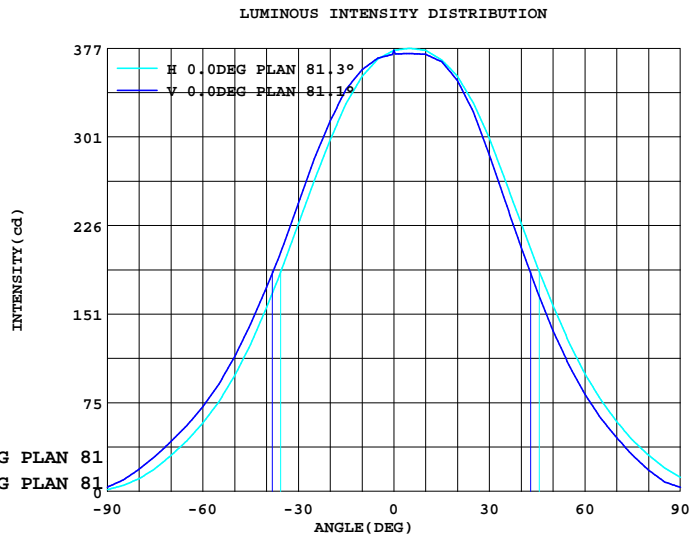
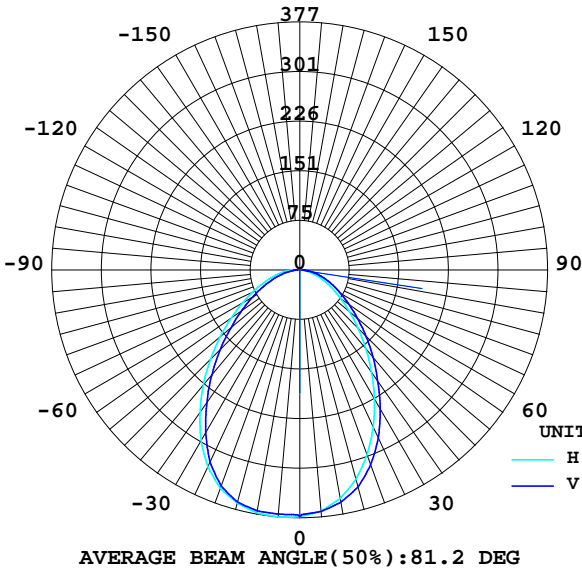


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | | |
|----------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: 200W | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 6500 | DIMENSION: | SERIAL No.: |

| | | | | | |
|----------------------|-------|----------------------|--------------|------------------|-------|
| MODEL: | | | | | |
| NOMINAL POWER(W): | 0 | Imax(cd): | 376.5 | Voltage(V) | 0 |
| RATED VOLTAGE(V): | 0 | AVAILABILITY(%): | 94.0 | Current(A) | 0 |
| NOMINAL FLUX(lm): | 746 | Avai. FLUX(lm): | 701.3 | Power(W) | 0 |
| TEST FLUX(lm): | 746 | EFFICIENCY(%): | 100.0 | Power Factor(PF) | 0 |
| LAMPS QUANTITY : | 1 | TOTAL FLUX(lm): | 746.3 | EFFICIENCY(lm/W) | |
| Effective Flux(lm) : | 701.4 | θ @50%(H, V): | 81.3,81.3DEG | EEL: | 0.000 |



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2025年02月27日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.800 m
 Remarks:

Color Temperature Data List

Report number:

| | | | |
|----------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: 200W | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 6500 | DIMENSION: | SERIAL No.: |

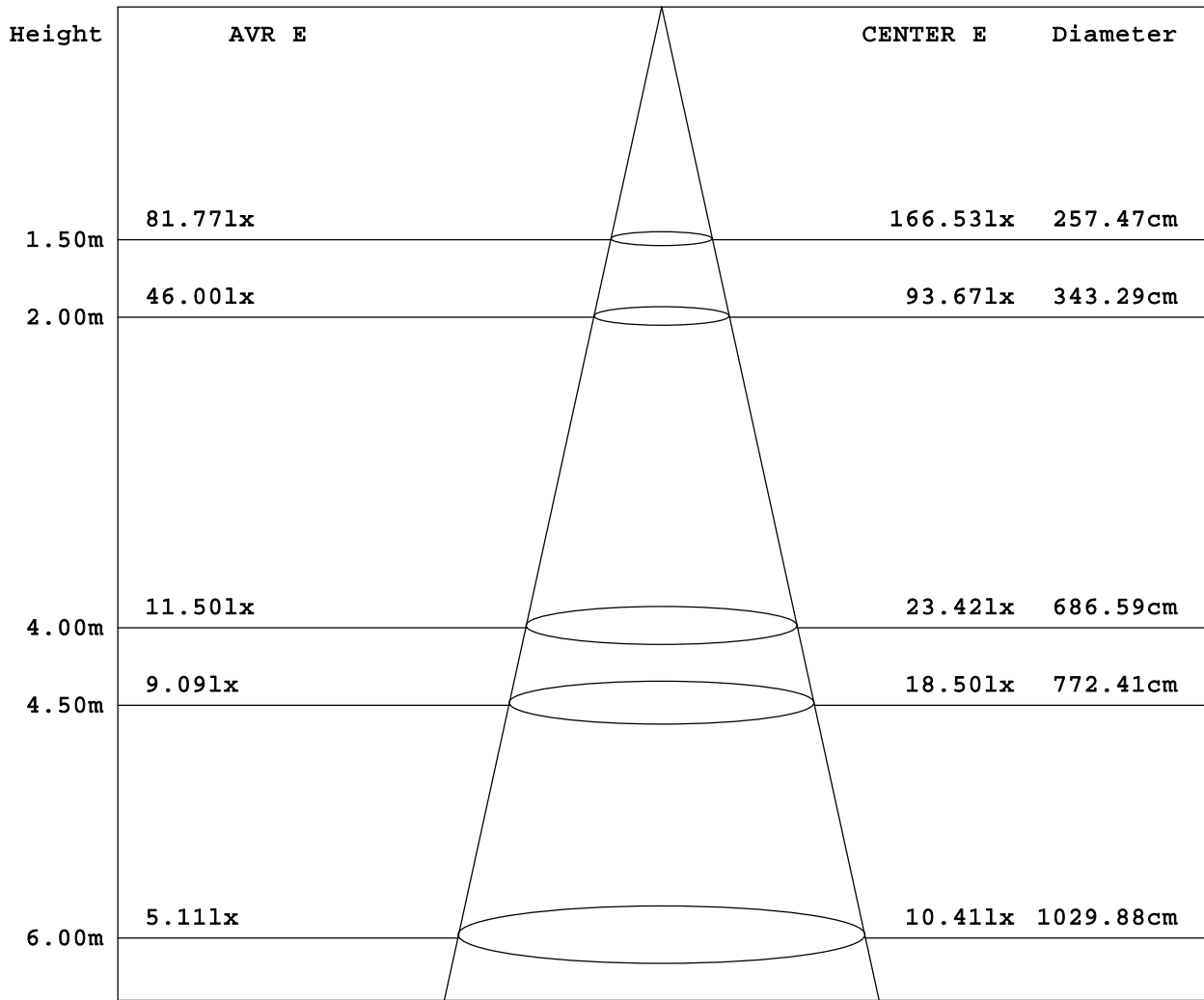
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2025年02月27日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

| | | | |
|----------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: 200W | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 6500 | DIMENSION: | SERIAL No.: |



Angle: 81.3deg

Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025年02月27日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.800 m
 Remarks:

AREA LUMINOUS FLUX

Report number:

| | | | |
|----------------|--|--------------|--|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: 200W | | TYPE: | |
| SPECIFICATION: | | CCT(K): 6500 | |
| | | DIMENSION: | |
| | | WEIGHT: | |
| | | SERIAL No.: | |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|
| | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | |
| 90 | 0.01 | 0.03 | 0.08 | 0.12 | 0.12 | 0.10 | 0.12 | 0.19 | 0.26 | 0.26 | 0.21 | 0.14 | 0.13 | 0.14 | 0.14 | 0.12 | 0.08 | 0.03 | 2.28 | 0.00 |
| 80 | 0.01 | 0.05 | 0.14 | 0.25 | 0.34 | 0.42 | 0.54 | 0.74 | 0.89 | 0.90 | 0.77 | 0.59 | 0.47 | 0.38 | 0.28 | 0.20 | 0.11 | 0.03 | 7.10 | 0.59 |
| 70 | 0.01 | 0.07 | 0.22 | 0.44 | 0.68 | 0.93 | 1.20 | 1.55 | 1.82 | 1.84 | 1.61 | 1.28 | 1.00 | 0.74 | 0.50 | 0.30 | 0.15 | 0.04 | 14.4 | 10.4 |
| 60 | 0.01 | 0.10 | 0.31 | 0.67 | 1.10 | 1.58 | 2.11 | 2.71 | 3.16 | 3.20 | 2.81 | 2.25 | 1.71 | 1.19 | 0.75 | 0.42 | 0.19 | 0.04 | 24.3 | 22.9 |
| 50 | 0.02 | 0.12 | 0.40 | 0.90 | 1.60 | 2.43 | 3.34 | 4.29 | 5.00 | 5.06 | 4.44 | 3.54 | 2.61 | 1.73 | 1.04 | 0.56 | 0.23 | 0.05 | 37.3 | 36.5 |
| 40 | 0.02 | 0.14 | 0.48 | 1.11 | 2.13 | 3.41 | 4.83 | 6.16 | 7.21 | 7.26 | 6.33 | 5.06 | 3.64 | 2.35 | 1.37 | 0.69 | 0.27 | 0.05 | 52.5 | 51.9 |
| 30 | 0.02 | 0.16 | 0.54 | 1.28 | 2.55 | 4.37 | 6.33 | 8.07 | 9.37 | 9.39 | 8.19 | 6.54 | 4.68 | 3.00 | 1.70 | 0.82 | 0.30 | 0.06 | 67.4 | 66.9 |
| 20 | 0.02 | 0.17 | 0.58 | 1.38 | 2.78 | 4.90 | 7.44 | 9.52 | 10.7 | 10.6 | 9.55 | 7.76 | 5.65 | 3.60 | 1.98 | 0.93 | 0.33 | 0.06 | 78.1 | 77.6 |
| 10 | 0.02 | 0.17 | 0.58 | 1.38 | 2.80 | 4.92 | 7.52 | 9.88 | 11.1 | 11.1 | 10.3 | 8.73 | 6.36 | 4.02 | 2.18 | 1.00 | 0.35 | 0.06 | 82.7 | 82.2 |
| 0 | 0.02 | 0.17 | 0.58 | 1.38 | 2.78 | 4.88 | 7.44 | 9.75 | 11.0 | 11.1 | 10.3 | 8.75 | 6.37 | 4.02 | 2.18 | 1.00 | 0.35 | 0.06 | 82.3 | 81.9 |
| -10 | 0.02 | 0.17 | 0.57 | 1.37 | 2.74 | 4.80 | 7.27 | 9.34 | 10.3 | 10.4 | 9.61 | 7.81 | 5.65 | 3.60 | 1.98 | 0.93 | 0.33 | 0.06 | 77.0 | 76.6 |
| -20 | 0.02 | 0.16 | 0.54 | 1.27 | 2.50 | 4.27 | 6.28 | 8.02 | 8.63 | 8.71 | 8.25 | 6.62 | 4.69 | 3.01 | 1.70 | 0.82 | 0.31 | 0.06 | 65.8 | 65.4 |
| -30 | 0.02 | 0.14 | 0.48 | 1.10 | 2.10 | 3.44 | 4.96 | 6.13 | 6.42 | 6.48 | 6.29 | 5.20 | 3.72 | 2.37 | 1.37 | 0.70 | 0.27 | 0.05 | 51.3 | 50.7 |
| -40 | 0.02 | 0.12 | 0.41 | 0.90 | 1.64 | 2.59 | 3.63 | 4.28 | 4.43 | 4.47 | 4.39 | 3.79 | 2.78 | 1.80 | 1.05 | 0.56 | 0.23 | 0.05 | 37.1 | 36.3 |
| -50 | 0.01 | 0.10 | 0.32 | 0.69 | 1.20 | 1.83 | 2.47 | 2.80 | 2.86 | 2.88 | 2.87 | 2.58 | 1.96 | 1.31 | 0.78 | 0.43 | 0.19 | 0.04 | 25.3 | 24.0 |
| -60 | 0.01 | 0.08 | 0.23 | 0.49 | 0.83 | 1.23 | 1.58 | 1.74 | 1.75 | 1.77 | 1.79 | 1.66 | 1.31 | 0.90 | 0.54 | 0.31 | 0.15 | 0.04 | 16.4 | 14.1 |
| -70 | 0.01 | 0.05 | 0.15 | 0.30 | 0.51 | 0.74 | 0.91 | 0.96 | 0.95 | 0.96 | 1.00 | 0.96 | 0.79 | 0.55 | 0.34 | 0.20 | 0.11 | 0.03 | 9.52 | 2.37 |
| -80 | 0.01 | 0.03 | 0.08 | 0.16 | 0.25 | 0.35 | 0.41 | 0.39 | 0.34 | 0.35 | 0.40 | 0.43 | 0.38 | 0.27 | 0.17 | 0.12 | 0.08 | 0.03 | 4.25 | 0.00 |
| -90 | 0.01 | 0.03 | 0.08 | 0.16 | 0.25 | 0.35 | 0.41 | 0.39 | 0.34 | 0.35 | 0.40 | 0.43 | 0.38 | 0.27 | 0.17 | 0.12 | 0.08 | 0.03 | 4.25 | 0.00 |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL (DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| Φ t | 0.26 | 2.03 | 6.68 | 15.2 | 28.6 | 47.2 | 68.4 | 86.5 | 96.3 | 97.0 | 89.3 | 73.7 | 53.9 | 35.0 | 20.1 | 10.1 | 4.05 | 0.86 | 746 | |
| Φ a | 0.00 | 0.00 | 3.35 | 12.9 | 26.5 | 45.2 | 66.5 | 84.6 | 94.4 | 95.1 | 87.4 | 71.8 | 52.0 | 32.9 | 18.0 | 8.02 | 1.67 | 0.00 | | 701 |

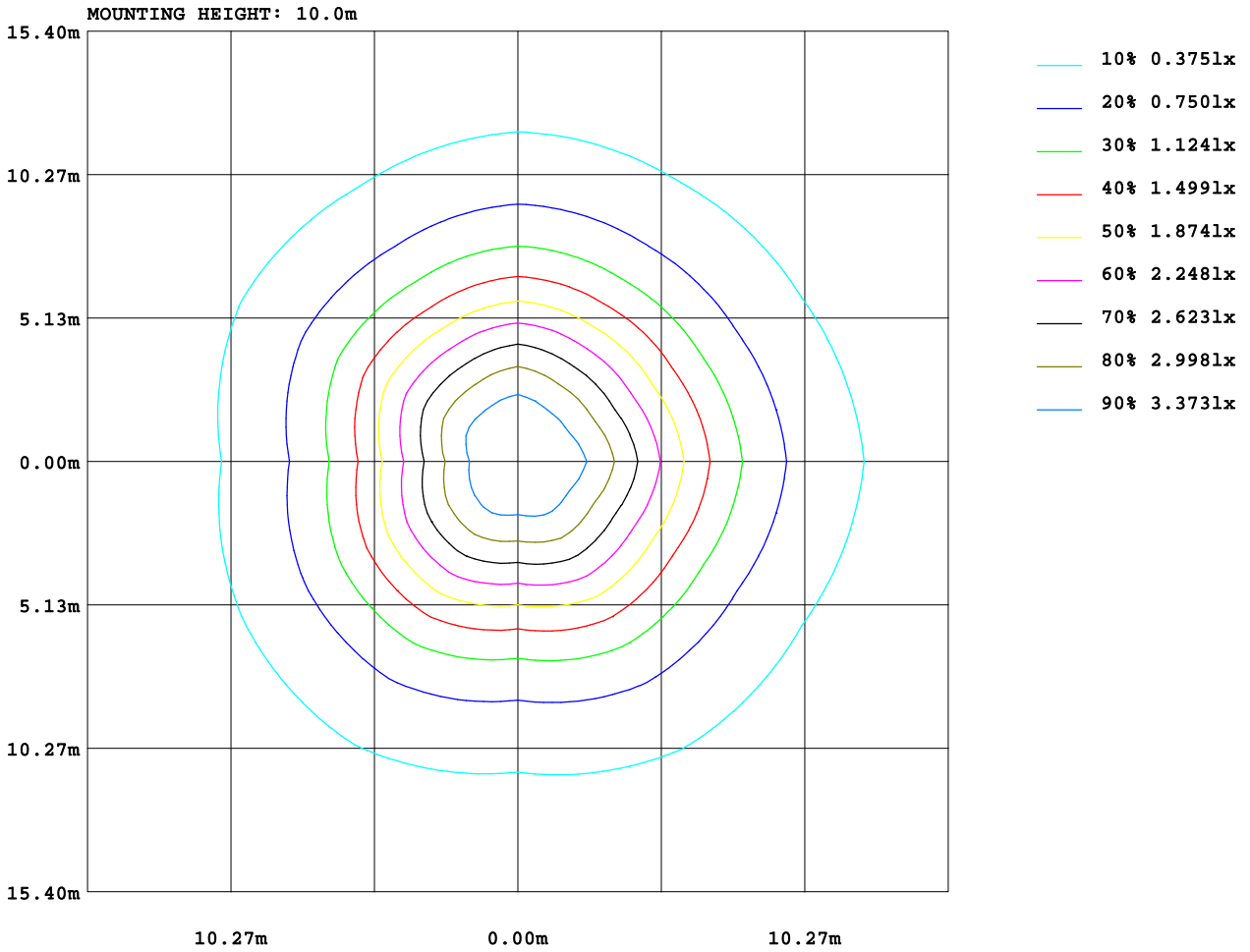
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2025年02月27日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.800 m
 Remarks:

ISOLUX DIAGRAM

Report number:

| | | | |
|----------------|--------------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: 200W | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 6500 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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