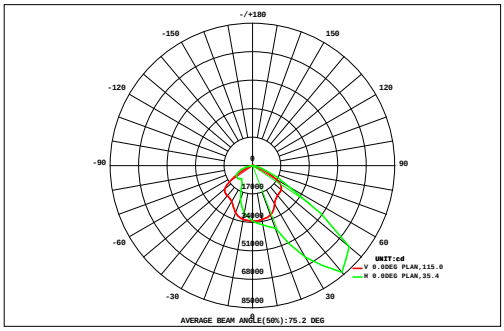
**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

| | | |
|---|---|---|
| Maximum Intensity | | 792.6 cd per klm. |
| (Luminaire orientation as tested.) | | 0.0 degrees vertical |
| | | 0.0 degrees horizontal |
| Beam Spread | At 10% of Imax | 136.8V x 137.8H |
| | At 50% of Imax | 35.4V x 115.0H |
| | At 90% of Imax | 14.5V x 44.1H |
| Beam Flux | Total | 999.3 lumens per klm. |
| | To 10% of Imax | 926.1 lumens per klm. |
| | To 50% of Imax | 353.7 lumens per klm. |
| | To 90% of Imax | 66.1 lumens per klm. |
| | Upward LOR | 0.0 % |
| | Downward LOR | 99.9 % |
| Luminaire Efficiency(Light Output Ratio) | | 100.0 % |

# LUMINAIRE PHOTOMETRIC TEST REPORT

| Test:U:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
|---|---|---|
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




| DATA OF LAMP | | Eff:139.76lm/W | |
|---|---|---|---|
| MODEL | | Imax(cd) | 83248 |
| NOMINAL POWER(W) | 750 | AVAILABILITY(%) | 93.5 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 98156 |
| NOMINAL FLUX(lm) | 105034 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 105034 |
| TEST VOLTAGE(V) | 220.6 | q @50%(H,V) | 115,35DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM UNIT:lm | | | | | | | | | | | | | | | | | | 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 | 0.00 | 0.00 |
| 80 | 0.93 | 3.29 | 7.07 | 13.6 | 26.6 | 53.8 | 95.0 | 123 | 123 | 124 | 129 | 108 | 67.7 | 34.0 | 16.6 | 8.49 | 3.89 | 1.06 | 940 | 0.00 |
| 70 | 0.85 | 3.89 | 10.8 | 25.5 | 58.2 | 122 | 201 | 258 | 283 | 288 | 269 | 209 | 124 | 60.4 | 28.2 | 12.7 | 4.78 | 1.03 | 1962 | 1039 |
| 60 | 0.92 | 5.24 | 16.6 | 40.4 | 82.5 | 151 | 233 | 312 | 361 | 365 | 315 | 225 | 139 | 78.4 | 41.5 | 19.1 | 6.49 | 1.16 | 2393 | 1631 |
| 50 | 0.94 | 6.59 | 22.7 | 52.9 | 95.0 | 159 | 230 | 298 | 341 | 336 | 285 | 217 | 155 | 97.7 | 54.5 | 26.2 | 8.23 | 1.22 | 2388 | 1480 |
| 40 | 0.95 | 7.89 | 29.6 | 65.6 | 130 | 214 | 279 | 316 | 330 | 329 | 312 | 278 | 220 | 145 | 78.6 | 33.8 | 9.85 | 1.25 | 2780 | 2151 |
| 30 | 0.98 | 9.16 | 37.4 | 110 | 227 | 326 | 389 | 433 | 478 | 491 | 461 | 405 | 339 | 246 | 140 | 54.6 | 11.8 | 1.29 | 4160 | 3876 |
| 20 | 1.09 | 10.6 | 57.3 | 208 | 354 | 452 | 537 | 665 | 757 | 762 | 690 | 586 | 475 | 370 | 243 | 88.4 | 13.9 | 1.33 | 6274 | 6140 |
| 10 | 1.17 | 11.8 | 83.0 | 282 | 444 | 550 | 702 | 877 | 942 | 945 | 890 | 741 | 575 | 459 | 319 | 113 | 15.2 | 1.37 | 7952 | 7859 |
| 0 | 1.22 | 12.4 | 99.3 | 326 | 519 | 641 | 814 | 975 | 1045 | 1051 | 989 | 839 | 663 | 543 | 367 | 125 | 15.3 | 1.42 | 9027 | 8948 |
| -10 | 1.22 | 11.8 | 101 | 343 | 583 | 751 | 935 | 1078 | 1142 | 1139 | 1080 | 954 | 793 | 640 | 396 | 120 | 14.2 | 1.48 | 10083 | 10004 |
| -20 | 1.22 | 10.9 | 89.7 | 319 | 622 | 912 | 1198 | 1400 | 1483 | 1486 | 1444 | 1291 | 1028 | 715 | 362 | 96.9 | 12.7 | 1.54 | 12473 | 12388 |
| -30 | 1.17 | 9.74 | 65.0 | 246 | 573 | 1023 | 1539 | 1985 | 2196 | 2230 | 2083 | 1697 | 1153 | 659 | 269 | 66.9 | 11.3 | 1.56 | 15809 | 15693 |
| -40 | 1.13 | 8.48 | 42.4 | 160 | 437 | 891 | 1481 | 2061 | 2426 | 2475 | 2167 | 1575 | 955 | 484 | 167 | 42.6 | 9.86 | 1.53 | 15386 | 15228 |
| -50 | 1.09 | 7.06 | 27.0 | 92.7 | 266 | 558 | 929 | 1337 | 1639 | 1630 | 1325 | 906 | 564 | 268 | 88.8 | 26.8 | 8.29 | 1.48 | 9675 | 9432 |
| -60 | 1.08 | 5.62 | 16.8 | 40.8 | 104 | 214 | 318 | 382 | 384 | 368 | 337 | 290 | 202 | 94.8 | 38.2 | 17.4 | 6.65 | 1.42 | 2821 | 2287 |
| -70 | 1.08 | 4.48 | 10.5 | 20.4 | 35.1 | 56.4 | 89.1 | 96.6 | 94.8 | 95.3 | 92.8 | 85.1 | 55.2 | 32.5 | 20.5 | 11.9 | 5.32 | 1.37 | 808 | 0.00 |
| -80 | 0.63 | 2.15 | 4.20 | 6.86 | 10.2 | 11.3 | 8.39 | 7.39 | 8.06 | 7.86 | 7.54 | 6.38 | 6.39 | 6.55 | 5.41 | 3.58 | 1.96 | 0.56 | 105 | 0.00 |
| -90 | -90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90 | | | | | | | | | | | | | | | | | | | |
| F t | 17.7 | 131 | 720 | 2352 | 4567 | 7088 | 9979 | 12602 | 14032 | 14123 | 12877 | 10413 | 7516 | 4934 | 2635 | 867 | 160 | 22.0 | 105034 | --- |
| F a | 0.00 | 0.00 | 376 | 1841 | 4021 | 6438 | 9379 | 12230 | 13716 | 13818 | 12525 | 9830 | 6895 | 4401 | 2183 | 503 | 0.00 | 0.00 | --- | 98156 |

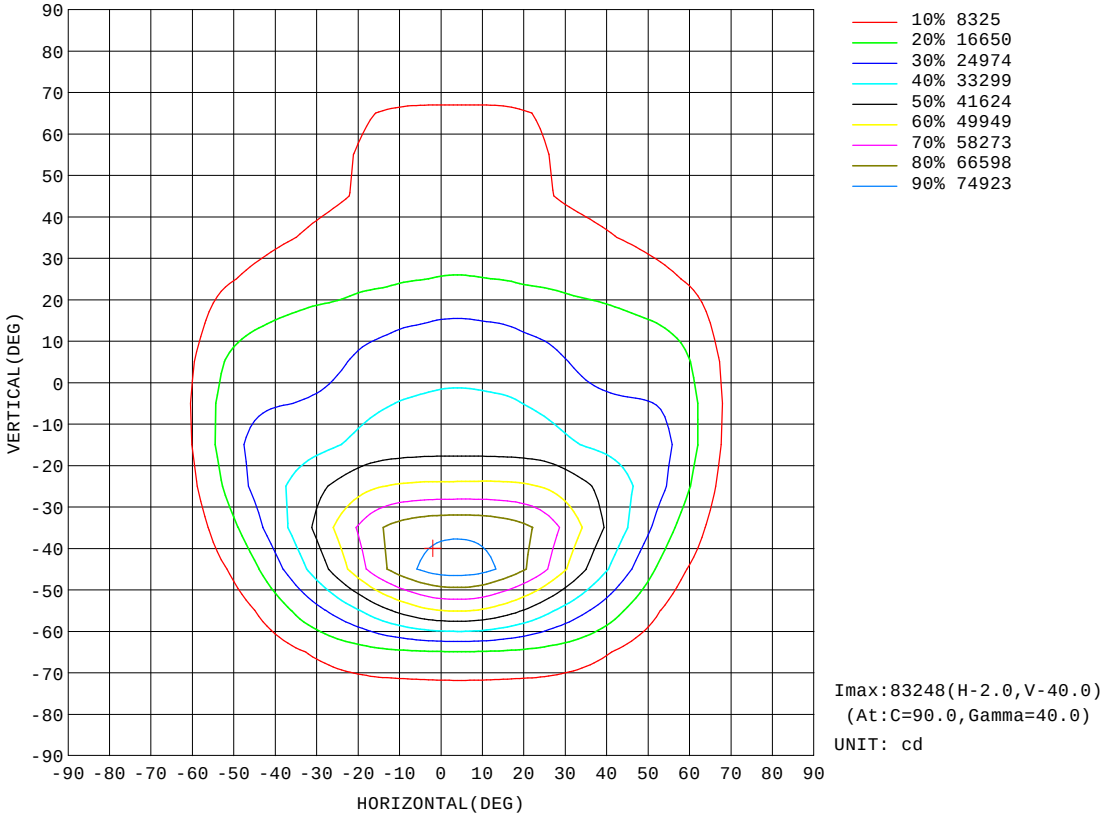
**one-half-peak spread: U:16.5,D:19.2 , L:57.8,R:57.5** **NEMA Beam Type: Type 7**

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 February 2023

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

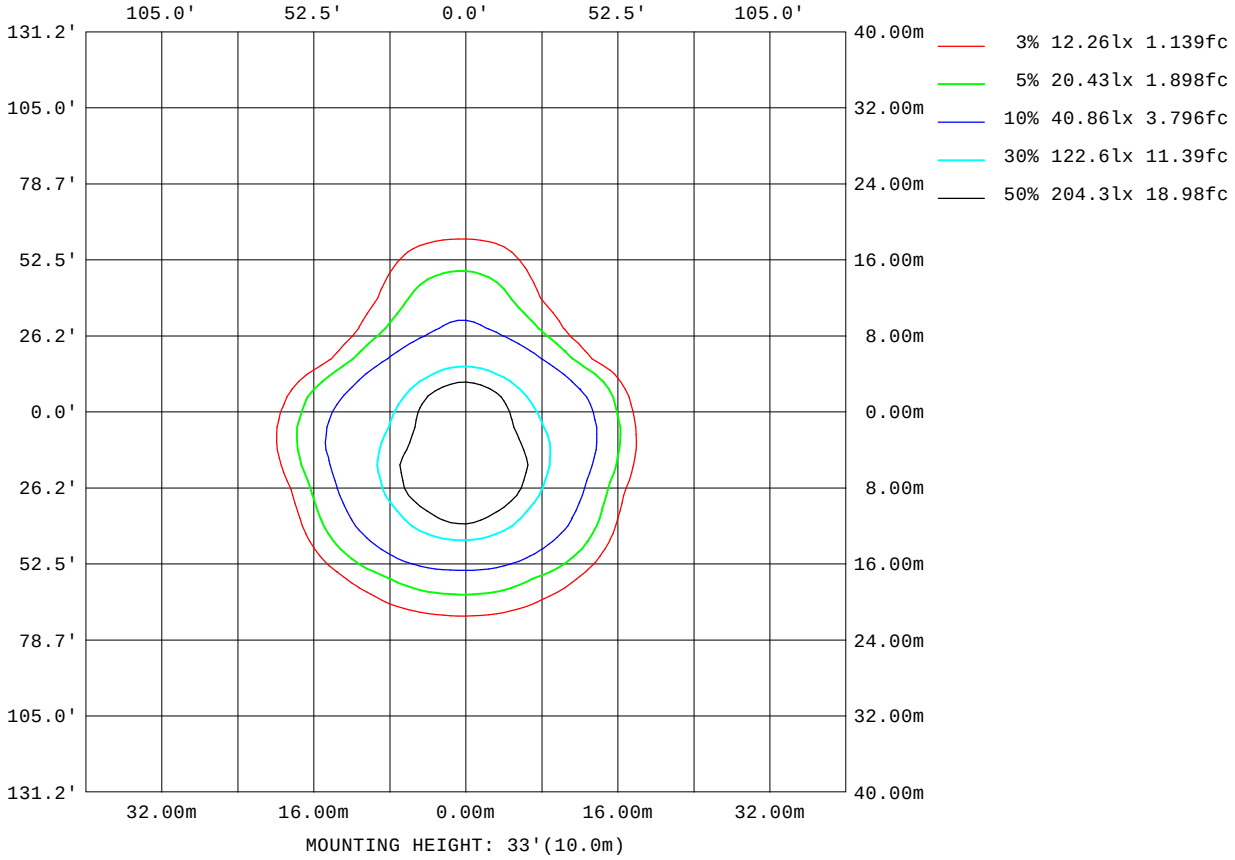
| | | |
|---|---|---|
| Test:U:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




| | |
|---|---|
| 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:19 February 2023 | Remarks: |

# ISOLUX DIAGRAM

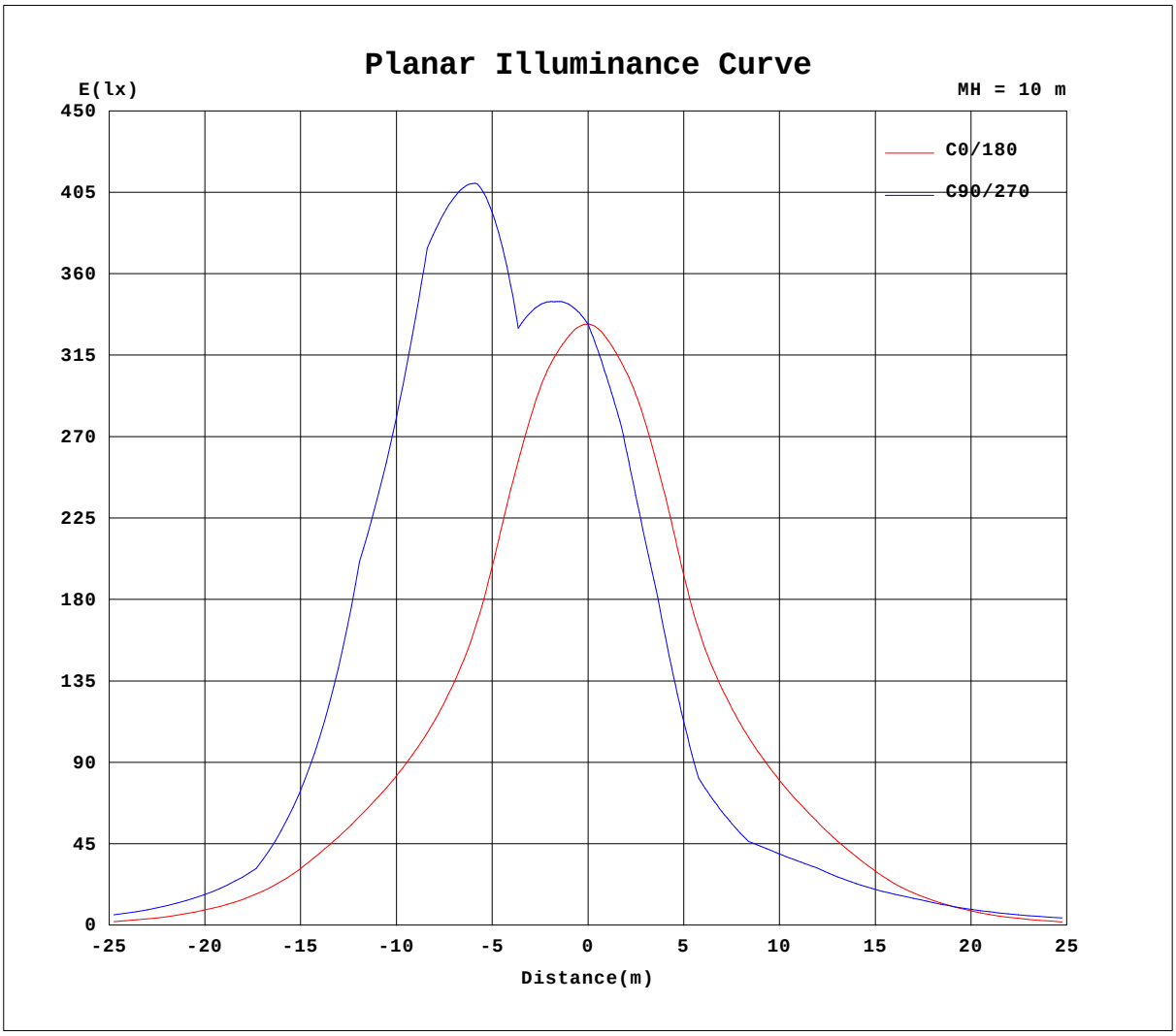
| Test:U:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
|---|---|---|
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |




H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 February 2023

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



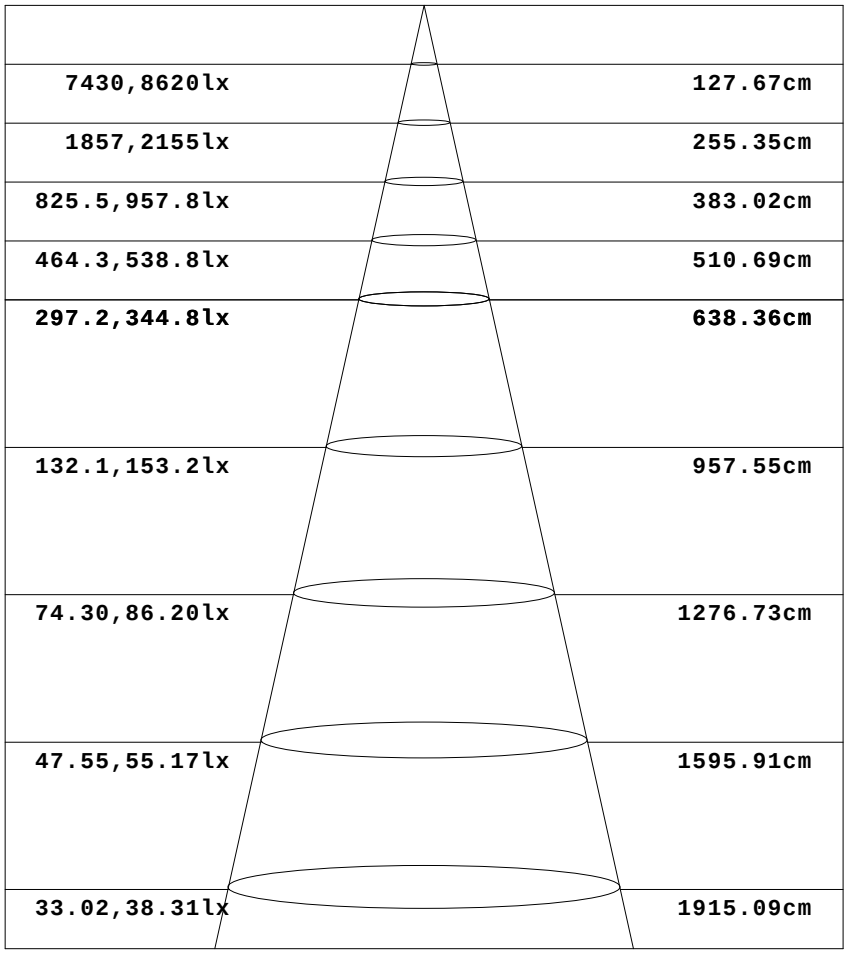

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 February 2023

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:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
|---|---|---|
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Flux out:9857 lm




Height Eavg,Emax Angle:35.40deg Diameter

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

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:19 February 2023

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:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--1 UNIT: ×10cd

| 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 | 35.7 | 41.9 | 46.6 | 52.0 | 58.2 | 66.2 | 75.3 | 85.7 | 98.6 | 113 | 127 | 138 | 148 | 155 | 161 | 165 | 169 | 172 | 173 |
| -75 | 30.4 | 33.2 | 40.2 | 47.5 | 56.7 | 68.4 | 83.7 | 101 | 122 | 149 | 185 | 230 | 287 | 355 | 417 | 443 | 439 | 447 | 458 |
| -70 | 33.0 | 41.5 | 51.8 | 65.6 | 84.3 | 108 | 135 | 167 | 214 | 272 | 355 | 462 | 590 | 698 | 722 | 714 | 729 | 749 | 755 |
| -65 | 27.2 | 30.3 | 39.2 | 52.2 | 71.5 | 98.6 | 134 | 177 | 236 | 351 | 503 | 727 | 946 | 1152 | 1304 | 1442 | 1530 | 1597 | 1629 |
| -60 | 30.0 | 41.5 | 59.3 | 86.8 | 126 | 177 | 239 | 343 | 541 | 815 | 1191 | 1514 | 1784 | 1963 | 2205 | 2377 | 2483 | 2517 | 2524 |
| -55 | 24.6 | 27.6 | 38.7 | 58.6 | 91.1 | 139 | 207 | 325 | 519 | 828 | 1266 | 1789 | 2287 | 2776 | 3286 | 3851 | 4355 | 4763 | 5000 |
| -50 | 27.7 | 42.4 | 68.6 | 112 | 175 | 274 | 477 | 794 | 1271 | 1919 | 2597 | 3248 | 3969 | 4823 | 5718 | 6515 | 7172 | 7528 | 7546 |
| -45 | 22.7 | 25.5 | 39.2 | 66.0 | 111 | 183 | 303 | 587 | 965 | 1521 | 2225 | 2946 | 3700 | 4547 | 5463 | 6355 | 7051 | 7569 | 7889 |
| -40 | 25.8 | 44.6 | 78.1 | 134 | 229 | 410 | 846 | 1326 | 2033 | 2824 | 3586 | 4472 | 5484 | 6480 | 7304 | 7816 | 8139 | 8307 | 8309 |
| -35 | 20.9 | 23.7 | 40.3 | 73.1 | 128 | 225 | 452 | 965 | 1530 | 2206 | 2916 | 3599 | 4349 | 5148 | 5899 | 6554 | 6959 | 7182 | 7294 |
| -30 | 24.4 | 46.7 | 85.9 | 150 | 279 | 662 | 1307 | 1991 | 2667 | 3284 | 3893 | 4549 | 5120 | 5611 | 6005 | 6209 | 6292 | 6301 | 6317 |
| -25 | 19.4 | 22.5 | 41.4 | 79.1 | 140 | 266 | 675 | 1358 | 2060 | 2661 | 3122 | 3526 | 3945 | 4331 | 4674 | 4937 | 5075 | 5130 | 5140 |
| -20 | 23.5 | 48.3 | 92.5 | 163 | 345 | 956 | 1678 | 2397 | 2860 | 3123 | 3324 | 3505 | 3686 | 3862 | 3941 | 3970 | 3979 | 3980 | 3978 |
| -15 | 18.4 | 21.4 | 41.5 | 83.0 | 149 | 309 | 851 | 1598 | 2261 | 2664 | 2853 | 2984 | 3113 | 3289 | 3512 | 3652 | 3721 | 3762 | 3788 |
| -10 | 22.2 | 48.0 | 95.5 | 173 | 411 | 1050 | 1799 | 2337 | 2561 | 2641 | 2694 | 2778 | 2981 | 3238 | 3395 | 3490 | 3560 | 3601 | 3603 |
| -5 | 17.8 | 20.3 | 40.5 | 84.6 | 155 | 340 | 895 | 1580 | 2131 | 2375 | 2457 | 2505 | 2583 | 2763 | 3044 | 3239 | 3347 | 3406 | 3452 |
| 0 | 20.8 | 47.0 | 97.2 | 179 | 434 | 1021 | 1618 | 2064 | 2235 | 2291 | 2340 | 2434 | 2651 | 2948 | 3137 | 3232 | 3274 | 3315 | 3320 |
| 5 | 17.3 | 18.9 | 38.6 | 84.0 | 156 | 331 | 781 | 1379 | 1824 | 2011 | 2087 | 2147 | 2227 | 2370 | 2659 | 2872 | 2999 | 3046 | 3087 |
| 10 | 19.1 | 44.2 | 95.1 | 174 | 373 | 775 | 1365 | 1686 | 1824 | 1907 | 1983 | 2056 | 2181 | 2483 | 2675 | 2792 | 2834 | 2871 | 2877 |
| 15 | 16.9 | 17.8 | 36.0 | 80.3 | 148 | 281 | 552 | 1019 | 1377 | 1554 | 1669 | 1762 | 1834 | 1900 | 2067 | 2209 | 2359 | 2440 | 2512 |
| 20 | 18.2 | 41.3 | 89.1 | 157 | 290 | 475 | 869 | 1151 | 1335 | 1473 | 1573 | 1634 | 1663 | 1725 | 1799 | 1975 | 2073 | 2173 | 2174 |
| 25 | 17.6 | 18.2 | 34.0 | 73.3 | 133 | 222 | 371 | 572 | 807 | 996 | 1160 | 1283 | 1365 | 1410 | 1458 | 1503 | 1583 | 1643 | 1703 |
| 30 | 19.4 | 38.7 | 78.1 | 138 | 211 | 327 | 383 | 539 | 728 | 903 | 1030 | 1118 | 1174 | 1210 | 1225 | 1226 | 1233 | 1249 | 1252 |
| 35 | 20.0 | 20.6 | 33.7 | 65.6 | 115 | 178 | 269 | 337 | 428 | 556 | 701 | 831 | 930 | 1001 | 1053 | 1090 | 1109 | 1125 | 1138 |
| 40 | 22.8 | 38.7 | 70.2 | 116 | 172 | 249 | 311 | 366 | 439 | 555 | 677 | 776 | 852 | 914 | 965 | 999 | 1021 | 1031 | 1031 |
| 45 | 23.4 | 24.2 | 34.3 | 58.9 | 96.2 | 143 | 201 | 272 | 318 | 387 | 480 | 590 | 692 | 783 | 869 | 956 | 1031 | 1084 | 1113 |
| 50 | 26.4 | 37.8 | 60.7 | 93.2 | 134 | 181 | 251 | 296 | 365 | 451 | 546 | 645 | 748 | 859 | 980 | 1088 | 1163 | 1200 | 1194 |
| 55 | 26.1 | 27.1 | 34.1 | 51.1 | 75.8 | 108 | 145 | 196 | 249 | 315 | 402 | 508 | 623 | 742 | 858 | 973 | 1072 | 1137 | 1171 |
| 60 | 28.5 | 36.0 | 50.2 | 70.0 | 95.6 | 126 | 168 | 225 | 296 | 394 | 516 | 648 | 783 | 903 | 1010 | 1088 | 1130 | 1149 | 1145 |
| 65 | 27.3 | 28.2 | 32.4 | 42.1 | 55.9 | 73.9 | 96.1 | 125 | 168 | 223 | 302 | 408 | 528 | 656 | 763 | 843 | 897 | 922 | 929 |
| 70 | 28.5 | 32.1 | 38.8 | 48.2 | 60.6 | 76.4 | 97.5 | 129 | 177 | 250 | 347 | 459 | 576 | 659 | 701 | 720 | 719 | 710 | 712 |
| 75 | 27.0 | 27.5 | 29.3 | 33.3 | 38.8 | 46.2 | 55.5 | 67.8 | 85.4 | 112 | 152 | 207 | 273 | 347 | 407 | 440 | 451 | 444 | 431 |
| 80 | 26.9 | 27.8 | 29.7 | 32.1 | 35.2 | 39.0 | 44.1 | 50.7 | 60.5 | 73.8 | 92.1 | 115 | 146 | 172 | 187 | 181 | 163 | 148 | 152 |
| 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:19 February 2023

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:221.9V I:3.497A P:751.5W PF:0.9682 Freq:49.90Hz Lamp Flux:105034x1 lm | | |
| NAME: ITSP4750AS4000 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:001 |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

Table--2 UNIT: ×10cd

| 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 | 173 | 172 | 170 | 167 | 162 | 155 | 145 | 133 | 118 | 105 | 93.2 | 83.0 | 73.5 | 65.5 | 58.7 | 52.3 | 44.7 | 37.6 |
| -75 | 465 | 458 | 452 | 450 | 452 | 412 | 349 | 286 | 231 | 189 | 155 | 130 | 110 | 92.3 | 76.9 | 65.0 | 55.0 | 46.0 |
| -70 | 739 | 730 | 732 | 728 | 639 | 517 | 404 | 311 | 245 | 193 | 158 | 130 | 104 | 83.1 | 67.1 | 54.2 | 43.7 | 36.1 |
| -65 | 1641 | 1622 | 1576 | 1498 | 1389 | 1264 | 1094 | 887 | 651 | 453 | 316 | 222 | 173 | 134 | 99.7 | 75.2 | 57.7 | 44.8 |
| -60 | 2492 | 2395 | 2230 | 1998 | 1831 | 1591 | 1278 | 899 | 601 | 390 | 263 | 199 | 148 | 105 | 75.4 | 55.4 | 41.8 | 34.7 |
| -55 | 5045 | 4912 | 4578 | 4131 | 3594 | 3070 | 2581 | 2110 | 1578 | 1082 | 688 | 436 | 275 | 184 | 127 | 86.4 | 60.1 | 43.1 |
| -50 | 7226 | 6599 | 5835 | 4966 | 4109 | 3381 | 2741 | 2046 | 1386 | 863 | 533 | 304 | 194 | 130 | 84.8 | 56.8 | 40.0 | 33.4 |
| -45 | 7943 | 7759 | 7320 | 6744 | 5970 | 5053 | 4174 | 3392 | 2652 | 1906 | 1243 | 787 | 436 | 242 | 152 | 96.9 | 62.1 | 41.3 |
| -40 | 8148 | 7836 | 7381 | 6615 | 5635 | 4636 | 3745 | 2963 | 2138 | 1403 | 897 | 457 | 246 | 149 | 91.9 | 57.5 | 37.8 | 32.1 |
| -35 | 7317 | 7267 | 7107 | 6837 | 6336 | 5620 | 4845 | 4066 | 3344 | 2622 | 1877 | 1238 | 699 | 312 | 173 | 105 | 63.3 | 38.7 |
| -30 | 6341 | 6293 | 6136 | 5794 | 5305 | 4738 | 4087 | 3446 | 2804 | 2073 | 1363 | 737 | 304 | 162 | 97.0 | 57.3 | 34.4 | 29.5 |
| -25 | 5146 | 5159 | 5148 | 5088 | 4926 | 4630 | 4272 | 3876 | 3448 | 3002 | 2425 | 1694 | 1015 | 408 | 189 | 109 | 62.6 | 34.9 |
| -20 | 3980 | 3988 | 3994 | 3960 | 3819 | 3657 | 3494 | 3280 | 2997 | 2504 | 1739 | 1018 | 374 | 172 | 98.1 | 54.5 | 30.0 | 26.8 |
| -15 | 3792 | 3778 | 3754 | 3720 | 3649 | 3475 | 3280 | 3158 | 3042 | 2883 | 2579 | 1953 | 1232 | 516 | 202 | 110 | 60.0 | 30.4 |
| -10 | 3567 | 3509 | 3425 | 3287 | 3047 | 2845 | 2777 | 2749 | 2688 | 2450 | 1883 | 1142 | 455 | 179 | 97.9 | 51.1 | 25.3 | 23.2 |
| -5 | 3464 | 3439 | 3400 | 3321 | 3179 | 2937 | 2703 | 2600 | 2556 | 2517 | 2368 | 1917 | 1249 | 573 | 209 | 110 | 56.8 | 26.1 |
| 0 | 3296 | 3269 | 3171 | 2993 | 2718 | 2499 | 2397 | 2352 | 2316 | 2164 | 1702 | 1074 | 471 | 181 | 96.5 | 47.2 | 21.5 | 20.6 |
| 5 | 3101 | 3080 | 3056 | 2968 | 2807 | 2538 | 2334 | 2236 | 2171 | 2121 | 2011 | 1689 | 1105 | 532 | 207 | 109 | 53.9 | 23.0 |
| 10 | 2854 | 2822 | 2708 | 2532 | 2255 | 2120 | 2042 | 1972 | 1900 | 1776 | 1467 | 885 | 406 | 177 | 95.1 | 45.0 | 19.5 | 19.2 |
| 15 | 2530 | 2488 | 2439 | 2310 | 2190 | 2024 | 1922 | 1857 | 1774 | 1678 | 1545 | 1302 | 813 | 423 | 193 | 106 | 51.8 | 21.7 |
| 20 | 2104 | 2019 | 1859 | 1791 | 1737 | 1701 | 1639 | 1541 | 1415 | 1242 | 972 | 546 | 314 | 163 | 91.9 | 43.0 | 19.3 | 19.2 |
| 25 | 1718 | 1682 | 1643 | 1564 | 1520 | 1474 | 1431 | 1368 | 1268 | 1128 | 948 | 737 | 477 | 303 | 169 | 99.9 | 49.9 | 22.1 |
| 30 | 1245 | 1242 | 1246 | 1233 | 1193 | 1143 | 1064 | 945 | 775 | 576 | 399 | 333 | 222 | 144 | 84.6 | 42.5 | 21.1 | 20.7 |
| 35 | 1143 | 1134 | 1121 | 1106 | 1078 | 1028 | 967 | 884 | 772 | 634 | 498 | 372 | 308 | 217 | 145 | 89.4 | 48.4 | 24.4 |
| 40 | 1019 | 993 | 959 | 906 | 840 | 762 | 664 | 548 | 437 | 367 | 310 | 254 | 177 | 123 | 75.2 | 42.0 | 24.7 | 23.7 |
| 45 | 1116 | 1089 | 1036 | 961 | 874 | 783 | 694 | 603 | 505 | 408 | 339 | 288 | 234 | 166 | 119 | 77.5 | 46.5 | 27.8 |
| 50 | 1143 | 1052 | 931 | 803 | 690 | 591 | 503 | 421 | 348 | 287 | 249 | 180 | 136 | 97.7 | 65.3 | 41.6 | 28.6 | 26.9 |
| 55 | 1173 | 1142 | 1080 | 981 | 859 | 734 | 612 | 502 | 403 | 322 | 260 | 216 | 162 | 123 | 91.1 | 64.1 | 43.4 | 30.6 |
| 60 | 1122 | 1074 | 985 | 864 | 728 | 587 | 459 | 349 | 269 | 213 | 164 | 127 | 97.5 | 72.9 | 53.3 | 38.7 | 30.8 | 29.3 |
| 65 | 929 | 925 | 908 | 859 | 781 | 672 | 539 | 416 | 309 | 230 | 177 | 138 | 107 | 84.1 | 65.2 | 49.9 | 38.3 | 31.2 |
| 70 | 726 | 728 | 707 | 660 | 565 | 440 | 327 | 233 | 166 | 124 | 96.8 | 77.5 | 62.7 | 50.7 | 41.3 | 34.2 | 30.5 | 29.7 |
| 75 | 430 | 445 | 459 | 454 | 428 | 373 | 295 | 224 | 164 | 121 | 92.9 | 74.7 | 61.7 | 51.8 | 43.7 | 37.4 | 32.6 | 29.6 |
| 80 | 172 | 192 | 196 | 179 | 151 | 119 | 95.2 | 75.8 | 62.3 | 52.9 | 46.7 | 41.6 | 37.4 | 33.9 | 31.3 | 29.5 | 28.3 | 28.0 |
| 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:19 February 2023

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: