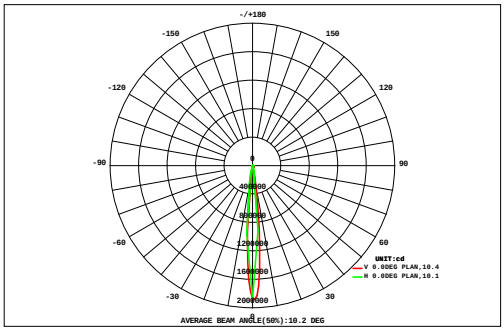
**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

| | | |
|---|---|---|
| Maximum Intensity | | 16717.0 cd per klm. |
| (Luminaire orientation as tested.) | | 0.0 degrees vertical |
| | | 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 20.9V x 20.1H |
| | At 50% of Imax | 10.1V x 10.4H |
| | At 90% of Imax | 3.6V x 4.6H |
| Beam Flux | Total | 938.7 lumens per klm. |
| | To 10% of Imax | 621.5 lumens per klm. |
| | To 50% of Imax | 291.2 lumens per klm. |
| | To 90% of Imax | 27.8 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 93.9 % |
| Luminaire Efficiency(Light Output Ratio) | | 100.0 % |

# LUMINAIRE PHOTOMETRIC TEST REPORT

| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
|---|---|---|
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




| DATA OF LAMP | | Eff:112.56lm/W | |
|---|---|---|---|
| MODEL | | Imax(cd) | 1876622 |
| NOMINAL POWER(W) | 1000 | AVAILABILITY(%) | 72.8 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 81691 |
| NOMINAL FLUX(lm) | 112258 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 112258 |
| TEST VOLTAGE(V) | 220 | q @50%(H,V) | 10,10DEG |

AREA FLUX DIAGRAM — UNIT:lm

| VERTICAL(DEG) | -18 | -16 | -14 | -12 | -10 | -8 | -6 | -4 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | F t | F a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | 10.6 | 12.0 | 15.1 | 20.6 | 27.1 | 33.9 | 40.2 | 44.5 | 45.4 | 43.0 | 37.3 | 30.0 | 23.1 | 17.2 | 12.6 | 10.3 | 9.55 | 9.43 | 442 | 0.00 |
| 16 | 12.2 | 14.6 | 17.6 | 21.9 | 30.0 | 44.2 | 63.1 | 84.4 | 104 | 117 | 116 | 101 | 80.3 | 59.0 | 40.1 | 25.5 | 17.0 | 14.2 | 962 | 0.00 |
| 14 | 14.2 | 18.1 | 20.6 | 22.3 | 32.2 | 57.4 | 95.1 | 143 | 192 | 228 | 235 | 211 | 168 | 124 | 83.1 | 49.2 | 28.5 | 21.4 | 1743 | 304 |
| 12 | 15.6 | 20.3 | 22.9 | 24.0 | 35.3 | 66.3 | 113 | 173 | 236 | 283 | 293 | 263 | 210 | 154 | 103 | 60.1 | 33.8 | 24.9 | 2133 | 1082 |
| 10 | 26.8 | 29.9 | 36.5 | 66.3 | 115 | 183 | 259 | 325 | 355 | 332 | 271 | 200 | 136 | 80.9 | 41.9 | 27.0 | 24.3 | 19.2 | 2529 | 1485 |
| 8 | 31.4 | 34.6 | 42.6 | 81.6 | 144 | 228 | 319 | 396 | 424 | 386 | 302 | 214 | 138 | 76.7 | 34.8 | 23.3 | 24.7 | 19.6 | 2920 | 2069 |
| 6 | 28.6 | 32.1 | 38.4 | 66.6 | 126 | 220 | 368 | 568 | 789 | 900 | 868 | 717 | 478 | 282 | 143 | 72.4 | 42.3 | 25.8 | 5766 | 5018 |
| -6 | 21.6 | 25.8 | 28.5 | 35.1 | 82.6 | 184 | 410 | 795 | 1315 | 1667 | 1726 | 1486 | 1002 | 601 | 314 | 151 | 69.3 | 35.2 | 9949 | 9316 |
| -8 | 20.8 | 25.3 | 27.1 | 28.4 | 77.3 | 191 | 462 | 939 | 1600 | 2055 | 2147 | 1856 | 1249 | 749 | 391 | 185 | 82.2 | 39.9 | 12125 | 11624 |
| -10 | 31.9 | 42.3 | 94.2 | 218 | 468 | 942 | 1657 | 2369 | 2563 | 2373 | 1698 | 968 | 494 | 216 | 91.7 | 40.0 | 23.3 | 22.2 | 14311 | 13790 |
| -12 | 35.1 | 47.6 | 116 | 277 | 594 | 1197 | 2090 | 2942 | 3073 | 2738 | 1828 | 918 | 408 | 137 | 43.2 | 14.7 | 12.2 | 19.4 | 16490 | 16011 |
| -14 | 28.7 | 37.4 | 77.7 | 174 | 371 | 744 | 1320 | 1920 | 2151 | 2063 | 1562 | 972 | 535 | 258 | 118 | 56.3 | 30.7 | 24.1 | 12443 | 11962 |
| -16 | 17.1 | 18.7 | 8.99 | 0.20 | 0.00 | 0.00 | 5.66 | 87.1 | 448 | 821 | 1079 | 1083 | 777 | 489 | 259 | 129 | 65.1 | 32.9 | 5321 | 4920 |
| -18 | 13.3 | 12.8 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.4 | 430 | 921 | 1108 | 846 | 555 | 300 | 151 | 75.5 | 35.6 | 4498 | 4109 |
| F t | 378 | 461 | 654 | 1175 | 2283 | 4309 | 7391 | 10961 | 13532 | 14642 | 13290 | 10315 | 6703 | 3921 | 2063 | 1058 | 595 | 398 | 94130 | --- |
| F a | 0.00 | 0.00 | 0.00 | 512 | 1407 | 3206 | 6783 | 10314 | 12854 | 14117 | 12822 | 9498 | 5778 | 2990 | 1353 | 58.5 | 0.00 | 0.00 | --- | 81691 |

HORIZONTAL(DEG)

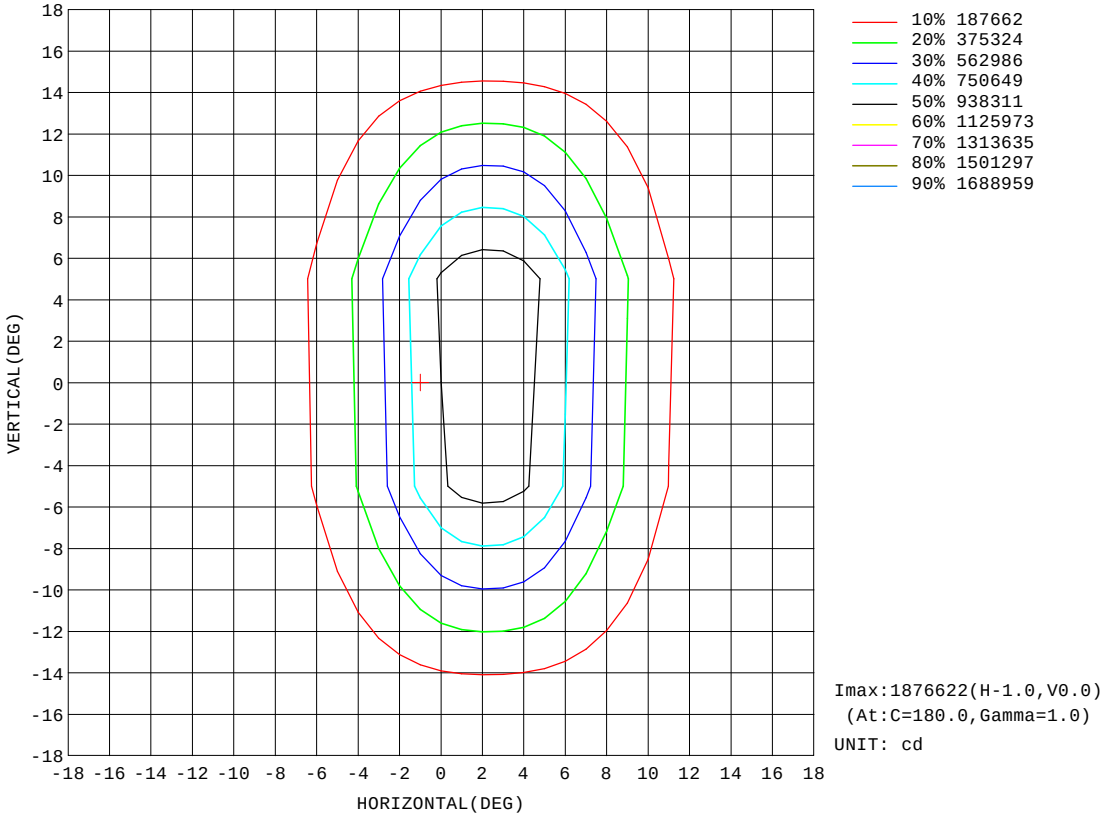
**one-half-peak spread: U:5.0,D:5.2 , L:4.9,R:5.6** **NEMA Beam Type: Type 2**

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 May 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:16.800m [K=1.0000]
Remarks:

# ISOCANDELA DIAGRAM

| | | |
|---|---|---|
| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

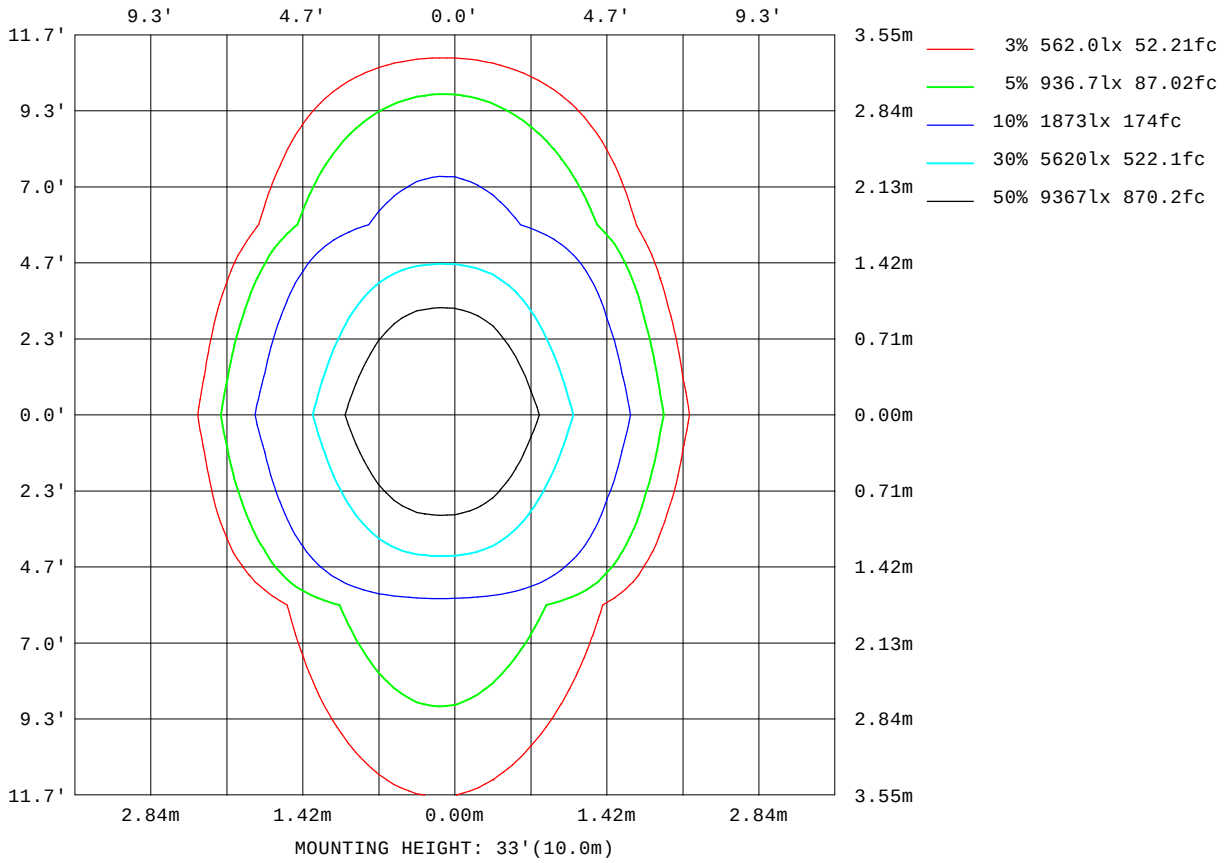



H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 May 2020

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:16.800m [K=1.0000]
Remarks:

## ISOLUX DIAGRAM

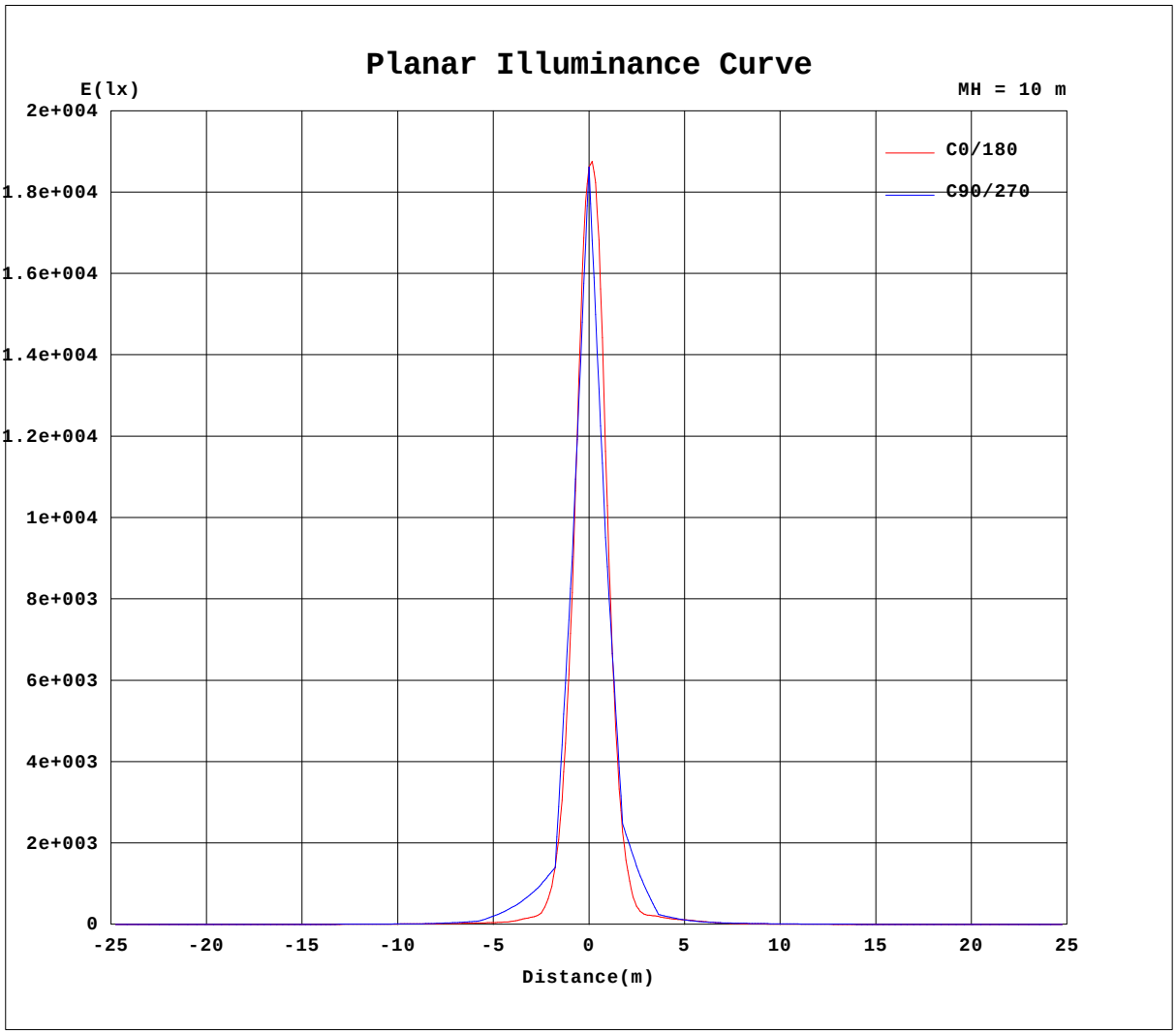
| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
|---|---|---|
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 May 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:16.800m [K=1.0000]
Remarks:

## Planar Illuminance Curve



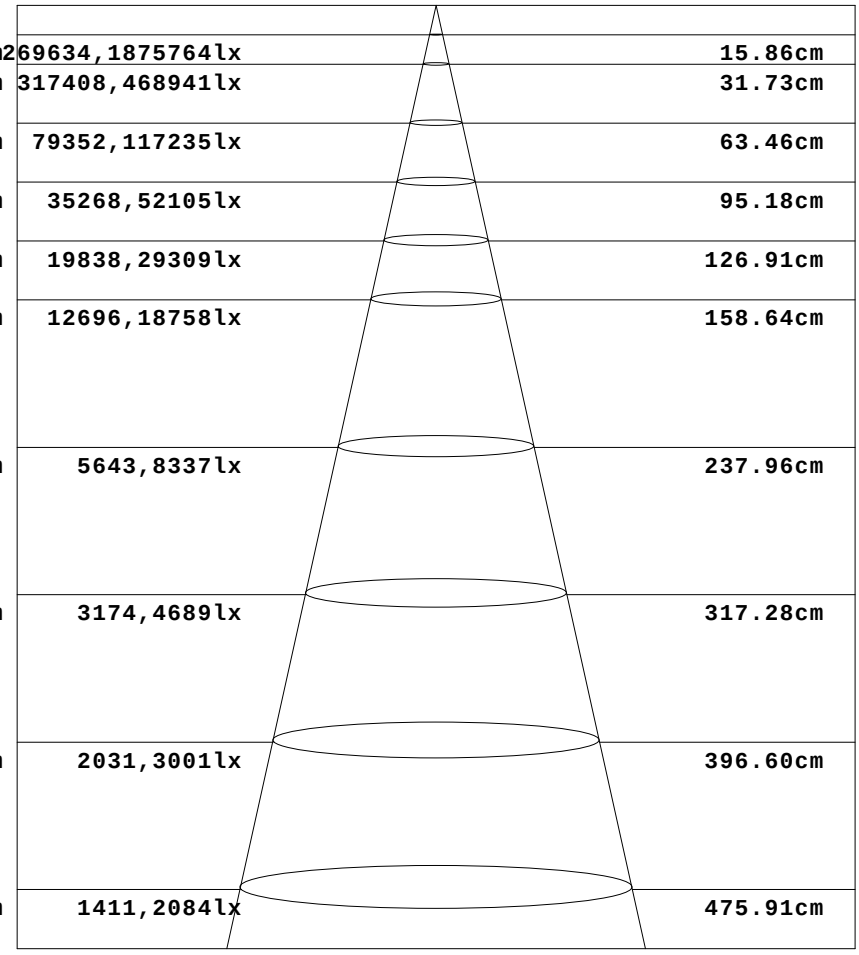

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:30 May 2020

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:16.800m [K=1.0000]
Remarks:

## AAI Figure

| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
|---|---|---|
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Flux out:30530 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:16.800m [K=1.0000] |
| Test Date:30 May 2020 | Remarks: |

# LUMINOUS DISTRIBUTION INTENSITY DATA

| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
|---|---|---|
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--1 UNIT: ×1000cd

| 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 | 0.22 | 0.24 | 0.27 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | 0.33 | 0.34 | 0.36 | 0.37 | 0.38 | 0.40 | 0.41 | 0.43 | 0.44 | 0.45 | 0.46 |
| -75 | 0.22 | 0.24 | 0.26 | 0.29 | 0.31 | 0.34 | 0.37 | 0.40 | 0.43 | 0.47 | 0.50 | 0.54 | 0.58 | 0.62 | 0.66 | 0.69 | 0.72 | 0.74 | 0.76 |
| -70 | 0.25 | 0.27 | 0.30 | 0.33 | 0.37 | 0.41 | 0.47 | 0.52 | 0.58 | 0.63 | 0.69 | 0.75 | 0.82 | 0.89 | 0.94 | 0.99 | 1.03 | 1.06 | 1.07 |
| -65 | 0.22 | 0.24 | 0.26 | 0.30 | 0.35 | 0.42 | 0.50 | 0.59 | 0.67 | 0.76 | 0.86 | 0.97 | 1.08 | 1.19 | 1.30 | 1.40 | 1.49 | 1.54 | 1.59 |
| -60 | 0.21 | 0.23 | 0.27 | 0.33 | 0.41 | 0.51 | 0.63 | 0.75 | 0.88 | 1.01 | 1.16 | 1.31 | 1.47 | 1.63 | 1.78 | 1.93 | 2.02 | 2.08 | 2.21 |
| -55 | 0.20 | 0.21 | 0.24 | 0.30 | 0.39 | 0.51 | 0.66 | 0.83 | 1.00 | 1.20 | 1.43 | 1.68 | 1.94 | 2.20 | 2.42 | 2.61 | 2.78 | 2.89 | 2.98 |
| -50 | 0.19 | 0.21 | 0.28 | 0.38 | 0.51 | 0.68 | 0.90 | 1.11 | 1.36 | 1.65 | 1.99 | 2.36 | 2.72 | 3.05 | 3.31 | 3.51 | 3.70 | 3.80 | 3.89 |
| -45 | 0.21 | 0.21 | 0.25 | 0.35 | 0.47 | 0.64 | 0.87 | 1.14 | 1.45 | 1.80 | 2.21 | 2.64 | 3.04 | 3.40 | 3.71 | 3.97 | 4.25 | 4.47 | 4.62 |
| -40 | 0.22 | 0.24 | 0.33 | 0.46 | 0.63 | 0.86 | 1.18 | 1.53 | 1.94 | 2.43 | 2.93 | 3.40 | 3.81 | 4.14 | 4.43 | 4.78 | 5.11 | 5.33 | 5.43 |
| -35 | 0.18 | 0.17 | 0.23 | 0.36 | 0.52 | 0.75 | 1.06 | 1.45 | 1.88 | 2.37 | 2.85 | 3.22 | 3.60 | 4.06 | 4.71 | 5.61 | 6.70 | 8.01 | 9.12 |
| -30 | 0.12 | 0.15 | 0.27 | 0.44 | 0.67 | 0.99 | 1.42 | 1.85 | 2.39 | 2.92 | 3.23 | 3.46 | 3.91 | 4.67 | 6.04 | 7.71 | 9.84 | 12.2 | 13.2 |
| -25 | 0.10 | 0.11 | 0.19 | 0.34 | 0.55 | 0.86 | 1.28 | 1.79 | 2.33 | 2.88 | 3.16 | 3.34 | 3.73 | 4.78 | 6.60 | 8.52 | 11.9 | 21.4 | 36.3 |
| -20 | 0.08 | 0.13 | 0.27 | 0.48 | 0.78 | 1.20 | 1.75 | 2.33 | 2.97 | 3.26 | 3.30 | 3.56 | 4.58 | 6.95 | 9.50 | 12.4 | 23.3 | 49.4 | 63.5 |
| -15 | 0.07 | 0.09 | 0.18 | 0.35 | 0.61 | 0.97 | 1.48 | 2.08 | 2.77 | 3.30 | 3.36 | 3.57 | 4.45 | 6.13 | 8.28 | 13.3 | 21.5 | 51.8 | 99.3 |
| -10 | 0.08 | 0.14 | 0.28 | 0.50 | 0.84 | 1.32 | 1.90 | 2.62 | 3.34 | 3.46 | 3.58 | 4.40 | 6.14 | 7.78 | 11.7 | 23.2 | 46.5 | 115 | 148 |
| -5 | 0.07 | 0.09 | 0.18 | 0.36 | 0.63 | 1.02 | 1.56 | 2.21 | 3.02 | 3.55 | 3.62 | 4.27 | 7.08 | 11.2 | 13.6 | 21.2 | 50.4 | 282 | 914 |
| 0 | 0.08 | 0.13 | 0.28 | 0.51 | 0.85 | 1.34 | 1.98 | 2.75 | 3.52 | 3.69 | 4.14 | 6.83 | 13.2 | 17.1 | 24.0 | 36.3 | 238 | 1176 | 1862 |
| 5 | 0.07 | 0.08 | 0.17 | 0.34 | 0.61 | 1.00 | 1.53 | 2.19 | 3.01 | 3.54 | 3.61 | 4.30 | 7.31 | 11.6 | 14.2 | 22.5 | 51.4 | 300 | 962 |
| 10 | 0.06 | 0.11 | 0.25 | 0.47 | 0.80 | 1.27 | 1.86 | 2.59 | 3.31 | 3.45 | 3.59 | 4.70 | 6.86 | 8.74 | 14.3 | 23.9 | 65.7 | 187 | 260 |
| 15 | 0.06 | 0.07 | 0.15 | 0.31 | 0.56 | 0.92 | 1.42 | 2.03 | 2.75 | 3.30 | 3.36 | 3.61 | 4.72 | 6.53 | 8.40 | 13.5 | 20.1 | 63.5 | 132 |
| 20 | 0.05 | 0.10 | 0.22 | 0.42 | 0.71 | 1.13 | 1.68 | 2.29 | 2.99 | 3.27 | 3.32 | 3.62 | 4.67 | 6.43 | 7.79 | 8.95 | 15.5 | 25.6 | 30.0 |
| 25 | 0.05 | 0.06 | 0.13 | 0.27 | 0.48 | 0.80 | 1.23 | 1.75 | 2.35 | 2.94 | 3.21 | 3.33 | 3.69 | 4.54 | 5.93 | 6.78 | 8.32 | 13.4 | 19.2 |
| 30 | 0.05 | 0.09 | 0.19 | 0.36 | 0.60 | 0.96 | 1.40 | 1.88 | 2.48 | 3.01 | 3.25 | 3.35 | 3.60 | 4.27 | 5.28 | 5.74 | 6.62 | 8.59 | 11.1 |
| 35 | 0.07 | 0.07 | 0.13 | 0.25 | 0.42 | 0.67 | 1.01 | 1.40 | 1.87 | 2.40 | 2.85 | 3.13 | 3.34 | 3.60 | 4.17 | 4.72 | 5.24 | 6.33 | 7.97 |
| 40 | 0.08 | 0.11 | 0.19 | 0.32 | 0.51 | 0.78 | 1.11 | 1.46 | 1.88 | 2.37 | 2.83 | 3.16 | 3.37 | 3.52 | 3.77 | 4.25 | 5.02 | 5.94 | 6.51 |
| 45 | 0.09 | 0.09 | 0.13 | 0.22 | 0.34 | 0.53 | 0.76 | 1.03 | 1.34 | 1.70 | 2.11 | 2.51 | 2.84 | 3.13 | 3.41 | 3.78 | 4.29 | 4.94 | 5.49 |
| 50 | 0.10 | 0.11 | 0.17 | 0.25 | 0.38 | 0.54 | 0.75 | 0.96 | 1.21 | 1.52 | 1.88 | 2.28 | 2.67 | 3.07 | 3.46 | 3.88 | 4.33 | 4.67 | 4.73 |
| 55 | 0.08 | 0.08 | 0.11 | 0.16 | 0.25 | 0.36 | 0.51 | 0.67 | 0.85 | 1.05 | 1.30 | 1.58 | 1.89 | 2.20 | 2.51 | 2.81 | 3.15 | 3.42 | 3.57 |
| 60 | 0.07 | 0.07 | 0.11 | 0.17 | 0.25 | 0.35 | 0.47 | 0.59 | 0.72 | 0.86 | 1.04 | 1.24 | 1.47 | 1.70 | 1.93 | 2.13 | 2.32 | 2.39 | 2.39 |
| 65 | 0.07 | 0.07 | 0.09 | 0.12 | 0.17 | 0.24 | 0.32 | 0.41 | 0.50 | 0.60 | 0.71 | 0.85 | 1.00 | 1.16 | 1.31 | 1.45 | 1.60 | 1.68 | 1.72 |
| 70 | 0.07 | 0.08 | 0.10 | 0.12 | 0.16 | 0.21 | 0.27 | 0.34 | 0.40 | 0.47 | 0.54 | 0.62 | 0.71 | 0.80 | 0.88 | 0.95 | 1.00 | 1.04 | 1.06 |
| 75 | 0.08 | 0.08 | 0.09 | 0.10 | 0.12 | 0.15 | 0.19 | 0.23 | 0.27 | 0.31 | 0.35 | 0.40 | 0.46 | 0.51 | 0.57 | 0.61 | 0.65 | 0.68 | 0.70 |
| 80 | 0.09 | 0.09 | 0.09 | 0.10 | 0.11 | 0.13 | 0.14 | 0.16 | 0.18 | 0.20 | 0.22 | 0.25 | 0.27 | 0.29 | 0.31 | 0.32 | 0.34 | 0.35 | 0.35 |
| 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:30 May 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:16.800m [K=1.0000]
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

| Test:U:221.2V I:4.509A P:997.3W PF:0.9804 Freq:49.98Hz Lamp Flux:112258x1 lm | | |
|---|---|---|
| NAME: ITSP31000104000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--2 UNIT: ×1000cd

| 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 | 0.46 | 0.45 | 0.43 | 0.42 | 0.41 | 0.40 | 0.38 | 0.37 | 0.36 | 0.35 | 0.34 | 0.34 | 0.33 | 0.32 | 0.31 | 0.30 | 0.26 | 0.24 |
| -75 | 0.76 | 0.75 | 0.73 | 0.70 | 0.67 | 0.63 | 0.60 | 0.56 | 0.53 | 0.49 | 0.46 | 0.43 | 0.40 | 0.37 | 0.35 | 0.33 | 0.30 | 0.28 |
| -70 | 1.06 | 1.03 | 0.99 | 0.94 | 0.89 | 0.83 | 0.76 | 0.71 | 0.65 | 0.60 | 0.54 | 0.49 | 0.44 | 0.39 | 0.36 | 0.33 | 0.31 | 0.29 |
| -65 | 1.60 | 1.58 | 1.52 | 1.42 | 1.33 | 1.22 | 1.11 | 1.00 | 0.90 | 0.80 | 0.71 | 0.62 | 0.53 | 0.46 | 0.40 | 0.36 | 0.32 | 0.30 |
| -60 | 2.12 | 2.06 | 1.94 | 1.79 | 1.65 | 1.49 | 1.32 | 1.17 | 1.03 | 0.90 | 0.77 | 0.65 | 0.54 | 0.45 | 0.39 | 0.34 | 0.31 | 0.30 |
| -55 | 3.01 | 2.96 | 2.86 | 2.69 | 2.51 | 2.27 | 2.02 | 1.76 | 1.52 | 1.30 | 1.10 | 0.92 | 0.74 | 0.60 | 0.48 | 0.40 | 0.34 | 0.31 |
| -50 | 3.84 | 3.76 | 3.59 | 3.38 | 3.09 | 2.77 | 2.42 | 2.06 | 1.73 | 1.46 | 1.20 | 0.97 | 0.77 | 0.60 | 0.47 | 0.37 | 0.32 | 0.30 |
| -45 | 4.65 | 4.55 | 4.38 | 4.17 | 3.96 | 3.67 | 3.32 | 2.93 | 2.49 | 2.05 | 1.69 | 1.35 | 1.06 | 0.81 | 0.62 | 0.47 | 0.37 | 0.32 |
| -40 | 5.35 | 5.17 | 4.92 | 4.72 | 4.50 | 4.16 | 3.78 | 3.27 | 2.72 | 2.19 | 1.75 | 1.38 | 1.05 | 0.78 | 0.58 | 0.43 | 0.35 | 0.32 |
| -35 | 9.11 | 8.04 | 6.87 | 6.01 | 5.32 | 4.72 | 4.28 | 3.88 | 3.41 | 2.81 | 2.23 | 1.72 | 1.30 | 0.94 | 0.67 | 0.48 | 0.35 | 0.29 |
| -30 | 11.7 | 9.45 | 7.72 | 6.48 | 5.36 | 4.72 | 4.32 | 3.95 | 3.42 | 2.70 | 2.06 | 1.55 | 1.10 | 0.76 | 0.52 | 0.36 | 0.26 | 0.24 |
| -25 | 34.9 | 20.1 | 11.7 | 9.01 | 7.31 | 5.45 | 4.41 | 4.01 | 3.74 | 3.28 | 2.58 | 1.94 | 1.42 | 0.99 | 0.67 | 0.45 | 0.30 | 0.23 |
| -20 | 40.1 | 18.8 | 11.8 | 9.62 | 6.94 | 4.72 | 3.94 | 3.75 | 3.59 | 3.02 | 2.28 | 1.69 | 1.20 | 0.81 | 0.53 | 0.35 | 0.23 | 0.19 |
| -15 | 95.5 | 49.7 | 20.6 | 12.5 | 8.09 | 5.96 | 4.54 | 3.96 | 3.84 | 3.67 | 2.95 | 2.17 | 1.57 | 1.08 | 0.72 | 0.46 | 0.30 | 0.21 |
| -10 | 97.1 | 37.6 | 19.2 | 8.87 | 6.62 | 5.25 | 4.27 | 3.99 | 3.99 | 3.55 | 2.63 | 1.90 | 1.34 | 0.89 | 0.57 | 0.37 | 0.24 | 0.19 |
| -5 | 868 | 263 | 47.4 | 17.1 | 8.75 | 6.54 | 5.27 | 4.41 | 4.16 | 4.06 | 3.29 | 2.38 | 1.70 | 1.16 | 0.76 | 0.49 | 0.31 | 0.21 |
| 0 | 825 | 148 | 24.8 | 13.9 | 7.64 | 6.25 | 5.10 | 4.46 | 4.28 | 3.80 | 2.79 | 2.01 | 1.39 | 0.93 | 0.59 | 0.37 | 0.23 | 0.18 |
| 5 | 917 | 283 | 49.1 | 18.2 | 8.84 | 6.65 | 5.43 | 4.54 | 4.26 | 4.14 | 3.34 | 2.41 | 1.72 | 1.18 | 0.77 | 0.49 | 0.30 | 0.20 |
| 10 | 160 | 52.6 | 20.4 | 9.71 | 6.75 | 5.55 | 4.58 | 4.19 | 4.17 | 3.67 | 2.70 | 1.95 | 1.37 | 0.91 | 0.59 | 0.37 | 0.23 | 0.18 |
| 15 | 130 | 65.0 | 20.0 | 12.1 | 7.27 | 5.66 | 4.52 | 3.95 | 3.88 | 3.76 | 3.00 | 2.21 | 1.59 | 1.08 | 0.71 | 0.45 | 0.28 | 0.18 |
| 20 | 22.9 | 13.0 | 8.27 | 7.36 | 5.70 | 4.27 | 3.61 | 3.58 | 3.58 | 3.05 | 2.28 | 1.68 | 1.18 | 0.78 | 0.50 | 0.31 | 0.19 | 0.15 |
| 25 | 19.9 | 14.1 | 8.50 | 6.72 | 5.78 | 4.41 | 3.71 | 3.49 | 3.42 | 3.10 | 2.41 | 1.81 | 1.29 | 0.87 | 0.56 | 0.35 | 0.20 | 0.13 |
| 30 | 10.6 | 7.70 | 5.95 | 5.14 | 4.07 | 3.60 | 3.44 | 3.34 | 2.98 | 2.35 | 1.76 | 1.30 | 0.88 | 0.57 | 0.35 | 0.19 | 0.10 | 0.08 |
| 35 | 8.96 | 7.63 | 5.72 | 4.81 | 4.21 | 3.65 | 3.42 | 3.22 | 2.89 | 2.37 | 1.81 | 1.38 | 0.98 | 0.65 | 0.41 | 0.24 | 0.13 | 0.07 |
| 40 | 6.14 | 5.08 | 4.22 | 3.77 | 3.56 | 3.40 | 3.17 | 2.75 | 2.21 | 1.70 | 1.29 | 0.97 | 0.66 | 0.42 | 0.26 | 0.14 | 0.07 | 0.06 |
| 45 | 5.57 | 5.01 | 4.28 | 3.76 | 3.42 | 3.17 | 2.88 | 2.53 | 2.10 | 1.65 | 1.28 | 0.99 | 0.71 | 0.49 | 0.31 | 0.19 | 0.10 | 0.06 |
| 50 | 4.43 | 4.03 | 3.66 | 3.31 | 2.98 | 2.60 | 2.20 | 1.80 | 1.44 | 1.14 | 0.89 | 0.68 | 0.48 | 0.32 | 0.20 | 0.12 | 0.07 | 0.06 |
| 55 | 3.51 | 3.27 | 3.01 | 2.73 | 2.47 | 2.19 | 1.88 | 1.58 | 1.30 | 1.04 | 0.84 | 0.67 | 0.50 | 0.35 | 0.24 | 0.15 | 0.09 | 0.07 |
| 60 | 2.32 | 2.22 | 2.02 | 1.84 | 1.63 | 1.41 | 1.20 | 1.01 | 0.84 | 0.70 | 0.57 | 0.45 | 0.33 | 0.24 | 0.16 | 0.11 | 0.08 | 0.07 |
| 65 | 1.71 | 1.65 | 1.56 | 1.43 | 1.29 | 1.14 | 0.99 | 0.85 | 0.72 | 0.61 | 0.51 | 0.42 | 0.32 | 0.24 | 0.18 | 0.13 | 0.09 | 0.08 |
| 70 | 1.03 | 0.98 | 0.93 | 0.86 | 0.77 | 0.69 | 0.60 | 0.53 | 0.46 | 0.40 | 0.34 | 0.27 | 0.21 | 0.17 | 0.13 | 0.10 | 0.08 | 0.08 |
| 75 | 0.70 | 0.68 | 0.65 | 0.61 | 0.57 | 0.51 | 0.46 | 0.41 | 0.36 | 0.32 | 0.27 | 0.23 | 0.19 | 0.16 | 0.13 | 0.11 | 0.09 | 0.09 |
| 80 | 0.35 | 0.34 | 0.32 | 0.31 | 0.29 | 0.27 | 0.25 | 0.23 | 0.20 | 0.18 | 0.17 | 0.15 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.09 |
| 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:30 May 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:16.800m [K=1.0000]
Remarks: