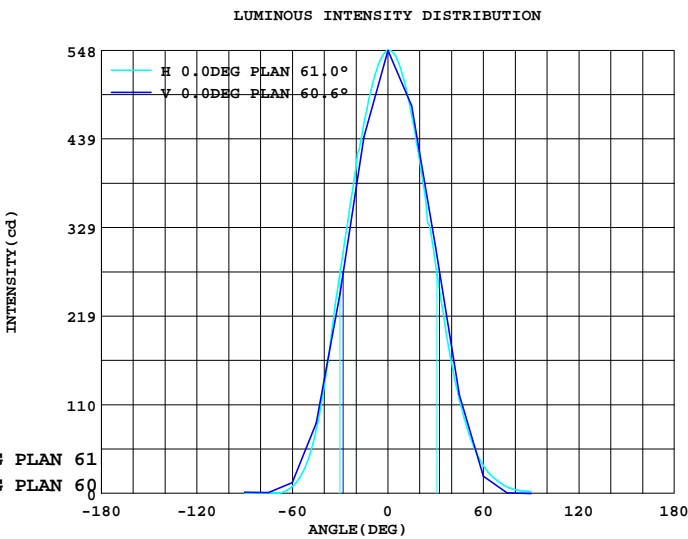
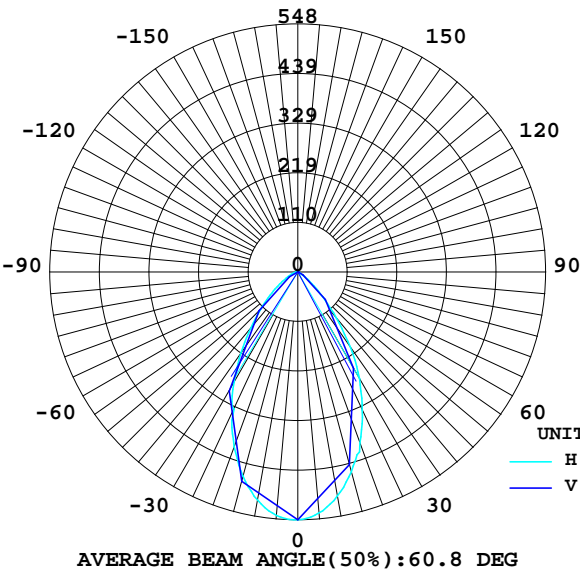


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | | |
|--------------------------------|-----------|------------|-------------|
| MANUFACTURER: LI-TIAN LIGHTING | | | |
| Address: | | | |
| NAME: SL-8W-30K-60D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| | | | | | |
|----------------------|-------|------------------|--------------|------------------|-------|
| MODEL: | | | | | |
| NOMINAL POWER(W): | 9 | Imax(cd): | 548.1 | Voltage(V) | 220.0 |
| RATED VOLTAGE(V): | 220 | AVAILABILITY(%): | 93.1 | Current(A) | 0.068 |
| NOMINAL FLUX(lm): | 589.9 | Avai. FLUX(lm): | 549.5 | Power(W) | 9.220 |
| TEST FLUX(lm): | 589.9 | EFFICIENCY(%): | 100.0 | Power Factor(PF) | 0.613 |
| LAMPS QUANTITY : | 1 | TOTAL FLUX(lm): | 589.9 | EFFICIENCY(lm/W) | 64.0 |
| Effictive Flux(lm) : | 549.5 | θ @50%(H, V): | 61.0,60.6DEG | EEl: | 0.194 |



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月18日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

Color Temperature Data List

Report number:

| | | | |
|--------------------------------|-----------|------------|-------------|
| MANUFACTURER: LI-TIAN LIGHTING | | | |
| Address: | | | |
| NAME: SL-8W-30K-60D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |

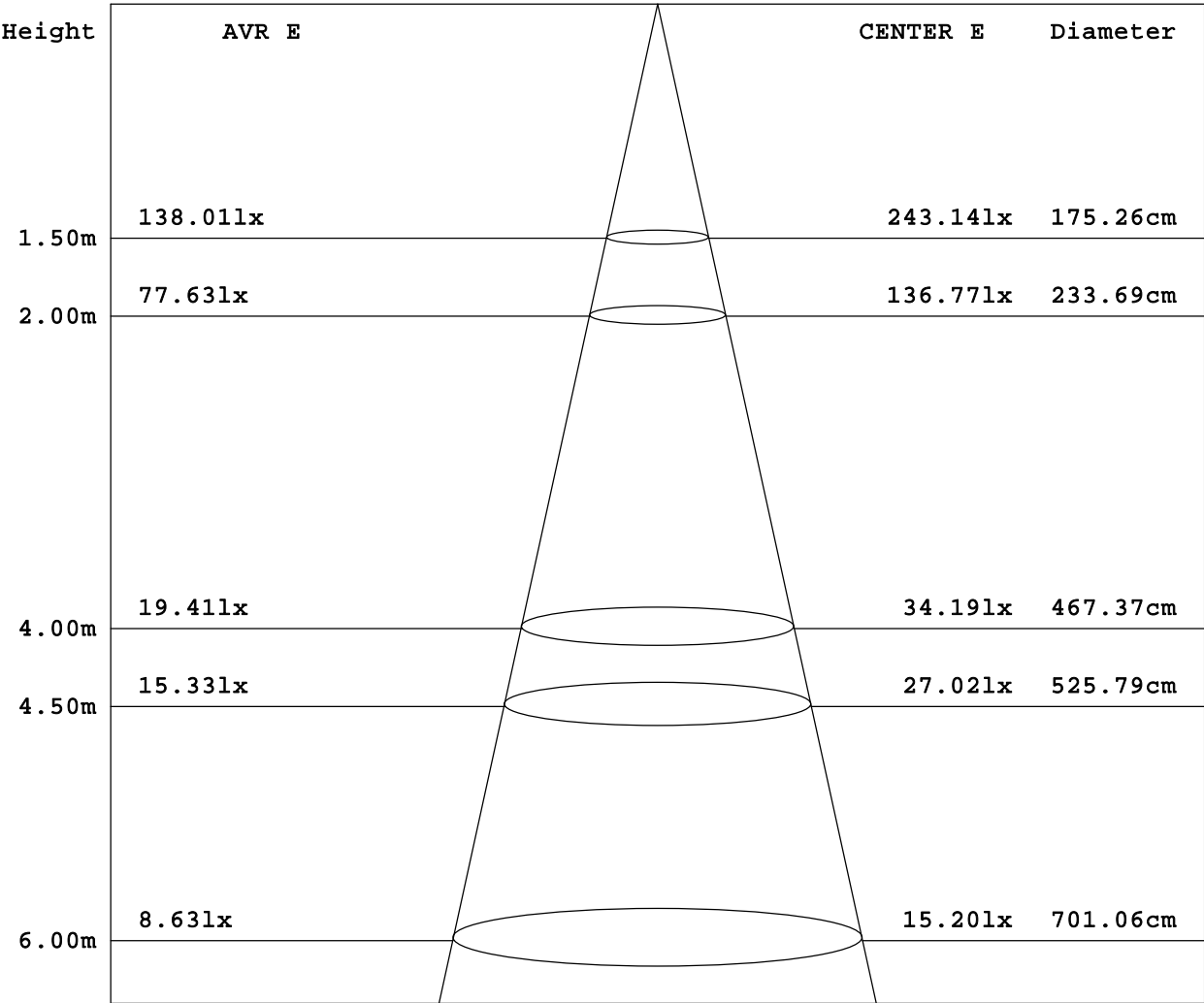
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月18日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

| | | | |
|--------------------------------|-----------|------------|-------------|
| MANUFACTURER: LI-TIAN LIGHTING | | | |
| Address: | | | |
| NAME: SL-8W-30K-60D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |



Angle:60.6deg

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月18日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

| | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|--|--|--|-----------|--|--|--|--|------------|--|--|--|--|-------------|--|--|--|--|
| MANUFACTURER: LI-TIAN LIGHTING | | | | | | | | | | | | | | | | | | | |
| Address: | | | | | | | | | | | | | | | | | | | |
| NAME: SL-8W-30K-60D | | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPECIFICATION: | | | | | CCT(K): 0 | | | | | DIMENSION: | | | | | 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| 70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.05 | 0.06 | 0.05 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | |
| 60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.13 | 0.33 | 0.58 | 0.79 | 0.88 | 0.81 | 0.64 | 0.43 | 0.25 | 0.12 | 0.04 | 0.01 | 0.00 | 5.03 | 0.00 | |
| 50 | 0.00 | 0.00 | 0.01 | 0.03 | 0.14 | 0.47 | 1.05 | 1.83 | 2.50 | 2.70 | 2.38 | 1.76 | 1.11 | 0.59 | 0.26 | 0.09 | 0.02 | 0.00 | 14.9 | 9.98 | |
| 40 | 0.00 | 0.01 | 0.02 | 0.07 | 0.37 | 1.03 | 2.26 | 3.91 | 5.34 | 5.73 | 4.96 | 3.58 | 2.19 | 1.13 | 0.48 | 0.15 | 0.03 | 0.00 | 31.3 | 28.7 | |
| 30 | 0.00 | 0.00 | 0.01 | 0.22 | 0.99 | 2.92 | 6.15 | 9.12 | 10.8 | 10.7 | 8.96 | 6.22 | 3.59 | 1.73 | 0.70 | 0.23 | 0.05 | 0.01 | 62.5 | 60.7 | |
| 20 | 0.00 | 0.01 | 0.04 | 0.32 | 1.33 | 3.96 | 8.09 | 11.8 | 14.2 | 14.3 | 12.2 | 8.62 | 4.98 | 2.36 | 0.91 | 0.28 | 0.06 | 0.01 | 83.6 | 82.0 | |
| 10 | 0.01 | 0.04 | 0.09 | 0.42 | 1.65 | 4.91 | 9.67 | 13.9 | 17.3 | 18.0 | 15.7 | 11.4 | 6.66 | 3.12 | 1.16 | 0.33 | 0.06 | 0.00 | 105 | 103 | |
| 0 | 0.00 | 0.00 | 0.03 | 0.42 | 1.93 | 5.49 | 9.84 | 14.1 | 16.8 | 16.9 | 14.1 | 9.76 | 5.61 | 2.59 | 0.97 | 0.31 | 0.07 | 0.01 | 99.0 | 97.7 | |
| -10 | 0.00 | 0.01 | 0.04 | 0.37 | 1.62 | 4.67 | 8.65 | 12.5 | 15.0 | 15.3 | 13.0 | 9.11 | 5.28 | 2.47 | 0.93 | 0.29 | 0.07 | 0.01 | 89.5 | 88.0 | |
| -20 | 0.01 | 0.03 | 0.06 | 0.22 | 0.79 | 2.48 | 5.54 | 8.31 | 10.5 | 11.3 | 10.2 | 7.56 | 4.51 | 2.19 | 0.84 | 0.24 | 0.04 | 0.00 | 65.0 | 63.2 | |
| -30 | 0.00 | 0.00 | 0.00 | 0.09 | 0.45 | 1.31 | 2.89 | 4.48 | 5.36 | 5.36 | 4.46 | 3.14 | 1.89 | 0.97 | 0.42 | 0.16 | 0.04 | 0.01 | 31.0 | 28.4 | |
| -40 | 0.00 | 0.01 | 0.01 | 0.02 | 0.13 | 0.37 | 0.95 | 1.69 | 2.11 | 2.13 | 1.74 | 1.27 | 0.84 | 0.49 | 0.25 | 0.10 | 0.03 | 0.00 | 12.1 | 6.77 | |
| -50 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.11 | 0.19 | 0.22 | 0.24 | 0.23 | 0.20 | 0.14 | 0.05 | 0.01 | 0.00 | 1.47 | 0.00 | |
| -60 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.04 | 0.05 | 0.06 | 0.07 | 0.07 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.00 | 0.50 | 0.00 | |
| -70 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.13 | 0.00 | |
| -80 | 0.00 | 0.00 | 0.01 | 0.01 | 0.06 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.15 | 0.00 | |
| -90 | 0.00 | 0.00 | 0.01 | 0.01 | 0.06 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | | | |
| -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 | | | | | | | | | | | | | | | | | | | | | |
| Φ t | 0.04 | 0.14 | 0.37 | 2.22 | 9.53 | 27.8 | 55.5 | 82.4 | 101 | 104 | 89.0 | 63.5 | 37.4 | 18.2 | 7.23 | 2.29 | 0.51 | 0.06 | 590 | | |
| Φ a | 0.00 | 0.00 | 0.00 | 0.00 | 6.02 | 25.3 | 53.9 | 80.9 | 99.3 | 102 | 86.8 | 61.2 | 35.2 | 15.2 | 2.94 | 0.00 | 0.00 | 0.00 | | 550 | |

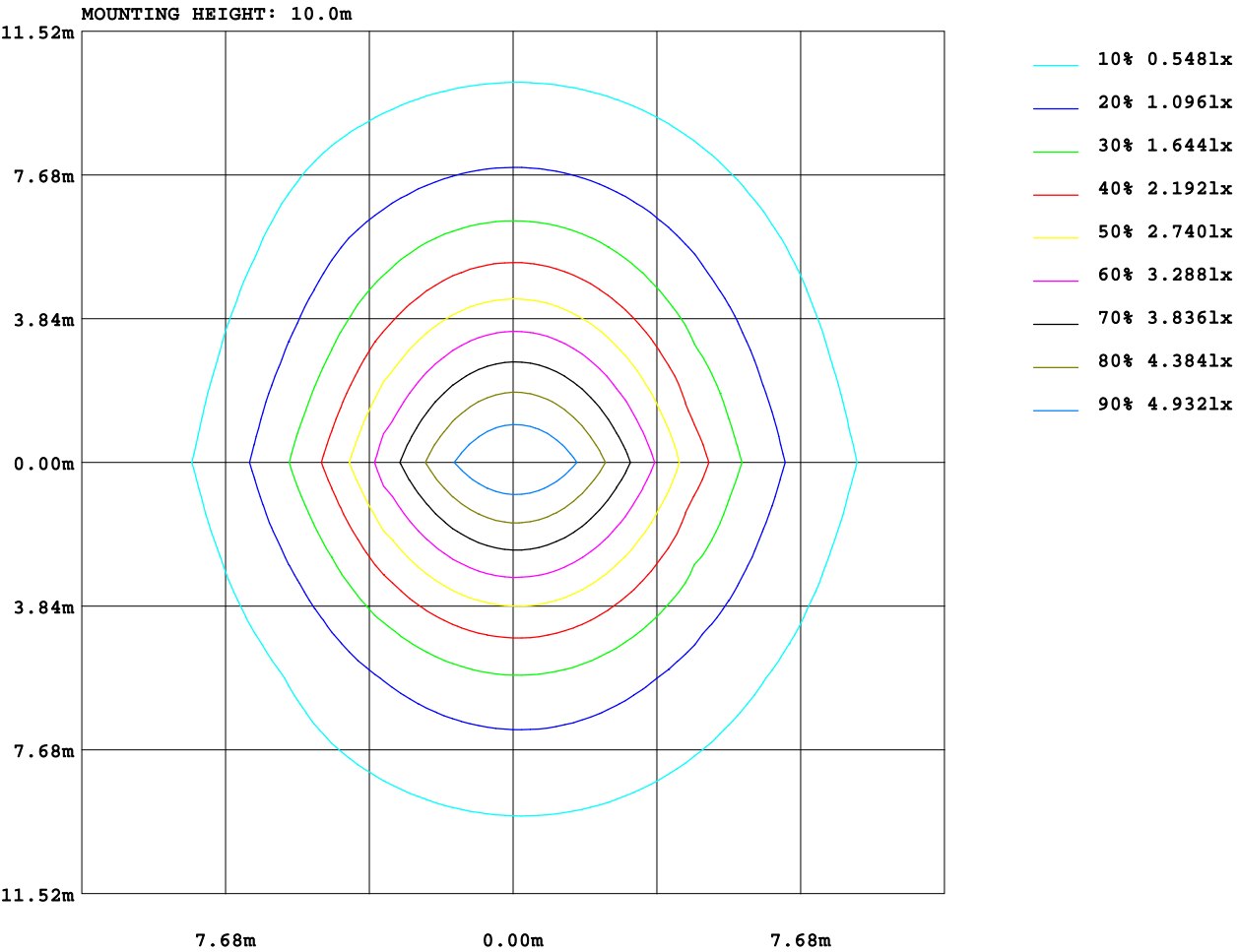
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月18日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

| | | | |
|--------------------------------|-----------|------------|-------------|
| MANUFACTURER: LI-TIAN LIGHTING | | | |
| Address: | | | |
| NAME: SL-8W-30K-60D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1900
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