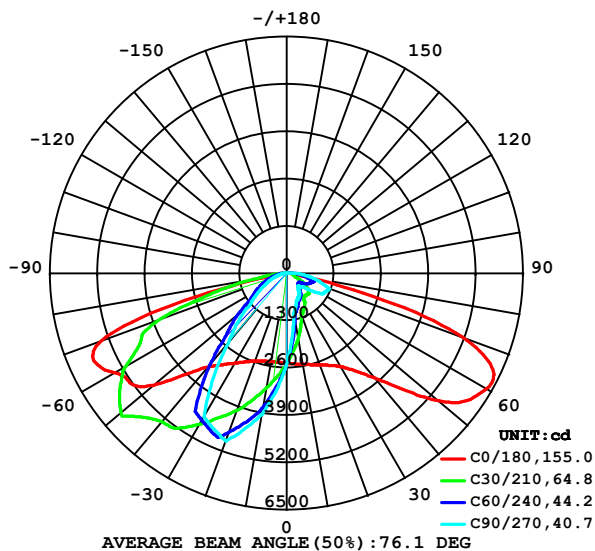
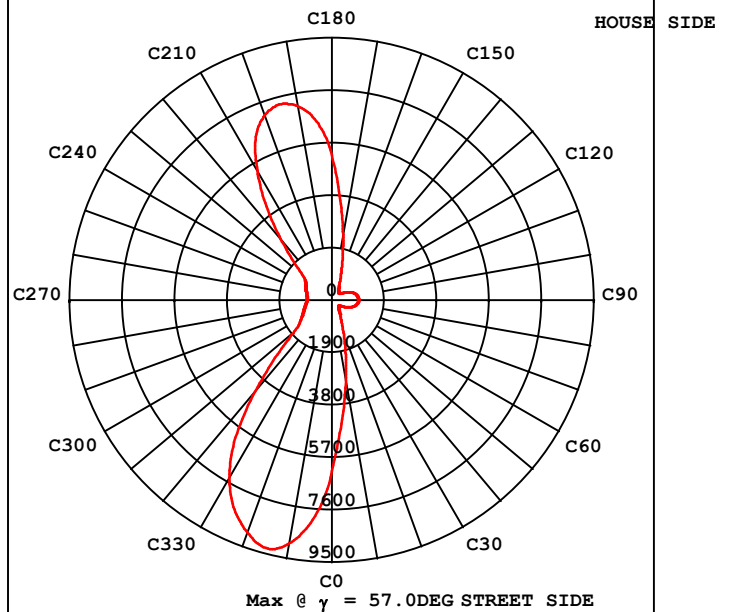


## STREETLIGHT PHOTOMETRIC TEST REPORT

|                                                               |          |                  |
|---------------------------------------------------------------|----------|------------------|
| Test:U:44.50V I:1.410A P:63.30W PF:1.000 Lamp Flux:11998x1 lm |          |                  |
| NAME: YF-EIF-100W                                             | TYPE:LED | WEIGHT:          |
| SPEC.:YF-EIF-100W                                             | DIM.:    | SERIAL No.:1     |
| MFR.: Shenzhen Yufai Aurora Opto Co.,Ltd                      | SUR.:    | Shielding Angle: |

| DATA OF LAMP     |       | PHOTOMETRIC DATA Eff: 189.54 lm/W |          |                       |         |
|------------------|-------|-----------------------------------|----------|-----------------------|---------|
| MODEL            |       | Imax(cd)                          | 9302     | $\eta$ street_up(%)   | 0.2     |
| NOMINAL POWER(W) |       | LOR(%)                            | 100.0    | $\eta$ street_down(%) | 53.2    |
| RATED VOLTAGE(V) |       | TOTAL FLUX(lm)                    | 11998    | $\eta$ house_up(%)    | 0.2     |
| NOMINAL FLUX(lm) | 11998 | MAXIMUM @ (C, $\gamma$ )          | 345,57.0 | $\eta$ house_down(%)  | 46.4    |
| LAMPS INSIDE     | 1     | $\eta$ up(%)                      | 0.4      | 76 FLASHAREA(m2)      | 0.00100 |
| TEST VOLTAGE(V)  |       | $\eta$ down(%)                    | 99.6     | SLI                   | 19.354  |

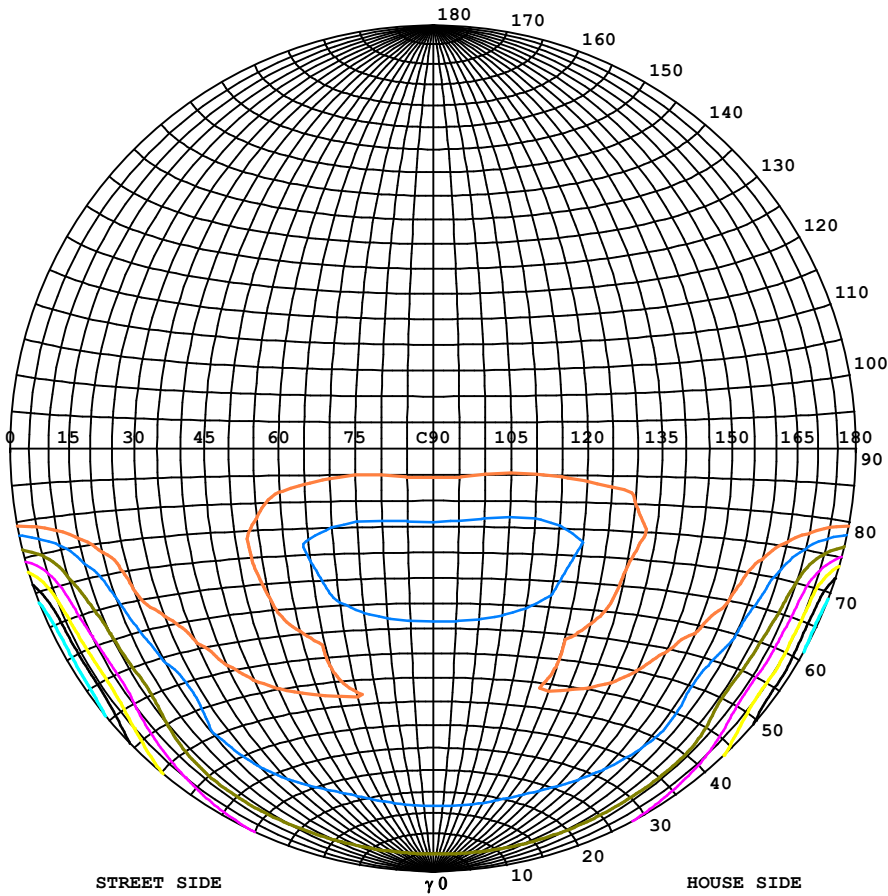
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM



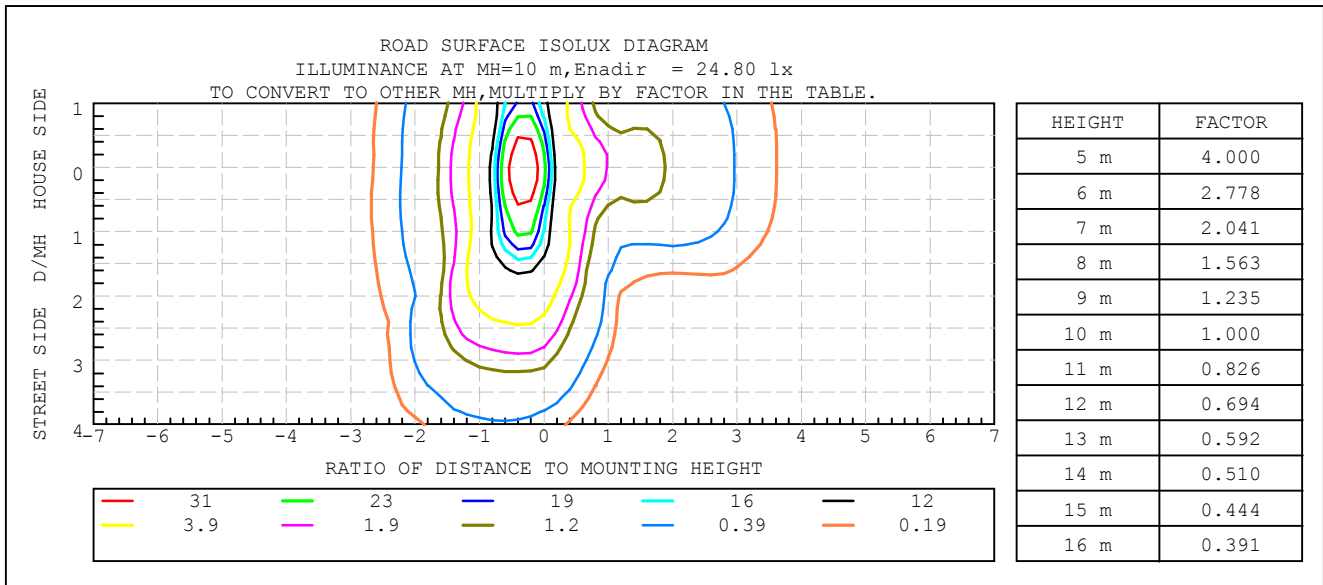
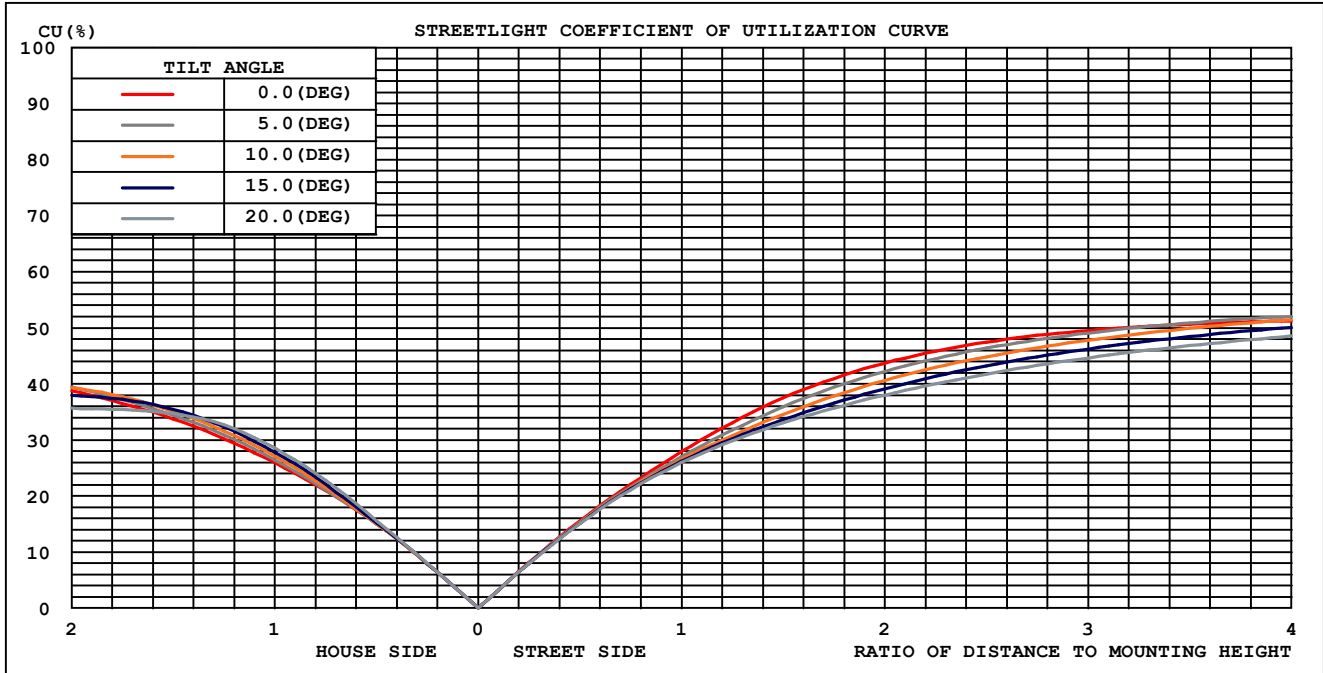
Classification:  
IES:Type IV - Short  
CIE:Broad - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:86.99cd/klm  
Max.At90:17.81cd/klm  
Max.80-90:86.99cd/klm

| ISOCANDELA DIAGRAM |      |
|--------------------|------|
| UNIT               | cd   |
| Imax=100%          | 9302 |
| 90%                | 8372 |
| 80%                | 7442 |
| 70%                | 6511 |
| 60%                | 5581 |
| 50%                | 4651 |
| 40%                | 3721 |
| 30%                | 2791 |
| 20%                | 1860 |
| 10%                | 930  |
| 5%                 | 465  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks:

### COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity: 65.0%  
Test Distance: 7.800m [K=1.0000]  
Remarks:

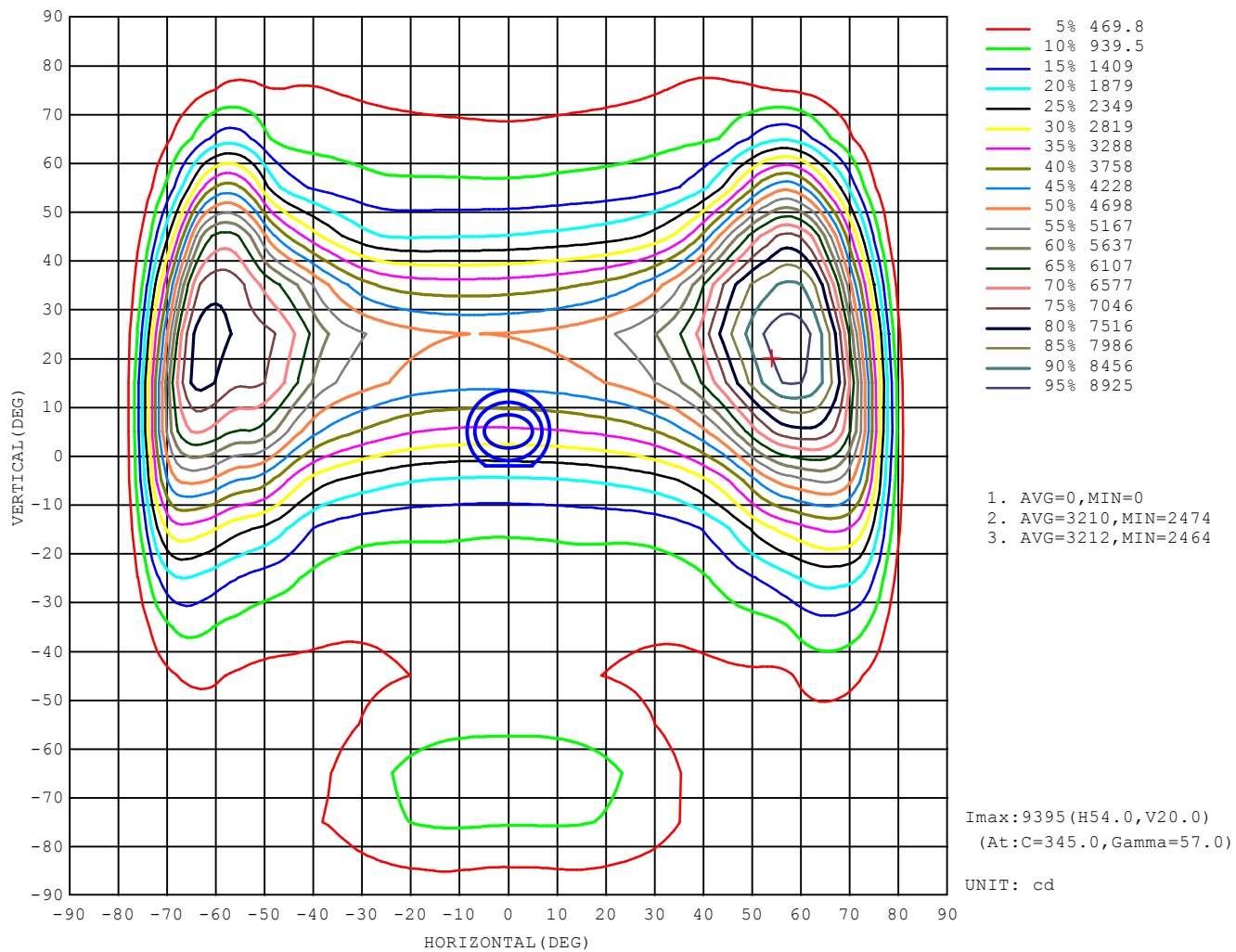
## ZONAL FLUX DIAGRAM

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225   | C270  | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|--------|-------|--------|----------|-------------|--------------|------------|
| 5        | 2503                  | 2018  | 1810  | 1995  | 2463  | 2978   | 3202  | 3008   | 0- 5     | 59.58       | 59.58        | 0.50,0.50  |
| 10       | 2541                  | 1553  | 1140  | 1521  | 2468  | 3487   | 3925  | 3549   | 5- 10    | 179.7       | 239.3        | 1.99,1.99  |
| 15       | 2603                  | 1158  | 980.5 | 1127  | 2505  | 3987   | 4416  | 4083   | 10- 15   | 304.6       | 543.9        | 4.53,4.53  |
| 20       | 2686                  | 1042  | 821.2 | 1018  | 2569  | 4379   | 4907  | 4537   | 15- 20   | 441.5       | 985.5        | 8.21,8.21  |
| 25       | 2794                  | 892.1 | 754.3 | 885.4 | 2688  | 4800   | 4731  | 5036   | 20- 25   | 583.1       | 1569         | 13.1,13.1  |
| 30       | 2964                  | 763.9 | 687.5 | 773.1 | 2858  | 4945   | 4555  | 5271   | 25- 30   | 715.1       | 2284         | 19,19      |
| 35       | 3272                  | 689.6 | 577.5 | 691.3 | 3067  | 4869   | 3534  | 5287   | 30- 35   | 827.7       | 3111         | 25.9,25.9  |
| 40       | 3759                  | 617.2 | 467.6 | 599.6 | 3359  | 4702   | 2513  | 5245   | 35- 40   | 897.9       | 4009         | 33.4,33.4  |
| 45       | 4505                  | 514.4 | 523.1 | 501.1 | 3931  | 3778   | 1905  | 4627   | 40- 45   | 956.4       | 4966         | 41.4,41.4  |
| 50       | 5460                  | 411.9 | 578.5 | 410.8 | 4783  | 2914   | 1298  | 4072   | 45- 50   | 1043        | 6008         | 50.1,50.1  |
| 55       | 6093                  | 366.1 | 857.5 | 384.7 | 5259  | 2294   | 1028  | 3217   | 50- 55   | 1120        | 7129         | 59.4,59.4  |
| 60       | 6344                  | 313.9 | 1137  | 350.0 | 5468  | 1488   | 757.5 | 2258   | 55- 60   | 1152        | 8281         | 69,69      |
| 65       | 6252                  | 320.3 | 1193  | 364.8 | 5806  | 1173   | 578.6 | 1671   | 60- 65   | 1152        | 9433         | 78.6,78.6  |
| 70       | 5128                  | 320.9 | 1249  | 384.1 | 5407  | 817.0  | 399.6 | 1056   | 65- 70   | 1072        | 10506        | 87.6,87.6  |
| 75       | 2462                  | 338.2 | 975.2 | 433.3 | 2898  | 638.4  | 275.3 | 741.1  | 70- 75   | 796.9       | 11303        | 94.2,94.2  |
| 80       | 308.7                 | 301.1 | 701.0 | 413.3 | 350.0 | 468.3  | 151.0 | 495.6  | 75- 80   | 398.6       | 11701        | 97.5,97.5  |
| 85       | 130.8                 | 220.5 | 431.7 | 302.0 | 171.6 | 264.8  | 80.72 | 263.3  | 80- 85   | 170.4       | 11872        | 98.9,98.9  |
| 90       | 16.05                 | 80.20 | 162.4 | 73.95 | 20.17 | 35.59  | 10.41 | 38.29  | 85- 90   | 73.30       | 11945        | 99.6,99.6  |
| 95       | 8.866                 | 29.88 | 83.33 | 25.52 | 1.747 | 10.84  | 5.880 | 11.77  | 90- 95   | 21.76       | 11967        | 99.7,99.7  |
| 100      | 5.993                 | 8.615 | 4.297 | 5.514 | 2.822 | 0.5419 | 1.348 | 0.6805 | 95-100   | 6.365       | 11973        | 99.8,99.8  |
| 105      | 7.960                 | 8.293 | 4.812 | 6.258 | 3.436 | 0.6184 | 1.594 | 0.7753 | 100-105  | 2.084       | 11975        | 99.8,99.8  |
| 110      | 6.011                 | 8.071 | 5.327 | 7.388 | 3.969 | 0.7013 | 1.840 | 0.8958 | 105-110  | 2.171       | 11977        | 99.8,99.8  |
| 115      | 5.440                 | 8.134 | 5.517 | 8.355 | 4.806 | 0.7840 | 1.905 | 0.9676 | 110-115  | 2.295       | 11980        | 99.8,99.8  |
| 120      | 5.760                 | 8.527 | 5.708 | 9.063 | 5.637 | 0.8521 | 1.970 | 0.9839 | 115-120  | 2.381       | 11982        | 99.9,99.9  |
| 125      | 5.813                 | 8.132 | 6.282 | 10.24 | 6.170 | 0.9043 | 1.796 | 1.000  | 120-125  | 2.409       | 11984        | 99.9,99.9  |
| 130      | 5.503                 | 8.389 | 6.856 | 11.10 | 5.999 | 0.9253 | 1.622 | 0.9862 | 125-130  | 2.318       | 11987        | 99.9,99.9  |
| 135      | 5.238                 | 8.114 | 7.868 | 11.10 | 5.420 | 1.005  | 1.439 | 1.049  | 130-135  | 2.182       | 11989        | 99.9,99.9  |
| 140      | 5.032                 | 7.974 | 8.881 | 11.81 | 4.785 | 1.053  | 1.256 | 1.067  | 135-140  | 2.006       | 11991        | 99.9,99.9  |
| 145      | 4.793                 | 7.901 | 9.307 | 10.75 | 4.272 | 1.191  | 1.199 | 1.200  | 140-145  | 1.769       | 11993        | 100,100    |
| 150      | 4.579                 | 8.459 | 9.733 | 9.831 | 3.882 | 1.327  | 1.143 | 1.332  | 145-150  | 1.506       | 11994        | 100,100    |
| 155      | 4.531                 | 8.272 | 9.357 | 8.761 | 3.626 | 1.514  | 1.281 | 1.519  | 150-155  | 1.254       | 11995        | 100,100    |
| 160      | 4.427                 | 7.328 | 8.981 | 7.513 | 3.466 | 1.779  | 1.420 | 1.771  | 155-160  | 0.9910      | 11996        | 100,100    |
| 165      | 4.381                 | 6.352 | 7.563 | 6.340 | 3.386 | 2.032  | 1.739 | 2.013  | 160-165  | 0.7294      | 11997        | 100,100    |
| 170      | 4.356                 | 5.615 | 6.146 | 5.567 | 3.340 | 2.438  | 2.058 | 2.419  | 165-170  | 0.4888      | 11998        | 100,100    |
| 175      | 4.297                 | 4.942 | 5.198 | 4.899 | 3.327 | 2.873  | 2.686 | 2.867  | 170-175  | 0.2821      | 11998        | 100,100    |
| 180      | 4.251                 | 4.251 | 4.251 | 4.251 | 3.314 | 3.314  | 3.314 | 3.314  | 175-180  | 0.0921      | 11998        | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |        |       |        |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
 Humidity:65.0%  
 Test Distance:7.800m [K=1.0000]  
 Remarks:

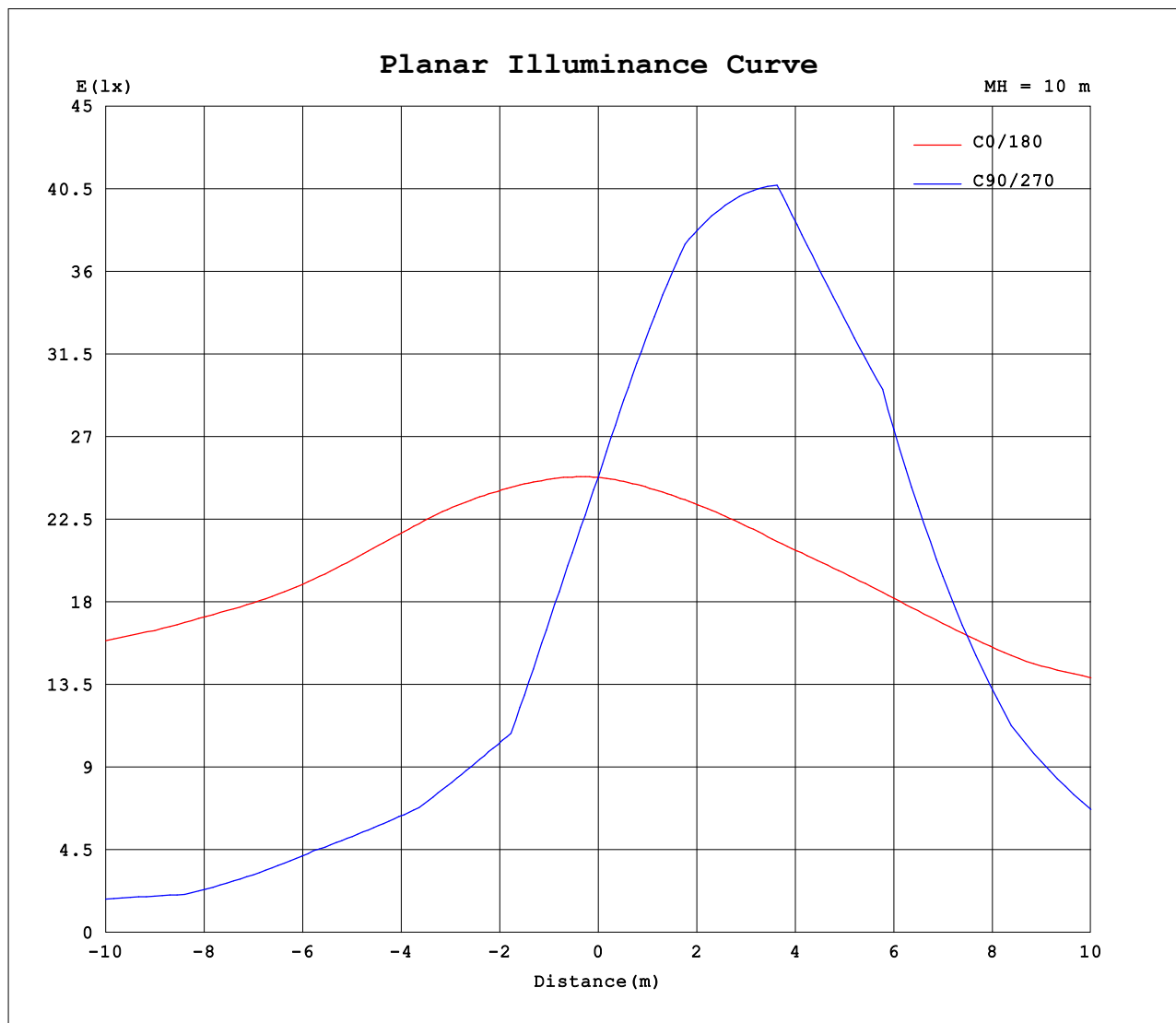
## ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



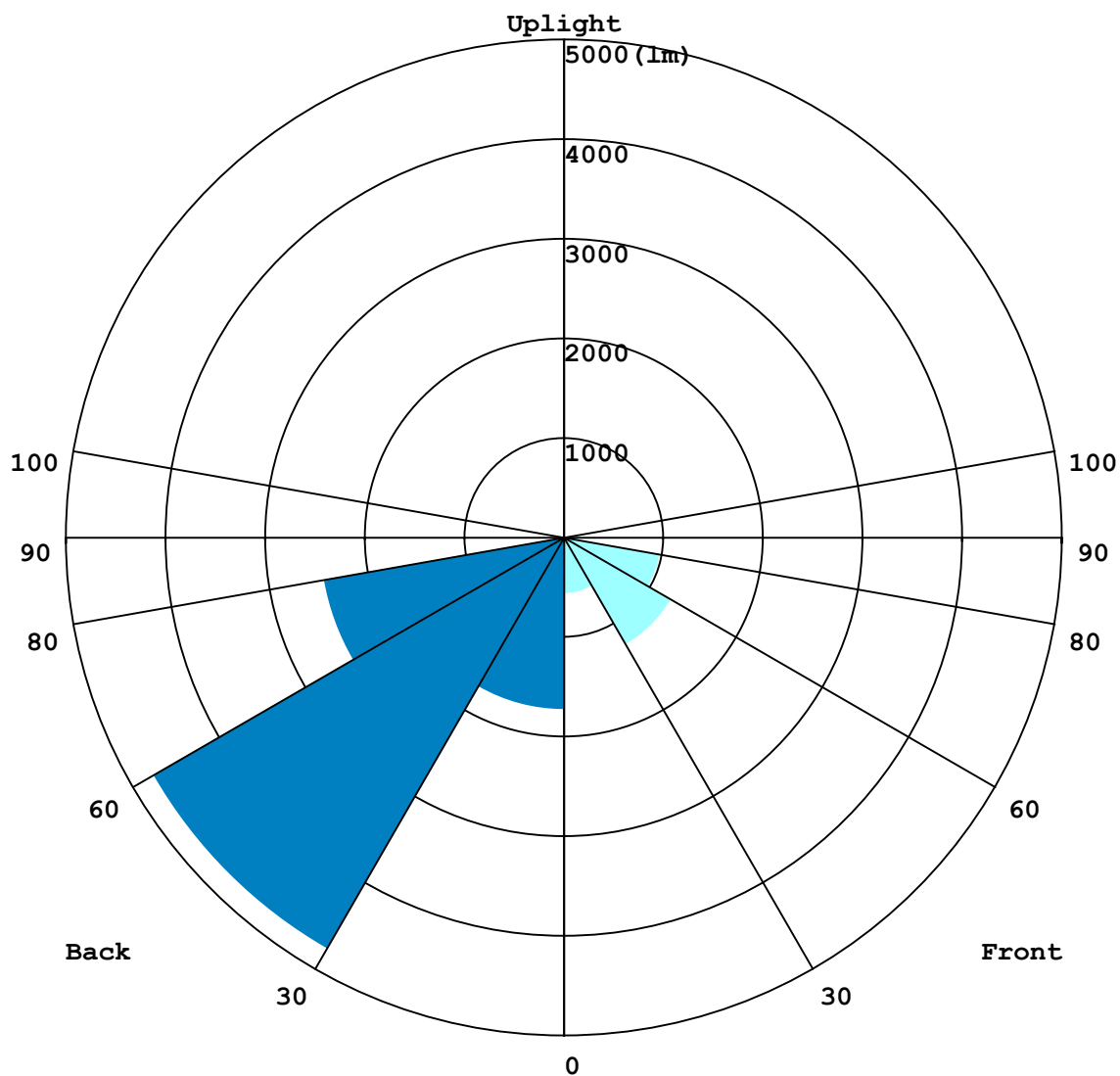
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity: 65.0%  
Test Distance: 7.800m [K=1.0000]  
Remarks:

## LCS REPORT

|                                                               |          |                  |
|---------------------------------------------------------------|----------|------------------|
| Test:U:44.50V I:1.410A P:63.30W PF:1.000 Lamp Flux:11998x1 lm |          |                  |
| NAME: YF-EIF-100W                                             | TYPE:LED | WEIGHT:          |
| SPEC.: YF-EIF-100W                                            | DIM.:    | SERIAL No.:1     |
| MFR.: Shenzhen Yufai Aurora Opto Co.,Ltd                      | SUR.:    | Shielding Angle: |

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
 Humidity:65.0%  
 Test Distance:7.800m [K=1.0000]  
 Remarks:

## BUG REPORT

|                                                               |          |                  |
|---------------------------------------------------------------|----------|------------------|
| Test:U:44.50V I:1.410A P:63.30W PF:1.000 Lamp Flux:11998x1 lm |          |                  |
| NAME: YF-EIF-100W                                             | TYPE:LED | WEIGHT:          |
| SPEC.: YF-EIF-100W                                            | DIM.:    | SERIAL No.:1     |
| MFR.: Shenzhen Yufai Aurora Opto Co.,Ltd                      | SUR.:    | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone                         | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30)         | 557.82 | 4.6         |
| FM - Front-Medium(30-60)     | 1238.1 | 10.3        |
| FH - Front-High(60-80)       | 975.44 | 8.1         |
| FVH - Front-Very High(80-90) | 142.25 | 1.2         |
| Total Forward Light          | 2957.9 | 24.7        |

|                             |        |      |
|-----------------------------|--------|------|
| BL - Back-Low(0-30)         | 1725.8 | 14.4 |
| BM - Back-Medium(30-60)     | 4759.2 | 39.7 |
| BH - Back-High(60-80)       | 2444.8 | 20.4 |
| BVH - Back-Very High(80-90) | 101.46 | 0.8  |
| Total Back Light            | 9040.2 | 75.3 |

|                            |        |     |
|----------------------------|--------|-----|
| UL - Uplight-Low(90-100)   | 28.124 | 0.2 |
| UH - Uplight-High(100-180) | 24.958 | 0.2 |
| Total Up Light             | 53.082 | 0.4 |

|                           |          |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B3-U2-G3 |
|---------------------------|----------|

| Zone        | Downward<br>Lumens | Upward<br>Lumens | Total<br>Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side  | 9031.3             | 8.8695           | 9040.2          |
| Street Side | 2913.6             | 44.212           | 2957.9          |

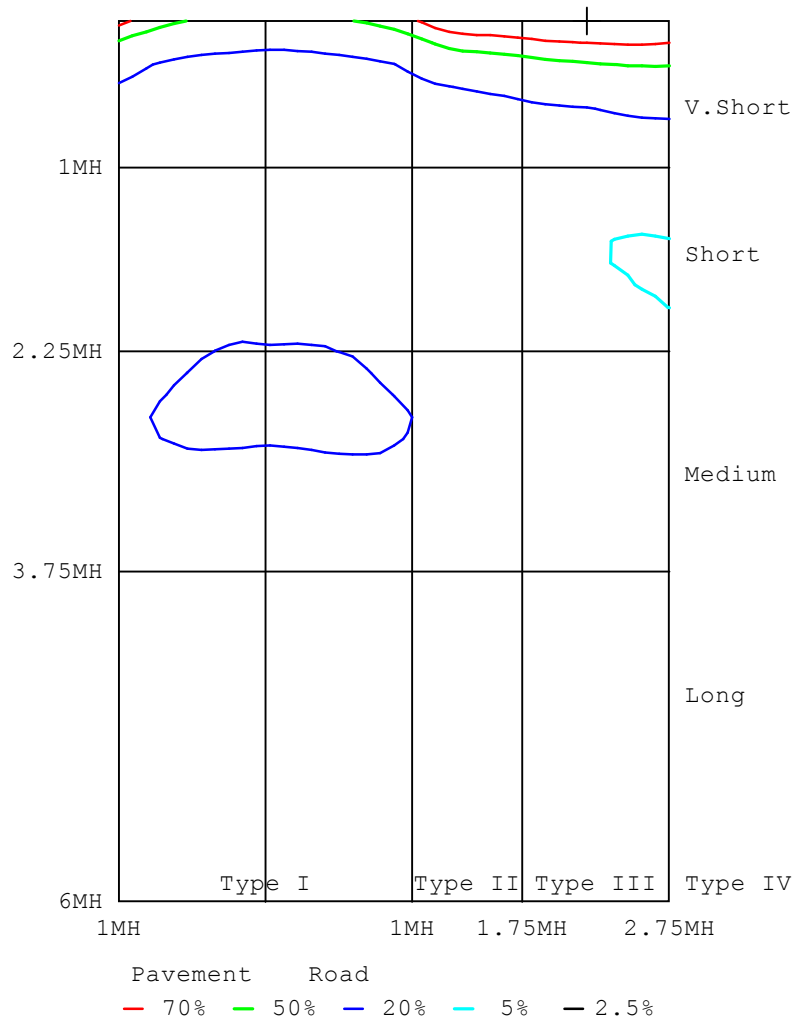
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-07-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
 Humidity:65.0%  
 Test Distance:7.800m [K=1.0000]  
 Remarks:

## ROAD ISOCANDELA REPORT

|                                                               |          |                  |
|---------------------------------------------------------------|----------|------------------|
| Test:U:44.50V I:1.410A P:63.30W PF:1.000 Lamp Flux:11998x1 lm |          |                  |
| NAME: YF-EIF-100W                                             | TYPE:LED | WEIGHT:          |
| SPEC.:YF-EIF-100W                                             | DIM.:    | SERIAL No.:1     |
| MFR.: Shenzhen Yufai Aurora Opto Co.,Ltd                      | SUR.:    | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018-07-26

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
 Humidity:65.0%  
 Test Distance:7.800m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 |
| 5                  | 2503 | 2444 | 2385 | 2327 | 2270 | 2215 | 2162 | 2111 | 2063 | 2018 | 1978 | 1941 | 1908 | 1880 | 1856 | 1837 | 1823 | 1814 | 1810 |
| 10                 | 2541 | 2421 | 2301 | 2182 | 2066 | 1953 | 1844 | 1741 | 1643 | 1553 | 1470 | 1396 | 1330 | 1274 | 1227 | 1190 | 1164 | 1147 | 1140 |
| 15                 | 2603 | 2416 | 2229 | 2045 | 1865 | 1692 | 1527 | 1369 | 1221 | 1158 | 1121 | 1089 | 1061 | 1037 | 1017 | 1003 | 992  | 984  | 980  |
| 20                 | 2686 | 2424 | 2163 | 1906 | 1655 | 1413 | 1215 | 1149 | 1090 | 1042 | 998  | 956  | 920  | 890  | 865  | 846  | 834  | 825  | 821  |
| 25                 | 2794 | 2449 | 2105 | 1765 | 1435 | 1228 | 1121 | 1029 | 953  | 892  | 843  | 823  | 809  | 794  | 781  | 770  | 762  | 757  | 754  |
| 30                 | 2964 | 2519 | 2072 | 1631 | 1312 | 1142 | 991  | 864  | 777  | 764  | 755  | 748  | 740  | 729  | 716  | 705  | 696  | 690  | 687  |
| 35                 | 3272 | 2687 | 2098 | 1547 | 1287 | 1049 | 842  | 752  | 713  | 690  | 675  | 667  | 651  | 636  | 618  | 602  | 587  | 579  | 578  |
| 40                 | 3759 | 2985 | 2197 | 1646 | 1279 | 947  | 805  | 717  | 658  | 617  | 579  | 550  | 530  | 515  | 501  | 489  | 475  | 467  | 468  |
| 45                 | 4505 | 3469 | 2411 | 1843 | 1331 | 1020 | 822  | 681  | 579  | 514  | 468  | 435  | 433  | 456  | 482  | 504  | 514  | 519  | 523  |
| 50                 | 5460 | 4087 | 2857 | 2055 | 1442 | 1061 | 800  | 617  | 489  | 412  | 397  | 405  | 430  | 468  | 510  | 548  | 567  | 575  | 578  |
| 55                 | 6093 | 4374 | 3029 | 2000 | 1361 | 908  | 686  | 494  | 404  | 366  | 358  | 375  | 449  | 562  | 672  | 763  | 818  | 849  | 858  |
| 60                 | 6344 | 4274 | 2868 | 1893 | 1154 | 725  | 508  | 404  | 333  | 314  | 353  | 439  | 580  | 750  | 902  | 1018 | 1086 | 1128 | 1137 |
| 65                 | 6252 | 4079 | 2500 | 1624 | 994  | 496  | 349  | 293  | 295  | 320  | 373  | 485  | 672  | 870  | 1028 | 1130 | 1177 | 1195 | 1193 |
| 70                 | 5128 | 3385 | 1960 | 1196 | 731  | 367  | 247  | 249  | 270  | 321  | 380  | 529  | 747  | 949  | 1114 | 1217 | 1256 | 1258 | 1249 |
| 75                 | 2462 | 1722 | 1059 | 611  | 368  | 247  | 209  | 239  | 281  | 338  | 379  | 510  | 694  | 830  | 931  | 986  | 995  | 986  | 975  |
| 80                 | 309  | 282  | 228  | 180  | 142  | 158  | 190  | 233  | 268  | 301  | 332  | 417  | 528  | 614  | 677  | 712  | 715  | 708  | 701  |
| 85                 | 131  | 87.5 | 77.0 | 81.0 | 93.3 | 121  | 161  | 194  | 212  | 220  | 227  | 272  | 331  | 383  | 429  | 462  | 461  | 437  | 432  |
| 90                 | 16.1 | 28.0 | 32.0 | 37.8 | 49.1 | 61.2 | 73.6 | 86.6 | 78.9 | 80.2 | 73.5 | 93.3 | 123  | 150  | 183  | 214  | 208  | 166  | 162  |
| 95                 | 8.87 | 8.42 | 9.25 | 9.25 | 10.9 | 10.2 | 10.5 | 19.7 | 26.8 | 29.9 | 30.8 | 41.3 | 56.3 | 71.1 | 88.8 | 106  | 105  | 84.8 | 83.3 |
| 100                | 5.99 | 8.40 | 8.77 | 10.5 | 10.8 | 10.5 | 10.5 | 9.88 | 10.2 | 8.62 | 7.77 | 7.34 | 6.89 | 6.35 | 5.74 | 5.20 | 4.80 | 4.51 | 4.30 |
| 105                | 7.96 | 6.92 | 8.66 | 8.93 | 8.98 | 10.2 | 10.4 | 9.80 | 8.93 | 8.29 | 7.75 | 7.34 | 6.96 | 6.47 | 5.95 | 5.53 | 5.21 | 4.93 | 4.81 |
| 110                | 6.01 | 10.0 | 9.02 | 9.63 | 10.4 | 10.9 | 10.1 | 9.65 | 8.40 | 8.07 | 7.59 | 7.25 | 6.83 | 6.38 | 6.09 | 5.82 | 5.59 | 5.36 | 5.33 |
| 115                | 5.44 | 9.04 | 11.4 | 11.3 | 11.3 | 11.0 | 10.4 | 9.57 | 8.75 | 8.13 | 7.52 | 7.07 | 6.20 | 6.02 | 5.96 | 5.75 | 5.57 | 5.59 | 5.52 |
| 120                | 5.76 | 7.66 | 9.78 | 10.9 | 11.7 | 10.8 | 10.6 | 9.81 | 9.00 | 8.53 | 7.15 | 7.07 | 6.22 | 6.19 | 6.00 | 5.76 | 5.57 | 5.87 | 5.71 |
| 125                | 5.81 | 7.02 | 8.04 | 9.22 | 9.76 | 9.62 | 9.90 | 9.21 | 8.72 | 8.13 | 7.21 | 7.29 | 6.88 | 6.61 | 6.36 | 6.17 | 6.32 | 6.52 | 6.28 |
| 130                | 5.50 | 6.02 | 6.77 | 8.01 | 8.69 | 8.87 | 8.90 | 8.65 | 8.66 | 8.39 | 7.99 | 7.66 | 7.37 | 7.05 | 6.83 | 6.65 | 7.26 | 7.12 | 6.86 |
| 135                | 5.24 | 5.94 | 6.62 | 7.30 | 7.65 | 7.80 | 8.11 | 8.25 | 8.12 | 8.11 | 8.06 | 8.04 | 7.85 | 7.59 | 7.57 | 7.97 | 8.16 | 7.94 | 7.87 |
| 140                | 5.03 | 5.61 | 6.15 | 6.57 | 6.94 | 7.50 | 7.71 | 7.74 | 7.87 | 7.97 | 7.93 | 7.88 | 8.00 | 8.21 | 8.76 | 9.11 | 8.91 | 8.76 | 8.88 |
| 145                | 4.79 | 5.28 | 5.74 | 6.21 | 6.65 | 7.03 | 7.37 | 7.67 | 7.80 | 7.90 | 7.94 | 8.06 | 8.78 | 9.07 | 9.37 | 9.29 | 9.23 | 9.17 | 9.31 |
| 150                | 4.58 | 5.07 | 5.55 | 6.02 | 6.42 | 6.78 | 7.15 | 7.62 | 8.29 | 8.46 | 8.49 | 8.83 | 9.15 | 9.37 | 9.41 | 9.46 | 9.53 | 9.60 | 9.73 |
| 155                | 4.53 | 4.91 | 5.30 | 5.69 | 6.05 | 6.44 | 6.93 | 7.43 | 7.86 | 8.27 | 8.67 | 8.84 | 8.98 | 9.07 | 9.12 | 9.18 | 9.23 | 9.30 | 9.36 |
| 160                | 4.43 | 4.75 | 5.06 | 5.37 | 5.66 | 5.95 | 6.25 | 6.63 | 6.99 | 7.33 | 7.65 | 7.94 | 8.21 | 8.43 | 8.60 | 8.77 | 8.88 | 8.95 | 8.98 |
| 165                | 4.38 | 4.62 | 4.86 | 5.09 | 5.31 | 5.53 | 5.74 | 5.94 | 6.12 | 6.35 | 6.59 | 6.80 | 6.99 | 7.16 | 7.30 | 7.41 | 7.50 | 7.55 | 7.56 |
| 170                | 4.36 | 4.51 | 4.67 | 4.82 | 4.97 | 5.11 | 5.25 | 5.38 | 5.50 | 5.61 | 5.72 | 5.82 | 5.91 | 5.98 | 6.04 | 6.09 | 6.12 | 6.14 | 6.15 |
| 175                | 4.30 | 4.38 | 4.46 | 4.54 | 4.61 | 4.68 | 4.75 | 4.82 | 4.88 | 4.94 | 5.00 | 5.05 | 5.09 | 5.12 | 5.15 | 5.17 | 5.19 | 5.20 | 5.20 |
| 180                | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 |
| 5                  | 1811 | 1818 | 1829 | 1845 | 1866 | 1892 | 1922 | 1957 | 1995 | 2037 | 2083 | 2131 | 2182 | 2236 | 2291 | 2347 | 2405 | 2463 | 2526 |
| 10                 | 1143 | 1157 | 1180 | 1213 | 1257 | 1309 | 1371 | 1442 | 1521 | 1607 | 1700 | 1798 | 1902 | 2011 | 2122 | 2236 | 2352 | 2468 | 2595 |
| 15                 | 981  | 985  | 992  | 1005 | 1021 | 1042 | 1067 | 1095 | 1127 | 1185 | 1325 | 1476 | 1635 | 1802 | 1973 | 2149 | 2327 | 2505 | 2698 |
| 20                 | 823  | 829  | 840  | 858  | 881  | 908  | 940  | 977  | 1018 | 1067 | 1120 | 1180 | 1367 | 1595 | 1832 | 2075 | 2322 | 2569 | 2834 |
| 25                 | 756  | 760  | 768  | 780  | 793  | 806  | 818  | 838  | 885  | 943  | 1012 | 1096 | 1193 | 1388 | 1703 | 2029 | 2359 | 2688 | 3035 |
| 30                 | 691  | 698  | 709  | 723  | 736  | 748  | 757  | 764  | 773  | 786  | 863  | 976  | 1113 | 1269 | 1571 | 1994 | 2426 | 2858 | 3310 |
| 35                 | 584  | 598  | 616  | 633  | 652  | 670  | 684  | 686  | 691  | 706  | 733  | 804  | 989  | 1203 | 1439 | 1957 | 2513 | 3067 | 3641 |
| 40                 | 477  | 495  | 512  | 523  | 535  | 550  | 565  | 579  | 600  | 627  | 671  | 736  | 844  | 1128 | 1449 | 1943 | 2654 | 3359 | 4077 |
| 45                 | 526  | 532  | 528  | 510  | 482  | 455  | 449  | 471  | 501  | 546  | 610  | 701  | 836  | 1088 | 1554 | 2079 | 3017 | 3931 | 4834 |
| 50                 | 578  | 581  | 575  | 548  | 507  | 466  | 432  | 413  | 411  | 464  | 543  | 662  | 862  | 1173 | 1714 | 2443 | 3541 | 4783 | 5856 |
| 55                 | 850  | 829  | 789  | 719  | 620  | 505  | 420  | 393  | 385  | 400  | 445  | 574  | 745  | 1101 | 1572 | 2491 | 3701 | 5259 | 6444 |
| 60                 | 1126 | 1095 | 1044 | 961  | 839  | 676  | 519  | 411  | 350  | 345  | 376  | 427  | 605  | 906  | 1471 | 2324 | 3669 | 5468 | 6820 |
| 65                 | 1193 | 1185 | 1161 | 1098 | 982  | 799  | 593  | 445  | 365  | 323  | 309  | 351  | 460  | 754  | 1259 | 2120 | 3675 | 5806 | 7444 |
| 70                 | 1256 | 1264 | 1253 | 1193 | 1073 | 888  | 665  | 480  | 384  | 314  | 292  | 291  | 359  | 573  | 1016 | 1836 | 3347 | 5407 | 6596 |
| 75                 | 989  | 1014 | 1034 | 1018 | 956  | 839  | 667  | 507  | 433  | 332  | 285  | 249  | 262  | 317  | 528  | 943  | 1775 | 2898 | 3433 |
| 80                 | 718  | 744  | 770  | 769  | 738  | 664  | 556  | 466  | 413  | 326  | 263  | 205  | 164  | 145  | 160  | 202  | 268  | 350  | 475  |
| 85                 | 434  | 465  | 486  | 472  | 444  | 399  | 351  | 322  | 302  | 251  | 209  | 163  | 112  | 80.5 | 63.0 | 65.2 | 85.7 | 172  | 203  |
| 90                 | 150  | 185  | 199  | 169  | 133  | 103  | 87.6 | 76.9 | 73.9 | 67.1 | 58.6 | 46.6 | 37.1 | 29.5 | 24.1 | 23.2 | 22.7 | 20.2 | 30.3 |
| 95                 | 76.8 | 93.1 | 98.1 | 81.6 | 62.9 | 46.5 | 37.3 | 30.1 | 25.5 | 19.5 | 13.4 | 7.03 | 6.57 | 6.26 | 6.57 | 6.09 | 5.91 | 1.75 | 0.97 |
| 100                | 4.15 | 4.20 | 4.36 | 4.62 | 4.82 | 4.77 | 4.95 | 5.21 | 5.51 | 5.97 | 6.76 | 7.03 | 6.64 | 5.81 | 5.80 | 5.72 | 5.11 | 2.82 | 1.99 |
| 105                | 4.61 | 4.69 | 4.82 | 5.02 | 5.19 | 5.18 | 5.24 | 5.84 | 6.26 | 6.73 | 7.20 | 7.45 | 7.00 | 6.30 | 5.58 | 4.97 | 4.85 | 3.44 | 2.66 |
| 110                | 5.07 | 5.17 | 5.30 | 5.45 | 5.61 | 5.65 | 5.72 | 6.59 | 7.39 | 7.96 | 7.95 | 8.21 | 7.94 | 7.49 | 6.81 | 6.34 | 5.32 | 3.97 | 3.24 |
| 115                | 5.29 | 5.39 | 5.85 | 5.93 | 6.12 | 6.28 | 6.27 | 7.26 | 8.35 | 9.30 | 9.84 | 9.50 | 9.49 | 9.21 | 8.63 | 7.34 | 7.30 | 4.81 | 3.96 |
| 120                | 5.50 | 5.64 | 6.40 | 6.62 | 6.79 | 7.26 | 7.62 | 8.43 | 9.06 | 10.3 | 11.0 | 11.3 | 11.4 | 11.1 | 10.8 | 9.79 | 9.71 | 5.64 | 4.66 |
| 125                | 6.28 | 6.50 | 7.03 | 7.65 | 7.69 | 8.30 | 8.74 | 9.47 | 10.2 | 11.2 | 12.1 | 12.1 | 12.9 | 13.1 | 13.0 | 11.9 | 10.8 | 6.17 | 4.97 |
| 130                | 7.06 | 7.34 | 7.70 | 8.42 | 8.69 | 9.21 | 9.66 | 9.69 | 11.1 | 11.8 | 12.5 | 12.6 | 12.7 | 13.0 | 12.7 | 11.9 | 10.8 | 6.00 | 4.86 |
| 135                | 8.08 | 8.23 | 8.64 | 9.08 | 9.67 | 10.4 | 11.0 | 10.6 | 11.1 | 12.2 | 12.6 | 12.8 | 12.9 | 12.6 | 11.9 | 11.2 | 10.3 | 5.42 | 4.50 |
| 140                | 9.09 | 9.14 | 9.40 | 9.68 | 9.94 | 10.3 | 10.9 | 11.3 | 11.8 | 12.0 | 12.2 | 12.2 | 12.1 | 11.5 | 10.9 | 9.96 | 8.87 | 4.78 | 4.08 |
| 145                | 9.51 | 9.59 | 9.61 | 9.91 | 10.2 | 10.4 | 10.5 | 10.7 | 10.7 | 10.7 | 10.8 | 10.8 | 10.2 | 9.35 | 8.57 | 7.94 | 7.03 | 4.27 | 3.73 |
| 150                | 9.90 | 9.95 | 9.88 | 9.81 | 9.93 | 9.93 | 9.87 | 9.86 | 9.83 | 9.59 | 9.13 | 8.73 | 8.27 | 7.60 | 6.97 | 6.44 | 5.88 | 3.88 | 3.46 |
| 155                | 9.43 | 9.46 | 9.43 | 9.34 | 9.28 | 9.24 | 9.10 | 9.05 | 8.76 | 8.45 | 7.99 | 7.46 | 6.94 | 6.53 | 6.17 | 5.71 | 5.19 | 3.63 | 3.30 |
| 160                | 8.98 | 8.93 | 8.83 | 8.69 | 8.51 | 8.28 | 8.02 | 7.77 | 7.51 | 7.22 | 6.83 | 6.42 | 6.12 | 5.81 | 5.50 | 5.18 | 4.84 | 3.47 | 3.22 |
| 165                | 7.56 | 7.52 | 7.44 | 7.33 | 7.19 | 7.02 | 6.82 | 6.59 | 6.34 | 6.13 | 5.99 | 5.80 | 5.58 | 5.33 | 5.07 | 4.79 | 4.51 | 3.39 | 3.21 |
| 170                | 6.14 | 6.12 | 6.08 | 6.03 | 5.97 | 5.88 | 5.79 | 5.69 | 5.57 | 5.43 | 5.29 | 5.16 | 5.02 | 4.88 | 4.73 | 4.58 | 4.42 | 3.34 | 3.23 |
| 175                | 5.19 | 5.18 | 5.16 | 5.13 | 5.10 | 5.06 | 5.01 | 4.96 | 4.90 | 4.84 | 4.77 | 4.69 | 4.61 | 4.53 | 4.45 | 4.36 | 4.28 | 3.33 | 3.27 |
| 180                | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 4.25 | 3.31 | 3.31 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 |
| 5                  | 2589 | 2650 | 2711 | 2770 | 2826 | 2880 | 2930 | 2978 | 3021 | 3061 | 3096 | 3127 | 3152 | 3173 | 3188 | 3198 | 3202 | 3201 | 3195 |
| 10                 | 2721 | 2845 | 2965 | 3081 | 3192 | 3297 | 3396 | 3487 | 3572 | 3648 | 3716 | 3775 | 3825 | 3866 | 3896 | 3916 | 3925 | 3923 | 3911 |
| 15                 | 2889 | 3074 | 3254 | 3426 | 3590 | 3744 | 3888 | 3987 | 4068 | 4141 | 4205 | 4262 | 4310 | 4350 | 4382 | 4404 | 4416 | 4418 | 4411 |
| 20                 | 3093 | 3343 | 3584 | 3812 | 4013 | 4145 | 4268 | 4379 | 4480 | 4570 | 4646 | 4715 | 4774 | 4822 | 4861 | 4890 | 4907 | 4914 | 4909 |
| 25                 | 3371 | 3690 | 3990 | 4211 | 4375 | 4528 | 4669 | 4800 | 4915 | 4892 | 4832 | 4781 | 4747 | 4727 | 4716 | 4718 | 4731 | 4753 | 4786 |
| 30                 | 3743 | 4151 | 4443 | 4619 | 4789 | 4952 | 5059 | 4945 | 4838 | 4745 | 4667 | 4606 | 4563 | 4543 | 4532 | 4535 | 4555 | 4584 | 4628 |
| 35                 | 4187 | 4669 | 4847 | 5023 | 5198 | 5152 | 5015 | 4869 | 4729 | 4605 | 4291 | 4022 | 3816 | 3670 | 3575 | 3528 | 3534 | 3587 | 3692 |
| 40                 | 4745 | 5105 | 5251 | 5395 | 5338 | 5203 | 5030 | 4702 | 4120 | 3651 | 3284 | 3008 | 2800 | 2649 | 2551 | 2504 | 2513 | 2574 | 2690 |
| 45                 | 5637 | 5793 | 5862 | 5761 | 5592 | 5398 | 4574 | 3778 | 3111 | 2594 | 2312 | 2167 | 2059 | 1977 | 1923 | 1897 | 1905 | 1948 | 2027 |
| 50                 | 6610 | 6758 | 6688 | 6399 | 5949 | 4893 | 3880 | 2914 | 2305 | 1942 | 1723 | 1579 | 1474 | 1392 | 1333 | 1301 | 1298 | 1327 | 1387 |
| 55                 | 7104 | 7329 | 7106 | 6695 | 5600 | 4448 | 3235 | 2294 | 1673 | 1308 | 1188 | 1146 | 1109 | 1074 | 1045 | 1027 | 1028 | 1050 | 1090 |
| 60                 | 7310 | 7398 | 7166 | 6348 | 5097 | 3554 | 2282 | 1488 | 1231 | 1078 | 981  | 921  | 869  | 824  | 787  | 761  | 758  | 781  | 826  |
| 65                 | 7903 | 7674 | 7270 | 6318 | 4428 | 2521 | 1587 | 1173 | 999  | 884  | 786  | 722  | 672  | 634  | 604  | 582  | 579  | 598  | 635  |
| 70                 | 6903 | 6897 | 6494 | 5579 | 3692 | 1717 | 885  | 817  | 765  | 681  | 600  | 540  | 491  | 454  | 426  | 405  | 400  | 417  | 449  |
| 75                 | 3505 | 3576 | 3729 | 3049 | 2086 | 1155 | 712  | 638  | 565  | 491  | 430  | 381  | 342  | 314  | 294  | 279  | 275  | 288  | 311  |
| 80                 | 671  | 877  | 996  | 1044 | 828  | 637  | 484  | 468  | 430  | 358  | 284  | 233  | 201  | 178  | 163  | 153  | 151  | 160  | 176  |
| 85                 | 179  | 137  | 147  | 196  | 199  | 234  | 249  | 265  | 250  | 201  | 151  | 121  | 105  | 93.3 | 86.6 | 81.7 | 80.7 | 85.7 | 93.2 |
| 90                 | 31.2 | 34.0 | 26.3 | 25.1 | 25.8 | 35.0 | 34.8 | 35.6 | 33.8 | 25.2 | 19.1 | 15.6 | 13.7 | 12.0 | 11.3 | 10.5 | 10.4 | 11.8 | 12.1 |
| 95                 | 0.67 | 0.53 | 0.46 | 0.41 | 0.59 | 4.98 | 8.42 | 10.8 | 12.0 | 10.1 | 8.50 | 7.50 | 6.99 | 6.42 | 6.20 | 5.86 | 5.88 | 6.54 | 6.64 |
| 100                | 1.37 | 0.96 | 0.70 | 0.55 | 0.48 | 0.47 | 0.51 | 0.54 | 0.61 | 0.72 | 0.86 | 1.00 | 1.14 | 1.24 | 1.29 | 1.30 | 1.35 | 1.36 | 1.36 |
| 105                | 1.92 | 1.34 | 0.96 | 0.74 | 0.62 | 0.58 | 0.57 | 0.62 | 0.73 | 0.85 | 1.01 | 1.17 | 1.32 | 1.44 | 1.52 | 1.54 | 1.59 | 1.60 | 1.59 |
| 110                | 2.44 | 1.79 | 1.29 | 0.95 | 0.78 | 0.69 | 0.65 | 0.70 | 0.81 | 0.95 | 1.12 | 1.31 | 1.48 | 1.63 | 1.74 | 1.79 | 1.84 | 1.84 | 1.81 |
| 115                | 3.04 | 2.21 | 1.62 | 1.19 | 0.94 | 0.78 | 0.75 | 0.78 | 0.89 | 1.05 | 1.22 | 1.39 | 1.55 | 1.69 | 1.80 | 1.86 | 1.90 | 1.91 | 1.90 |
| 120                | 3.60 | 2.63 | 1.84 | 1.40 | 1.07 | 0.90 | 0.83 | 0.85 | 0.94 | 1.07 | 1.23 | 1.41 | 1.58 | 1.73 | 1.84 | 1.93 | 1.97 | 1.98 | 1.96 |
| 125                | 3.84 | 2.80 | 2.06 | 1.48 | 1.18 | 0.97 | 0.90 | 0.90 | 0.97 | 1.07 | 1.20 | 1.34 | 1.48 | 1.60 | 1.70 | 1.76 | 1.80 | 1.80 | 1.78 |
| 130                | 3.78 | 2.86 | 2.13 | 1.63 | 1.24 | 1.08 | 0.97 | 0.93 | 0.97 | 1.05 | 1.15 | 1.27 | 1.38 | 1.47 | 1.55 | 1.59 | 1.62 | 1.63 | 1.60 |
| 135                | 3.56 | 2.84 | 2.17 | 1.71 | 1.39 | 1.14 | 1.04 | 1.00 | 1.00 | 1.02 | 1.08 | 1.17 | 1.25 | 1.29 | 1.37 | 1.42 | 1.44 | 1.44 | 1.42 |
| 140                | 3.37 | 2.75 | 2.23 | 1.76 | 1.48 | 1.28 | 1.14 | 1.05 | 1.05 | 1.06 | 1.09 | 1.12 | 1.15 | 1.16 | 1.22 | 1.24 | 1.26 | 1.26 | 1.26 |
| 145                | 3.17 | 2.63 | 2.24 | 1.89 | 1.58 | 1.40 | 1.28 | 1.19 | 1.13 | 1.09 | 1.10 | 1.12 | 1.13 | 1.16 | 1.18 | 1.19 | 1.20 | 1.20 | 1.19 |
| 150                | 3.03 | 2.60 | 2.24 | 1.98 | 1.76 | 1.56 | 1.40 | 1.33 | 1.27 | 1.23 | 1.20 | 1.18 | 1.17 | 1.16 | 1.15 | 1.15 | 1.14 | 1.14 | 1.15 |
| 155                | 2.97 | 2.64 | 2.33 | 2.09 | 1.92 | 1.77 | 1.63 | 1.51 | 1.41 | 1.36 | 1.34 | 1.32 | 1.30 | 1.30 | 1.29 | 1.28 | 1.28 | 1.28 | 1.29 |
| 160                | 2.98 | 2.74 | 2.51 | 2.28 | 2.08 | 1.98 | 1.87 | 1.78 | 1.70 | 1.63 | 1.57 | 1.52 | 1.48 | 1.45 | 1.43 | 1.42 | 1.42 | 1.43 | 1.44 |
| 165                | 3.04 | 2.87 | 2.70 | 2.54 | 2.38 | 2.24 | 2.11 | 2.03 | 1.97 | 1.91 | 1.87 | 1.83 | 1.79 | 1.77 | 1.75 | 1.74 | 1.74 | 1.74 | 1.75 |
| 170                | 3.12 | 3.01 | 2.90 | 2.80 | 2.70 | 2.61 | 2.52 | 2.44 | 2.36 | 2.29 | 2.23 | 2.18 | 2.13 | 2.10 | 2.08 | 2.06 | 2.06 | 2.06 | 2.08 |
| 175                | 3.22 | 3.16 | 3.11 | 3.06 | 3.01 | 2.96 | 2.91 | 2.87 | 2.84 | 2.80 | 2.77 | 2.75 | 2.73 | 2.71 | 2.70 | 2.69 | 2.69 | 2.69 | 2.70 |
| 180                | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2018-07-26

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
 Humidity: 65.0%  
 Test Distance: 7.800m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

| C (DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 | 2480 |  |  |  |  |
| 5                  | 3183 | 3167 | 3144 | 3117 | 3085 | 3049 | 3008 | 2963 | 2915 | 2863 | 2808 | 2750 | 2690 | 2629 | 2566 |  |  |  |  |
| 10                 | 3889 | 3856 | 3814 | 3762 | 3700 | 3629 | 3549 | 3461 | 3365 | 3263 | 3153 | 3039 | 2919 | 2795 | 2669 |  |  |  |  |
| 15                 | 4395 | 4368 | 4332 | 4285 | 4228 | 4161 | 4083 | 3987 | 3847 | 3695 | 3533 | 3361 | 3181 | 2993 | 2800 |  |  |  |  |
| 20                 | 4893 | 4867 | 4827 | 4775 | 4711 | 4631 | 4537 | 4427 | 4300 | 4158 | 3954 | 3724 | 3479 | 3223 | 2957 |  |  |  |  |
| 25                 | 4829 | 4882 | 4946 | 5021 | 5104 | 5144 | 5036 | 4906 | 4757 | 4590 | 4404 | 4162 | 3849 | 3515 | 3160 |  |  |  |  |
| 30                 | 4683 | 4749 | 4831 | 4925 | 5030 | 5146 | 5271 | 5406 | 5298 | 5118 | 4916 | 4694 | 4366 | 3931 | 3460 |  |  |  |  |
| 35                 | 3844 | 4047 | 4306 | 4623 | 4969 | 5118 | 5287 | 5469 | 5655 | 5735 | 5536 | 5319 | 5075 | 4542 | 3929 |  |  |  |  |
| 40                 | 2856 | 3076 | 3365 | 3722 | 4150 | 4656 | 5245 | 5629 | 5886 | 6126 | 6279 | 6096 | 5857 | 5382 | 4607 |  |  |  |  |
| 45                 | 2142 | 2303 | 2531 | 2848 | 3303 | 3902 | 4627 | 5449 | 6331 | 6710 | 7052 | 7225 | 6975 | 6589 | 5610 |  |  |  |  |
| 50                 | 1479 | 1611 | 1804 | 2087 | 2507 | 3146 | 4072 | 5128 | 6292 | 7450 | 7959 | 8270 | 8211 | 7830 | 6818 |  |  |  |  |
| 55                 | 1140 | 1198 | 1270 | 1364 | 1588 | 2212 | 3217 | 4675 | 6327 | 7467 | 8454 | 8868 | 9230 | 8766 | 7772 |  |  |  |  |
| 60                 | 882  | 951  | 1032 | 1138 | 1287 | 1585 | 2258 | 3796 | 5601 | 7214 | 8172 | 8911 | 9214 | 9070 | 8198 |  |  |  |  |
| 65                 | 680  | 737  | 811  | 907  | 1003 | 1164 | 1671 | 2909 | 4737 | 6410 | 7706 | 8363 | 8628 | 8568 | 7955 |  |  |  |  |
| 70                 | 485  | 533  | 597  | 682  | 780  | 874  | 1056 | 1791 | 3247 | 4894 | 6136 | 6528 | 6504 | 6388 | 6141 |  |  |  |  |
| 75                 | 338  | 375  | 425  | 498  | 586  | 671  | 741  | 1075 | 1743 | 2437 | 2938 | 3458 | 3413 | 3295 | 2992 |  |  |  |  |
| 80                 | 197  | 230  | 277  | 356  | 446  | 492  | 496  | 511  | 585  | 634  | 799  | 811  | 734  | 567  | 430  |  |  |  |  |
| 85                 | 104  | 121  | 147  | 197  | 255  | 275  | 263  | 206  | 138  | 114  | 134  | 108  | 106  | 131  | 156  |  |  |  |  |
| 90                 | 13.6 | 16.1 | 20.1 | 26.7 | 33.1 | 36.0 | 38.3 | 34.2 | 24.7 | 24.8 | 28.2 | 30.3 | 37.9 | 35.6 | 28.5 |  |  |  |  |
| 95                 | 7.26 | 8.21 | 9.63 | 11.8 | 13.5 | 13.0 | 11.8 | 8.93 | 6.24 | 0.65 | 0.59 | 1.68 | 0.57 | 0.70 | 1.02 |  |  |  |  |
| 100                | 1.34 | 1.29 | 1.18 | 1.04 | 0.91 | 0.78 | 0.68 | 0.99 | 1.34 | 0.57 | 0.83 | 1.42 | 1.48 | 1.83 | 2.47 |  |  |  |  |
| 105                | 1.56 | 1.49 | 1.38 | 1.23 | 1.08 | 0.92 | 0.78 | 0.69 | 0.67 | 0.69 | 0.79 | 1.03 | 1.42 | 1.97 | 2.86 |  |  |  |  |
| 110                | 1.77 | 1.67 | 1.54 | 1.39 | 1.21 | 1.04 | 0.90 | 0.81 | 0.77 | 0.82 | 0.96 | 1.27 | 1.76 | 2.43 | 3.33 |  |  |  |  |
| 115                | 1.85 | 1.76 | 1.64 | 1.50 | 1.33 | 1.14 | 0.97 | 0.87 | 0.84 | 0.92 | 1.12 | 1.51 | 2.09 | 2.88 | 3.89 |  |  |  |  |
| 120                | 1.89 | 1.79 | 1.64 | 1.48 | 1.30 | 1.12 | 0.98 | 0.91 | 0.92 | 0.99 | 1.25 | 1.65 | 2.37 | 3.26 | 4.29 |  |  |  |  |
| 125                | 1.72 | 1.64 | 1.53 | 1.40 | 1.25 | 1.10 | 1.00 | 0.94 | 0.96 | 1.10 | 1.33 | 1.79 | 2.39 | 3.30 | 4.27 |  |  |  |  |
| 130                | 1.55 | 1.48 | 1.40 | 1.30 | 1.19 | 1.08 | 0.99 | 0.99 | 1.04 | 1.15 | 1.44 | 1.83 | 2.43 | 3.17 | 4.01 |  |  |  |  |
| 135                | 1.38 | 1.33 | 1.27 | 1.19 | 1.11 | 1.07 | 1.05 | 1.05 | 1.09 | 1.28 | 1.52 | 1.88 | 2.46 | 3.06 | 3.80 |  |  |  |  |
| 140                | 1.23 | 1.21 | 1.18 | 1.15 | 1.12 | 1.08 | 1.07 | 1.13 | 1.24 | 1.39 | 1.59 | 1.99 | 2.44 | 2.98 | 3.60 |  |  |  |  |
| 145                | 1.18 | 1.16 | 1.14 | 1.11 | 1.10 | 1.14 | 1.20 | 1.28 | 1.37 | 1.51 | 1.78 | 2.09 | 2.42 | 2.90 | 3.40 |  |  |  |  |
| 150                | 1.15 | 1.16 | 1.18 | 1.21 | 1.24 | 1.28 | 1.33 | 1.40 | 1.54 | 1.73 | 1.93 | 2.16 | 2.48 | 2.85 | 3.24 |  |  |  |  |
| 155                | 1.30 | 1.31 | 1.32 | 1.35 | 1.37 | 1.43 | 1.52 | 1.63 | 1.76 | 1.90 | 2.06 | 2.28 | 2.57 | 2.87 | 3.18 |  |  |  |  |
| 160                | 1.46 | 1.49 | 1.52 | 1.57 | 1.63 | 1.70 | 1.77 | 1.86 | 1.96 | 2.06 | 2.25 | 2.47 | 2.69 | 2.92 | 3.15 |  |  |  |  |
| 165                | 1.77 | 1.79 | 1.82 | 1.86 | 1.90 | 1.95 | 2.01 | 2.09 | 2.22 | 2.36 | 2.51 | 2.67 | 2.83 | 3.00 | 3.17 |  |  |  |  |
| 170                | 2.10 | 2.13 | 2.17 | 2.22 | 2.28 | 2.35 | 2.42 | 2.50 | 2.59 | 2.68 | 2.77 | 2.88 | 2.98 | 3.09 | 3.20 |  |  |  |  |
| 175                | 2.71 | 2.72 | 2.74 | 2.77 | 2.80 | 2.83 | 2.87 | 2.91 | 2.95 | 3.00 | 3.05 | 3.10 | 3.15 | 3.20 | 3.26 |  |  |  |  |
| 180                | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 | 3.31 |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2018-07-26

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295T  
Humidity:65.0%  
Test Distance:7.800m [K=1.0000]  
Remarks: