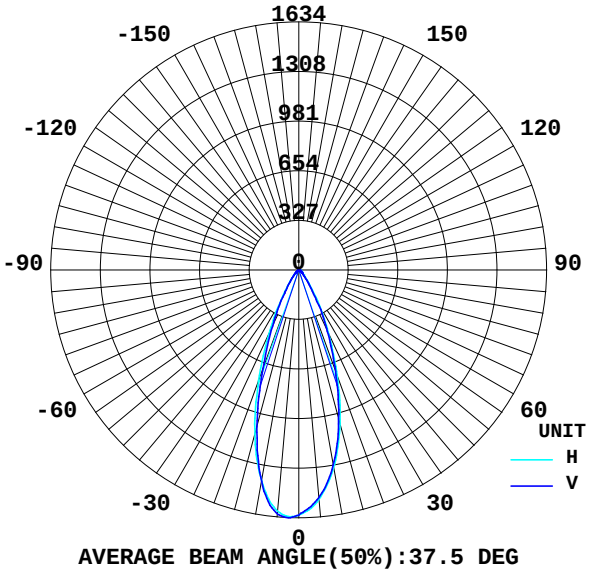
# LUMINAIRE PHOTOMETRIC TEST REPORT

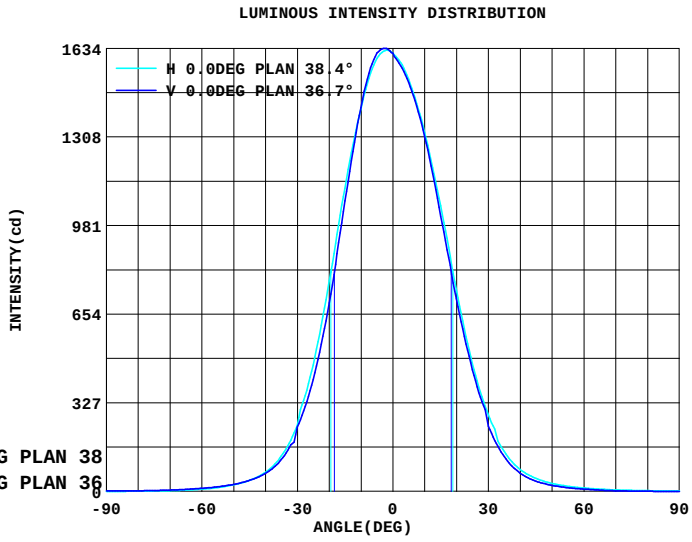
Report number:

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

| | | | | | |
|---|---|---|---|---|---|
| MODEL: | | | | | |
| NOMINAL POWER(W): | 10 | Imax(cd): | 1634 | Voltage(V) | 11.94 |
| RATED VOLTAGE(V): | 12 | AVAILABILITY(%): | 85.8 | Current(A) | 0.838 |
| NOMINAL FLUX(lm): | 796 | Avai. FLUX(lm): | 683.4 | Power(W) | 10.02 |
| TEST FLUX(lm): | 796 | EFFICIENCY(%): | 100.0 | Power Factor(PF) | 1.000 |
| LAMPS QUANTITY : | 1 | TOTAL FLUX(lm): | 796.1 | EFFICIENCY(lm/W) | 79.5 |
| Effictive Flux(lm) : | 683.4 | θ @50%(H, V): | 37.9,36.8DEG | EEI: | 0.177 |




AVERAGE BEAM ANGLE(50%):37.5 DEG




Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

# Color Temperature Data List

Report number:

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

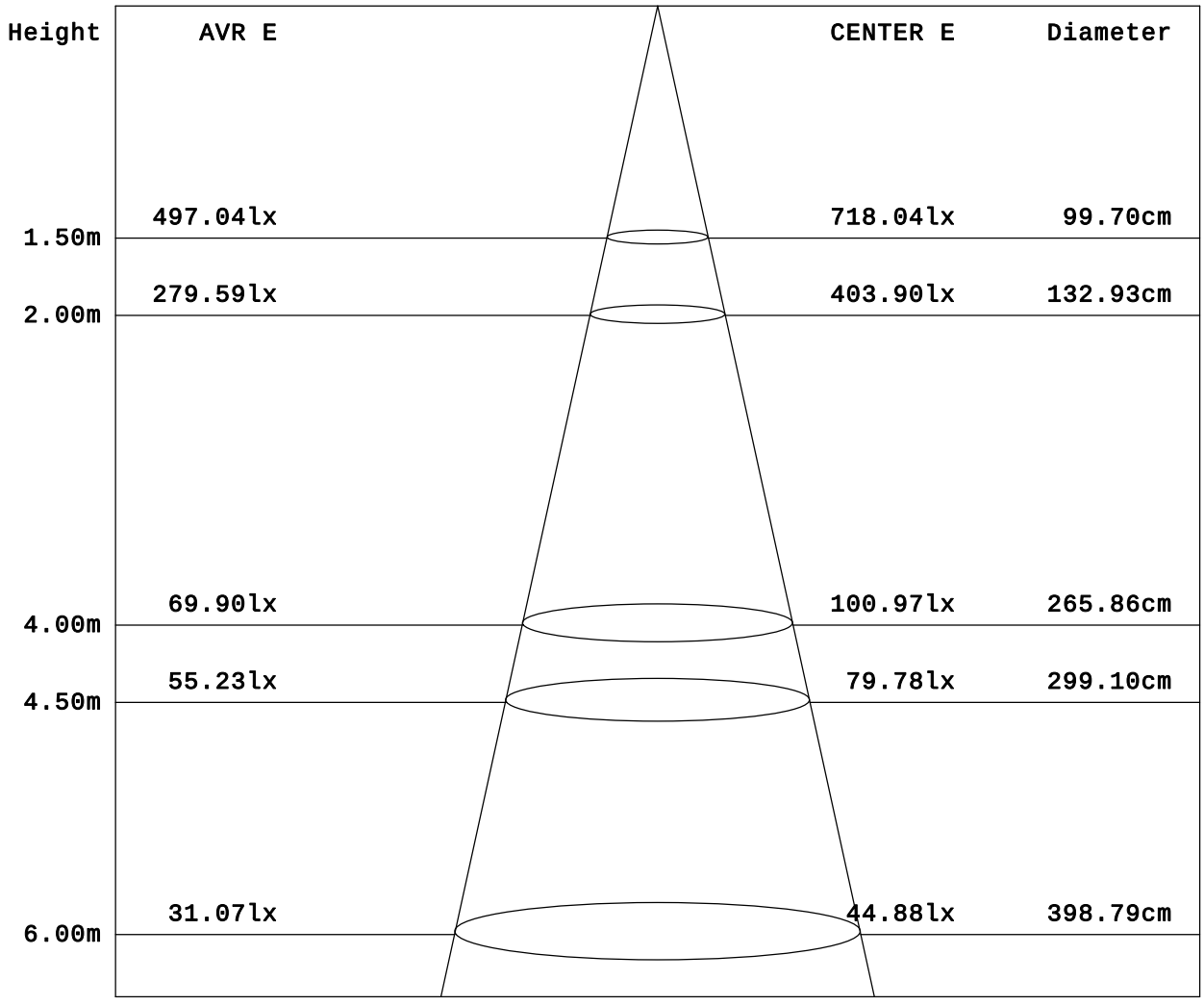
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s  C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

# AVERAGE AND CENTER E Figure

Report number:

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




Angle:36.8deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

# AREA LUMINOUS FLUX

Report number:

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

AREA FLUX DIAGRAM — UNIT:lm

| VERTICAL(DEG) | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | Φ t | Φ a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 0.09 | 0.13 | 0.18 | 0.23 | 0.29 | 0.34 | 0.38 | 0.40 | 0.40 | 0.38 | 0.36 | 0.33 | 0.28 | 0.23 | 0.18 | 0.14 | 0.11 | 0.08 | 4.52 | 0.00 |
| 40 | 0.12 | 0.18 | 0.26 | 0.35 | 0.46 | 0.56 | 0.66 | 0.72 | 0.73 | 0.71 | 0.66 | 0.57 | 0.46 | 0.36 | 0.27 | 0.20 | 0.14 | 0.10 | 7.50 | 0.00 |
| 35 | 0.15 | 0.23 | 0.36 | 0.54 | 0.74 | 0.96 | 1.19 | 1.35 | 1.39 | 1.34 | 1.22 | 1.01 | 0.79 | 0.57 | 0.40 | 0.28 | 0.19 | 0.13 | 12.8 | 4.32 |
| 30 | 0.18 | 0.30 | 0.49 | 0.79 | 1.20 | 1.70 | 2.18 | 2.54 | 2.68 | 2.61 | 2.34 | 1.89 | 1.36 | 0.92 | 0.61 | 0.39 | 0.25 | 0.16 | 22.6 | 17.8 |
| 25 | 0.22 | 0.38 | 0.65 | 1.12 | 1.92 | 2.78 | 3.60 | 4.20 | 4.42 | 4.28 | 3.84 | 3.12 | 2.30 | 1.50 | 0.91 | 0.55 | 0.33 | 0.20 | 36.3 | 32.6 |
| 20 | 0.26 | 0.46 | 0.83 | 1.55 | 2.67 | 4.08 | 5.40 | 6.32 | 6.64 | 6.41 | 5.70 | 4.59 | 3.37 | 2.26 | 1.33 | 0.75 | 0.42 | 0.25 | 53.3 | 50.2 |
| 15 | 0.29 | 0.53 | 1.01 | 1.96 | 3.42 | 5.33 | 7.28 | 8.49 | 8.95 | 8.71 | 7.73 | 6.17 | 4.54 | 3.02 | 1.82 | 0.96 | 0.52 | 0.29 | 71.0 | 68.2 |
| | 0.31 | 0.58 | 1.14 | 2.28 | 4.03 | 6.33 | 8.59 | 10.2 | 10.8 | 10.5 | 9.51 | 7.69 | 5.62 | 3.69 | 2.21 | 1.17 | 0.60 | 0.32 | 85.7 | 83.2 |
| | 0.31 | 0.60 | 1.18 | 2.42 | 4.32 | 6.84 | 9.33 | 11.2 | 12.0 | 11.6 | 10.5 | 8.65 | 6.34 | 4.13 | 2.45 | 1.31 | 0.66 | 0.35 | 94.3 | 91.8 |
| | 0.30 | 0.57 | 1.12 | 2.32 | 4.16 | 6.63 | 9.23 | 11.3 | 12.3 | 12.0 | 10.7 | 8.82 | 6.48 | 4.18 | 2.47 | 1.32 | 0.66 | 0.35 | 95.1 | 92.7 |
| | 0.27 | 0.51 | 0.99 | 2.00 | 3.56 | 5.68 | 8.07 | 10.2 | 11.4 | 11.3 | 10.0 | 8.21 | 5.96 | 3.82 | 2.26 | 1.19 | 0.61 | 0.33 | 86.6 | 84.0 |
| -15 | 0.24 | 0.43 | 0.81 | 1.54 | 2.77 | 4.33 | 6.18 | 8.08 | 9.28 | 9.32 | 8.40 | 6.88 | 4.92 | 3.16 | 1.89 | 0.99 | 0.53 | 0.29 | 70.0 | 67.1 |
| -20 | 0.20 | 0.35 | 0.61 | 1.06 | 1.94 | 2.97 | 4.29 | 5.61 | 6.48 | 6.63 | 6.06 | 4.96 | 3.63 | 2.41 | 1.40 | 0.78 | 0.44 | 0.25 | 50.1 | 46.7 |
| -25 | 0.16 | 0.27 | 0.44 | 0.72 | 1.15 | 1.94 | 2.76 | 3.52 | 4.03 | 4.15 | 3.85 | 3.20 | 2.43 | 1.61 | 0.97 | 0.58 | 0.35 | 0.21 | 32.3 | 28.3 |
| -30 | 0.13 | 0.20 | 0.31 | 0.47 | 0.72 | 1.08 | 1.58 | 2.05 | 2.35 | 2.42 | 2.27 | 1.90 | 1.41 | 0.99 | 0.65 | 0.42 | 0.27 | 0.17 | 19.4 | 14.1 |
| -35 | 0.10 | 0.15 | 0.22 | 0.31 | 0.46 | 0.65 | 0.86 | 1.05 | 1.19 | 1.24 | 1.17 | 1.02 | 0.82 | 0.61 | 0.43 | 0.30 | 0.20 | 0.13 | 10.9 | 2.22 |
| -40 | 0.07 | 0.11 | 0.15 | 0.21 | 0.30 | 0.39 | 0.50 | 0.59 | 0.66 | 0.68 | 0.65 | 0.58 | 0.49 | 0.38 | 0.29 | 0.20 | 0.14 | 0.10 | 6.49 | 0.00 |
| -45 | 0.05 | 0.08 | 0.11 | 0.15 | 0.20 | 0.25 | 0.31 | 0.35 | 0.39 | 0.40 | 0.38 | 0.35 | 0.30 | 0.24 | 0.19 | 0.14 | 0.10 | 0.07 | 4.04 | 0.00 |
| HORIZONTAL(DEG) | | | | | | | | | | | | | | | | | | | | |
| Φ t | 3.44 | 6.06 | 10.8 | 20.0 | 34.3 | 52.8 | 72.4 | 88.3 | 96.3 | 94.9 | 85.5 | 70.0 | 51.5 | 34.1 | 20.7 | 11.6 | 6.52 | 3.78 | 796 | |
| Φ a | 0.00 | 0.00 | 3.36 | 15.1 | 30.0 | 49.1 | 68.8 | 85.1 | 93.0 | 91.7 | 82.3 | 66.6 | 47.8 | 30.0 | 15.9 | 4.71 | 0.00 | 0.00 | | 683 |

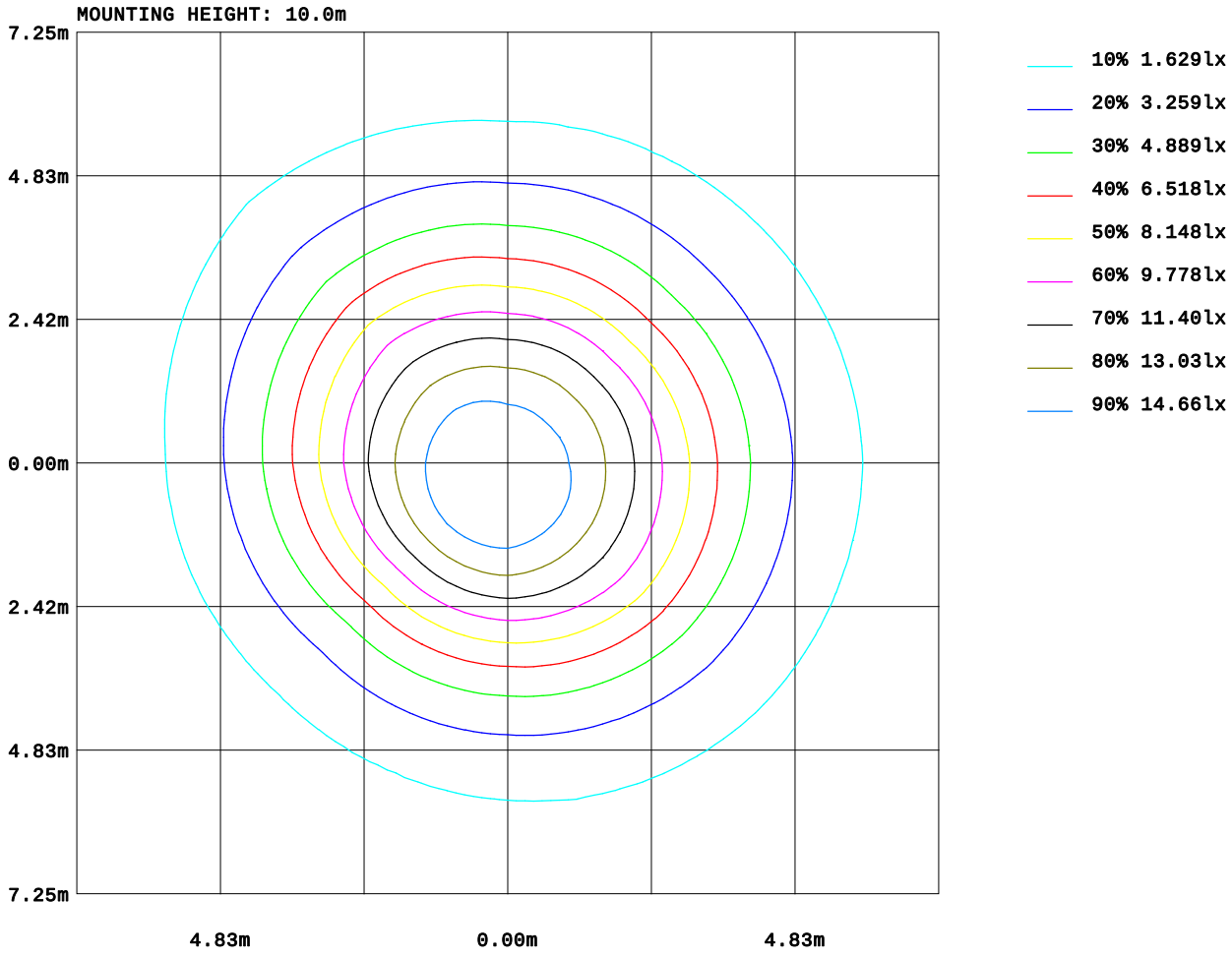
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

# ISOLUX DIAGRAM

Report number:

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




Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年07月10日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: