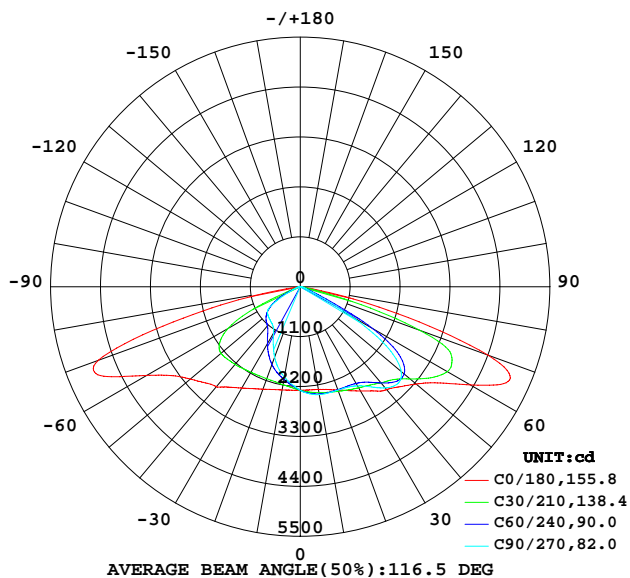
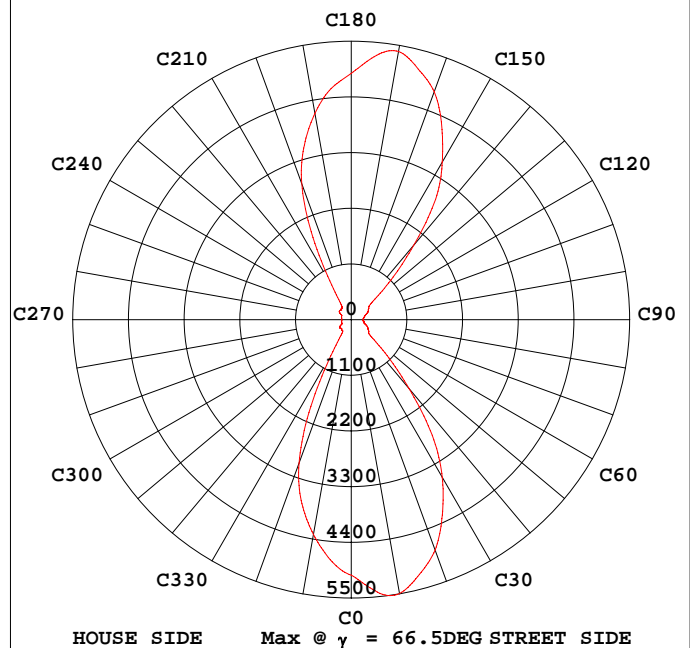


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 181.03 lm/W | | | |
|------------------|----------|-----------------------------------|---------|------------------|---------|
| MODEL | 55W4000K | I _{max} (cd) | 5494 | η street_up(%) | 0.1 |
| NOMINAL POWER(W) | 55 | LOR(%) | 100.0 | η street_down(%) | 61.1 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 9851 | η house_up(%) | 0.2 |
| NOMINAL FLUX(lm) | 9851 | MAXIMUM @(C,γ) | 10,66.5 | η house_down(%) | 38.6 |
| LAMPS INSIDE | 1 | η up(%) | 0.3 | 76 FLASHAREA(m2) | 0.00100 |
| TEST VOLTAGE(V) | 220 | η down(%) | 99.7 | SLI | 19.857 |

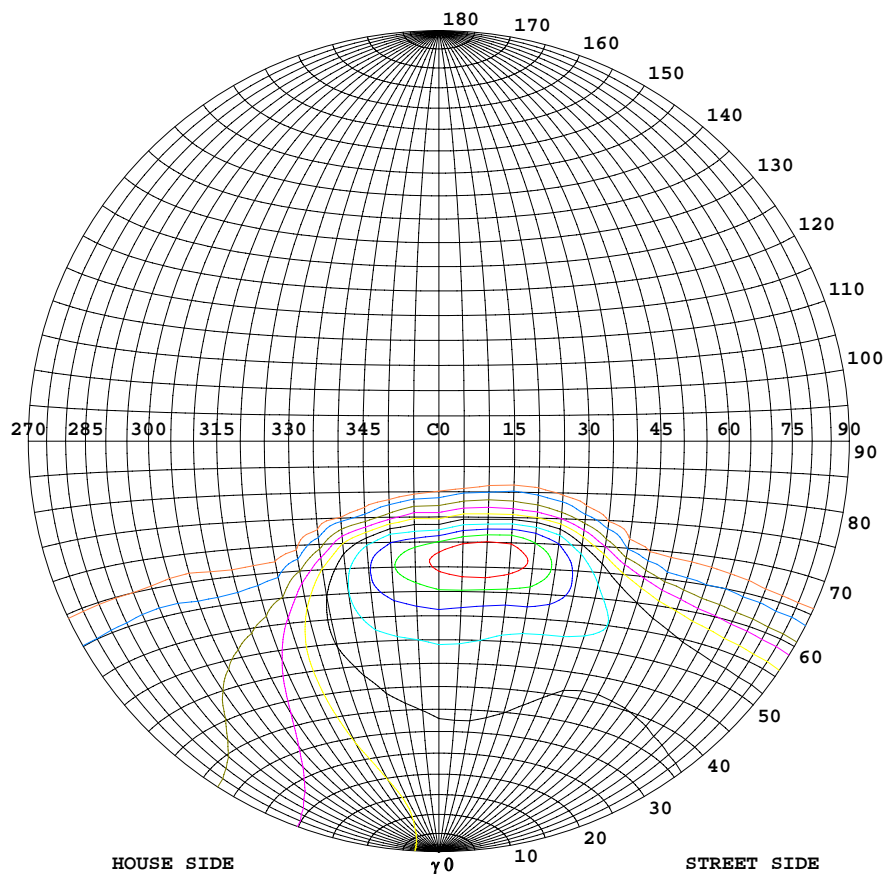
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |



Classification:

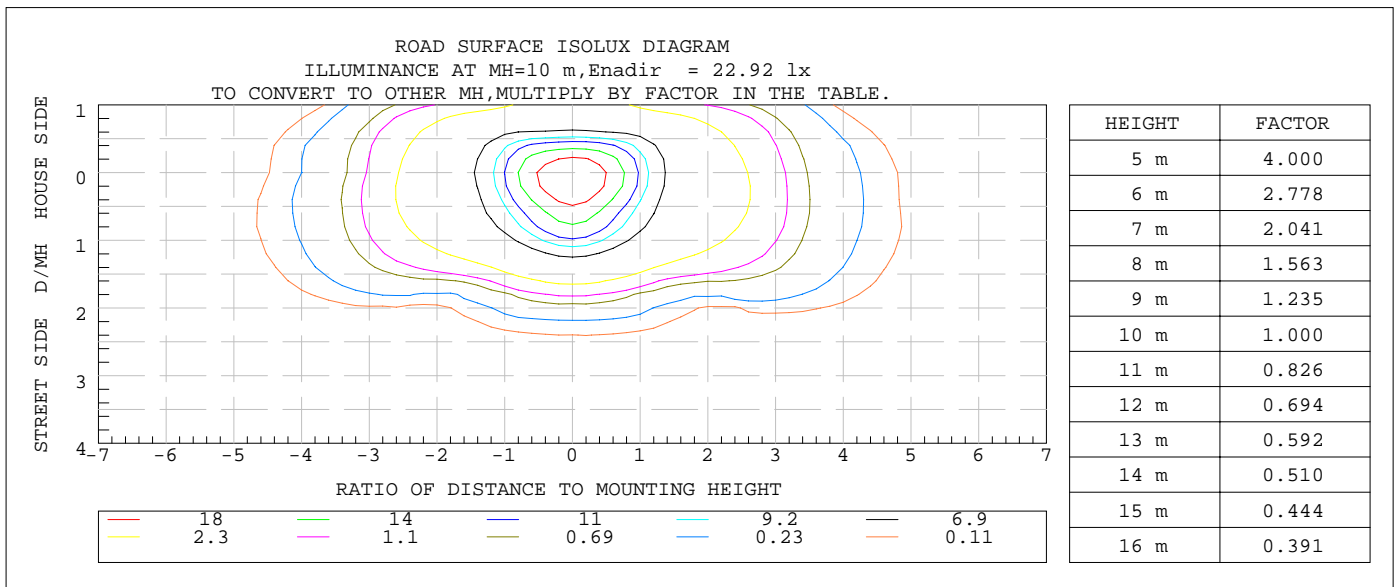
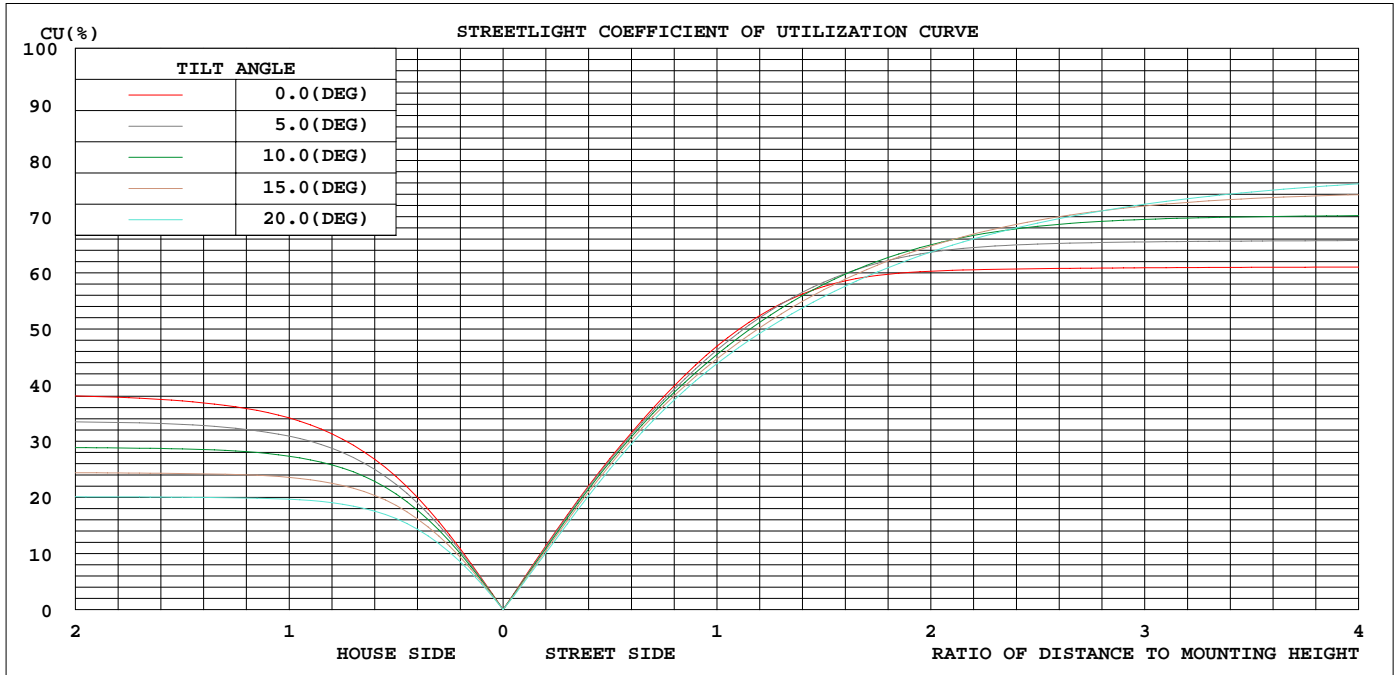
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:87.70cd/klm
Max.At90:0.1644cd/klm
Max.80-90:87.70cd/klm

| ISOCANDELA DIAGRAM | |
|------------------------|------|
| UNIT | cd |
| I _{max} =100% | 5494 |
| 90% | 4944 |
| 80% | 4395 |
| 70% | 3846 |
| 60% | 3296 |
| 50% | 2747 |
| 40% | 2197 |
| 30% | 1648 |
| 20% | 1099 |
| 10% | 549 |
| 5% | 275 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

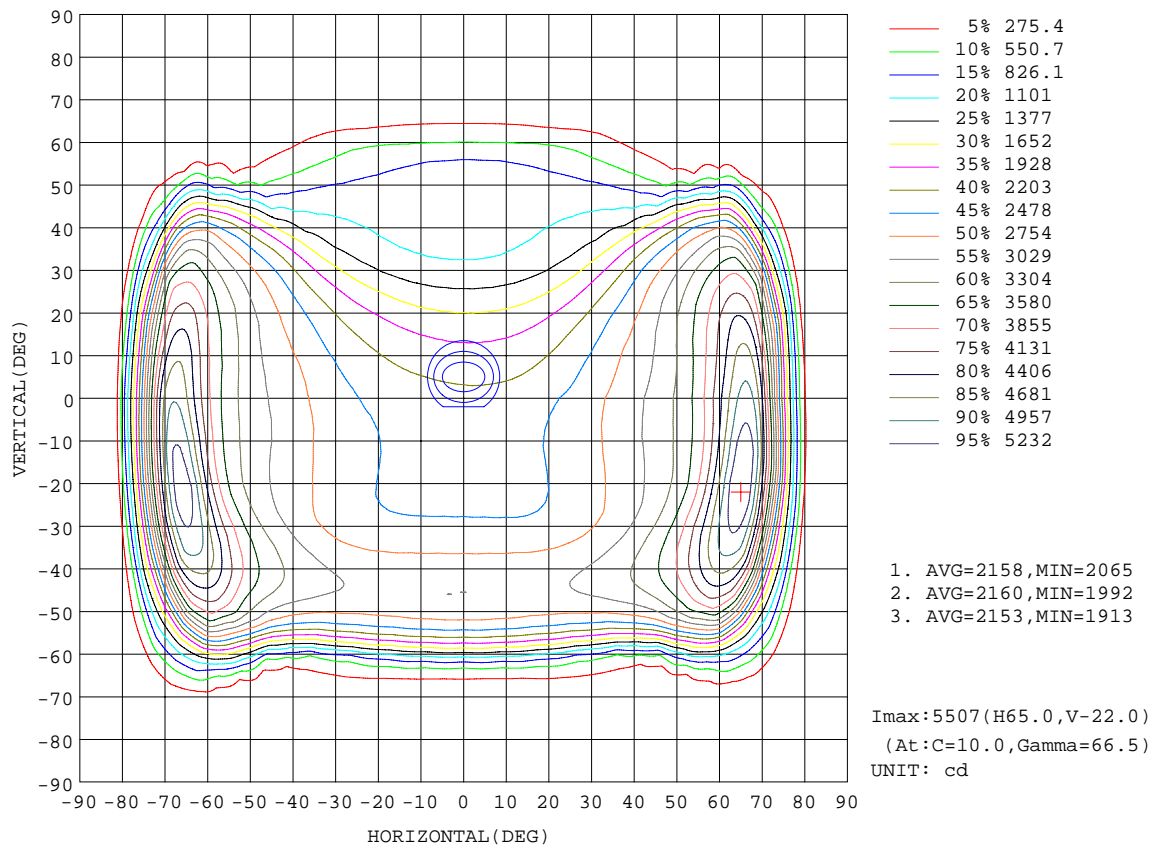
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum,lamp |
|-----|-----------------------|--------|--------|--------|-------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 2300 | 2387 | 2415 | 2403 | 2311 | 2130 | 2021 | 2116 | 0- 10 | 216.7 | 216.7 | 2.2,2.2 |
| 20 | 2424 | 2426 | 2425 | 2447 | 2403 | 1990 | 1655 | 1971 | 10- 20 | 634.3 | 851.0 | 8.64,8.64 |
| 30 | 2651 | 2484 | 2522 | 2485 | 2577 | 1811 | 1180 | 1812 | 20- 30 | 1018 | 1869 | 19,19 |
| 40 | 2960 | 2680 | 2908 | 2641 | 2878 | 1541 | 1008 | 1592 | 30- 40 | 1402 | 3270 | 33.2,33.2 |
| 50 | 3336 | 3115 | 2903 | 3060 | 3164 | 1212 | 940.0 | 1274 | 40- 50 | 1836 | 5106 | 51.8,51.8 |
| 60 | 4327 | 2742 | 1277 | 2743 | 3912 | 699.3 | 555.5 | 714.5 | 50- 60 | 2116 | 7222 | 73.3,73.3 |
| 70 | 4394 | 253.7 | 135.5 | 280.9 | 4727 | 166.1 | 132.1 | 157.6 | 60- 70 | 1824 | 9046 | 91.8,91.8 |
| 80 | 285.3 | 60.40 | 41.54 | 67.35 | 660.1 | 42.39 | 40.82 | 41.57 | 70- 80 | 745.7 | 9791 | 99.4,99.4 |
| 90 | 1.034 | 0.1985 | 0.1961 | 0.2827 | 1.385 | 0.2720 | 0.2189 | 0.3077 | 80- 90 | 34.01 | 9825 | 99.7,99.7 |
| 100 | 4.507 | 0.3675 | 0.2090 | 0.3997 | 4.933 | 1.420 | 0.4212 | 1.511 | 90-100 | 1.114 | 9826 | 99.7,99.8 |
| 110 | 7.439 | 1.111 | 0.6904 | 1.230 | 8.214 | 4.182 | 1.956 | 4.038 | 100-110 | 2.850 | 9829 | 99.8,99.8 |
| 120 | 8.338 | 2.366 | 1.508 | 2.637 | 8.818 | 6.299 | 4.643 | 6.207 | 110-120 | 4.395 | 9834 | 99.8,99.8 |
| 130 | 7.463 | 3.476 | 2.241 | 3.677 | 7.513 | 6.713 | 6.844 | 7.096 | 120-130 | 4.877 | 9839 | 99.9,99.9 |
| 140 | 6.451 | 4.238 | 2.796 | 4.161 | 6.416 | 6.561 | 6.904 | 6.817 | 130-140 | 4.323 | 9843 | 99.9,99.9 |
| 150 | 6.053 | 4.762 | 3.508 | 4.559 | 5.937 | 6.340 | 6.538 | 6.472 | 140-150 | 3.465 | 9846 | 100,100 |
| 160 | 5.965 | 5.221 | 4.482 | 5.032 | 5.928 | 6.236 | 6.367 | 6.326 | 150-160 | 2.595 | 9849 | 100,100 |
| 170 | 6.022 | 5.734 | 5.396 | 5.631 | 6.136 | 6.236 | 6.353 | 6.273 | 160-170 | 1.649 | 9851 | 100,100 |
| 180 | 6.324 | 6.194 | 6.203 | 6.198 | 6.335 | 6.225 | 6.266 | 6.219 | 170-180 | 0.5792 | 9851 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

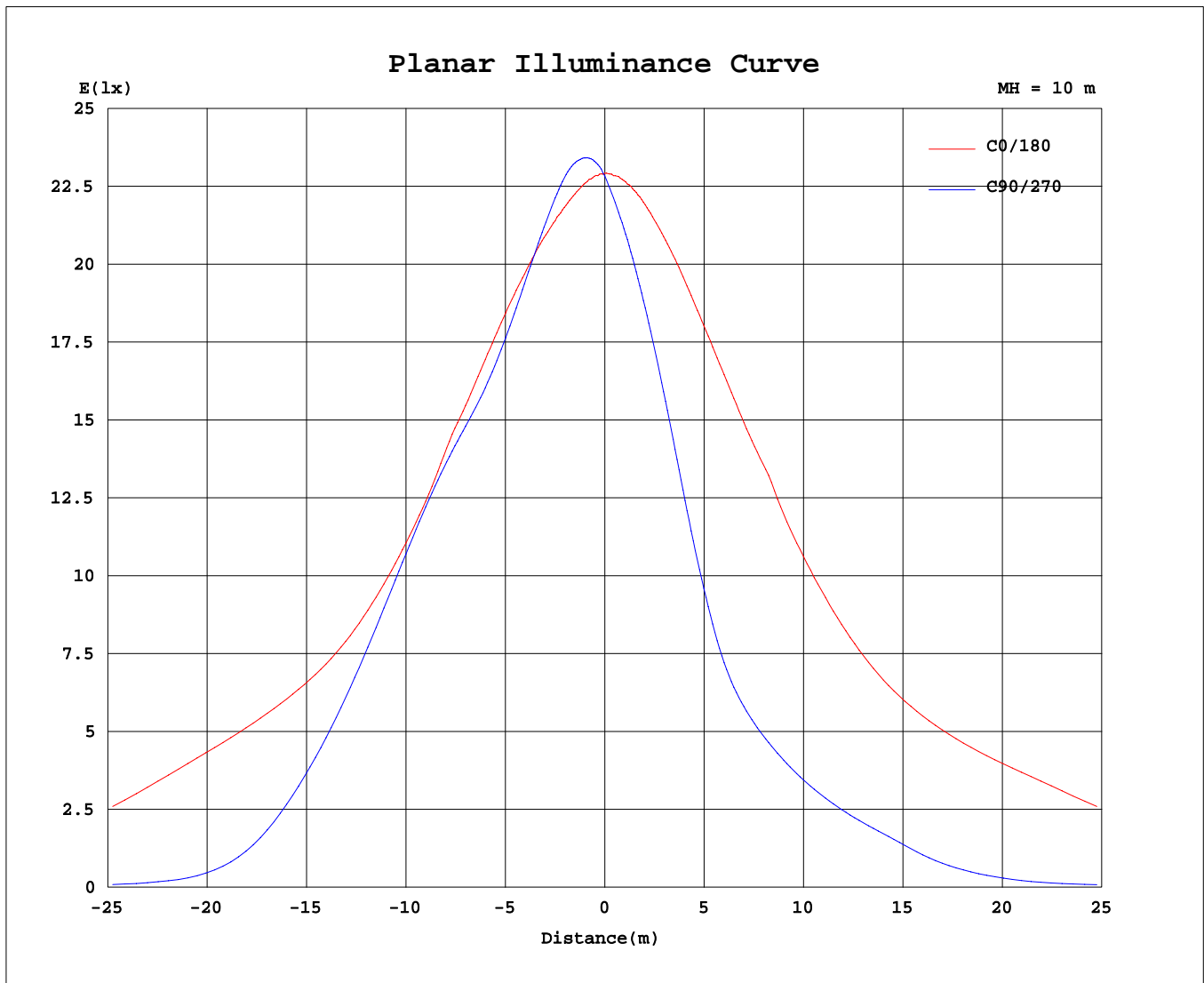
| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

Planar Illuminance Curve



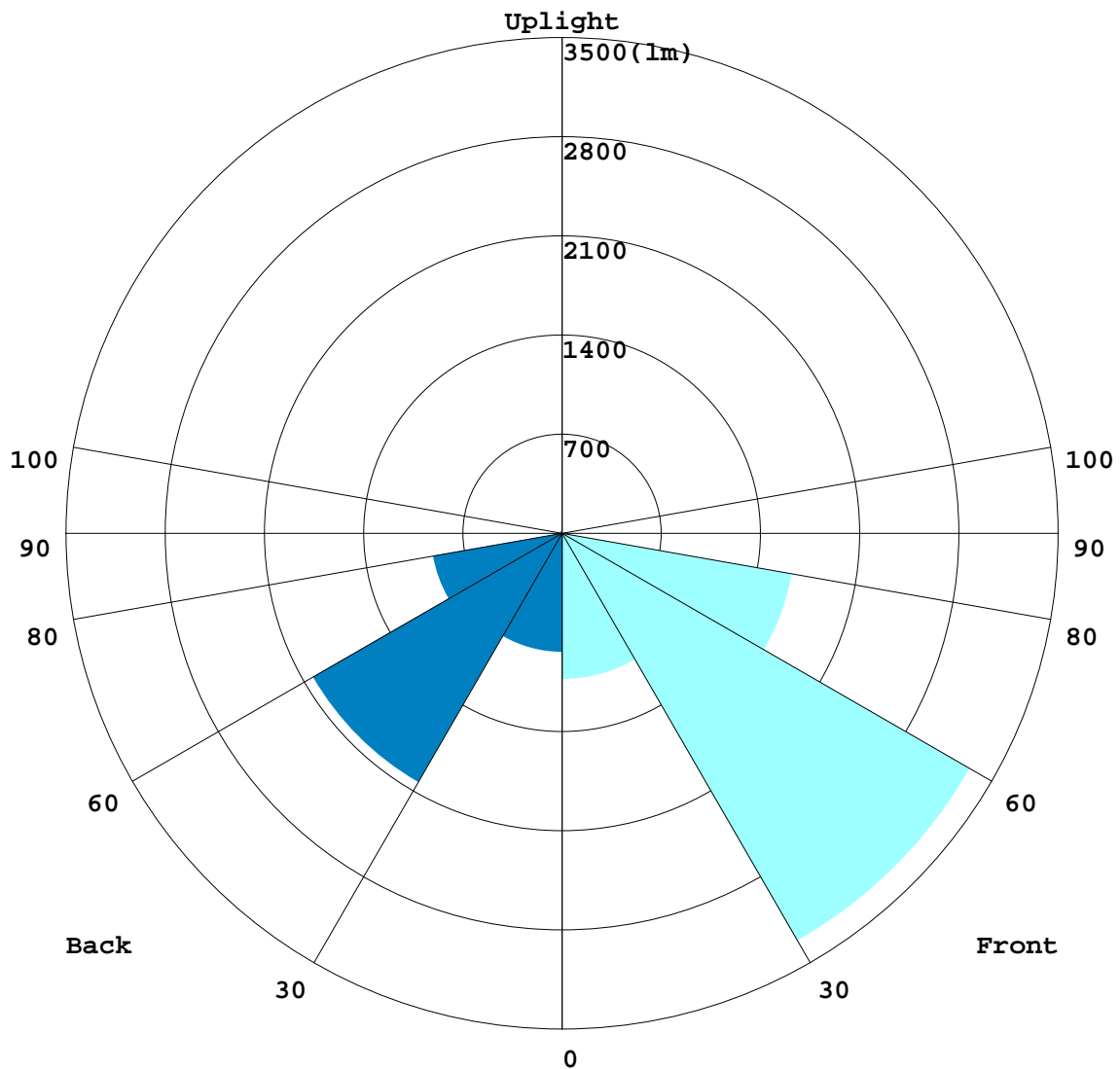
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

LCS REPORT

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

BUG REPORT

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30) | 1029.9 | 10.5 |
| FM - Front-Medium(30-60) | 3323.2 | 33.7 |
| FH - Front-High(60-80) | 1645.8 | 16.7 |
| FVH - Front-Very High(80-90) | 23.521 | 0.2 |
| Total Forward Light | 6032.4 | 61.2 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 838.6 | 8.5 |
| BM - Back-Medium(30-60) | 2029.8 | 20.6 |
| BH - Back-High(60-80) | 923.9 | 9.4 |
| BVH - Back-Very High(80-90) | 10.486 | 0.1 |
| Total Back Light | 3818.7 | 38.8 |

| | | |
|----------------------------|--------|-----|
| UL - Uplight-Low(90-100) | 1.1144 | 0.0 |
| UH - Uplight-High(100-180) | 24.733 | 0.3 |
| Total Up Light | 25.848 | 0.3 |

| | |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B2-U2-G2 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 3802.8 | 15.913 | 3818.7 |
| Street Side | 6022.5 | 9.9343 | 6032.4 |

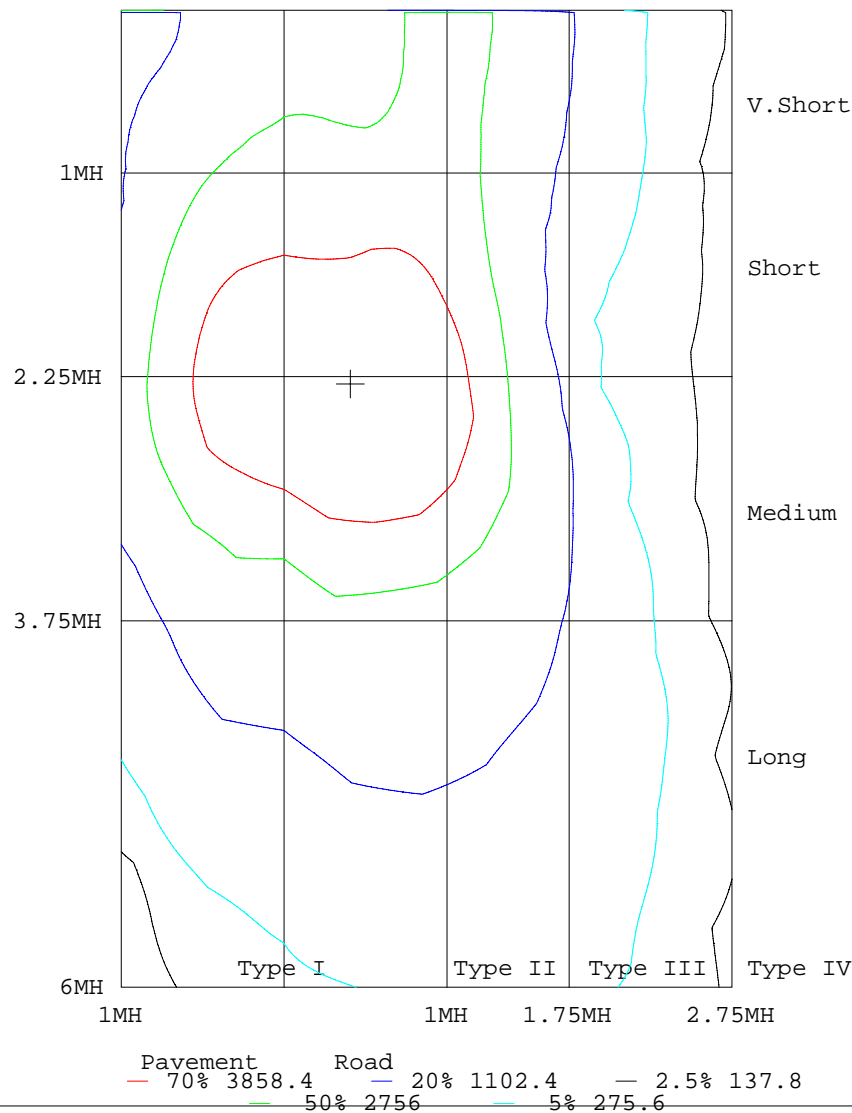
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity: 65.0%
Test Distance: 12.534m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | WEIGHT: 2.3 | | | | |
| SPEC.: AL6740054 55w 4000K No glass | | | | | | | | | DIM.: 45*19*9 | | | | | SERIAL No.: 001 | | | | |
| MFR.: Americanlite | | | | | | | | | SUR.: 16.5*16.5 | | | | | Shielding Angle: | | | | |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 |
| 5 | 2283 | 2293 | 2301 | 2310 | 2318 | 2325 | 2332 | 2337 | 2342 | 2347 | 2349 | 2356 | 2358 | 2361 | 2364 | 2367 | 2366 | 2370 | 2368 |
| 10 | 2300 | 2316 | 2329 | 2341 | 2351 | 2360 | 2370 | 2375 | 2382 | 2387 | 2391 | 2399 | 2400 | 2406 | 2407 | 2413 | 2410 | 2417 | 2415 |
| 15 | 2346 | 2365 | 2382 | 2391 | 2400 | 2404 | 2408 | 2408 | 2410 | 2412 | 2411 | 2414 | 2414 | 2418 | 2415 | 2420 | 2417 | 2424 | 2422 |
| 20 | 2424 | 2446 | 2459 | 2464 | 2465 | 2459 | 2454 | 2444 | 2435 | 2426 | 2418 | 2418 | 2414 | 2416 | 2417 | 2421 | 2421 | 2427 | 2425 |
| 25 | 2526 | 2546 | 2558 | 2554 | 2545 | 2528 | 2509 | 2485 | 2466 | 2450 | 2436 | 2429 | 2424 | 2427 | 2430 | 2437 | 2439 | 2446 | 2446 |
| 30 | 2651 | 2668 | 2671 | 2657 | 2636 | 2603 | 2571 | 2538 | 2508 | 2484 | 2467 | 2461 | 2462 | 2471 | 2484 | 2498 | 2510 | 2518 | 2522 |
| 35 | 2802 | 2811 | 2807 | 2777 | 2742 | 2694 | 2651 | 2606 | 2571 | 2547 | 2539 | 2547 | 2567 | 2594 | 2627 | 2652 | 2674 | 2686 | 2693 |
| 40 | 2960 | 2973 | 2966 | 2930 | 2883 | 2823 | 2765 | 2710 | 2684 | 2680 | 2699 | 2727 | 2768 | 2800 | 2838 | 2865 | 2890 | 2903 | 2908 |
| 45 | 3113 | 3112 | 3093 | 3042 | 2992 | 2935 | 2897 | 2873 | 2883 | 2901 | 2925 | 2943 | 2961 | 2972 | 2989 | 3007 | 3018 | 3029 | 3027 |
| 50 | 3336 | 3323 | 3286 | 3221 | 3178 | 3156 | 3162 | 3151 | 3142 | 3115 | 3079 | 3037 | 2989 | 2954 | 2925 | 2920 | 2907 | 2915 | 2903 |
| 55 | 3696 | 3653 | 3611 | 3544 | 3558 | 3551 | 3500 | 3398 | 3282 | 3139 | 2972 | 2835 | 2693 | 2600 | 2509 | 2469 | 2412 | 2406 | 2377 |
| 60 | 4327 | 4326 | 4291 | 4242 | 4197 | 4001 | 3741 | 3430 | 3080 | 2742 | 2381 | 2107 | 1841 | 1696 | 1520 | 1445 | 1336 | 1324 | 1277 |
| 65 | 5006 | 5266 | 5368 | 5108 | 4799 | 4286 | 3685 | 3079 | 2256 | 1538 | 915 | 729 | 555 | 546 | 455 | 414 | 356 | 346 | 330 |
| 70 | 4394 | 4812 | 4963 | 4873 | 4395 | 3855 | 2794 | 1658 | 506 | 254 | 222 | 209 | 182 | 156 | 134 | 133 | 132 | 136 | 136 |
| 75 | 2007 | 2500 | 2519 | 2524 | 2236 | 1644 | 824 | 253 | 148 | 130 | 108 | 97.1 | 87.4 | 83.0 | 78.8 | 81.1 | 82.2 | 83.5 | 81.9 |
| 80 | 285 | 465 | 524 | 607 | 422 | 218 | 120 | 91.1 | 74.5 | 60.4 | 50.2 | 47.9 | 45.8 | 45.1 | 43.2 | 45.7 | 45.5 | 43.7 | 41.5 |
| 85 | 7.99 | 12.7 | 19.4 | 29.6 | 29.2 | 33.5 | 26.4 | 21.0 | 15.3 | 14.6 | 15.6 | 16.8 | 17.2 | 17.0 | 13.7 | 13.3 | 12.2 | 11.7 | 4.16 |
| 90 | 1.03 | 0.87 | 0.72 | 0.52 | 0.41 | 0.27 | 0.26 | 0.22 | 0.26 | 0.20 | 0.27 | 0.20 | 0.26 | 0.28 | 0.27 | 0.21 | 0.26 | 0.21 | 0.20 |
| 95 | 2.50 | 2.14 | 1.73 | 1.35 | 0.94 | 0.65 | 0.33 | 0.29 | 0.25 | 0.25 | 0.22 | 0.24 | 0.21 | 0.22 | 0.20 | 0.21 | 0.19 | 0.22 | 0.19 |
| 100 | 4.51 | 3.96 | 3.31 | 2.60 | 1.94 | 1.42 | 0.89 | 0.62 | 0.32 | 0.37 | 0.25 | 0.35 | 0.22 | 0.32 | 0.22 | 0.29 | 0.19 | 0.29 | 0.21 |
| 105 | 6.28 | 5.71 | 4.93 | 4.06 | 3.16 | 2.40 | 1.68 | 1.20 | 0.77 | 0.63 | 0.49 | 0.54 | 0.46 | 0.51 | 0.43 | 0.48 | 0.38 | 0.48 | 0.38 |
| 110 | 7.44 | 6.92 | 6.10 | 5.24 | 4.28 | 3.41 | 2.55 | 1.94 | 1.37 | 1.11 | 0.86 | 0.87 | 0.79 | 0.82 | 0.72 | 0.80 | 0.69 | 0.78 | 0.69 |
| 115 | 8.12 | 7.71 | 6.94 | 6.13 | 5.17 | 4.35 | 3.44 | 2.77 | 2.12 | 1.72 | 1.35 | 1.31 | 1.17 | 1.18 | 1.13 | 1.18 | 1.07 | 1.17 | 1.08 |
| 120 | 8.34 | 7.97 | 7.41 | 6.79 | 5.91 | 5.16 | 4.27 | 3.55 | 2.82 | 2.37 | 1.93 | 1.79 | 1.59 | 1.63 | 1.53 | 1.58 | 1.50 | 1.59 | 1.51 |
| 125 | 8.07 | 7.74 | 7.45 | 6.79 | 6.21 | 5.59 | 4.83 | 4.19 | 3.45 | 2.97 | 2.48 | 2.31 | 2.09 | 2.05 | 1.92 | 2.00 | 1.90 | 2.00 | 1.91 |
| 130 | 7.46 | 7.19 | 7.02 | 6.56 | 6.20 | 5.64 | 5.07 | 4.57 | 3.93 | 3.48 | 2.99 | 2.78 | 2.49 | 2.45 | 2.29 | 2.35 | 2.25 | 2.34 | 2.24 |
| 135 | 6.86 | 6.63 | 6.57 | 6.21 | 6.05 | 5.61 | 5.16 | 4.82 | 4.26 | 3.94 | 3.45 | 3.20 | 2.87 | 2.81 | 2.60 | 2.64 | 2.50 | 2.59 | 2.49 |
| 140 | 6.45 | 6.26 | 6.27 | 5.97 | 5.90 | 5.61 | 5.20 | 4.98 | 4.53 | 4.24 | 3.84 | 3.59 | 3.24 | 3.15 | 2.93 | 2.93 | 2.83 | 2.86 | 2.80 |
| 145 | 6.20 | 6.01 | 6.06 | 5.92 | 5.82 | 5.60 | 5.29 | 5.10 | 4.72 | 4.52 | 4.16 | 3.97 | 3.62 | 3.54 | 3.30 | 3.30 | 3.15 | 3.20 | 3.12 |
| 150 | 6.05 | 5.96 | 5.97 | 5.90 | 5.80 | 5.63 | 5.35 | 5.23 | 4.90 | 4.76 | 4.43 | 4.33 | 4.03 | 3.97 | 3.74 | 3.69 | 3.54 | 3.61 | 3.51 |
| 155 | 5.98 | 5.96 | 5.96 | 5.90 | 5.80 | 5.69 | 5.43 | 5.36 | 5.07 | 5.00 | 4.70 | 4.64 | 4.39 | 4.36 | 4.16 | 4.18 | 4.03 | 4.09 | 3.99 |
| 160 | 5.97 | 5.97 | 5.97 | 5.96 | 5.80 | 5.77 | 5.54 | 5.50 | 5.27 | 5.22 | 5.00 | 4.97 | 4.76 | 4.77 | 4.63 | 4.63 | 4.51 | 4.55 | 4.48 |
| 165 | 5.98 | 6.06 | 6.00 | 6.03 | 5.85 | 5.87 | 5.65 | 5.65 | 5.45 | 5.45 | 5.29 | 5.29 | 5.15 | 5.16 | 5.02 | 5.07 | 4.96 | 5.03 | 4.91 |
| 170 | 6.02 | 6.20 | 6.09 | 6.12 | 5.98 | 5.96 | 5.81 | 5.81 | 5.68 | 5.73 | 5.58 | 5.65 | 5.50 | 5.58 | 5.48 | 5.54 | 5.43 | 5.52 | 5.40 |
| 175 | 6.21 | 6.33 | 6.18 | 6.22 | 6.07 | 6.11 | 6.00 | 6.04 | 5.91 | 6.01 | 5.88 | 5.97 | 5.86 | 5.96 | 5.87 | 5.96 | 5.83 | 5.96 | 5.86 |
| 180 | 6.32 | 6.34 | 6.25 | 6.25 | 6.16 | 6.18 | 6.19 | 6.20 | 6.19 | 6.19 | 6.19 | 6.21 | 6.20 | 6.20 | 6.18 | 6.19 | 6.20 | 6.21 | 6.20 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------|------------------|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740054 55w 4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

Table--2

UNIT: cd

| C(DEG) γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 |
| 5 | 2370 | 2369 | 2370 | 2367 | 2367 | 2362 | 2362 | 2358 | 2354 | 2350 | 2347 | 2340 | 2333 | 2328 | 2320 | 2310 | 2302 | 2289 | 2280 |
| 10 | 2416 | 2414 | 2418 | 2413 | 2415 | 2411 | 2410 | 2407 | 2403 | 2397 | 2394 | 2385 | 2377 | 2370 | 2359 | 2345 | 2332 | 2311 | 2294 |
| 15 | 2426 | 2424 | 2427 | 2429 | 2433 | 2429 | 2434 | 2431 | 2431 | 2429 | 2428 | 2425 | 2422 | 2416 | 2406 | 2392 | 2374 | 2345 | 2321 |
| 20 | 2430 | 2429 | 2433 | 2434 | 2436 | 2434 | 2439 | 2441 | 2447 | 2452 | 2460 | 2464 | 2469 | 2472 | 2468 | 2456 | 2438 | 2403 | 2374 |
| 25 | 2448 | 2446 | 2448 | 2445 | 2446 | 2443 | 2449 | 2453 | 2464 | 2476 | 2490 | 2503 | 2518 | 2531 | 2534 | 2531 | 2516 | 2478 | 2445 |
| 30 | 2519 | 2515 | 2506 | 2496 | 2485 | 2473 | 2472 | 2474 | 2485 | 2500 | 2525 | 2548 | 2575 | 2600 | 2619 | 2626 | 2619 | 2577 | 2546 |
| 35 | 2686 | 2679 | 2659 | 2635 | 2599 | 2568 | 2544 | 2531 | 2530 | 2546 | 2575 | 2611 | 2650 | 2691 | 2721 | 2744 | 2742 | 2704 | 2671 |
| 40 | 2903 | 2893 | 2871 | 2843 | 2801 | 2759 | 2711 | 2670 | 2641 | 2637 | 2663 | 2712 | 2769 | 2833 | 2884 | 2912 | 2913 | 2878 | 2835 |
| 45 | 3029 | 3023 | 3014 | 2996 | 2974 | 2949 | 2917 | 2886 | 2848 | 2821 | 2807 | 2827 | 2871 | 2920 | 2969 | 3014 | 3031 | 2991 | 2957 |
| 50 | 2915 | 2916 | 2936 | 2945 | 2968 | 2990 | 3023 | 3044 | 3060 | 3071 | 3066 | 3059 | 3052 | 3073 | 3113 | 3165 | 3197 | 3164 | 3142 |
| 55 | 2409 | 2420 | 2487 | 2530 | 2628 | 2714 | 2840 | 2957 | 3101 | 3223 | 3307 | 3375 | 3392 | 3367 | 3354 | 3404 | 3444 | 3418 | 3421 |
| 60 | 1323 | 1340 | 1455 | 1536 | 1730 | 1901 | 2166 | 2418 | 2743 | 3048 | 3370 | 3633 | 3827 | 3955 | 3929 | 3944 | 3988 | 3912 | 3849 |
| 65 | 350 | 363 | 422 | 463 | 552 | 558 | 772 | 1020 | 1646 | 2359 | 3099 | 3626 | 4215 | 4665 | 4921 | 5126 | 4989 | 4687 | 4487 |
| 70 | 137 | 134 | 138 | 141 | 169 | 191 | 220 | 235 | 281 | 675 | 1929 | 3037 | 3994 | 4516 | 5034 | 5151 | 5037 | 4727 | 4225 |
| 75 | 84.1 | 83.2 | 82.5 | 82.8 | 89.3 | 96.9 | 110 | 123 | 144 | 159 | 375 | 1218 | 2184 | 2806 | 3042 | 3053 | 2935 | 2670 | 2420 |
| 80 | 43.8 | 45.8 | 46.2 | 44.2 | 47.6 | 51.2 | 54.1 | 54.7 | 67.4 | 84.2 | 100 | 142 | 364 | 664 | 864 | 786 | 712 | 660 | 336 |
| 85 | 10.6 | 12.5 | 13.8 | 14.5 | 17.9 | 18.7 | 18.6 | 17.5 | 17.2 | 18.7 | 26.1 | 31.9 | 41.4 | 41.9 | 44.0 | 25.4 | 15.6 | 15.6 | 13.7 |
| 90 | 0.18 | 0.28 | 0.24 | 0.30 | 0.22 | 0.30 | 0.23 | 0.33 | 0.28 | 0.37 | 0.34 | 0.39 | 0.41 | 0.50 | 0.58 | 0.78 | 0.85 | 1.39 | 1.49 |
| 95 | 0.22 | 0.22 | 0.23 | 0.22 | 0.24 | 0.24 | 0.26 | 0.26 | 0.30 | 0.30 | 0.35 | 0.43 | 0.73 | 1.05 | 1.44 | 1.80 | 2.10 | 2.81 | 3.09 |
| 100 | 0.29 | 0.22 | 0.31 | 0.21 | 0.34 | 0.28 | 0.38 | 0.29 | 0.40 | 0.39 | 0.72 | 1.10 | 1.69 | 2.30 | 2.92 | 3.57 | 4.10 | 4.93 | 5.27 |
| 105 | 0.48 | 0.40 | 0.51 | 0.45 | 0.55 | 0.48 | 0.58 | 0.51 | 0.69 | 0.88 | 1.46 | 2.14 | 2.98 | 3.85 | 4.67 | 5.48 | 6.10 | 6.89 | 7.20 |
| 110 | 0.80 | 0.71 | 0.82 | 0.74 | 0.84 | 0.79 | 0.92 | 0.92 | 1.23 | 1.62 | 2.37 | 3.19 | 4.22 | 5.12 | 6.03 | 6.80 | 7.49 | 8.21 | 8.45 |
| 115 | 1.18 | 1.12 | 1.21 | 1.15 | 1.25 | 1.20 | 1.37 | 1.47 | 1.91 | 2.45 | 3.28 | 4.16 | 5.11 | 5.89 | 6.76 | 7.41 | 8.05 | 8.83 | 9.01 |
| 120 | 1.60 | 1.53 | 1.63 | 1.55 | 1.67 | 1.66 | 1.88 | 2.09 | 2.64 | 3.20 | 4.07 | 4.74 | 5.43 | 6.12 | 6.79 | 7.54 | 8.05 | 8.82 | 9.08 |
| 125 | 2.02 | 1.93 | 2.04 | 1.96 | 2.11 | 2.15 | 2.43 | 2.70 | 3.27 | 3.78 | 4.41 | 4.88 | 5.43 | 6.09 | 6.63 | 7.41 | 7.82 | 8.30 | 8.47 |
| 130 | 2.35 | 2.25 | 2.38 | 2.32 | 2.50 | 2.57 | 2.90 | 3.18 | 3.68 | 4.03 | 4.56 | 4.90 | 5.43 | 6.04 | 6.50 | 7.14 | 7.41 | 7.51 | 7.68 |
| 135 | 2.61 | 2.53 | 2.67 | 2.64 | 2.86 | 2.96 | 3.31 | 3.51 | 3.98 | 4.20 | 4.65 | 4.93 | 5.43 | 5.98 | 6.31 | 6.81 | 7.00 | 6.87 | 7.02 |
| 140 | 2.90 | 2.82 | 2.97 | 2.99 | 3.19 | 3.30 | 3.62 | 3.82 | 4.16 | 4.36 | 4.77 | 5.01 | 5.43 | 5.86 | 6.10 | 6.51 | 6.63 | 6.42 | 6.58 |
| 145 | 3.22 | 3.17 | 3.32 | 3.32 | 3.56 | 3.63 | 3.93 | 4.03 | 4.36 | 4.50 | 4.86 | 5.05 | 5.43 | 5.75 | 5.90 | 6.25 | 6.30 | 6.11 | 6.27 |
| 150 | 3.63 | 3.56 | 3.74 | 3.71 | 3.94 | 3.94 | 4.21 | 4.27 | 4.56 | 4.67 | 4.99 | 5.11 | 5.45 | 5.67 | 5.79 | 6.08 | 6.10 | 5.94 | 6.06 |
| 155 | 4.11 | 4.03 | 4.17 | 4.11 | 4.28 | 4.27 | 4.49 | 4.55 | 4.78 | 4.85 | 5.12 | 5.19 | 5.47 | 5.65 | 5.79 | 5.98 | 6.03 | 5.92 | 5.99 |
| 160 | 4.54 | 4.46 | 4.58 | 4.50 | 4.66 | 4.60 | 4.80 | 4.82 | 5.03 | 5.04 | 5.28 | 5.34 | 5.55 | 5.66 | 5.80 | 5.93 | 6.03 | 5.93 | 5.95 |
| 165 | 5.03 | 4.90 | 5.03 | 4.94 | 5.08 | 5.01 | 5.16 | 5.13 | 5.31 | 5.31 | 5.47 | 5.45 | 5.65 | 5.66 | 5.84 | 5.92 | 6.02 | 6.01 | 5.97 |
| 170 | 5.51 | 5.39 | 5.49 | 5.40 | 5.50 | 5.42 | 5.57 | 5.50 | 5.63 | 5.57 | 5.72 | 5.69 | 5.82 | 5.77 | 5.95 | 5.92 | 6.10 | 6.14 | 5.99 |
| 175 | 5.93 | 5.85 | 5.92 | 5.83 | 5.91 | 5.81 | 5.92 | 5.85 | 5.95 | 5.87 | 6.00 | 5.91 | 6.04 | 5.99 | 6.12 | 6.07 | 6.25 | 6.29 | 6.15 |
| 180 | 6.21 | 6.23 | 6.23 | 6.22 | 6.24 | 6.20 | 6.21 | 6.14 | 6.20 | 6.13 | 6.20 | 6.14 | 6.22 | 6.22 | 6.25 | 6.21 | 6.30 | 6.33 | 6.32 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | WEIGHT: 2.3 | | | | |
| SPEC.: AL6740054 55w 4000K No glass | | | | | | | | | DIM.: 45*19*9 | | | | | SERIAL No.: 001 | | | | |
| MFR.: Americanlite | | | | | | | | | SUR.: 16.5*16.5 | | | | | Shielding Angle: | | | | |

Table--3

UNIT: cd

| C(DEG) γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 |
| 5 | 2270 | 2259 | 2248 | 2239 | 2229 | 2219 | 2211 | 2202 | 2192 | 2185 | 2178 | 2173 | 2167 | 2162 | 2160 | 2159 | 2158 | 2157 | 2160 |
| 10 | 2274 | 2255 | 2231 | 2214 | 2193 | 2172 | 2152 | 2130 | 2111 | 2093 | 2075 | 2058 | 2047 | 2035 | 2027 | 2022 | 2021 | 2020 | 2025 |
| 15 | 2295 | 2267 | 2234 | 2201 | 2167 | 2131 | 2096 | 2061 | 2025 | 1994 | 1964 | 1934 | 1910 | 1888 | 1874 | 1863 | 1861 | 1860 | 1869 |
| 20 | 2338 | 2301 | 2255 | 2208 | 2157 | 2103 | 2049 | 1990 | 1933 | 1877 | 1826 | 1775 | 1736 | 1699 | 1676 | 1658 | 1655 | 1654 | 1671 |
| 25 | 2402 | 2354 | 2294 | 2232 | 2164 | 2086 | 2002 | 1912 | 1822 | 1729 | 1649 | 1572 | 1516 | 1466 | 1437 | 1414 | 1411 | 1411 | 1433 |
| 30 | 2496 | 2438 | 2361 | 2277 | 2176 | 2065 | 1941 | 1811 | 1683 | 1557 | 1450 | 1355 | 1289 | 1236 | 1205 | 1184 | 1180 | 1183 | 1205 |
| 35 | 2613 | 2543 | 2451 | 2340 | 2202 | 2041 | 1864 | 1684 | 1517 | 1366 | 1253 | 1169 | 1119 | 1084 | 1066 | 1056 | 1055 | 1060 | 1072 |
| 40 | 2764 | 2680 | 2565 | 2424 | 2237 | 2014 | 1773 | 1541 | 1349 | 1207 | 1128 | 1076 | 1042 | 1021 | 1010 | 1008 | 1008 | 1015 | 1026 |
| 45 | 2895 | 2815 | 2687 | 2510 | 2264 | 1967 | 1649 | 1376 | 1211 | 1123 | 1064 | 1022 | 993 | 977 | 971 | 972 | 975 | 979 | 988 |
| 50 | 3088 | 3004 | 2844 | 2611 | 2284 | 1867 | 1459 | 1212 | 1099 | 1028 | 979 | 948 | 933 | 928 | 932 | 937 | 940 | 941 | 944 |
| 55 | 3355 | 3225 | 2981 | 2638 | 2173 | 1604 | 1173 | 1006 | 925 | 861 | 837 | 827 | 832 | 838 | 850 | 857 | 865 | 862 | 861 |
| 60 | 3710 | 3451 | 3046 | 2519 | 1836 | 1057 | 812 | 699 | 648 | 628 | 635 | 637 | 616 | 584 | 568 | 552 | 555 | 556 | 577 |
| 65 | 4120 | 3581 | 2974 | 2080 | 1025 | 459 | 386 | 355 | 359 | 367 | 353 | 307 | 282 | 269 | 256 | 249 | 246 | 249 | 257 |
| 70 | 3877 | 3187 | 2161 | 827 | 218 | 179 | 179 | 166 | 172 | 146 | 123 | 111 | 107 | 115 | 126 | 130 | 132 | 129 | 124 |
| 75 | 1746 | 1050 | 464 | 126 | 101 | 105 | 95.6 | 90.6 | 85.4 | 77.1 | 72.0 | 68.9 | 67.9 | 65.8 | 67.4 | 66.4 | 67.3 | 66.7 | 67.6 |
| 80 | 135 | 73.9 | 63.0 | 54.3 | 54.0 | 51.6 | 42.6 | 42.4 | 45.4 | 42.3 | 41.8 | 42.2 | 43.6 | 44.1 | 43.7 | 40.4 | 40.8 | 41.3 | 44.7 |
| 85 | 14.4 | 12.5 | 13.1 | 11.3 | 10.8 | 9.43 | 9.19 | 8.69 | 10.1 | 10.3 | 12.3 | 10.0 | 10.1 | 8.36 | 8.33 | 5.60 | 6.70 | 5.86 | 8.63 |
| 90 | 1.50 | 1.48 | 1.29 | 1.08 | 0.77 | 0.55 | 0.35 | 0.27 | 0.21 | 0.24 | 0.22 | 0.21 | 0.20 | 0.21 | 0.18 | 0.19 | 0.22 | 0.20 | 0.22 |
| 95 | 3.11 | 3.04 | 2.75 | 2.38 | 1.88 | 1.37 | 0.91 | 0.49 | 0.37 | 0.27 | 0.29 | 0.26 | 0.28 | 0.19 | 0.25 | 0.20 | 0.24 | 0.22 | 0.24 |
| 100 | 5.29 | 5.14 | 4.74 | 4.21 | 3.50 | 2.80 | 2.10 | 1.42 | 0.99 | 0.65 | 0.60 | 0.47 | 0.49 | 0.37 | 0.44 | 0.32 | 0.42 | 0.32 | 0.44 |
| 105 | 7.20 | 6.95 | 6.50 | 5.85 | 5.13 | 4.33 | 3.53 | 2.77 | 2.16 | 1.66 | 1.40 | 1.18 | 1.12 | 0.98 | 1.00 | 0.91 | 0.96 | 0.90 | 1.00 |
| 110 | 8.46 | 8.13 | 7.69 | 7.03 | 6.37 | 5.61 | 4.93 | 4.18 | 3.52 | 2.98 | 2.62 | 2.35 | 2.20 | 2.05 | 2.01 | 1.93 | 1.96 | 1.92 | 2.00 |
| 115 | 8.96 | 8.69 | 8.36 | 7.80 | 7.30 | 6.66 | 6.10 | 5.42 | 4.85 | 4.35 | 3.99 | 3.68 | 3.52 | 3.36 | 3.29 | 3.23 | 3.23 | 3.21 | 3.27 |
| 120 | 8.92 | 8.85 | 8.38 | 7.98 | 7.50 | 7.13 | 6.79 | 6.30 | 5.96 | 5.55 | 5.27 | 5.01 | 4.88 | 4.76 | 4.69 | 4.64 | 4.64 | 4.63 | 4.65 |
| 125 | 8.33 | 8.30 | 7.98 | 7.79 | 7.37 | 7.16 | 6.83 | 6.67 | 6.59 | 6.34 | 6.27 | 6.10 | 6.08 | 5.97 | 5.99 | 5.93 | 5.95 | 5.89 | 5.92 |
| 130 | 7.57 | 7.60 | 7.38 | 7.34 | 7.07 | 7.04 | 6.77 | 6.71 | 6.66 | 6.62 | 6.66 | 6.66 | 6.76 | 6.68 | 6.80 | 6.75 | 6.84 | 6.74 | 6.82 |
| 135 | 6.95 | 7.04 | 6.87 | 6.94 | 6.76 | 6.81 | 6.64 | 6.69 | 6.57 | 6.65 | 6.66 | 6.73 | 6.82 | 6.88 | 6.98 | 7.02 | 7.03 | 7.02 | 6.98 |
| 140 | 6.48 | 6.61 | 6.50 | 6.60 | 6.48 | 6.58 | 6.47 | 6.56 | 6.46 | 6.63 | 6.55 | 6.73 | 6.72 | 6.87 | 6.87 | 6.99 | 6.90 | 7.01 | 6.89 |
| 145 | 6.17 | 6.31 | 6.21 | 6.33 | 6.24 | 6.38 | 6.28 | 6.44 | 6.35 | 6.53 | 6.45 | 6.64 | 6.56 | 6.73 | 6.66 | 6.81 | 6.71 | 6.80 | 6.67 |
| 150 | 6.00 | 6.12 | 6.07 | 6.19 | 6.11 | 6.25 | 6.20 | 6.34 | 6.24 | 6.44 | 6.37 | 6.53 | 6.47 | 6.62 | 6.53 | 6.66 | 6.54 | 6.65 | 6.51 |
| 155 | 5.98 | 6.05 | 6.04 | 6.12 | 6.12 | 6.20 | 6.20 | 6.28 | 6.22 | 6.37 | 6.31 | 6.46 | 6.38 | 6.55 | 6.49 | 6.57 | 6.51 | 6.55 | 6.42 |
| 160 | 5.98 | 6.01 | 6.04 | 6.09 | 6.12 | 6.16 | 6.20 | 6.24 | 6.22 | 6.33 | 6.27 | 6.42 | 6.34 | 6.48 | 6.36 | 6.49 | 6.37 | 6.48 | 6.36 |
| 165 | 6.00 | 6.02 | 6.07 | 6.09 | 6.14 | 6.16 | 6.22 | 6.24 | 6.22 | 6.33 | 6.26 | 6.40 | 6.32 | 6.45 | 6.34 | 6.44 | 6.36 | 6.45 | 6.36 |
| 170 | 6.09 | 6.02 | 6.13 | 6.09 | 6.18 | 6.16 | 6.21 | 6.24 | 6.22 | 6.32 | 6.24 | 6.38 | 6.32 | 6.42 | 6.33 | 6.42 | 6.35 | 6.43 | 6.34 |
| 175 | 6.20 | 6.13 | 6.18 | 6.15 | 6.20 | 6.20 | 6.21 | 6.24 | 6.22 | 6.32 | 6.24 | 6.37 | 6.27 | 6.38 | 6.27 | 6.39 | 6.30 | 6.40 | 6.26 |
| 180 | 6.32 | 6.18 | 6.19 | 6.17 | 6.19 | 6.21 | 6.21 | 6.23 | 6.22 | 6.24 | 6.24 | 6.26 | 6.26 | 6.26 | 6.26 | 6.28 | 6.27 | 6.27 | 6.25 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|------------------|--|--|
| Test:U:220.16V I:0.2536A P:54.417W PF:0.9747 Freq:50.00Hz Lamp Flux:9851x1 lm | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | | WEIGHT: 2.3 | | |
| SPEC.: AL6740054 55w 4000K No glass | | | | | | | | | DIM.: 45*19*9 | | | | | | SERIAL No.: 001 | | |
| MFR.: Americanlite | | | | | | | | | SUR.: 16.5*16.5 | | | | | | Shielding Angle: | | |

Table--4

UNIT: cd

| C(DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | 2282 | | | | |
| 5 | 2160 | 2166 | 2169 | 2174 | 2180 | 2188 | 2195 | 2203 | 2213 | 2222 | 2232 | 2242 | 2253 | 2262 | 2274 | | | | |
| 10 | 2030 | 2041 | 2050 | 2064 | 2080 | 2098 | 2116 | 2136 | 2158 | 2177 | 2198 | 2219 | 2241 | 2261 | 2282 | | | | |
| 15 | 1880 | 1903 | 1919 | 1946 | 1974 | 2007 | 2039 | 2076 | 2113 | 2149 | 2187 | 2222 | 2258 | 2287 | 2320 | | | | |
| 20 | 1691 | 1725 | 1761 | 1808 | 1858 | 1914 | 1971 | 2031 | 2092 | 2147 | 2206 | 2257 | 2310 | 2350 | 2392 | | | | |
| 25 | 1458 | 1507 | 1559 | 1633 | 1713 | 1806 | 1899 | 1994 | 2087 | 2170 | 2250 | 2321 | 2389 | 2440 | 2490 | | | | |
| 30 | 1234 | 1288 | 1352 | 1443 | 1550 | 1675 | 1812 | 1952 | 2089 | 2212 | 2324 | 2415 | 2500 | 2563 | 2617 | | | | |
| 35 | 1093 | 1130 | 1181 | 1263 | 1377 | 1530 | 1706 | 1899 | 2092 | 2264 | 2416 | 2536 | 2635 | 2705 | 2767 | | | | |
| 40 | 1043 | 1068 | 1103 | 1156 | 1241 | 1388 | 1592 | 1840 | 2096 | 2326 | 2524 | 2671 | 2786 | 2864 | 2929 | | | | |
| 45 | 1001 | 1024 | 1054 | 1098 | 1161 | 1261 | 1445 | 1745 | 2083 | 2388 | 2642 | 2824 | 2951 | 3023 | 3083 | | | | |
| 50 | 947 | 959 | 978 | 1012 | 1065 | 1144 | 1274 | 1560 | 2002 | 2434 | 2772 | 3014 | 3182 | 3261 | 3309 | | | | |
| 55 | 853 | 853 | 852 | 866 | 895 | 961 | 1048 | 1241 | 1737 | 2343 | 2833 | 3194 | 3457 | 3596 | 3671 | | | | |
| 60 | 598 | 632 | 648 | 643 | 636 | 658 | 714 | 831 | 1129 | 1998 | 2735 | 3290 | 3733 | 4020 | 4191 | | | | |
| 65 | 268 | 276 | 305 | 345 | 348 | 336 | 333 | 368 | 436 | 1085 | 2233 | 3174 | 3811 | 4357 | 4747 | | | | |
| 70 | 112 | 107 | 114 | 125 | 150 | 166 | 158 | 174 | 170 | 209 | 840 | 2195 | 3138 | 3838 | 4107 | | | | |
| 75 | 65.8 | 68.3 | 69.0 | 73.3 | 78.7 | 88.7 | 90.0 | 96.3 | 96.2 | 95.3 | 116 | 304 | 761 | 1436 | 2059 | | | | |
| 80 | 43.7 | 42.9 | 42.1 | 42.2 | 43.9 | 45.0 | 41.6 | 40.9 | 44.2 | 45.4 | 48.3 | 60.7 | 72.3 | 89.0 | 225 | | | | |
| 85 | 8.38 | 10.3 | 10.2 | 12.0 | 9.39 | 9.26 | 8.11 | 8.47 | 8.34 | 9.04 | 9.19 | 11.0 | 11.0 | 12.1 | 11.4 | | | | |
| 90 | 0.20 | 0.20 | 0.21 | 0.19 | 0.22 | 0.26 | 0.31 | 0.41 | 0.73 | 0.92 | 1.18 | 1.40 | 1.58 | 1.62 | 1.60 | | | | |
| 95 | 0.20 | 0.26 | 0.26 | 0.28 | 0.26 | 0.43 | 0.61 | 1.05 | 1.50 | 2.05 | 2.57 | 3.00 | 3.36 | 3.45 | 3.46 | | | | |
| 100 | 0.36 | 0.50 | 0.48 | 0.62 | 0.69 | 1.09 | 1.51 | 2.15 | 2.81 | 3.52 | 4.27 | 4.89 | 5.38 | 5.63 | 5.67 | | | | |
| 105 | 0.98 | 1.12 | 1.18 | 1.42 | 1.69 | 2.19 | 2.74 | 3.44 | 4.17 | 4.96 | 5.70 | 6.46 | 7.04 | 7.42 | 7.48 | | | | |
| 110 | 2.03 | 2.18 | 2.32 | 2.61 | 2.95 | 3.47 | 4.04 | 4.71 | 5.35 | 6.11 | 6.82 | 7.59 | 8.12 | 8.52 | 8.54 | | | | |
| 115 | 3.32 | 3.46 | 3.61 | 3.94 | 4.25 | 4.72 | 5.20 | 5.84 | 6.46 | 7.19 | 7.77 | 8.38 | 8.70 | 8.85 | 8.87 | | | | |
| 120 | 4.68 | 4.79 | 4.91 | 5.15 | 5.41 | 5.81 | 6.21 | 6.80 | 7.29 | 7.82 | 8.22 | 8.53 | 8.73 | 8.73 | 8.76 | | | | |
| 125 | 5.91 | 6.00 | 6.04 | 6.23 | 6.38 | 6.69 | 6.91 | 7.25 | 7.52 | 7.79 | 8.09 | 8.12 | 8.26 | 8.13 | 8.10 | | | | |
| 130 | 6.73 | 6.81 | 6.75 | 6.89 | 6.88 | 7.05 | 7.10 | 7.18 | 7.41 | 7.39 | 7.54 | 7.44 | 7.53 | 7.39 | 7.43 | | | | |
| 135 | 6.99 | 6.93 | 6.94 | 6.90 | 6.96 | 6.93 | 7.06 | 6.96 | 7.06 | 6.97 | 7.07 | 6.93 | 6.98 | 6.84 | 6.89 | | | | |
| 140 | 6.96 | 6.84 | 6.88 | 6.76 | 6.87 | 6.71 | 6.82 | 6.67 | 6.78 | 6.65 | 6.75 | 6.60 | 6.65 | 6.46 | 6.51 | | | | |
| 145 | 6.73 | 6.57 | 6.66 | 6.51 | 6.64 | 6.51 | 6.62 | 6.47 | 6.59 | 6.44 | 6.55 | 6.39 | 6.46 | 6.23 | 6.24 | | | | |
| 150 | 6.58 | 6.42 | 6.51 | 6.37 | 6.47 | 6.36 | 6.47 | 6.36 | 6.45 | 6.32 | 6.41 | 6.25 | 6.35 | 6.18 | 6.11 | | | | |
| 155 | 6.50 | 6.36 | 6.45 | 6.29 | 6.40 | 6.26 | 6.37 | 6.26 | 6.38 | 6.25 | 6.34 | 6.22 | 6.30 | 6.19 | 6.09 | | | | |
| 160 | 6.45 | 6.34 | 6.40 | 6.26 | 6.36 | 6.22 | 6.33 | 6.20 | 6.32 | 6.23 | 6.31 | 6.22 | 6.25 | 6.19 | 6.09 | | | | |
| 165 | 6.42 | 6.33 | 6.38 | 6.25 | 6.33 | 6.21 | 6.29 | 6.20 | 6.28 | 6.23 | 6.27 | 6.22 | 6.22 | 6.20 | 6.09 | | | | |
| 170 | 6.40 | 6.27 | 6.36 | 6.24 | 6.31 | 6.21 | 6.27 | 6.20 | 6.25 | 6.23 | 6.24 | 6.22 | 6.22 | 6.23 | 6.13 | | | | |
| 175 | 6.36 | 6.25 | 6.33 | 6.21 | 6.29 | 6.21 | 6.27 | 6.20 | 6.24 | 6.22 | 6.23 | 6.22 | 6.22 | 6.24 | 6.24 | | | | |
| 180 | 6.26 | 6.24 | 6.24 | 6.20 | 6.23 | 6.20 | 6.22 | 6.20 | 6.22 | 6.22 | 6.23 | 6.22 | 6.25 | 6.24 | 6.28 | | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks: