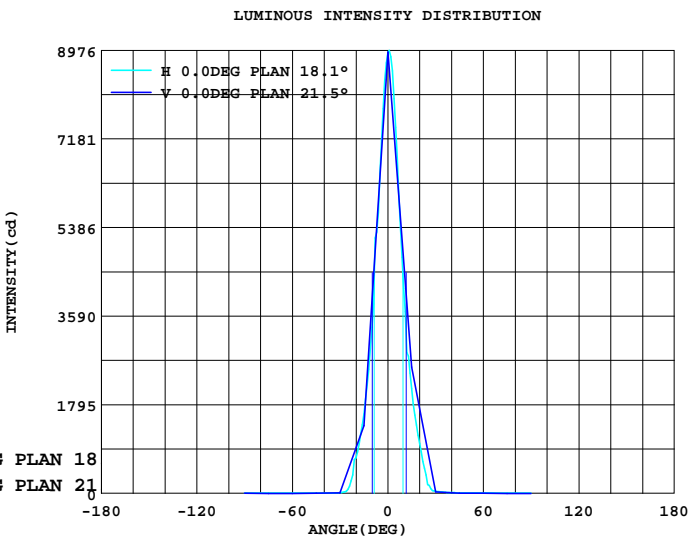
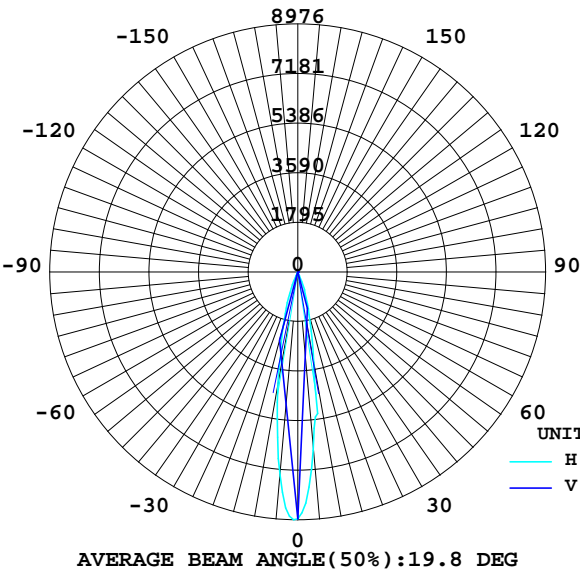


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

| | | | |
|----------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: SL-15W-30K-18D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |

| | | | | | |
|----------------------|--------|------------------|--------------|------------------|-------|
| MODEL: | | | | | |
| NOMINAL POWER(W): | 16 | Imax(cd): | 8976 | Voltage(V) | 219.8 |
| RATED VOLTAGE(V): | 220 | AVAILABILITY(%): | 86.5 | Current(A) | 0.114 |
| NOMINAL FLUX(lm): | 1269.6 | Avai. FLUX(lm): | 1098.6 | Power(W) | 15.36 |
| TEST FLUX(lm): | 1269.6 | EFFICIENCY(%): | 100.0 | Power Factor(PF) | 0.612 |
| LAMPS QUANTITY : | 1 | TOTAL FLUX(lm): | 1269.6 | EFFICIENCY(lm/W) | 82.7 |
| Effictive Flux(lm) : | 1098.6 | θ @50%(H, V): | 18.1,21.5DEG | EEl: | 0.185 |



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月19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: | | | |
| Address: | | | |
| NAME: SL-15W-30K-18D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |

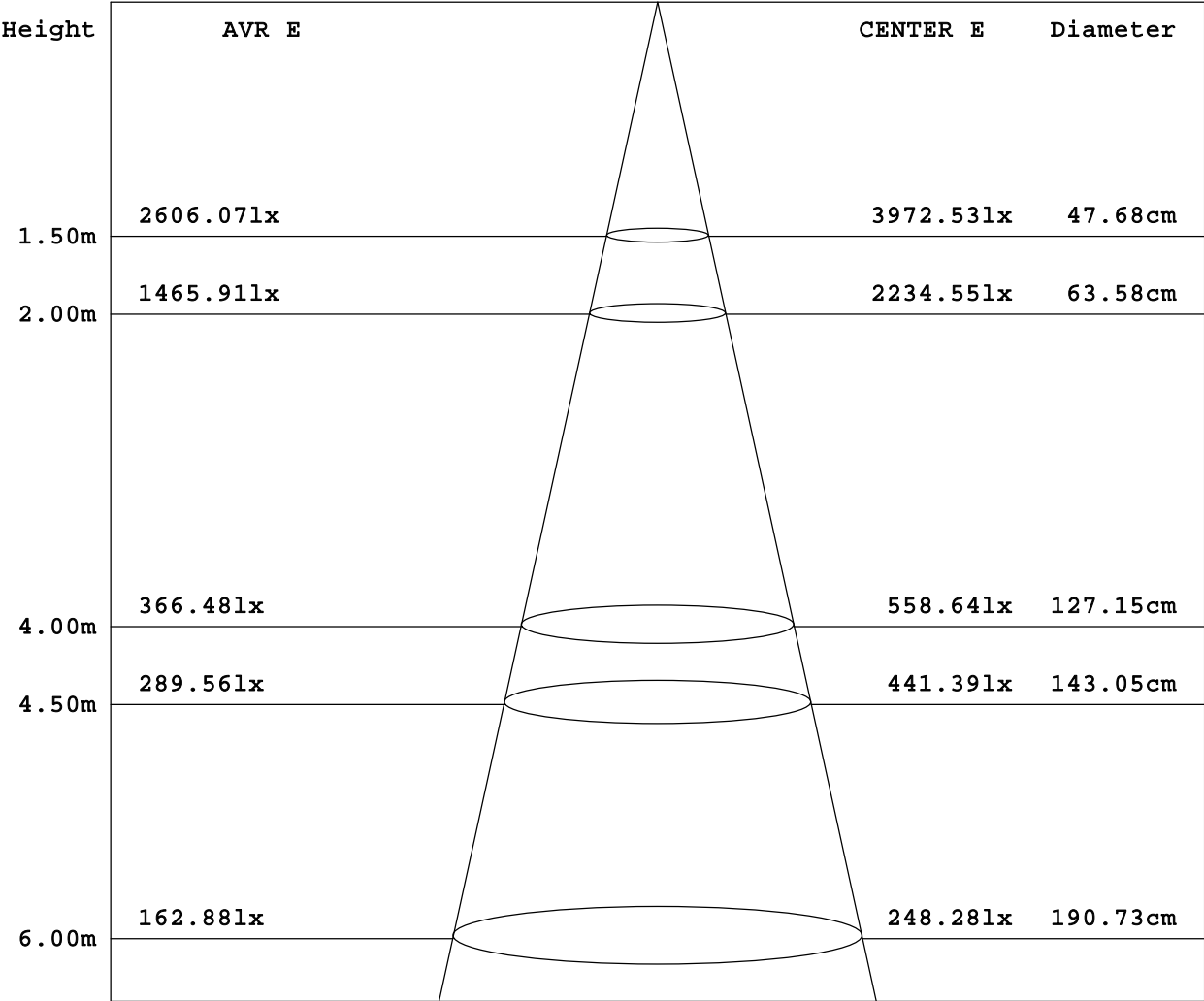
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月19日

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: | | | |
| Address: | | | |
| NAME: SL-15W-30K-18D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |



Angle:18.1deg

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月19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: | | | | | | | | | | | | | | | | | | | |
| Address: | | | | | | | | | | | | | | | | | | | |
| NAME: SL-15W-30K-18D | | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPECIFICATION: | | | | | CCT(K): 0 | | | | | DIMENSION: | | | | | SERIAL No.: | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----|-------------------|------|------|------|------|------|------|------|-------------------|------|------|------|------|------|------|------|---------|------|------|------|
| VERTICAL(DEG) | 27 | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
| | 24 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 | 1.00 | 0.00 |
| | 21 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.10 | 0.11 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.03 | 0.02 | 1.14 | 0.00 |
| | 18 | 0.02 | 0.02 | 0.04 | 0.05 | 0.07 | 0.08 | 0.09 | 0.11 | 0.12 | 0.12 | 0.12 | 0.10 | 0.09 | 0.08 | 0.06 | 0.05 | 0.03 | 0.02 | 1.29 | 0.00 |
| | 15 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.11 | 0.12 | 0.14 | 0.14 | 0.13 | 0.11 | 0.10 | 0.09 | 0.07 | 0.06 | 0.04 | 0.02 | 1.44 | 0.00 |
| | 12 | 0.09 | 0.19 | 0.58 | 1.65 | 2.84 | 4.01 | 5.30 | 6.59 | 7.47 | 7.71 | 7.19 | 6.12 | 4.76 | 3.55 | 2.38 | 1.45 | 0.46 | 0.10 | 62.5 | 56.8 |
| | 9 | 0.10 | 0.22 | 0.69 | 1.95 | 3.35 | 4.73 | 6.26 | 7.78 | 8.82 | 9.10 | 8.49 | 7.22 | 5.62 | 4.19 | 2.81 | 1.71 | 0.53 | 0.11 | 73.7 | 68.7 |
| | | 0.12 | 0.26 | 0.79 | 2.24 | 3.86 | 5.45 | 7.22 | 8.97 | 10.1 | 10.4 | 9.78 | 8.32 | 6.47 | 4.83 | 3.23 | 1.97 | 0.61 | 0.12 | 84.9 | 80.6 |
| | | 0.13 | 0.29 | 0.89 | 2.54 | 4.37 | 6.17 | 8.17 | 10.1 | 11.5 | 11.8 | 11.0 | 9.42 | 7.33 | 5.47 | 3.66 | 2.23 | 0.69 | 0.14 | 96.1 | 92.1 |
| | | 0.15 | 0.32 | 0.99 | 2.83 | 4.88 | 6.89 | 9.13 | 11.3 | 12.8 | 13.2 | 12.3 | 10.5 | 8.19 | 6.10 | 4.08 | 2.49 | 0.77 | 0.15 | 107 | 103 |
| | | 0.14 | 0.99 | 2.14 | 3.56 | 5.71 | 8.55 | 14.9 | 19.9 | 25.1 | 26.2 | 22.5 | 16.5 | 10.8 | 7.32 | 4.68 | 2.98 | 1.59 | 0.44 | 174 | 170 |
| | | 0.15 | 1.14 | 2.43 | 3.93 | 6.28 | 9.45 | 16.8 | 22.4 | 28.5 | 29.8 | 25.5 | 18.5 | 11.9 | 8.06 | 5.14 | 3.28 | 1.81 | 0.50 | 196 | 191 |
| | -9 | 0.16 | 1.29 | 2.73 | 4.30 | 6.85 | 10.3 | 18.6 | 24.9 | 31.8 | 33.3 | 28.4 | 20.4 | 13.1 | 8.80 | 5.60 | 3.58 | 2.02 | 0.56 | 217 | 214 |
| | -12 | 0.17 | 1.44 | 3.02 | 4.68 | 7.42 | 11.2 | 20.4 | 27.5 | 35.1 | 36.8 | 31.3 | 22.4 | 14.3 | 9.55 | 6.06 | 3.89 | 2.24 | 0.63 | 238 | 236 |
| | -15 | 0.18 | 1.58 | 3.31 | 5.05 | 7.99 | 12.1 | 22.3 | 30.0 | 38.5 | 40.3 | 34.2 | 24.4 | 15.5 | 10.2 | 6.51 | 4.19 | 2.45 | 0.69 | 260 | 258 |
| | -18 | 0.05 | 0.02 | 0.05 | 0.31 | 0.92 | 1.49 | 1.67 | 1.79 | 1.68 | 1.68 | 1.82 | 1.94 | 1.78 | 1.33 | 0.72 | 0.17 | 0.02 | 0.01 | 17.5 | 5.73 |
| | -21 | 0.04 | 0.00 | 0.00 | 0.02 | 0.16 | 0.34 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.38 | 0.34 | 0.13 | 0.00 | 0.00 | 0.00 | 1.55 | 0.00 |
| | -24 | 0.02 | 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 | 0.02 | 0.00 |
| | -27 | 0.02 | 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 | 0.02 | 0.00 |
| | | -27 | -24 | -21 | -18 | -15 | -12 | -9 | -6 | HORIZONTAL(DEG) | | | | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| Φ t | | 1.57 | 7.86 | 17.7 | 33.2 | 54.9 | 81.1 | 131 | 172 | 212 | 221 | 193 | 147 | 101 | 70.1 | 45.2 | 28.1 | 13.3 | 3.54 | 1270 | |
| Φ a | | 0.00 | 2.70 | 11.1 | 26.9 | 53.3 | 78.9 | 130 | 171 | 211 | 220 | 192 | 145 | 98.4 | 68.2 | 42.5 | 22.1 | 3.46 | 0.00 | | 1099 |

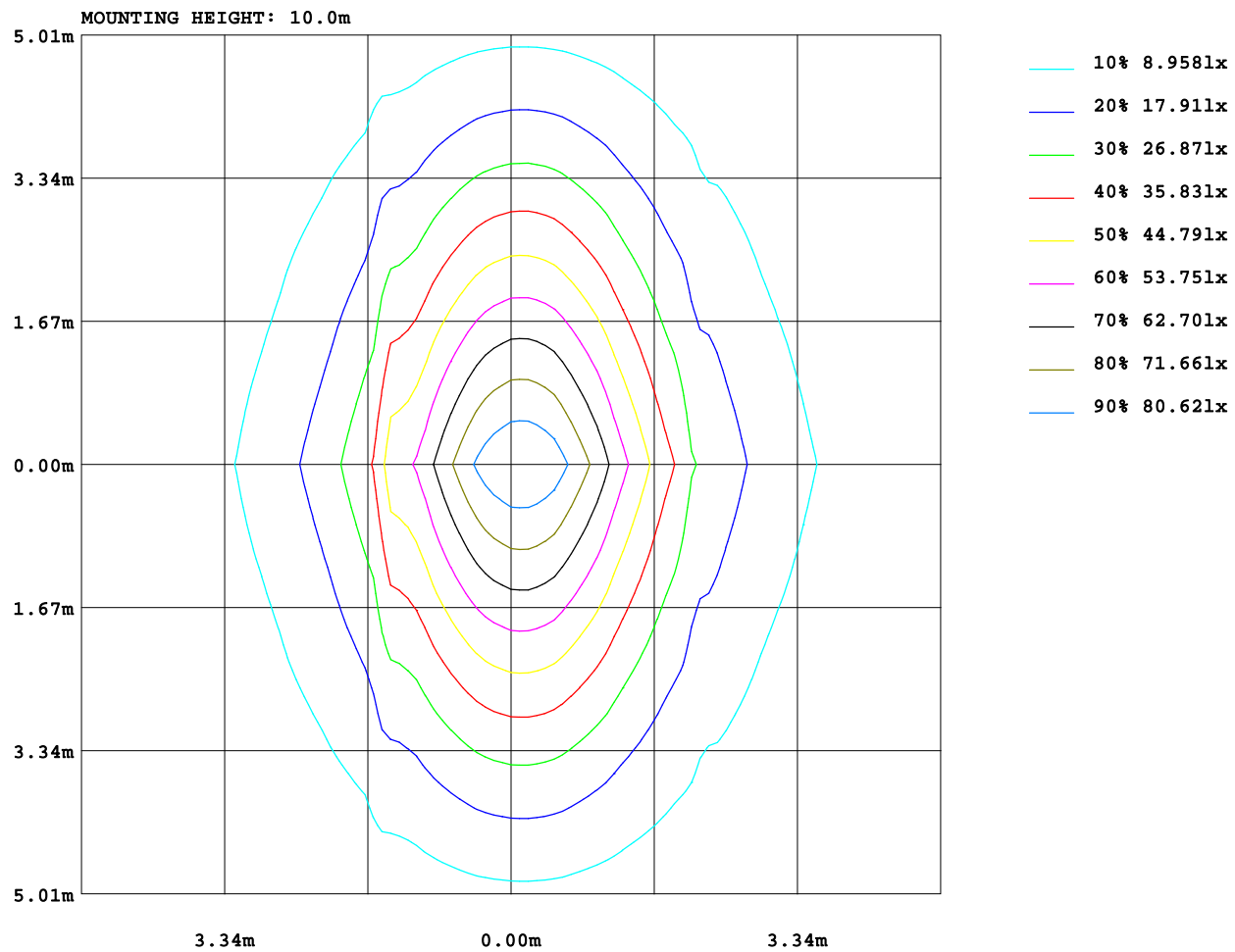
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月19日

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

ISOLUX DIAGRAM

Report number:

| | | | |
|----------------------|-----------|------------|-------------|
| MANUFACTURER: | | | |
| Address: | | | |
| NAME: SL-15W-30K-18D | | TYPE: | WEIGHT: |
| SPECIFICATION: | CCT(K): 0 | DIMENSION: | SERIAL No.: |



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月19日

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