |
| 60 | 0.04 | 0.32 | 0.93 | 1.81 | 2.73 | 3.69 | 4.57 | 5.30 | 5.69 | 5.64 | 5.18 | 4.39 | 3.51 | 2.58 | 1.67 | 0.79 | 0.21 | 0.02 | 49.1 | 49.1 |
| 50 | 0.05 | 0.41 | 1.21 | 2.33 | 3.65 | 4.94 | 6.09 | 6.98 | 7.46 | 7.40 | 6.83 | 5.90 | 4.76 | 3.48 | 2.17 | 1.04 | 0.30 | 0.02 | 65.0 | 65.0 |
| 40 | 0.06 | 0.50 | 1.44 | 2.83 | 4.40 | 5.96 | 7.33 | 8.34 | 8.89 | 8.83 | 8.16 | 7.11 | 5.76 | 4.21 | 2.59 | 1.25 | 0.37 | 0.03 | 78.1 | 78.1 |
| 30 | 0.07 | 0.57 | 1.64 | 3.22 | 4.99 | 6.75 | 8.27 | 9.36 | 9.95 | 9.88 | 9.18 | 8.06 | 6.53 | 4.72 | 2.92 | 1.41 | 0.43 | 0.03 | 88.0 | 88.0 |
| 20 | 0.07 | 0.62 | 1.80 | 3.49 | 5.40 | 7.30 | 8.92 | 10.0 | 10.6 | 10.5 | 9.90 | 8.70 | 7.00 | 5.05 | 3.14 | 1.52 | 0.46 | 0.03 | 94.7 | 94.7 |
| 10 | 0.07 | 0.64 | 1.88 | 3.64 | 5.63 | 7.60 | 9.29 | 10.4 | 11.0 | 10.9 | 10.2 | 8.97 | 7.20 | 5.19 | 3.22 | 1.56 | 0.48 | 0.04 | 98.2 | 98.2 |
| 0 | 0.07 | 0.64 | 1.87 | 3.63 | 5.61 | 7.57 | 9.24 | 10.4 | 11.0 | 11.0 | 10.3 | 8.98 | 7.19 | 5.19 | 3.22 | 1.56 | 0.47 | 0.03 | 98.0 | 98.0 |
| -10 | 0.07 | 0.60 | 1.77 | 3.45 | 5.33 | 7.19 | 8.80 | 10.0 | 10.6 | 10.6 | 10.0 | 8.72 | 6.99 | 5.03 | 3.12 | 1.50 | 0.45 | 0.03 | 94.5 | 94.5 |
| -20 | 0.06 | 0.55 | 1.59 | 3.15 | 4.88 | 6.62 | 8.24 | 9.45 | 10.0 | 10.0 | 9.38 | 8.16 | 6.53 | 4.69 | 2.89 | 1.38 | 0.41 | 0.03 | 88.1 | 88.1 |
| -30 | 0.05 | 0.47 | 1.37 | 2.73 | 4.28 | 5.93 | 7.43 | 8.51 | 9.00 | 8.97 | 8.42 | 7.32 | 5.83 | 4.17 | 2.53 | 1.20 | 0.35 | 0.02 | 78.6 | 78.6 |
| -40 | 0.04 | 0.38 | 1.11 | 2.18 | 3.60 | 5.05 | 6.35 | 7.24 | 7.66 | 7.62 | 7.15 | 6.22 | 4.93 | 3.48 | 2.06 | 0.97 | 0.27 | 0.02 | 66.3 | 66.3 |
| -50 | 0.03 | 0.28 | 0.82 | 1.63 | 2.74 | 3.97 | 5.03 | 5.71 | 6.03 | 6.00 | 5.62 | 4.89 | 3.83 | 2.63 | 1.54 | 0.71 | 0.18 | 0.01 | 51.7 | 51.7 |
| -60 | 0.02 | 0.17 | 0.52 | 1.07 | 1.88 | 2.77 | 3.53 | 3.95 | 4.12 | 4.09 | 3.85 | 3.39 | 2.63 | 1.78 | 1.00 | 0.43 | 0.10 | 0.01 | 35.3 | 35.3 |
| -70 | 0.01 | 0.08 | 0.23 | 0.53 | 1.00 | 1.55 | 1.98 | 2.17 | 2.20 | 2.17 | 2.09 | 1.86 | 1.43 | 0.91 | 0.47 | 0.18 | 0.04 | 0.01 | 18.9 | 18.9 |
| -80 | 0.01 | 0.02 | 0.04 | 0.11 | 0.26 | 0.46 | 0.58 | 0.58 | 0.53 | 0.51 | 0.52 | 0.49 | 0.37 | 0.21 | 0.09 | 0.03 | 0.02 | 0.01 | 4.84 | 4.84 |
| -90 | 0.01 | 0.02 | 0.04 | 0.11 | 0.26 | 0.46 | 0.58 | 0.58 | 0.53 | 0.51 | 0.52 | 0.49 | 0.37 | 0.21 | 0.09 | 0.03 | 0.02 | 0.01 | 4.84 | 4.84 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | |
| Φt | 0.78 | 6.63 | 19.3 | 37.8 | 59.3 | 81.1 | 100 | 114 | 121 | 120 | 112 | 97.4 | 78.0 | 56.0 | 34.4 | 16.4 | 4.78 | 0.39 | 1073 | |
| Φa | 0.78 | 6.63 | 19.3 | 37.8 | 59.3 | 81.1 | 100 | 114 | 121 | 120 | 112 | 97.4 | 78.0 | 56.0 | 34.4 | 16.4 | 4.78 | 0.39 | | 1073 |

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

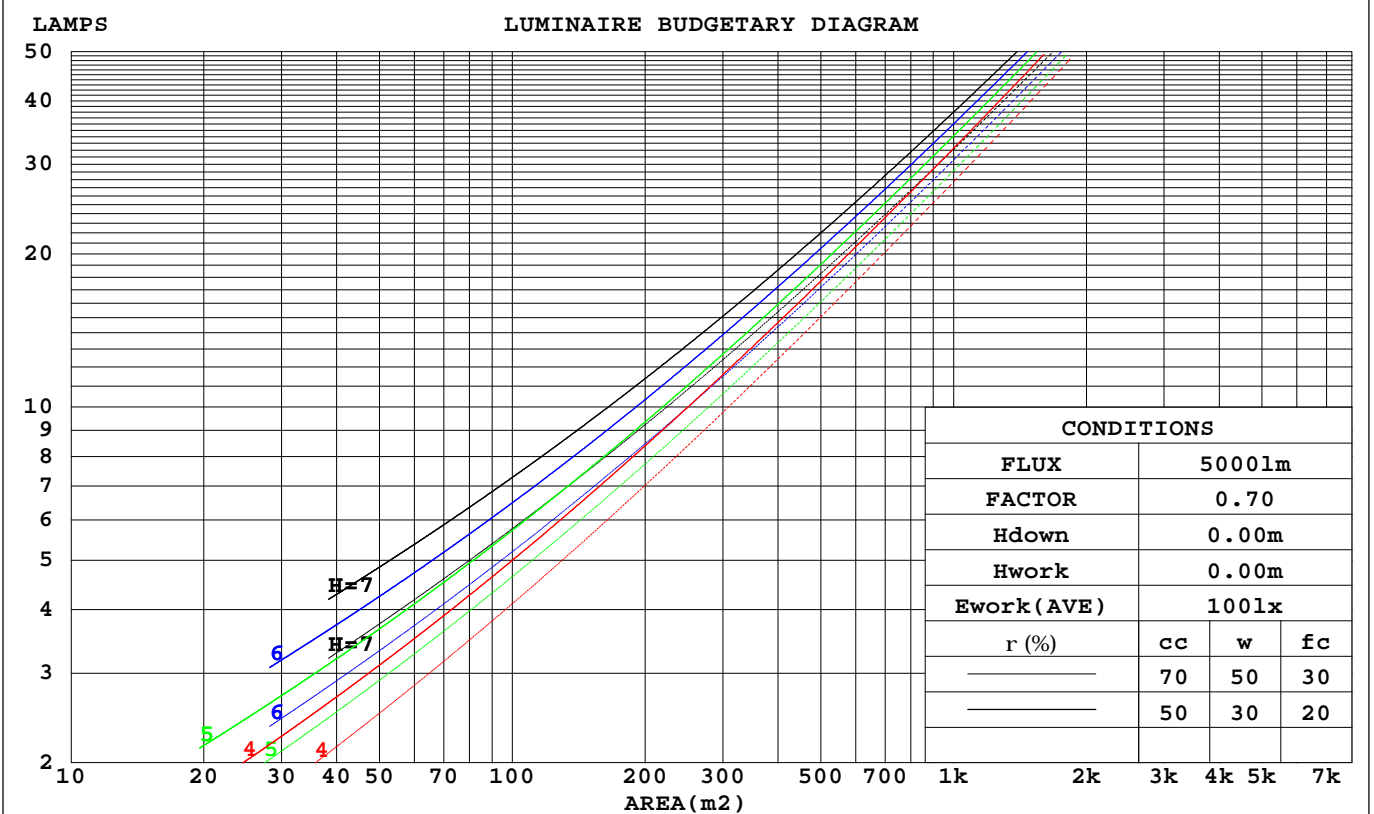
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

| | | | |
|------------------------------------|--|--------------------|--|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | |
| SPECIFICATION: | | SERIAL No.: | |
| CCT(K): 4000 | | DIMENSION: | |

| | | | | | | | | | | | | | | | | |
|------------|----------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |
| | Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.04 | .90 | .96 | 1.01 | .98 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .90 | .84 | .78 | .88 | .82 | .77 | .85 | .79 | .75 | .81 | .77 | .73 | .78 | .74 | .71 | .69 |
| 3.0 | .79 | .71 | .65 | .78 | .70 | .64 | .75 | .68 | .63 | .72 | .66 | .62 | .69 | .64 | .60 | .58 |
| 4.0 | .70 | .61 | .55 | .69 | .61 | .54 | .66 | .59 | .53 | .64 | .58 | .53 | .61 | .56 | .52 | .49 |
| 5.0 | .63 | .54 | .47 | .62 | .53 | .47 | .59 | .52 | .46 | .57 | .51 | .45 | .55 | .49 | .45 | .43 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .41 | .53 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .39 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .49 | .41 | .36 | .47 | .40 | .35 | .46 | .40 | .35 | .33 |
| 8.0 | .47 | .38 | .32 | .46 | .38 | .32 | .44 | .37 | .32 | .43 | .36 | .32 | .42 | .36 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .28 | .39 | .33 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 |



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

WEC AND CCEC

Report number:

| | | | |
|------------------------------------|--------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .305 | .174 | .055 | .298 | .170 | .054 | .284 | .163 | .052 | .271 | .156 | .050 | .259 | .150 | .048 | |
| 2.0 | .289 | .158 | .049 | .282 | .155 | .048 | .270 | .150 | .047 | .259 | .145 | .045 | .248 | .140 | .044 | |
| 3.0 | .268 | .143 | .043 | .262 | .140 | .042 | .251 | .136 | .041 | .241 | .132 | .041 | .232 | .128 | .040 | |
| 4.0 | .248 | .129 | .038 | .243 | .127 | .038 | .233 | .124 | .037 | .224 | .120 | .036 | .216 | .117 | .036 | |
| 5.0 | .229 | .117 | .034 | .225 | .115 | .034 | .216 | .113 | .033 | .208 | .110 | .033 | .201 | .107 | .032 | |
| 6.0 | .213 | .107 | .031 | .209 | .105 | .030 | .201 | .103 | .030 | .194 | .101 | .030 | .187 | .099 | .029 | |
| 7.0 | .198 | .098 | .028 | .195 | .097 | .028 | .188 | .095 | .027 | .181 | .093 | .027 | .175 | .091 | .027 | |
| 8.0 | .185 | .091 | .025 | .182 | .090 | .025 | .176 | .088 | .025 | .170 | .086 | .025 | .164 | .084 | .025 | |
| 9.0 | .174 | .084 | .023 | .171 | .083 | .023 | .165 | .082 | .023 | .160 | .080 | .023 | .155 | .079 | .023 | |
| 10.0 | .163 | .078 | .022 | .161 | .078 | .022 | .156 | .076 | .021 | .151 | .075 | .021 | .146 | .074 | .021 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .199 | .199 | .199 | .170 | .170 | .170 | .116 | .116 | .116 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 1.0 | .189 | .165 | .144 | .162 | .142 | .124 | .111 | .098 | .086 | .064 | .056 | .050 | .020 | .018 | .016 | |
| 2.0 | .181 | .141 | .107 | .155 | .121 | .093 | .106 | .084 | .065 | .061 | .049 | .038 | .020 | .016 | .012 | |
| 3.0 | .173 | .123 | .084 | .149 | .106 | .073 | .102 | .074 | .051 | .059 | .043 | .030 | .019 | .014 | .010 | |
| 4.0 | .166 | .110 | .068 | .142 | .095 | .059 | .098 | .066 | .041 | .057 | .039 | .025 | .018 | .013 | .008 | |
| 5.0 | .158 | .100 | .057 | .136 | .086 | .049 | .094 | .060 | .035 | .054 | .035 | .021 | .017 | .012 | .007 | |
| 6.0 | .151 | .091 | .048 | .130 | .079 | .042 | .090 | .055 | .030 | .052 | .033 | .018 | .017 | .011 | .006 | |
| 7.0 | .144 | .085 | .043 | .124 | .073 | .037 | .086 | .051 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 8.0 | .138 | .079 | .038 | .119 | .068 | .033 | .082 | .048 | .024 | .048 | .028 | .014 | .015 | .009 | .005 | |
| 9.0 | .132 | .074 | .035 | .114 | .064 | .030 | .079 | .045 | .021 | .046 | .027 | .013 | .015 | .009 | .004 | |
| 10.0 | .126 | .070 | .032 | .109 | .060 | .028 | .076 | .043 | .020 | .044 | .025 | .012 | .014 | .008 | .004 | |

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UGR Table

Report number:

| | | | | | | | | | | |
|----------------------------------------------------|------------------|--------------|------|------|------------|----------------|------|-------------|------|------|
| MANUFACTURER: | | | | | | | | | | |
| Address: | | | | | | | | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | | | | TYPE: | | | WEIGHT: | | |
| SPECIFICATION: | | CCT(K): 4000 | | | 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 | 23.9 | 25.4 | 24.2 | 25.6 | 25.9 | 24.4 | 25.9 | 24.6 | 26.1 | 26.3 |
| 3H | 25.2 | 26.6 | 25.5 | 26.9 | 27.1 | 25.9 | 27.2 | 26.2 | 27.5 | 27.8 |
| 4H | 25.7 | 27.0 | 26.0 | 27.3 | 27.6 | 26.4 | 27.8 | 26.8 | 28.0 | 28.3 |
| 6H | 25.9 | 27.1 | 26.3 | 27.4 | 27.7 | 26.8 | 28.1 | 27.2 | 28.4 | 28.7 |
| 8H | 25.9 | 27.1 | 26.3 | 27.4 | 27.7 | 26.9 | 28.1 | 27.3 | 28.4 | 28.8 |
| 12H | 25.9 | 27.0 | 26.3 | 27.4 | 27.7 | 27.0 | 28.1 | 27.4 | 28.4 | 28.8 |
| 4H 2H | 24.6 | 25.9 | 24.9 | 26.2 | 26.4 | 24.9 | 26.2 | 25.2 | 26.5 | 26.8 |
| 3H | 26.0 | 27.2 | 26.4 | 27.5 | 27.8 | 26.6 | 27.8 | 27.0 | 28.1 | 28.4 |
| 4H | 26.6 | 27.6 | 27.0 | 28.0 | 28.3 | 27.4 | 28.4 | 27.8 | 28.8 | 29.1 |
| 6H | 26.9 | 27.9 | 27.3 | 28.2 | 28.6 | 27.9 | 28.8 | 28.3 | 29.2 | 29.6 |
| 8H | 27.0 | 27.8 | 27.4 | 28.2 | 28.6 | 28.1 | 28.9 | 28.5 | 29.3 | 29.7 |
| 12H | 27.0 | 27.7 | 27.4 | 28.2 | 28.6 | 28.1 | 28.9 | 28.6 | 29.3 | 29.8 |
| 8H 4H | 26.9 | 27.8 | 27.3 | 28.2 | 28.6 | 27.6 | 28.5 | 28.0 | 28.9 | 29.3 |
| 6H | 27.3 | 28.1 | 27.8 | 28.5 | 28.9 | 28.3 | 29.0 | 28.8 | 29.4 | 29.9 |
| 8H | 27.4 | 28.1 | 27.9 | 28.5 | 29.0 | 28.5 | 29.2 | 29.0 | 29.6 | 30.1 |
| 12H | 27.4 | 28.0 | 27.9 | 28.4 | 29.0 | 28.7 | 29.2 | 29.2 | 29.7 | 30.2 |
| 12H 4H | 26.9 | 27.7 | 27.4 | 28.1 | 28.6 | 27.6 | 28.4 | 28.0 | 28.8 | 29.2 |
| 6H | 27.4 | 28.0 | 27.9 | 28.5 | 29.0 | 28.3 | 29.0 | 28.8 | 29.4 | 29.9 |
| 8H | 27.5 | 28.1 | 28.0 | 28.5 | 29.0 | 28.6 | 29.2 | 29.1 | 29.6 | 30.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| s = 1.0H | + 0.2 / - 0.3 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117 Corrected 1073 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.2)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

| | | | |
|------------------------------------|--------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------------------------|-----|-----------|-----|-----|-----|---------------|-----|-----|---------------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 57 | 46 | 39 | 56 | 45 | 38 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 56 | 48 | 66 | 55 | 48 | 64 | 54 | 48 | 41 |
| 1.00 | 76 | 65 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 83 | 72 | 65 | 81 | 72 | 65 | 79 | 70 | 64 | 56 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 70 | 83 | 75 | 69 | 62 |
| 2.00 | 95 | 86 | 80 | 93 | 85 | 79 | 89 | 83 | 77 | 69 |
| 2.50 | 99 | 91 | 85 | 97 | 89 | 84 | 93 | 87 | 82 | 73 |
| 3.00 | 102 | 95 | 90 | 100 | 94 | 89 | 96 | 90 | 86 | 78 |
| 4.00 | 106 | 100 | 96 | 104 | 99 | 94 | 99 | 95 | 91 | 82 |
| 5.00 | 108 | 104 | 100 | 106 | 102 | 98 | 101 | 98 | 95 | 85 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

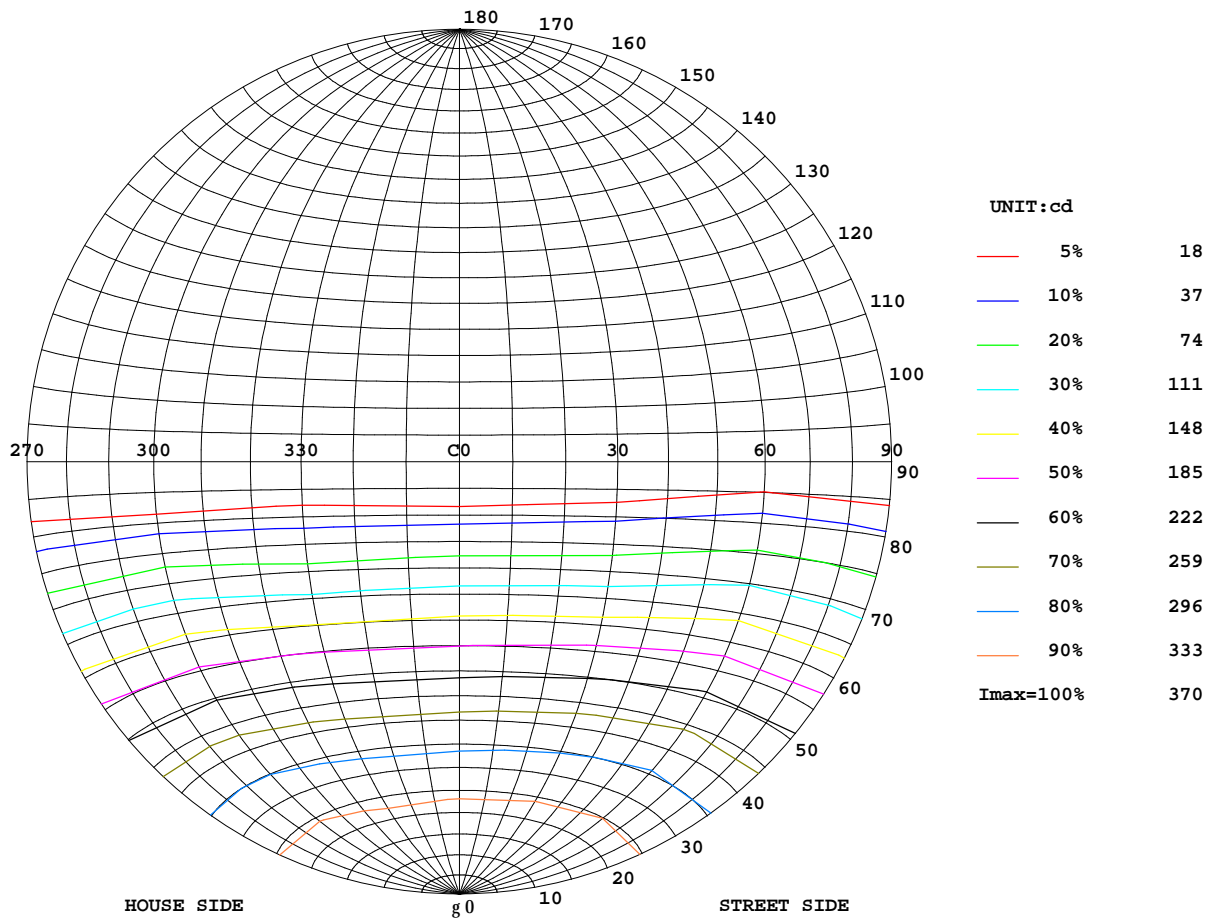
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/23

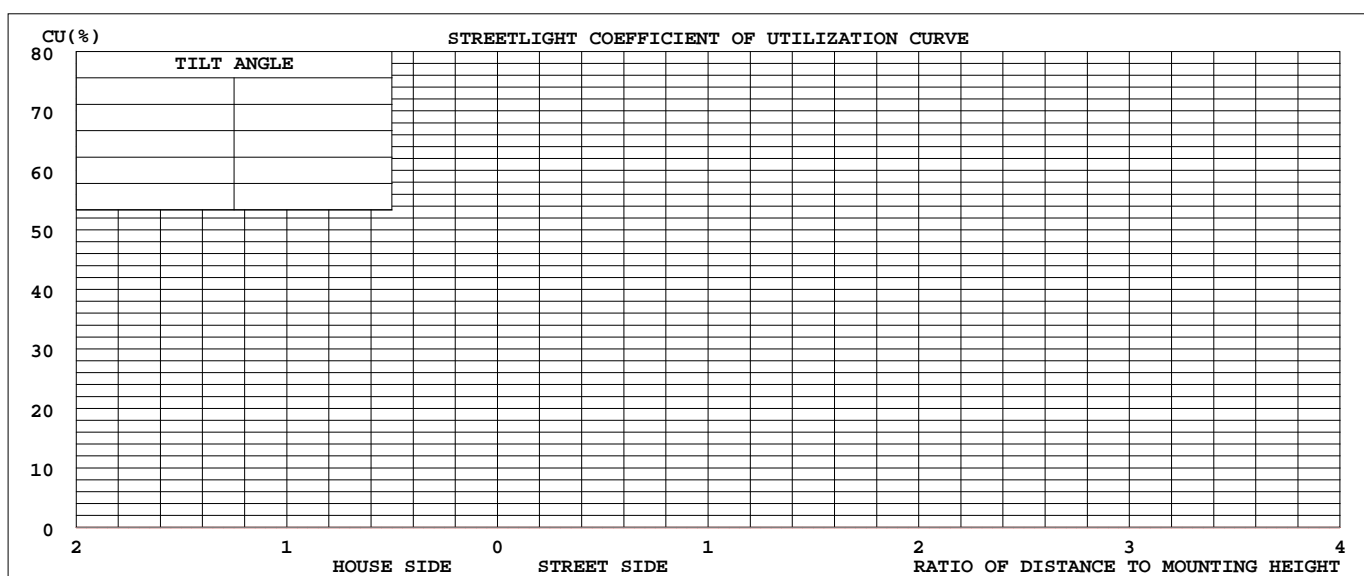
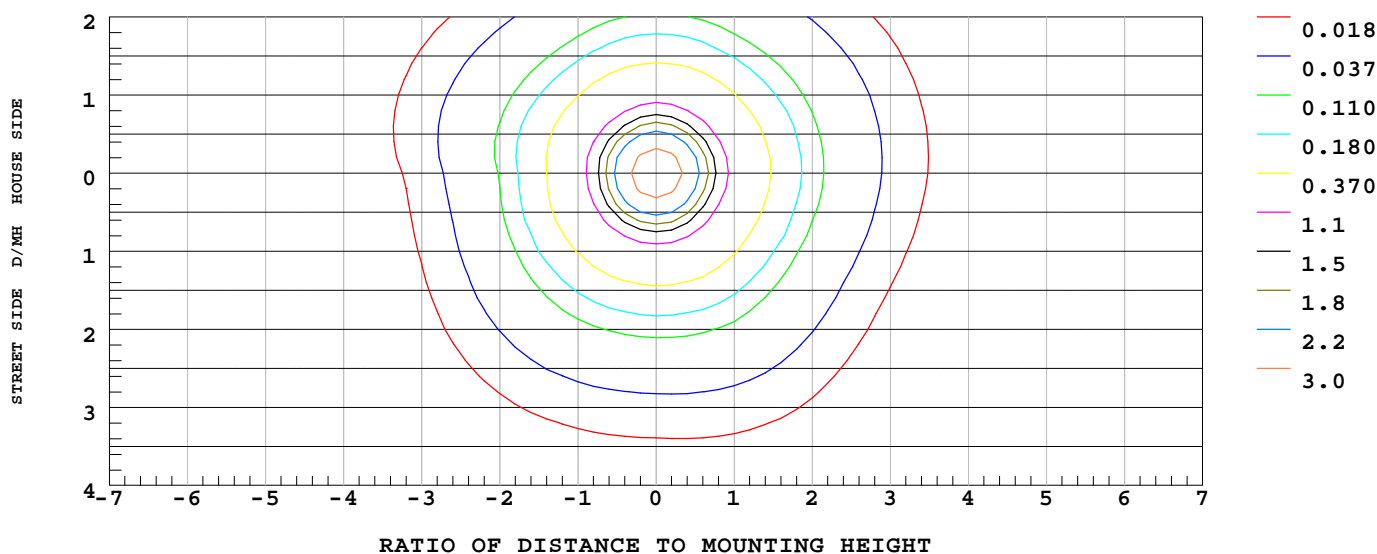
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

| | | | |
|-----------------------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

ILLUMINANCE AT MH=10 m, Enadir = 3.70 lx



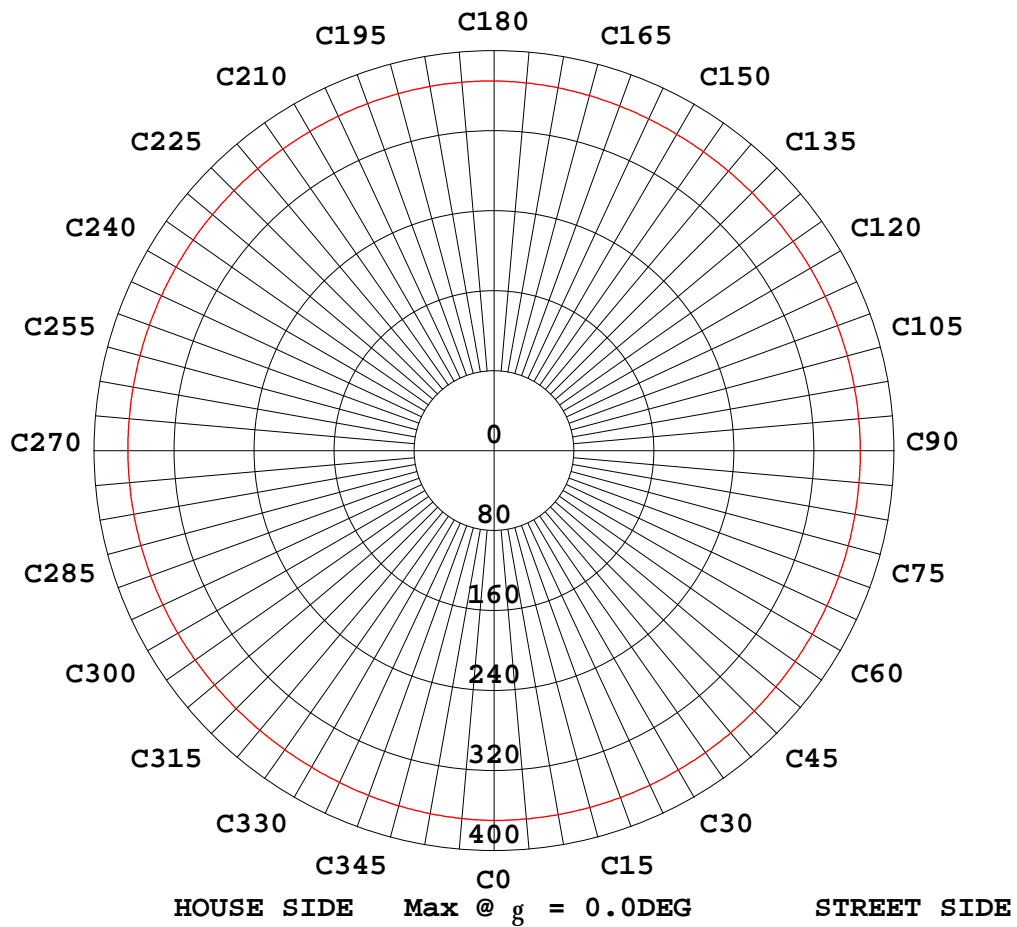
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

| | | | |
|-----------------------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

| | | | |
|------------------------------------|---------------------|-------------------|--------------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: JXL-CA06-T12W-5CCT-WH | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 4000 | DIMENSION: | SERIAL No.: |

UNIT: cd

| γ (DEG) | C (DEG) | | | | | | | | | | | |
|----------------|---------|------|------|------|------|------|------|------|------|------|------|------|
| | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 |
| 0.0 | 370 | 369 | 367 | 366 | 365 | 365 | 370 | 369 | 367 | 366 | 365 | 365 |
| 5.0 | 367 | 366 | 366 | 365 | 365 | 364 | 369 | 368 | 366 | 365 | 363 | 364 |
| 10.0 | 361 | 361 | 362 | 361 | 361 | 360 | 367 | 364 | 362 | 360 | 358 | 359 |
| 15.0 | 353 | 354 | 355 | 354 | 356 | 353 | 361 | 358 | 354 | 353 | 350 | 352 |
| 20.0 | 341 | 344 | 345 | 345 | 347 | 344 | 352 | 348 | 344 | 343 | 339 | 342 |
| 25.0 | 327 | 330 | 333 | 332 | 335 | 331 | 341 | 336 | 332 | 330 | 326 | 329 |
| 30.0 | 310 | 314 | 317 | 317 | 320 | 315 | 326 | 321 | 316 | 314 | 309 | 313 |
| 35.0 | 290 | 294 | 299 | 298 | 302 | 297 | 309 | 303 | 297 | 295 | 289 | 295 |
| 40.0 | 267 | 272 | 277 | 277 | 281 | 275 | 287 | 282 | 274 | 274 | 267 | 273 |
| 45.0 | 241 | 247 | 254 | 253 | 259 | 251 | 264 | 258 | 250 | 248 | 242 | 249 |
| 50.0 | 214 | 221 | 228 | 228 | 233 | 225 | 238 | 231 | 221 | 219 | 215 | 222 |
| 55.0 | 184 | 192 | 200 | 199 | 205 | 196 | 210 | 203 | 191 | 189 | 184 | 194 |
| 60.0 | 153 | 164 | 171 | 170 | 176 | 166 | 180 | 173 | 155 | 157 | 148 | 165 |
| 65.0 | 121 | 125 | 140 | 135 | 145 | 130 | 144 | 142 | 122 | 123 | 115 | 131 |
| 70.0 | 88.1 | 92.5 | 109 | 102 | 115 | 97.0 | 111 | 111 | 88.3 | 92.8 | 82.7 | 102 |
| 75.0 | 56.6 | 61.4 | 77.4 | 71.0 | 83.1 | 65.4 | 78.2 | 76.9 | 56.1 | 58.3 | 52.4 | 69.7 |
| 80.0 | 27.1 | 32.5 | 46.5 | 41.1 | 51.2 | 35.8 | 47.2 | 46.5 | 26.5 | 25.0 | 27.1 | 40.5 |
| 85.0 | 5.98 | 8.73 | 18.7 | 14.3 | 23.0 | 9.39 | 18.8 | 20.8 | 8.77 | 9.50 | 7.37 | 16.7 |
| 90.0 | 3.79 | 0.66 | 4.42 | 0.84 | 4.87 | 0.73 | 1.56 | 4.38 | 0.66 | 3.82 | 0.66 | 4.10 |
| 95.0 | 3.34 | 0.70 | 3.62 | 0.66 | 3.72 | 0.66 | 0.73 | 3.65 | 0.70 | 3.37 | 0.73 | 3.55 |
| 100.0 | 3.06 | 0.77 | 3.20 | 0.73 | 3.27 | 0.77 | 0.80 | 3.27 | 0.77 | 3.09 | 0.80 | 3.20 |
| 105.0 | 2.88 | 0.84 | 2.95 | 0.84 | 2.99 | 0.84 | 0.91 | 3.02 | 0.87 | 2.88 | 0.91 | 2.95 |
| 110.0 | 2.74 | 0.97 | 2.81 | 0.94 | 2.81 | 0.94 | 1.00 | 2.85 | 0.97 | 2.74 | 1.00 | 2.81 |
| 115.0 | 2.68 | 1.07 | 2.68 | 1.04 | 2.71 | 1.04 | 1.11 | 2.74 | 1.07 | 2.68 | 1.11 | 2.74 |
| 120.0 | 2.61 | 1.18 | 2.61 | 1.14 | 2.61 | 1.14 | 1.25 | 2.64 | 1.18 | 2.61 | 1.21 | 2.68 |
| 125.0 | 2.57 | 1.28 | 2.57 | 1.25 | 2.54 | 1.25 | 1.35 | 2.61 | 1.28 | 2.57 | 1.32 | 2.61 |
| 130.0 | 2.54 | 1.35 | 2.54 | 1.35 | 2.50 | 1.35 | 1.46 | 2.57 | 1.39 | 2.54 | 1.42 | 2.57 |
| 135.0 | 2.54 | 1.46 | 2.50 | 1.46 | 2.47 | 1.42 | 1.53 | 2.54 | 1.46 | 2.54 | 1.53 | 2.54 |
| 140.0 | 2.50 | 1.53 | 2.50 | 1.53 | 2.43 | 1.49 | 1.63 | 2.50 | 1.53 | 2.50 | 1.56 | 2.50 |
| 145.0 | 2.47 | 1.63 | 2.47 | 1.60 | 2.43 | 1.60 | 1.74 | 2.50 | 1.60 | 2.47 | 1.63 | 2.50 |
| 150.0 | 2.47 | 1.67 | 2.43 | 1.67 | 2.40 | 1.67 | 1.81 | 2.47 | 1.67 | 2.43 | 1.70 | 2.47 |
| 155.0 | 2.47 | 1.74 | 2.43 | 1.74 | 2.40 | 1.74 | 1.84 | 2.47 | 1.74 | 2.43 | 1.74 | 2.47 |
| 160.0 | 2.43 | 1.81 | 2.40 | 1.77 | 2.36 | 1.77 | 1.91 | 2.43 | 1.77 | 2.43 | 1.77 | 2.43 |
| 165.0 | 2.40 | 1.84 | 2.40 | 1.81 | 2.36 | 1.84 | 1.94 | 2.43 | 1.84 | 2.40 | 1.84 | 2.40 |
| 170.0 | 2.40 | 1.87 | 2.40 | 1.87 | 2.33 | 1.87 | 2.01 | 2.40 | 1.87 | 2.40 | 1.87 | 2.36 |
| 175.0 | 2.36 | 1.91 | 2.33 | 1.91 | 2.33 | 1.98 | 2.05 | 2.36 | 1.91 | 2.36 | 1.87 | 2.33 |
| 180.0 | 2.08 | 2.33 | 1.94 | 2.29 | 1.87 | 2.29 | 2.08 | 2.33 | 1.94 | 2.29 | 1.87 | 2.29 |

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/23

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: