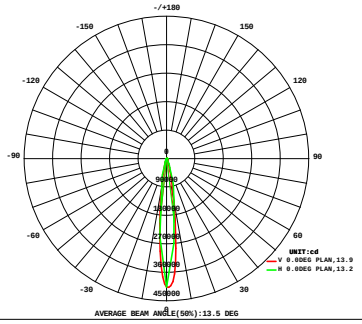
**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

| | | |
|---|---|---|
| Maximum Intensity | | 9310.1 cd per klm. |
| (Luminaire orientation as tested.) | | 0.0 degrees vertical |
| | | 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 35.7V x 30.4H |
| | At 50% of Imax | 13.2V x 13.9H |
| | At 90% of Imax | 4.5V x 6.2H |
| Beam Flux | Total | 996.9 lumens per klm. |
| | To 10% of Imax | 697.0 lumens per klm. |
| | To 50% of Imax | 278.9 lumens per klm. |
| | To 90% of Imax | 30.5 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 99.7 % |
| Luminaire Efficiency(Light Output Ratio) | | 100.0 % |

# LUMINAIRE PHOTOMETRIC TEST REPORT

| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
|---|---|---|
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




| DATA OF LAMP | | Eff:145.09lm/W | |
|---|---|---|---|
| MODEL | | Imax(cd) | 407125 |
| NOMINAL POWER(W) | 300 | AVAILABILITY(%) | 72.8 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 31834 |
| NOMINAL FLUX(lm) | 43729.6 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 43730 |
| TEST VOLTAGE(V) | 220 | q @50%(H,V) | 14,13DEG |

AREA FLUX DIAGRAM UNIT:lm

| VERTICAL(DEG) | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL(DEG) 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | F t | F a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 80 | 0.20 | 0.92 | 1.98 | 3.31 | 4.77 | 6.28 | 7.71 | 8.68 | 9.24 | 9.25 | 8.72 | 7.80 | 6.36 | 4.78 | 3.32 | 1.97 | 0.93 | 0.21 | 86.4 | 0.00 |
| 70 | 0.19 | 1.00 | 2.42 | 4.33 | 6.59 | 9.14 | 12.0 | 14.5 | 16.1 | 16.1 | 14.5 | 12.1 | 9.33 | 6.73 | 4.47 | 2.46 | 1.02 | 0.20 | 133 | 0.00 |
| 60 | 0.23 | 1.23 | 3.04 | 5.71 | 9.09 | 13.6 | 19.6 | 26.1 | 31.0 | 30.6 | 25.7 | 19.5 | 13.9 | 9.33 | 5.90 | 3.16 | 1.24 | 0.23 | 219 | 0.00 |
| 50 | 0.27 | 1.49 | 3.81 | 7.36 | 12.6 | 20.4 | 31.5 | 46.0 | 59.1 | 59.1 | 45.9 | 31.6 | 20.6 | 12.8 | 7.52 | 3.89 | 1.47 | 0.25 | 366 | 0.00 |
| 40 | 0.28 | 1.68 | 4.52 | 9.27 | 17.2 | 29.5 | 46.7 | 67.9 | 94.5 | 99.7 | 71.0 | 47.5 | 29.9 | 17.5 | 9.53 | 4.66 | 1.74 | 0.29 | 553 | 0.00 |
| 30 | 0.28 | 1.81 | 5.10 | 11.2 | 22.3 | 41.2 | 62.2 | 107 | 221 | 243 | 122 | 64.9 | 41.8 | 23.1 | 12.1 | 5.71 | 2.16 | 0.37 | 987 | 0.00 |
| -30 | 0.31 | 2.00 | 5.73 | 13.2 | 28.3 | 53.7 | 93.5 | 348 | 1081 | 1186 | 416 | 99.9 | 53.9 | 30.5 | 15.4 | 7.00 | 2.62 | 0.47 | 3438 | 1670 |
| -40 | 0.33 | 2.15 | 6.27 | 15.0 | 34.6 | 69.2 | 176 | 989 | 4473 | 5144 | 1132 | 167 | 62.6 | 37.5 | 18.0 | 7.83 | 2.88 | 0.52 | 12338 | 10820 |
| -50 | 0.34 | 2.22 | 6.48 | 15.7 | 37.0 | 77.6 | 226 | 1360 | 7346 | 7188 | 1291 | 180 | 63.8 | 38.4 | 18.4 | 7.94 | 2.90 | 0.52 | 17862 | 16358 |
| -60 | 0.34 | 2.18 | 6.26 | 14.5 | 31.4 | 58.9 | 126 | 597 | 1714 | 1451 | 499 | 110 | 58.8 | 33.2 | 16.8 | 7.52 | 2.82 | 0.52 | 4731 | 2986 |
| -70 | 0.33 | 2.10 | 5.74 | 12.6 | 24.8 | 45.4 | 74.7 | 166 | 318 | 300 | 143 | 75.7 | 51.8 | 27.6 | 14.9 | 7.01 | 2.70 | 0.51 | 1273 | 0.00 |
| -80 | 0.35 | 2.03 | 5.19 | 10.7 | 20.1 | 35.8 | 61.4 | 91.9 | 110 | 103 | 85.6 | 67.7 | 41.2 | 24.6 | 13.6 | 6.72 | 2.68 | 0.53 | 683 | 0.00 |
| -90 | 0.38 | 2.01 | 4.84 | 9.37 | 16.6 | 27.0 | 40.8 | 57.0 | 64.3 | 62.7 | 55.9 | 41.0 | 29.4 | 19.5 | 11.5 | 6.18 | 2.58 | 0.53 | 452 | 0.00 |
| F t | 5.09 | 28.5 | 73.8 | 153 | 297 | 531 | 1034 | 3943 | 15606 | 15961 | 3975 | 980 | 527 | 317 | 173 | 84.8 | 33.8 | 6.60 | 43730 | --- |
| F a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1752 | 13925 | 14543 | 1614 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 31834 |

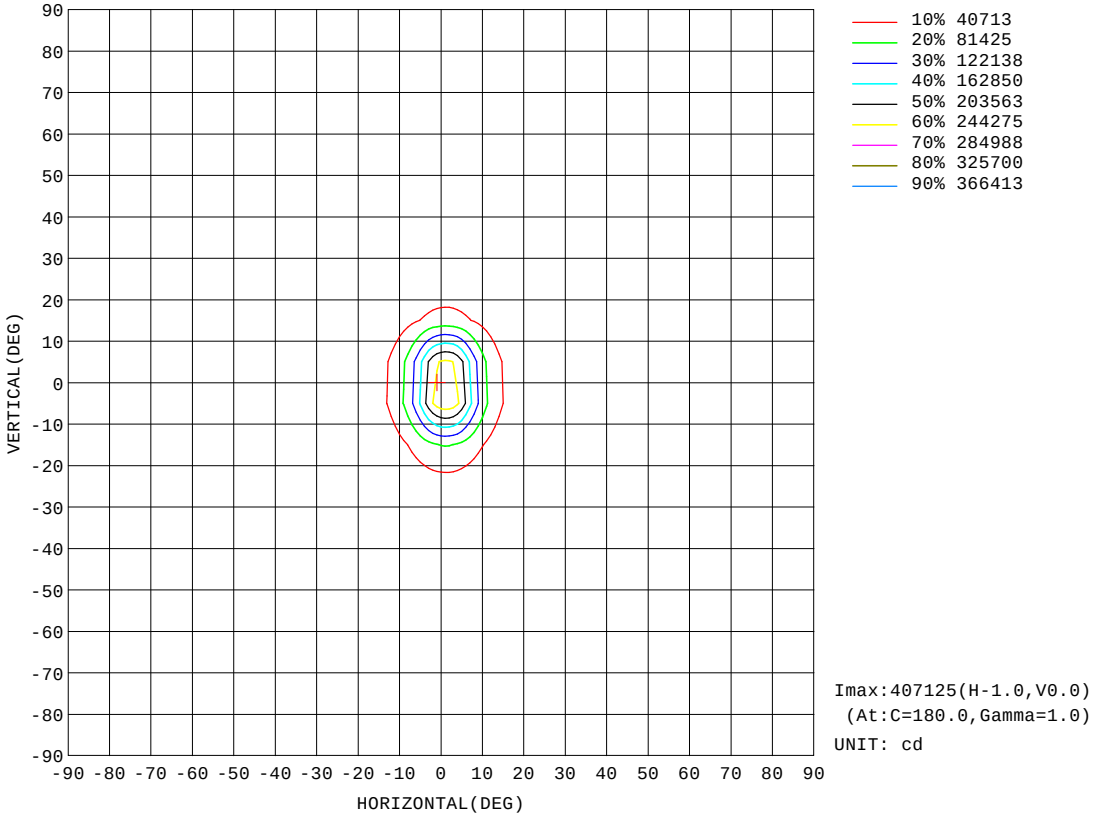
**one-half-peak spread: U:7.1,D:6.2 , L:6.9,R:7.1** **NEMA Beam Type: Type 3**

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

# ISOCANDELA DIAGRAM

| | | |
|---|---|---|
| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

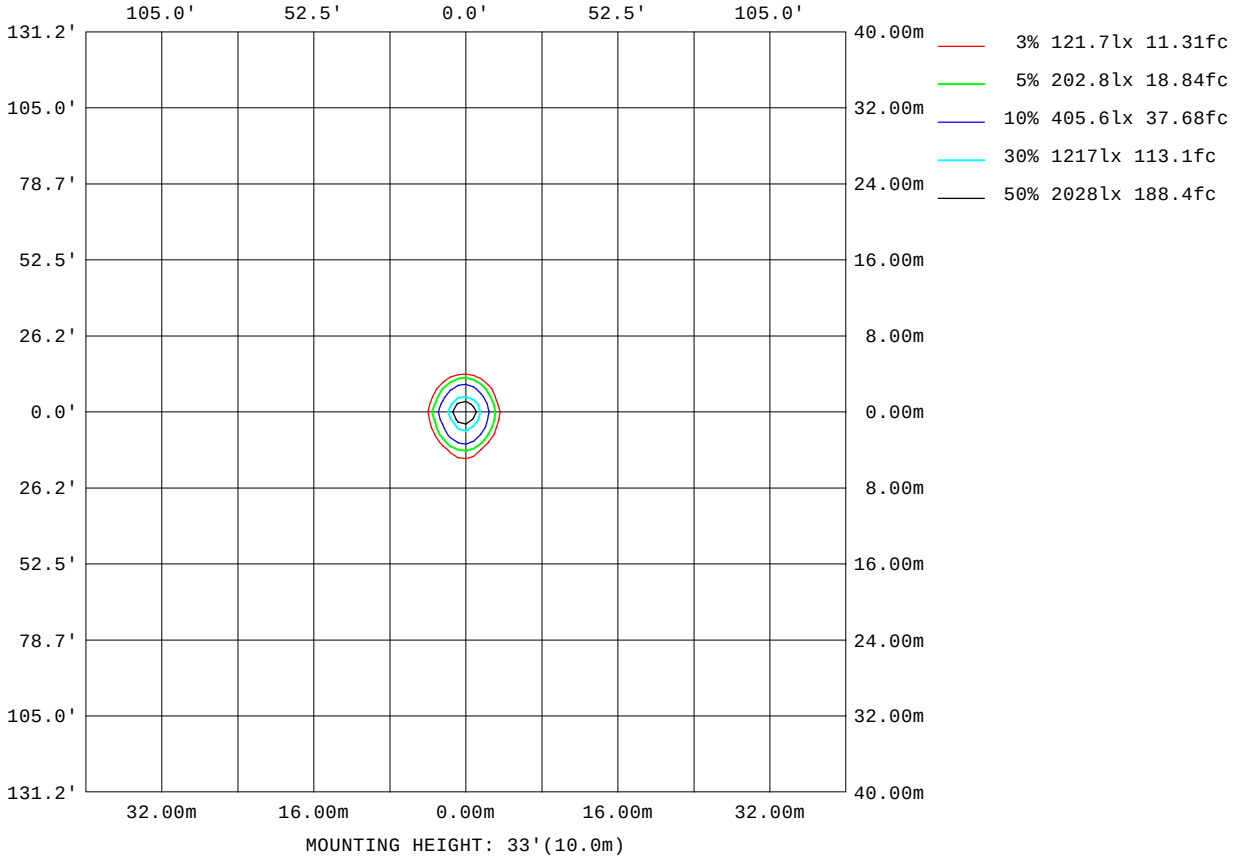



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

# ISOLUX DIAGRAM

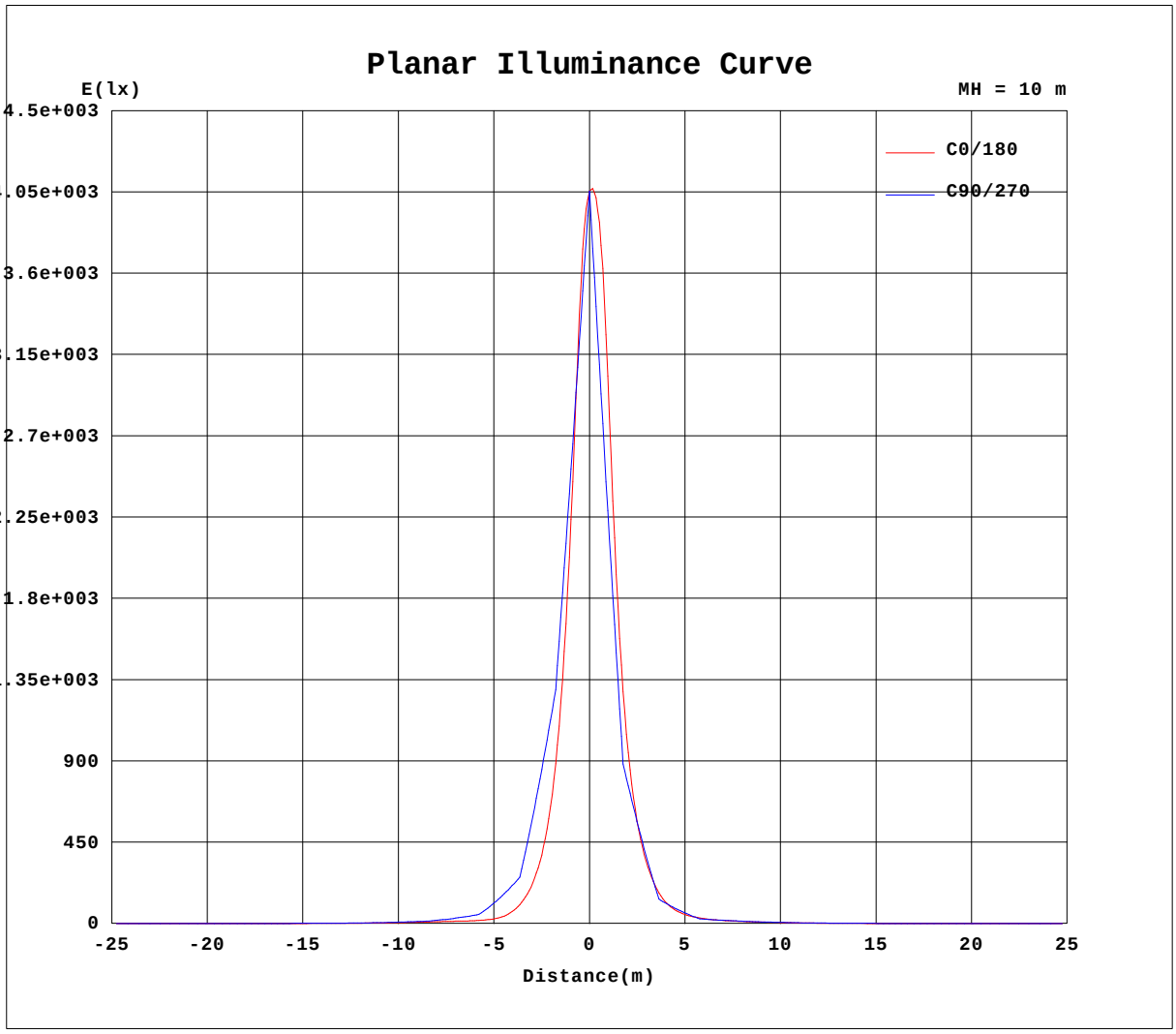
| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
|---|---|---|
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

## Planar Illuminance Curve



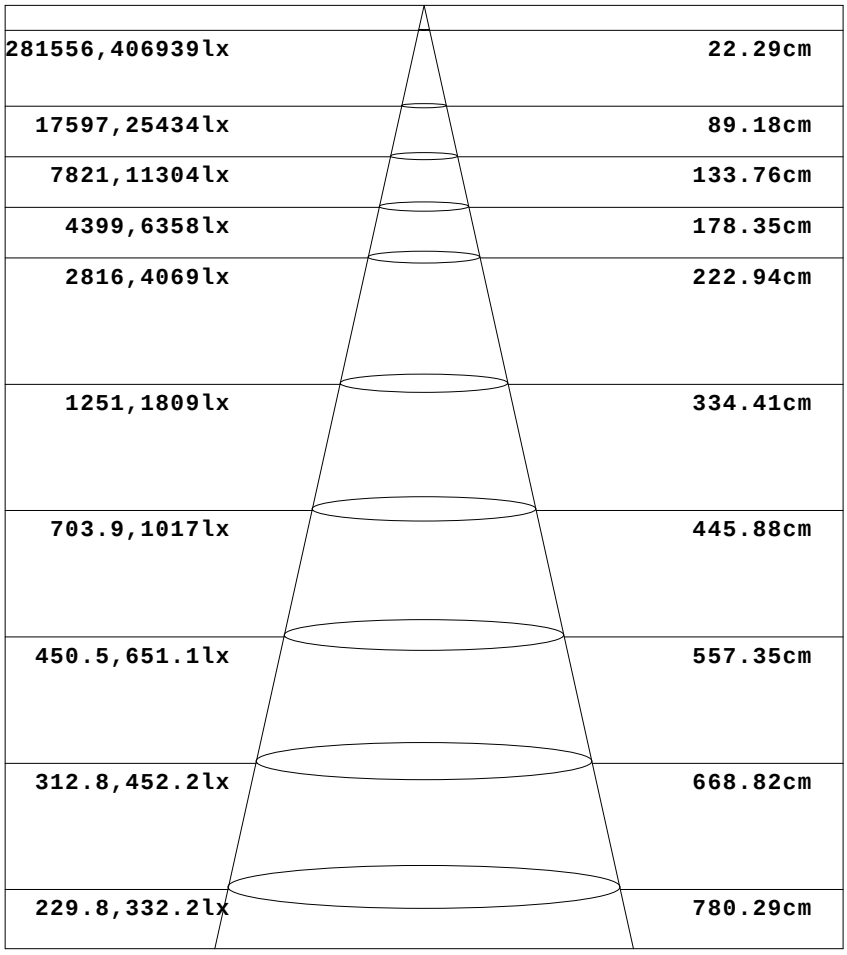

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

## AAI Figure

| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
|---|---|---|
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Flux out:11482 lm




Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

| | |
|---|---|
| H(b) Range:-90 - 90DEG | V(B) Range:-80 - 80DEG |
| H(b) Interval: 1.0DEG | V(B) Interval: 5.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362 |
| Temperature:25.3DEG | Humidity:65.0% |
| Operators:DAMIN | Test Distance:11.900m [K=1.0000] |
| Test Date:03 September 2020 | Remarks: |

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--1 UNIT: ×100cd

| H(DEG) / V(DEG) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -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 |
| -85 | 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 | 1.13 | 1.22 | 1.45 | 1.70 | 1.84 | 1.99 | 2.15 | 2.27 | 2.37 | 2.47 | 2.60 | 2.71 | 2.87 | 2.93 | 2.95 | 2.99 | 3.02 | 3.06 | 3.08 |
| -75 | 1.12 | 1.23 | 1.44 | 1.79 | 2.03 | 2.26 | 2.50 | 2.69 | 2.89 | 3.09 | 3.29 | 3.48 | 3.67 | 3.83 | 3.94 | 4.04 | 4.12 | 4.18 | 4.24 |
| -70 | 1.21 | 1.33 | 1.69 | 2.08 | 2.39 | 2.71 | 3.02 | 3.28 | 3.57 | 3.86 | 4.13 | 4.40 | 4.61 | 4.83 | 5.02 | 5.15 | 5.26 | 5.36 | 5.39 |
| -65 | 1.12 | 1.23 | 1.54 | 2.04 | 2.41 | 2.80 | 3.19 | 3.59 | 3.94 | 4.32 | 4.69 | 5.10 | 5.51 | 5.94 | 6.32 | 6.63 | 6.87 | 7.07 | 7.21 |
| -60 | 1.12 | 1.29 | 1.78 | 2.32 | 2.77 | 3.17 | 3.69 | 4.18 | 4.61 | 5.07 | 5.58 | 6.14 | 6.78 | 7.36 | 7.89 | 8.32 | 8.65 | 8.91 | 9.04 |
| -55 | 1.04 | 1.15 | 1.58 | 2.21 | 2.70 | 3.22 | 3.81 | 4.41 | 5.00 | 5.69 | 6.47 | 7.34 | 8.26 | 9.20 | 10.1 | 10.9 | 11.5 | 12.0 | 12.3 |
| -50 | 1.03 | 1.26 | 1.90 | 2.51 | 3.06 | 3.72 | 4.41 | 5.11 | 5.92 | 6.91 | 8.05 | 9.27 | 10.5 | 11.8 | 12.9 | 14.0 | 14.9 | 15.4 | 15.6 |
| -45 | 0.96 | 1.09 | 1.65 | 2.36 | 2.92 | 3.56 | 4.30 | 5.10 | 6.10 | 7.32 | 8.72 | 10.3 | 12.2 | 14.2 | 16.6 | 19.1 | 21.5 | 23.5 | 24.4 |
| -40 | 0.93 | 1.26 | 2.04 | 2.67 | 3.25 | 3.99 | 4.80 | 5.81 | 7.22 | 8.81 | 10.6 | 12.8 | 15.4 | 18.5 | 22.2 | 26.2 | 29.9 | 32.5 | 33.3 |
| -35 | 0.75 | 0.93 | 1.67 | 2.40 | 3.03 | 3.80 | 4.67 | 5.76 | 7.19 | 8.88 | 10.9 | 13.5 | 16.9 | 20.7 | 25.3 | 31.7 | 40.3 | 50.1 | 56.3 |
| -30 | 0.61 | 1.08 | 1.93 | 2.63 | 3.40 | 4.29 | 5.32 | 6.77 | 8.44 | 10.5 | 13.1 | 16.8 | 21.4 | 26.3 | 33.0 | 43.6 | 58.6 | 74.3 | 79.5 |
| -25 | 0.49 | 0.77 | 1.65 | 2.41 | 3.19 | 4.13 | 5.21 | 6.71 | 8.51 | 10.7 | 13.7 | 17.5 | 21.4 | 26.0 | 35.5 | 56.9 | 97.1 | 154 | 195 |
| -20 | 0.48 | 1.14 | 1.97 | 2.77 | 3.70 | 4.77 | 6.16 | 8.02 | 10.2 | 13.1 | 17.3 | 21.4 | 24.4 | 31.6 | 50.9 | 97.0 | 178 | 277 | 311 |
| -15 | 0.40 | 0.78 | 1.67 | 2.48 | 3.38 | 4.45 | 5.78 | 7.64 | 9.90 | 13.1 | 17.7 | 22.6 | 26.7 | 35.9 | 65.6 | 146 | 311 | 590 | 829 |
| -10 | 0.45 | 1.19 | 2.02 | 2.84 | 3.90 | 5.10 | 6.76 | 8.92 | 11.9 | 16.4 | 22.3 | 26.9 | 34.3 | 55.8 | 129 | 305 | 644 | 1145 | 1356 |
| -5 | 0.37 | 0.86 | 1.68 | 2.50 | 3.44 | 4.57 | 6.05 | 8.12 | 10.8 | 15.0 | 21.3 | 27.1 | 35.7 | 55.7 | 117 | 289 | 695 | 1668 | 2687 |
| 0 | 0.43 | 1.17 | 2.01 | 2.84 | 3.89 | 5.14 | 6.98 | 9.25 | 12.7 | 18.3 | 25.2 | 32.6 | 49.6 | 87.9 | 206 | 517 | 1346 | 3298 | 4056 |
| 5 | 0.33 | 0.87 | 1.62 | 2.43 | 3.35 | 4.46 | 5.90 | 7.91 | 10.5 | 14.6 | 20.7 | 26.5 | 34.7 | 53.5 | 110 | 274 | 656 | 1543 | 2474 |
| 10 | 0.42 | 1.09 | 1.89 | 2.69 | 3.70 | 4.85 | 6.42 | 8.43 | 11.2 | 15.5 | 21.1 | 25.4 | 31.7 | 49.2 | 110 | 262 | 509 | 810 | 926 |
| 15 | 0.28 | 0.79 | 1.52 | 2.27 | 3.13 | 4.13 | 5.37 | 7.09 | 9.22 | 12.2 | 16.6 | 21.1 | 24.8 | 31.9 | 54.6 | 118 | 242 | 411 | 543 |
| 20 | 0.43 | 1.02 | 1.74 | 2.49 | 3.36 | 4.34 | 5.59 | 7.32 | 9.38 | 12.2 | 16.1 | 19.7 | 22.2 | 26.4 | 37.0 | 60.2 | 102 | 148 | 163 |
| 25 | 0.31 | 0.74 | 1.40 | 2.10 | 2.83 | 3.71 | 4.73 | 6.06 | 7.74 | 9.83 | 12.6 | 16.0 | 19.0 | 21.8 | 26.6 | 36.6 | 56.1 | 83.2 | 102 |
| 30 | 0.45 | 0.97 | 1.60 | 2.26 | 2.99 | 3.85 | 4.83 | 6.10 | 7.65 | 9.50 | 11.8 | 14.8 | 17.9 | 20.1 | 22.5 | 26.0 | 31.4 | 38.0 | 42.2 |
| 35 | 0.40 | 0.75 | 1.32 | 1.95 | 2.55 | 3.30 | 4.11 | 5.06 | 6.25 | 7.68 | 9.39 | 11.5 | 14.0 | 16.5 | 18.9 | 21.9 | 25.9 | 30.6 | 34.4 |
| 40 | 0.56 | 1.02 | 1.54 | 2.11 | 2.68 | 3.39 | 4.11 | 4.91 | 5.92 | 7.17 | 8.51 | 10.2 | 12.2 | 14.7 | 17.5 | 20.8 | 24.2 | 26.8 | 27.6 |
| 45 | 0.47 | 0.74 | 1.22 | 1.75 | 2.24 | 2.82 | 3.44 | 4.09 | 4.82 | 5.73 | 6.77 | 7.99 | 9.48 | 11.3 | 13.3 | 15.6 | 18.1 | 20.1 | 21.1 |
| 50 | 0.55 | 0.88 | 1.31 | 1.78 | 2.24 | 2.75 | 3.29 | 3.82 | 4.40 | 5.10 | 5.94 | 6.94 | 8.10 | 9.42 | 10.9 | 12.4 | 13.7 | 14.5 | 14.5 |
| 55 | 0.44 | 0.65 | 1.05 | 1.46 | 1.86 | 2.27 | 2.72 | 3.20 | 3.65 | 4.17 | 4.74 | 5.43 | 6.24 | 7.15 | 8.12 | 9.13 | 10.1 | 10.7 | 10.9 |
| 60 | 0.49 | 0.70 | 1.09 | 1.47 | 1.81 | 2.14 | 2.53 | 2.94 | 3.28 | 3.66 | 4.07 | 4.55 | 5.09 | 5.63 | 6.15 | 6.63 | 7.01 | 7.21 | 7.24 |
| 65 | 0.44 | 0.58 | 0.87 | 1.19 | 1.49 | 1.79 | 2.10 | 2.43 | 2.70 | 3.01 | 3.30 | 3.63 | 4.00 | 4.38 | 4.73 | 5.03 | 5.30 | 5.48 | 5.57 |
| 70 | 0.52 | 0.61 | 0.93 | 1.16 | 1.41 | 1.68 | 1.95 | 2.14 | 2.36 | 2.59 | 2.79 | 3.00 | 3.22 | 3.41 | 3.55 | 3.66 | 3.76 | 3.85 | 3.88 |
| 75 | 0.50 | 0.57 | 0.71 | 0.96 | 1.12 | 1.32 | 1.50 | 1.66 | 1.81 | 1.97 | 2.12 | 2.25 | 2.41 | 2.55 | 2.65 | 2.72 | 2.78 | 2.83 | 2.87 |
| 80 | 0.56 | 0.57 | 0.72 | 0.89 | 0.99 | 1.09 | 1.19 | 1.29 | 1.39 | 1.47 | 1.56 | 1.64 | 1.73 | 1.77 | 1.80 | 1.83 | 1.84 | 1.85 | 1.86 |
| 85 | 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 |
| 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 |

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:221.1V I:1.422A P:301.4W PF:0.9588 Freq:49.80Hz Lamp Flux:43729.6x1 lm | | |
| NAME: ITSP2300154000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--2 UNIT: ×100cd

| H(DEG) / V(DEG) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 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 |
| -85 | 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 | 3.05 | 3.02 | 2.97 | 2.90 | 2.85 | 2.77 | 2.63 | 2.50 | 2.38 | 2.27 | 2.15 | 2.03 | 1.90 | 1.78 | 1.67 | 1.47 | 1.27 | 1.20 |
| -75 | 4.21 | 4.15 | 4.08 | 3.99 | 3.87 | 3.74 | 3.54 | 3.35 | 3.16 | 2.97 | 2.76 | 2.59 | 2.37 | 2.14 | 1.95 | 1.72 | 1.42 | 1.29 |
| -70 | 5.33 | 5.22 | 5.12 | 4.98 | 4.80 | 4.56 | 4.31 | 4.06 | 3.79 | 3.50 | 3.23 | 2.99 | 2.65 | 2.33 | 2.08 | 1.73 | 1.42 | 1.32 |
| -65 | 7.15 | 6.99 | 6.76 | 6.49 | 6.15 | 5.76 | 5.36 | 4.96 | 4.60 | 4.26 | 3.88 | 3.52 | 3.09 | 2.72 | 2.37 | 1.98 | 1.55 | 1.36 |
| -60 | 8.86 | 8.57 | 8.20 | 7.74 | 7.21 | 6.64 | 6.09 | 5.57 | 5.14 | 4.70 | 4.24 | 3.72 | 3.21 | 2.80 | 2.36 | 1.89 | 1.45 | 1.32 |
| -55 | 12.2 | 11.8 | 11.3 | 10.6 | 9.82 | 8.98 | 8.12 | 7.26 | 6.46 | 5.76 | 5.11 | 4.52 | 3.88 | 3.32 | 2.78 | 2.25 | 1.67 | 1.36 |
| -50 | 15.3 | 14.7 | 13.9 | 12.9 | 11.8 | 10.6 | 9.45 | 8.29 | 7.22 | 6.26 | 5.51 | 4.81 | 4.07 | 3.38 | 2.80 | 2.13 | 1.53 | 1.32 |
| -45 | 24.1 | 22.7 | 20.6 | 18.1 | 15.8 | 13.9 | 12.2 | 10.7 | 9.21 | 7.85 | 6.65 | 5.71 | 4.84 | 4.01 | 3.27 | 2.59 | 1.85 | 1.39 |
| -40 | 32.1 | 29.2 | 25.4 | 21.5 | 18.1 | 15.8 | 13.8 | 11.9 | 10.1 | 8.40 | 7.00 | 5.91 | 4.93 | 4.02 | 3.22 | 2.44 | 1.67 | 1.32 |
| -35 | 53.9 | 45.1 | 36.0 | 29.3 | 24.6 | 20.8 | 17.0 | 14.0 | 11.8 | 9.78 | 8.01 | 6.53 | 5.39 | 4.38 | 3.50 | 2.70 | 1.89 | 1.28 |
| -30 | 69.4 | 53.3 | 40.6 | 33.0 | 28.1 | 22.9 | 17.5 | 14.3 | 11.8 | 9.68 | 7.72 | 6.16 | 5.03 | 4.00 | 3.13 | 2.31 | 1.47 | 1.05 |
| -25 | 177 | 121 | 72.5 | 44.0 | 31.3 | 25.3 | 21.4 | 17.0 | 13.4 | 11.0 | 8.89 | 7.00 | 5.61 | 4.51 | 3.51 | 2.64 | 1.82 | 1.10 |
| -20 | 241 | 145 | 76.6 | 42.3 | 28.6 | 24.8 | 21.8 | 16.5 | 13.0 | 10.5 | 8.46 | 6.59 | 5.27 | 4.19 | 3.18 | 2.31 | 1.48 | 0.93 |
| -15 | 724 | 423 | 202 | 92.4 | 41.7 | 27.0 | 24.0 | 20.8 | 15.6 | 12.4 | 9.88 | 7.69 | 5.96 | 4.74 | 3.62 | 2.70 | 1.83 | 1.03 |
| -10 | 968 | 488 | 221 | 90.5 | 37.6 | 25.7 | 24.6 | 20.9 | 15.3 | 12.1 | 9.50 | 7.23 | 5.58 | 4.38 | 3.30 | 2.37 | 1.56 | 0.88 |
| -5 | 2278 | 1028 | 407 | 161 | 59.6 | 30.6 | 25.1 | 23.7 | 18.0 | 13.7 | 10.7 | 8.27 | 6.23 | 4.89 | 3.72 | 2.76 | 1.82 | 1.01 |
| 0 | 2476 | 927 | 342 | 128 | 46.7 | 28.0 | 25.4 | 22.5 | 16.5 | 12.8 | 9.82 | 7.42 | 5.70 | 4.44 | 3.32 | 2.36 | 1.54 | 0.83 |
| 5 | 2102 | 951 | 383 | 151 | 56.5 | 30.0 | 24.7 | 23.3 | 17.6 | 13.4 | 10.5 | 8.11 | 6.12 | 4.82 | 3.67 | 2.71 | 1.78 | 1.03 |
| 10 | 699 | 397 | 187 | 77.2 | 34.6 | 24.8 | 23.8 | 20.0 | 14.7 | 11.5 | 9.06 | 6.95 | 5.39 | 4.24 | 3.20 | 2.27 | 1.48 | 0.79 |
| 15 | 484 | 307 | 159 | 73.6 | 35.2 | 24.7 | 22.2 | 19.2 | 14.5 | 11.4 | 9.03 | 7.07 | 5.50 | 4.39 | 3.35 | 2.47 | 1.62 | 0.96 |
| 20 | 133 | 84.9 | 48.7 | 31.3 | 23.7 | 21.6 | 19.1 | 14.6 | 11.4 | 9.20 | 7.38 | 5.76 | 4.65 | 3.70 | 2.78 | 1.96 | 1.26 | 0.70 |
| 25 | 95.3 | 69.3 | 44.3 | 30.0 | 23.5 | 20.2 | 17.6 | 14.1 | 11.0 | 8.92 | 7.18 | 5.66 | 4.56 | 3.67 | 2.81 | 2.03 | 1.32 | 0.74 |
| 30 | 39.1 | 31.7 | 25.8 | 22.4 | 20.1 | 17.0 | 13.4 | 10.8 | 8.79 | 7.21 | 5.70 | 4.59 | 3.75 | 2.94 | 2.23 | 1.51 | 0.93 | 0.47 |
| 35 | 34.1 | 29.5 | 24.3 | 20.5 | 17.8 | 15.2 | 12.4 | 10.1 | 8.33 | 6.88 | 5.59 | 4.54 | 3.72 | 2.96 | 2.28 | 1.62 | 1.04 | 0.54 |
| 40 | 26.1 | 23.0 | 19.5 | 16.3 | 13.5 | 11.2 | 9.36 | 7.90 | 6.68 | 5.50 | 4.56 | 3.82 | 3.08 | 2.42 | 1.83 | 1.22 | 0.75 | 0.38 |
| 45 | 20.6 | 18.7 | 16.3 | 14.0 | 11.9 | 10.0 | 8.50 | 7.20 | 6.14 | 5.19 | 4.39 | 3.74 | 3.10 | 2.46 | 1.91 | 1.36 | 0.90 | 0.48 |
| 50 | 13.8 | 12.6 | 11.2 | 9.91 | 8.69 | 7.57 | 6.51 | 5.61 | 4.83 | 4.19 | 3.67 | 3.15 | 2.58 | 2.06 | 1.55 | 1.08 | 0.67 | 0.39 |
| 55 | 10.7 | 9.99 | 9.13 | 8.24 | 7.36 | 6.53 | 5.75 | 5.03 | 4.42 | 3.89 | 3.44 | 2.99 | 2.51 | 2.05 | 1.61 | 1.17 | 0.81 | 0.48 |
| 60 | 7.05 | 6.71 | 6.30 | 5.86 | 5.34 | 4.85 | 4.36 | 3.93 | 3.59 | 3.22 | 2.88 | 2.44 | 2.06 | 1.68 | 1.30 | 0.97 | 0.61 | 0.45 |
| 65 | 5.50 | 5.31 | 5.07 | 4.80 | 4.49 | 4.14 | 3.79 | 3.46 | 3.16 | 2.86 | 2.59 | 2.28 | 1.93 | 1.61 | 1.31 | 1.01 | 0.70 | 0.50 |
| 70 | 3.83 | 3.73 | 3.63 | 3.51 | 3.35 | 3.16 | 2.95 | 2.74 | 2.51 | 2.28 | 2.08 | 1.82 | 1.55 | 1.28 | 1.07 | 0.84 | 0.56 | 0.49 |
| 75 | 2.85 | 2.80 | 2.75 | 2.68 | 2.60 | 2.49 | 2.33 | 2.19 | 2.02 | 1.86 | 1.72 | 1.55 | 1.36 | 1.17 | 1.01 | 0.83 | 0.60 | 0.53 |
| 80 | 1.83 | 1.83 | 1.82 | 1.79 | 1.77 | 1.68 | 1.60 | 1.49 | 1.40 | 1.32 | 1.23 | 1.12 | 1.00 | 0.91 | 0.82 | 0.65 | 0.55 | 0.54 |
| 85 | 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 |
| 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 |

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:03 September 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.900m [K=1.0000]
Remarks: