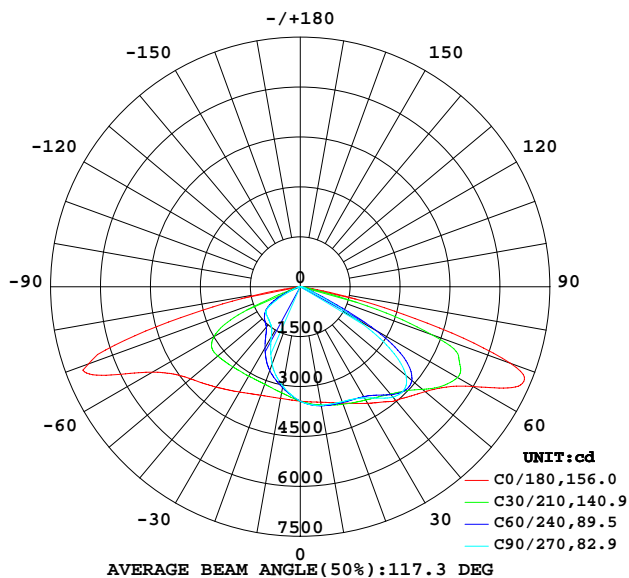
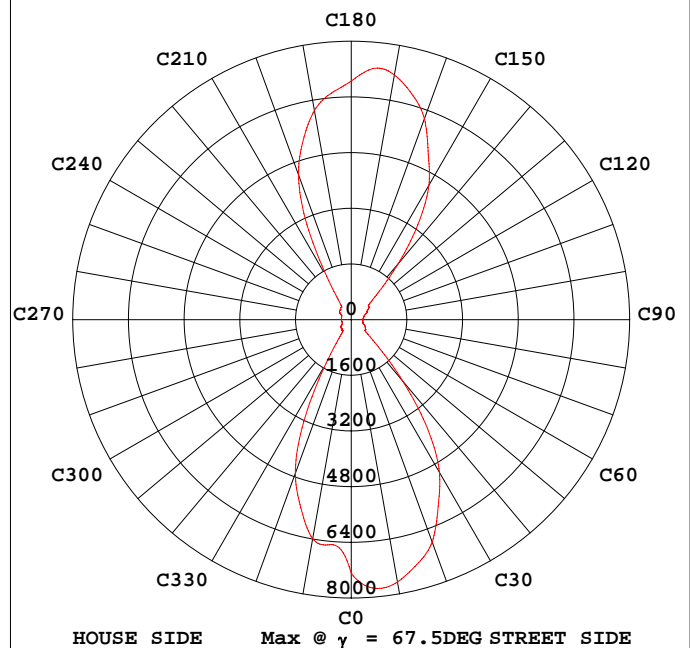


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz
Lamp Flux:14458x1 lm

| | | |
|------------------------------------|-----------------|------------------|
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 184.24 lm/W |
|------------------|----------|-----------------------|--------|------------------|---------|------------------|
| MODEL | 80W4000K | I _{max} (cd) | 7746 | η street_up(%) | 0.1 | |
| NOMINAL POWER(W) | 80 | LOR(%) | 100.0 | η street_down(%) | 60.5 | |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 14458 | η house_up(%) | 0.2 | |
| NOMINAL FLUX(lm) | 14458 | MAXIMUM @(C,γ) | 5,67.5 | η house_down(%) | 39.2 | |
| LAMPS INSIDE | 1 | η up(%) | 0.3 | 76 FLASHAREA(m2) | 0.00100 | |
| TEST VOLTAGE(V) | 220 | η down(%) | 99.7 | SLI | 20.712 | |

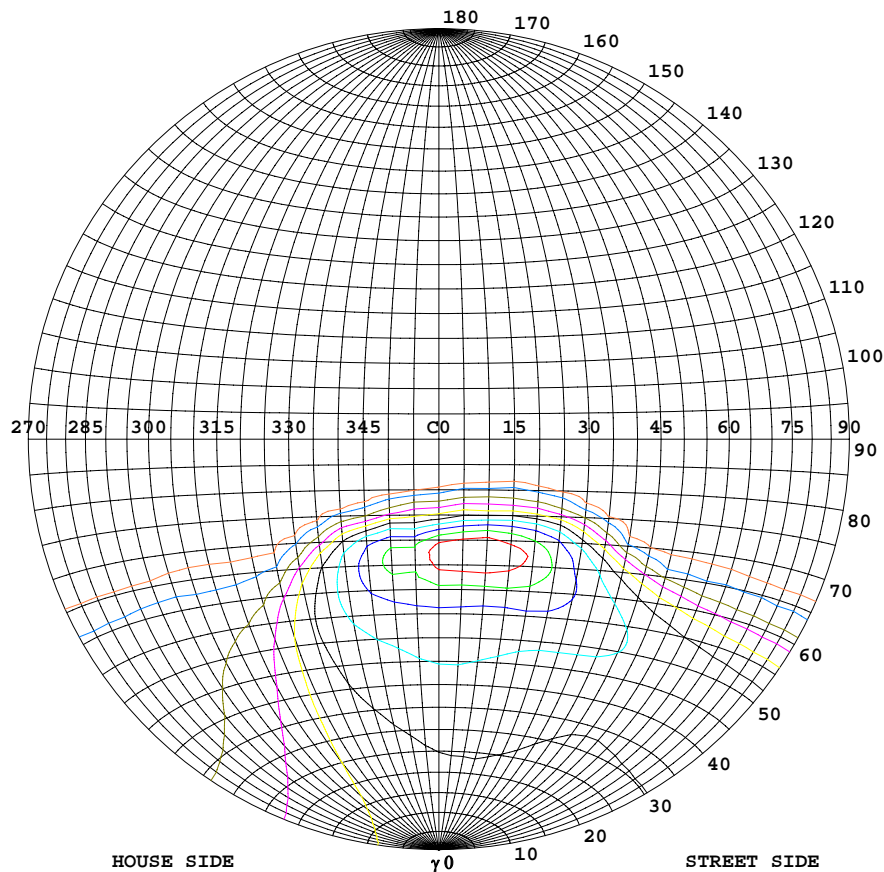
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |



Classification:

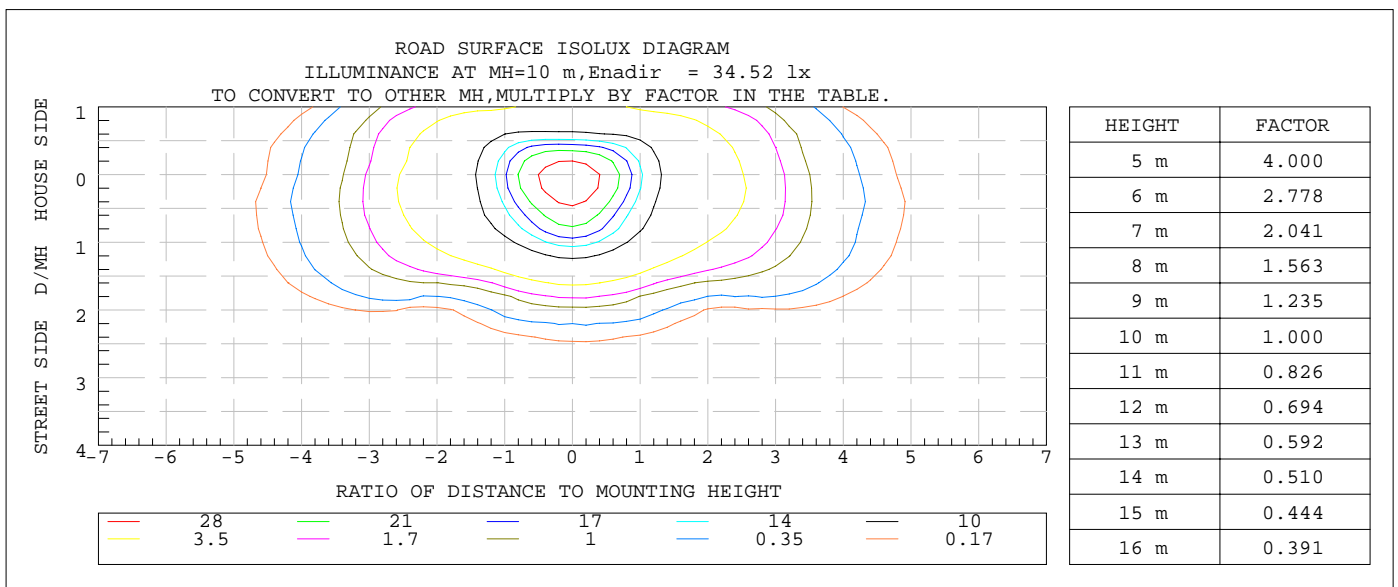
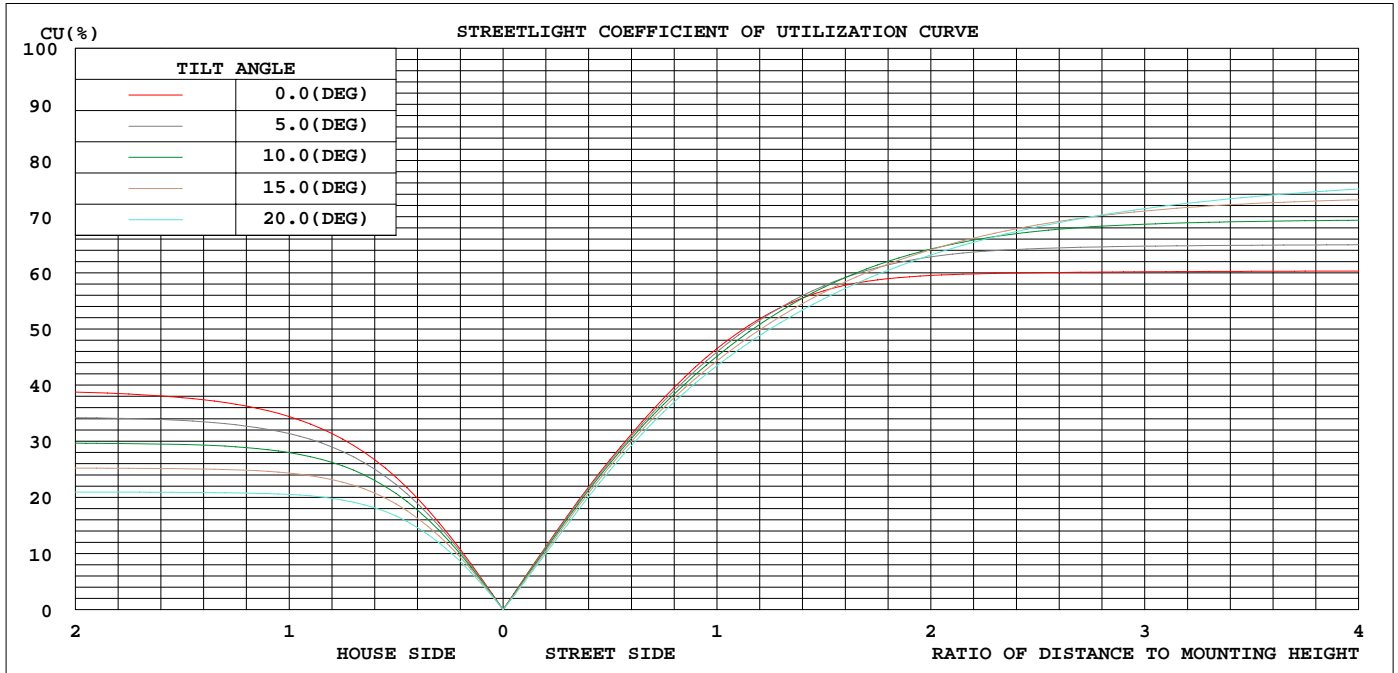
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:93.39cd/klm
Max.At90:0.8610cd/klm
Max.80-90:93.39cd/klm

| ISOCANDELA DIAGRAM | |
|------------------------|------|
| UNIT | cd |
| I _{max} =100% | 7746 |
| 90% | 6972 |
| 80% | 6197 |
| 70% | 5422 |
| 60% | 4648 |
| 50% | 3873 |
| 40% | 3099 |
| 30% | 2324 |
| 20% | 1549 |
| 10% | 775 |
| 5% | 387 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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: 2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |

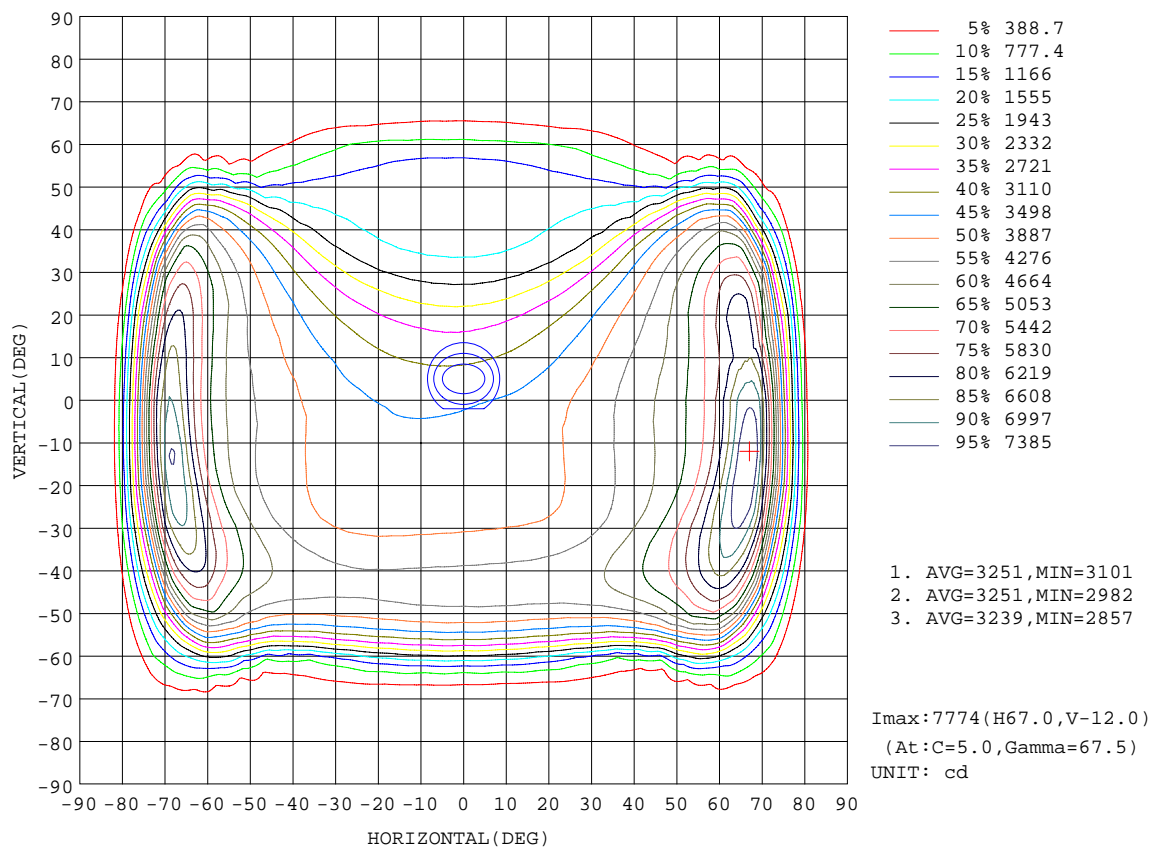
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum,lamp |
|-----|-----------------------|--------|--------|--------|-------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 3523 | 3628 | 3618 | 3555 | 3407 | 3150 | 3031 | 3236 | 0- 10 | 325.8 | 325.8 | 2.25,2.25 |
| 20 | 3721 | 3726 | 3678 | 3596 | 3473 | 2895 | 2478 | 3054 | 10- 20 | 951.5 | 1277 | 8.83,8.83 |
| 30 | 4044 | 3832 | 3857 | 3651 | 3652 | 2620 | 1746 | 2837 | 20- 30 | 1525 | 2802 | 19.4,19.4 |
| 40 | 4465 | 4131 | 4327 | 3882 | 3941 | 2230 | 1416 | 2463 | 30- 40 | 2078 | 4881 | 33.8,33.8 |
| 50 | 4904 | 4653 | 4143 | 4379 | 4306 | 1770 | 1323 | 1889 | 40- 50 | 2671 | 7551 | 52.2,52.2 |
| 60 | 5993 | 4016 | 1901 | 3822 | 5136 | 1191 | 886.5 | 1136 | 50- 60 | 3040 | 10591 | 73.3,73.3 |
| 70 | 6709 | 392.6 | 223.5 | 467.2 | 6767 | 274.8 | 199.5 | 252.0 | 60- 70 | 2644 | 13235 | 91.5,91.5 |
| 80 | 532.1 | 78.42 | 61.83 | 95.13 | 1049 | 53.25 | 52.98 | 50.77 | 70- 80 | 1128 | 14363 | 99.3,99.3 |
| 90 | 1.702 | 0.6061 | 0.3257 | 0.8576 | 2.543 | 0.4609 | 0.2935 | 0.4408 | 80- 90 | 56.48 | 14419 | 99.7,99.7 |
| 100 | 6.629 | 0.6295 | 0.3877 | 0.6619 | 7.431 | 2.262 | 0.6844 | 2.103 | 90-100 | 1.940 | 14421 | 99.7,99.7 |
| 110 | 10.43 | 1.929 | 1.162 | 2.110 | 12.03 | 6.216 | 2.884 | 5.587 | 100-110 | 4.342 | 14426 | 99.8,99.8 |
| 120 | 11.40 | 3.740 | 2.325 | 4.293 | 12.81 | 9.288 | 6.731 | 8.729 | 110-120 | 6.486 | 14432 | 99.8,99.8 |
| 130 | 10.10 | 5.208 | 3.323 | 5.711 | 11.04 | 10.02 | 9.931 | 10.12 | 120-130 | 7.177 | 14439 | 99.9,99.9 |
| 140 | 8.928 | 6.118 | 4.150 | 6.371 | 9.646 | 9.847 | 10.30 | 9.834 | 130-140 | 6.425 | 14446 | 99.9,99.9 |
| 150 | 8.540 | 6.873 | 5.335 | 6.980 | 8.989 | 9.543 | 9.852 | 9.425 | 140-150 | 5.174 | 14451 | 99.9,100 |
| 160 | 8.500 | 7.627 | 6.728 | 7.747 | 8.978 | 9.407 | 9.601 | 9.298 | 150-160 | 3.900 | 14455 | 100,100 |
| 170 | 8.894 | 8.506 | 8.196 | 8.607 | 9.240 | 9.406 | 9.531 | 9.292 | 160-170 | 2.494 | 14457 | 100,100 |
| 180 | 9.542 | 9.270 | 9.287 | 9.267 | 9.521 | 9.354 | 9.381 | 9.309 | 170-180 | 0.8880 | 14458 | 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:2023-11-23

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

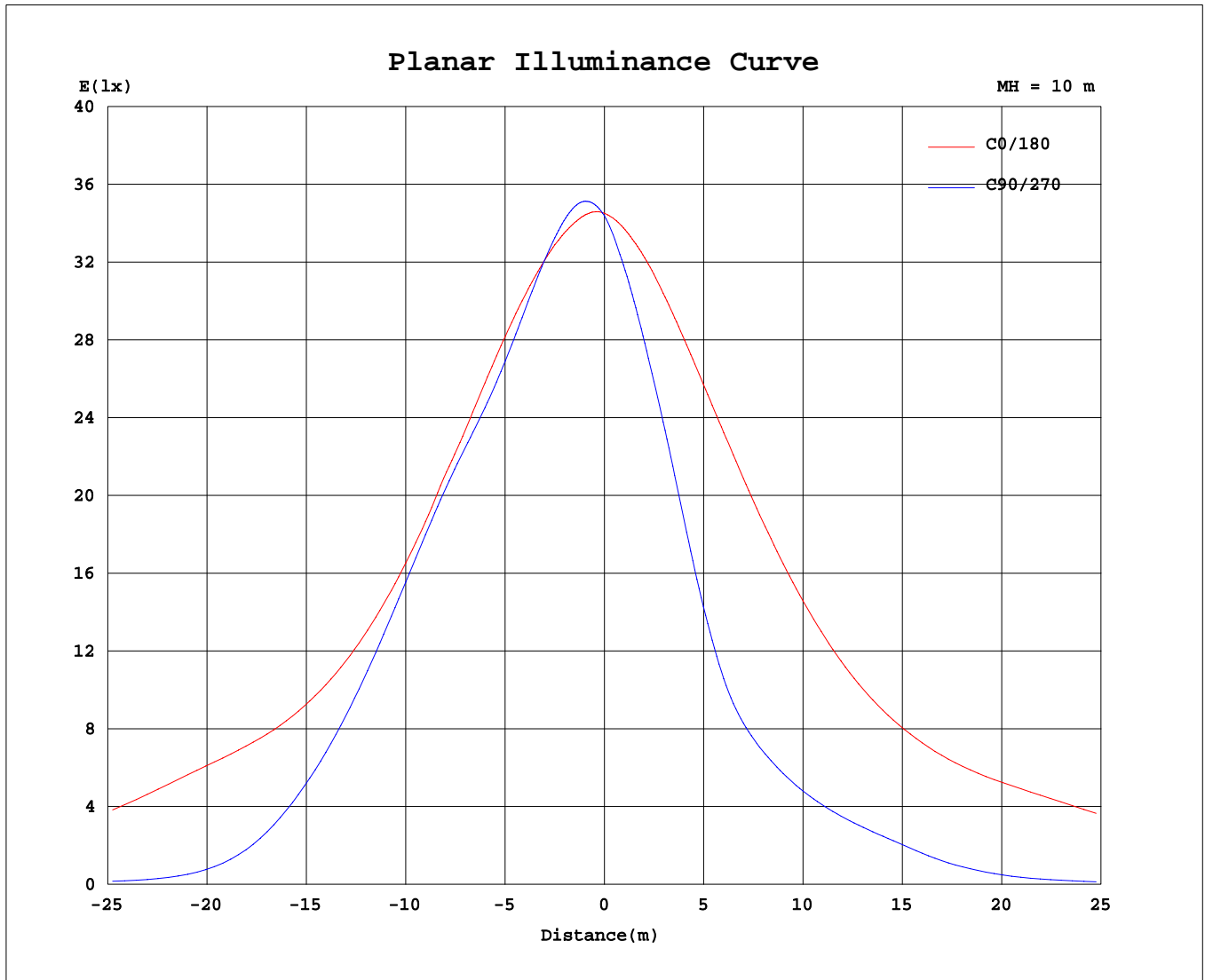
| | | |
|---|-----------------|------------------|
| Test:U:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K No glass | DIM.: 45*19*9 | SERIAL No.: 001 |
| MFR.: Americanlite | SUR.: 16.5*16.5 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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

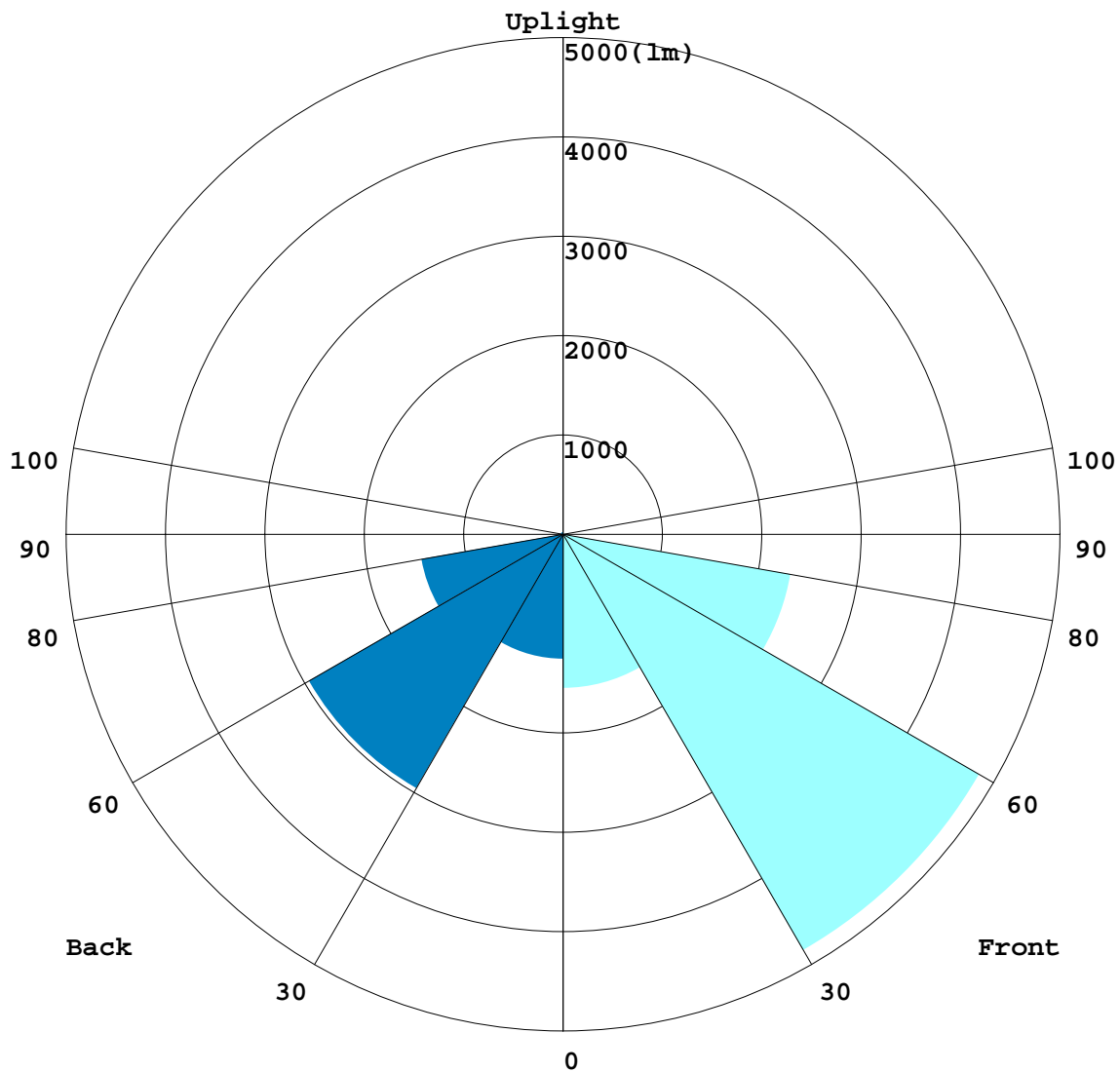


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: yangbin
 Test Date: 2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K 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: 2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K 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) | 1547.3 | 10.7 |
| FM - Front-Medium(30-60) | 4835.4 | 33.4 |
| FH - Front-High(60-80) | 2324.6 | 16.1 |
| FVH - Front-Very High(80-90) | 39.857 | 0.3 |
| Total Forward Light | 8762.7 | 60.6 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 1254.9 | 8.7 |
| BM - Back-Medium(30-60) | 2953.7 | 20.4 |
| BH - Back-High(60-80) | 1446.9 | 10.0 |
| BVH - Back-Very High(80-90) | 16.625 | 0.1 |
| Total Back Light | 5695.5 | 39.4 |

| | | |
|----------------------------|--------|-----|
| UL - Uplight-Low(90-100) | 1.9395 | 0.0 |
| UH - Uplight-High(100-180) | 36.887 | 0.3 |
| Total Up Light | 38.827 | 0.3 |

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

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 5672.1 | 23.406 | 5695.5 |
| Street Side | 8747.2 | 15.421 | 8762.7 |

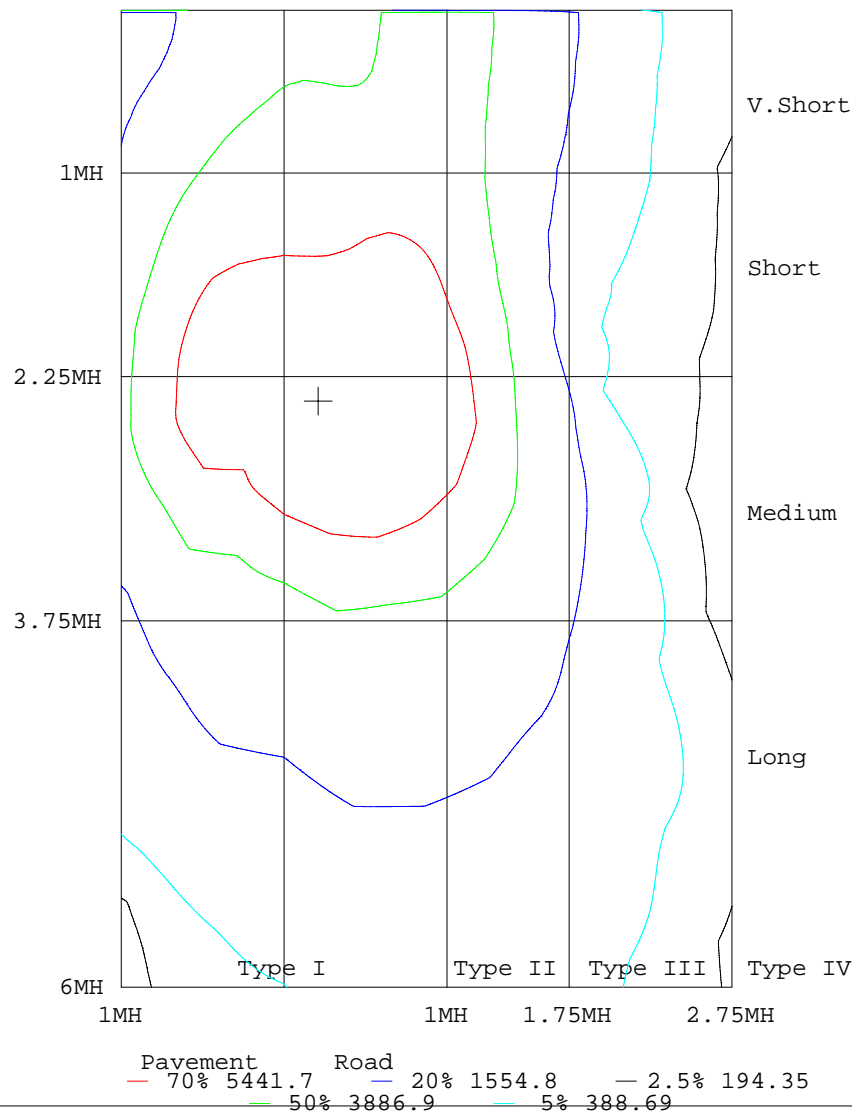
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K 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:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | WEIGHT: 2.3 | | | | |
| SPEC.: AL6740084 80w4000K 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 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 |
| 5 | 3474 | 3485 | 3497 | 3507 | 3518 | 3526 | 3533 | 3540 | 3544 | 3550 | 3553 | 3558 | 3558 | 3561 | 3560 | 3561 | 3559 | 3558 | 3554 |
| 10 | 3523 | 3542 | 3561 | 3574 | 3588 | 3600 | 3608 | 3616 | 3621 | 3628 | 3630 | 3634 | 3633 | 3635 | 3632 | 3632 | 3626 | 3625 | 3618 |
| 15 | 3606 | 3629 | 3651 | 3662 | 3674 | 3679 | 3682 | 3684 | 3682 | 3682 | 3678 | 3679 | 3673 | 3673 | 3666 | 3665 | 3658 | 3655 | 3647 |
| 20 | 3721 | 3747 | 3763 | 3773 | 3772 | 3767 | 3758 | 3748 | 3734 | 3726 | 3714 | 3710 | 3703 | 3703 | 3696 | 3696 | 3689 | 3687 | 3678 |
| 25 | 3868 | 3892 | 3904 | 3901 | 3886 | 3865 | 3838 | 3813 | 3788 | 3772 | 3756 | 3749 | 3741 | 3741 | 3739 | 3740 | 3739 | 3737 | 3730 |
| 30 | 4044 | 4060 | 4061 | 4041 | 4009 | 3972 | 3931 | 3893 | 3857 | 3832 | 3814 | 3810 | 3814 | 3828 | 3840 | 3851 | 3858 | 3860 | 3857 |
| 35 | 4235 | 4244 | 4235 | 4201 | 4158 | 4105 | 4050 | 3996 | 3956 | 3934 | 3931 | 3949 | 3979 | 4011 | 4044 | 4065 | 4083 | 4087 | 4088 |
| 40 | 4465 | 4478 | 4462 | 4409 | 4351 | 4278 | 4213 | 4157 | 4128 | 4131 | 4160 | 4193 | 4232 | 4263 | 4295 | 4313 | 4326 | 4330 | 4327 |
| 45 | 4657 | 4660 | 4634 | 4577 | 4529 | 4470 | 4432 | 4414 | 4423 | 4426 | 4430 | 4427 | 4422 | 4421 | 4416 | 4416 | 4409 | 4408 | 4398 |
| 50 | 4904 | 4891 | 4854 | 4802 | 4778 | 4776 | 4798 | 4782 | 4735 | 4653 | 4556 | 4467 | 4375 | 4311 | 4241 | 4209 | 4168 | 4163 | 4143 |
| 55 | 5272 | 5249 | 5218 | 5196 | 5269 | 5286 | 5202 | 5059 | 4863 | 4615 | 4332 | 4107 | 3877 | 3726 | 3566 | 3494 | 3406 | 3400 | 3362 |
| 60 | 5993 | 5972 | 6010 | 6063 | 6030 | 5781 | 5454 | 5042 | 4523 | 4016 | 3461 | 3045 | 2633 | 2399 | 2154 | 2063 | 1948 | 1945 | 1901 |
| 65 | 7133 | 7364 | 7410 | 7130 | 6762 | 6093 | 5269 | 4549 | 3427 | 2352 | 1397 | 981 | 834 | 828 | 730 | 709 | 602 | 633 | 572 |
| 70 | 6709 | 7049 | 7212 | 6712 | 6221 | 5527 | 4195 | 2720 | 896 | 393 | 326 | 307 | 282 | 248 | 209 | 213 | 213 | 222 | 223 |
| 75 | 3210 | 3790 | 3796 | 3862 | 3401 | 2637 | 1491 | 502 | 207 | 180 | 158 | 146 | 130 | 121 | 115 | 121 | 127 | 135 | 134 |
| 80 | 532 | 876 | 884 | 932 | 652 | 316 | 174 | 125 | 95.8 | 78.4 | 68.6 | 69.6 | 66.4 | 64.3 | 62.9 | 65.9 | 65.5 | 64.3 | 61.8 |
| 85 | 19.3 | 30.0 | 43.8 | 59.4 | 56.9 | 54.2 | 39.7 | 31.1 | 23.3 | 22.3 | 23.2 | 23.7 | 22.7 | 22.2 | 20.3 | 21.1 | 19.6 | 18.4 | 10.1 |
| 90 | 1.70 | 1.46 | 1.28 | 0.98 | 0.82 | 0.63 | 0.51 | 0.63 | 0.49 | 0.61 | 0.53 | 0.56 | 0.52 | 0.63 | 0.52 | 0.52 | 0.49 | 0.39 | 0.33 |
| 95 | 3.93 | 3.35 | 2.91 | 2.27 | 1.70 | 1.21 | 0.75 | 0.55 | 0.42 | 0.42 | 0.38 | 0.39 | 0.37 | 0.37 | 0.34 | 0.34 | 0.33 | 0.34 | 0.31 |
| 100 | 6.63 | 5.95 | 5.24 | 4.21 | 3.30 | 2.43 | 1.70 | 1.15 | 0.74 | 0.63 | 0.51 | 0.56 | 0.48 | 0.51 | 0.44 | 0.49 | 0.40 | 0.48 | 0.39 |
| 105 | 8.98 | 8.30 | 7.44 | 6.23 | 5.07 | 3.95 | 2.89 | 2.13 | 1.48 | 1.15 | 0.90 | 0.91 | 0.82 | 0.84 | 0.77 | 0.81 | 0.70 | 0.78 | 0.70 |
| 110 | 10.4 | 9.87 | 8.95 | 7.77 | 6.56 | 5.37 | 4.20 | 3.24 | 2.44 | 1.93 | 1.53 | 1.44 | 1.30 | 1.33 | 1.22 | 1.26 | 1.17 | 1.24 | 1.16 |
| 115 | 11.2 | 10.8 | 9.99 | 8.93 | 7.72 | 6.57 | 5.44 | 4.45 | 3.48 | 2.83 | 2.31 | 2.11 | 1.89 | 1.90 | 1.79 | 1.84 | 1.74 | 1.80 | 1.71 |
| 120 | 11.4 | 11.0 | 10.5 | 9.70 | 8.67 | 7.65 | 6.49 | 5.48 | 4.47 | 3.74 | 3.13 | 2.82 | 2.54 | 2.50 | 2.37 | 2.42 | 2.33 | 2.40 | 2.32 |
| 125 | 10.9 | 10.6 | 10.3 | 9.64 | 8.89 | 8.07 | 7.12 | 6.21 | 5.27 | 4.57 | 3.91 | 3.53 | 3.19 | 3.11 | 2.95 | 2.99 | 2.89 | 2.96 | 2.88 |
| 130 | 10.1 | 9.85 | 9.70 | 9.18 | 8.77 | 8.00 | 7.32 | 6.64 | 5.82 | 5.21 | 4.55 | 4.18 | 3.80 | 3.63 | 3.45 | 3.46 | 3.34 | 3.42 | 3.32 |
| 135 | 9.41 | 9.16 | 9.10 | 8.68 | 8.46 | 7.92 | 7.34 | 6.86 | 6.21 | 5.71 | 5.10 | 4.73 | 4.31 | 4.14 | 3.88 | 3.87 | 3.73 | 3.77 | 3.69 |
| 140 | 8.93 | 8.70 | 8.71 | 8.37 | 8.29 | 7.91 | 7.40 | 7.07 | 6.50 | 6.12 | 5.58 | 5.26 | 4.84 | 4.65 | 4.36 | 4.33 | 4.15 | 4.20 | 4.15 |
| 145 | 8.66 | 8.49 | 8.51 | 8.35 | 8.20 | 7.93 | 7.49 | 7.25 | 6.82 | 6.50 | 6.02 | 5.76 | 5.37 | 5.19 | 4.92 | 4.85 | 4.67 | 4.72 | 4.66 |
| 150 | 8.54 | 8.46 | 8.48 | 8.34 | 8.21 | 8.02 | 7.66 | 7.48 | 7.08 | 6.87 | 6.48 | 6.28 | 5.91 | 5.80 | 5.53 | 5.49 | 5.33 | 5.38 | 5.33 |
| 155 | 8.51 | 8.48 | 8.49 | 8.42 | 8.26 | 8.16 | 7.86 | 7.73 | 7.38 | 7.23 | 6.90 | 6.78 | 6.48 | 6.41 | 6.20 | 6.17 | 6.03 | 6.10 | 6.03 |
| 160 | 8.50 | 8.59 | 8.53 | 8.59 | 8.39 | 8.35 | 8.09 | 7.99 | 7.70 | 7.63 | 7.34 | 7.29 | 7.06 | 7.05 | 6.87 | 6.89 | 6.76 | 6.83 | 6.73 |
| 165 | 8.63 | 8.78 | 8.75 | 8.76 | 8.58 | 8.57 | 8.34 | 8.29 | 8.06 | 8.04 | 7.84 | 7.85 | 7.66 | 7.69 | 7.55 | 7.59 | 7.48 | 7.55 | 7.48 |
| 170 | 8.89 | 9.07 | 8.99 | 8.96 | 8.80 | 8.78 | 8.60 | 8.62 | 8.45 | 8.51 | 8.34 | 8.39 | 8.26 | 8.33 | 8.21 | 8.29 | 8.19 | 8.30 | 8.20 |
| 175 | 9.22 | 9.34 | 9.21 | 9.21 | 9.04 | 9.08 | 8.94 | 9.01 | 8.87 | 8.96 | 8.84 | 8.91 | 8.81 | 8.91 | 8.83 | 8.90 | 8.80 | 8.90 | 8.79 |
| 180 | 9.54 | 9.53 | 9.36 | 9.35 | 9.25 | 9.26 | 9.25 | 9.26 | 9.25 | 9.27 | 9.23 | 9.25 | 9.25 | 9.29 | 9.31 | 9.32 | 9.30 | 9.33 | 9.29 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | |
| NAME: Skylite | TYPE: LED | WEIGHT: 2.3 |
| SPEC.: AL6740084 80w4000K 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 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 |
| 5 | 3553 | 3548 | 3545 | 3539 | 3535 | 3528 | 3522 | 3514 | 3507 | 3499 | 3491 | 3481 | 3471 | 3460 | 3450 | 3438 | 3426 | 3412 | 3398 |
| 10 | 3615 | 3607 | 3604 | 3596 | 3592 | 3582 | 3575 | 3565 | 3555 | 3543 | 3532 | 3518 | 3503 | 3488 | 3471 | 3453 | 3433 | 3407 | 3383 |
| 15 | 3643 | 3634 | 3629 | 3620 | 3615 | 3606 | 3600 | 3589 | 3582 | 3571 | 3562 | 3550 | 3538 | 3523 | 3505 | 3485 | 3460 | 3426 | 3392 |
| 20 | 3673 | 3662 | 3656 | 3645 | 3637 | 3624 | 3614 | 3602 | 3596 | 3589 | 3585 | 3581 | 3574 | 3566 | 3552 | 3537 | 3511 | 3473 | 3432 |
| 25 | 3723 | 3711 | 3700 | 3683 | 3668 | 3649 | 3636 | 3623 | 3617 | 3613 | 3614 | 3618 | 3622 | 3625 | 3621 | 3614 | 3591 | 3547 | 3502 |
| 30 | 3846 | 3831 | 3807 | 3778 | 3748 | 3714 | 3685 | 3663 | 3651 | 3647 | 3654 | 3666 | 3682 | 3698 | 3708 | 3711 | 3696 | 3652 | 3605 |
| 35 | 4073 | 4054 | 4019 | 3977 | 3922 | 3865 | 3805 | 3756 | 3722 | 3709 | 3712 | 3730 | 3752 | 3780 | 3804 | 3823 | 3822 | 3783 | 3737 |
| 40 | 4317 | 4300 | 4271 | 4229 | 4172 | 4108 | 4029 | 3955 | 3882 | 3835 | 3815 | 3829 | 3858 | 3899 | 3936 | 3970 | 3978 | 3941 | 3892 |
| 45 | 4401 | 4393 | 4391 | 4373 | 4352 | 4318 | 4274 | 4219 | 4146 | 4073 | 4008 | 3986 | 3996 | 4037 | 4078 | 4121 | 4140 | 4109 | 4061 |
| 50 | 4166 | 4173 | 4212 | 4231 | 4273 | 4303 | 4344 | 4369 | 4379 | 4368 | 4321 | 4268 | 4219 | 4221 | 4240 | 4288 | 4322 | 4306 | 4267 |
| 55 | 3415 | 3433 | 3532 | 3602 | 3742 | 3864 | 4036 | 4185 | 4359 | 4491 | 4581 | 4634 | 4635 | 4587 | 4529 | 4567 | 4602 | 4593 | 4569 |
| 60 | 1978 | 2001 | 2152 | 2263 | 2516 | 2739 | 3087 | 3425 | 3822 | 4164 | 4541 | 4839 | 5059 | 5226 | 5194 | 5146 | 5155 | 5136 | 5131 |
| 65 | 650 | 631 | 758 | 795 | 906 | 959 | 1128 | 1559 | 2321 | 3134 | 4023 | 4624 | 5313 | 5907 | 6246 | 6467 | 6414 | 6275 | 6082 |
| 70 | 228 | 226 | 231 | 247 | 283 | 324 | 360 | 392 | 467 | 829 | 2319 | 3767 | 5117 | 5917 | 6661 | 7145 | 7302 | 6767 | 6428 |
| 75 | 139 | 135 | 131 | 126 | 137 | 151 | 175 | 198 | 231 | 265 | 385 | 1423 | 2760 | 3807 | 4457 | 4482 | 4494 | 4092 | 3617 |
| 80 | 65.6 | 67.6 | 69.4 | 67.3 | 71.2 | 75.7 | 83.1 | 85.0 | 95.1 | 112 | 142 | 217 | 423 | 915 | 1269 | 1350 | 1264 | 1049 | 705 |
| 85 | 18.2 | 20.6 | 22.8 | 22.1 | 25.2 | 26.0 | 27.9 | 27.5 | 28.1 | 29.0 | 38.6 | 53.3 | 77.3 | 94.7 | 109 | 85.3 | 61.2 | 38.6 | 34.3 |
| 90 | 0.34 | 0.53 | 0.58 | 0.61 | 0.63 | 0.66 | 0.72 | 0.75 | 0.86 | 0.85 | 1.07 | 0.97 | 1.23 | 1.28 | 1.68 | 3.39 | 12.4 | 2.54 | 2.41 |
| 95 | 0.36 | 0.38 | 0.36 | 0.38 | 0.39 | 0.40 | 0.42 | 0.45 | 0.48 | 0.50 | 0.63 | 0.88 | 1.34 | 1.91 | 2.38 | 4.79 | 14.0 | 4.42 | 4.79 |
| 100 | 0.48 | 0.39 | 0.49 | 0.42 | 0.54 | 0.48 | 0.59 | 0.51 | 0.66 | 0.83 | 1.38 | 2.10 | 2.94 | 3.89 | 4.68 | 6.27 | 16.2 | 7.43 | 7.87 |
| 105 | 0.76 | 0.70 | 0.80 | 0.75 | 0.85 | 0.81 | 0.91 | 0.90 | 1.22 | 1.73 | 2.63 | 3.73 | 4.92 | 6.15 | 7.20 | 8.54 | 14.9 | 10.2 | 10.6 |
| 110 | 1.23 | 1.16 | 1.26 | 1.20 | 1.31 | 1.29 | 1.44 | 1.58 | 2.11 | 2.89 | 4.02 | 5.33 | 6.68 | 7.96 | 9.13 | 10.5 | 13.1 | 12.0 | 12.3 |
| 115 | 1.81 | 1.73 | 1.82 | 1.77 | 1.89 | 1.88 | 2.11 | 2.45 | 3.18 | 4.17 | 5.41 | 6.66 | 7.91 | 9.02 | 10.1 | 11.8 | 13.7 | 12.9 | 13.0 |
| 120 | 2.40 | 2.34 | 2.44 | 2.36 | 2.51 | 2.56 | 2.91 | 3.40 | 4.29 | 5.26 | 6.38 | 7.37 | 8.35 | 9.31 | 10.2 | 13.1 | 13.8 | 12.8 | 13.1 |
| 125 | 2.97 | 2.90 | 3.00 | 2.95 | 3.12 | 3.26 | 3.73 | 4.32 | 5.18 | 5.92 | 6.80 | 7.55 | 8.33 | 9.29 | 10.1 | 12.7 | 14.3 | 12.1 | 12.3 |
| 130 | 3.43 | 3.35 | 3.47 | 3.47 | 3.71 | 3.94 | 4.48 | 5.01 | 5.71 | 6.24 | 6.96 | 7.57 | 8.33 | 9.24 | 9.96 | 10.8 | 16.6 | 11.0 | 11.2 |
| 135 | 3.81 | 3.80 | 3.94 | 3.98 | 4.29 | 4.55 | 5.07 | 5.49 | 6.06 | 6.47 | 7.12 | 7.65 | 8.33 | 9.13 | 9.67 | 11.2 | 17.4 | 10.2 | 10.4 |
| 140 | 4.27 | 4.26 | 4.43 | 4.52 | 4.84 | 5.09 | 5.55 | 5.85 | 6.37 | 6.71 | 7.29 | 7.72 | 8.33 | 8.95 | 9.34 | 9.83 | 10.1 | 9.65 | 9.80 |
| 145 | 4.80 | 4.81 | 5.02 | 5.12 | 5.41 | 5.59 | 5.99 | 6.22 | 6.67 | 6.94 | 7.45 | 7.81 | 8.33 | 8.78 | 9.04 | 10.5 | 10.3 | 9.23 | 9.42 |
| 150 | 5.46 | 5.46 | 5.67 | 5.70 | 5.96 | 6.09 | 6.41 | 6.60 | 6.98 | 7.21 | 7.64 | 7.91 | 8.35 | 8.69 | 8.88 | 9.21 | 11.8 | 8.99 | 9.18 |
| 155 | 6.14 | 6.13 | 6.29 | 6.29 | 6.51 | 6.56 | 6.87 | 7.00 | 7.34 | 7.52 | 7.87 | 8.06 | 8.42 | 8.67 | 8.87 | 9.09 | 9.21 | 8.97 | 9.04 |
| 160 | 6.84 | 6.80 | 6.93 | 6.92 | 7.10 | 7.13 | 7.37 | 7.45 | 7.75 | 7.83 | 8.11 | 8.21 | 8.52 | 8.67 | 8.87 | 9.04 | 9.21 | 8.98 | 9.00 |
| 165 | 7.58 | 7.51 | 7.65 | 7.60 | 7.76 | 7.75 | 7.93 | 7.96 | 8.16 | 8.21 | 8.42 | 8.45 | 8.68 | 8.73 | 8.94 | 9.04 | 9.24 | 9.08 | 9.00 |
| 170 | 8.29 | 8.21 | 8.34 | 8.26 | 8.39 | 8.35 | 8.48 | 8.43 | 8.61 | 8.58 | 8.75 | 8.74 | 8.91 | 8.89 | 9.08 | 10.2 | 13.0 | 9.24 | 9.07 |
| 175 | 8.90 | 8.79 | 8.91 | 8.82 | 8.93 | 8.85 | 8.97 | 8.88 | 9.02 | 8.95 | 9.08 | 9.02 | 9.14 | 9.10 | 9.26 | 10.3 | 15.5 | 9.48 | 9.28 |
| 180 | 9.34 | 9.29 | 9.32 | 9.28 | 9.30 | 9.27 | 9.28 | 9.26 | 9.27 | 9.25 | 9.28 | 9.26 | 9.28 | 9.30 | 9.36 | 10.4 | 15.0 | 9.52 | 9.50 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | WEIGHT: 2.3 | | | | |
| SPEC.: AL6740084 80w4000K 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 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 |
| 5 | 3385 | 3372 | 3358 | 3344 | 3330 | 3316 | 3303 | 3291 | 3281 | 3270 | 3263 | 3256 | 3253 | 3248 | 3248 | 3247 | 3251 | 3253 | 3261 |
| 10 | 3356 | 3327 | 3297 | 3267 | 3236 | 3207 | 3178 | 3150 | 3124 | 3099 | 3079 | 3059 | 3046 | 3034 | 3030 | 3027 | 3031 | 3037 | 3053 |
| 15 | 3353 | 3313 | 3265 | 3219 | 3168 | 3118 | 3067 | 3018 | 2972 | 2926 | 2886 | 2848 | 2820 | 2795 | 2783 | 2774 | 2781 | 2791 | 2816 |
| 20 | 3381 | 3326 | 3260 | 3192 | 3119 | 3046 | 2969 | 2895 | 2822 | 2749 | 2683 | 2617 | 2564 | 2517 | 2491 | 2472 | 2478 | 2490 | 2528 |
| 25 | 3441 | 3371 | 3287 | 3199 | 3099 | 2997 | 2885 | 2769 | 2650 | 2530 | 2425 | 2320 | 2243 | 2174 | 2136 | 2105 | 2107 | 2116 | 2161 |
| 30 | 3533 | 3452 | 3347 | 3236 | 3103 | 2958 | 2794 | 2620 | 2446 | 2272 | 2121 | 1989 | 1897 | 1822 | 1780 | 1747 | 1746 | 1754 | 1795 |
| 35 | 3655 | 3562 | 3437 | 3295 | 3115 | 2908 | 2674 | 2430 | 2198 | 1980 | 1812 | 1680 | 1603 | 1553 | 1528 | 1510 | 1509 | 1514 | 1538 |
| 40 | 3804 | 3704 | 3556 | 3383 | 3148 | 2871 | 2554 | 2230 | 1943 | 1714 | 1589 | 1515 | 1471 | 1442 | 1426 | 1417 | 1416 | 1422 | 1435 |
| 45 | 3971 | 3867 | 3705 | 3492 | 3190 | 2821 | 2402 | 2002 | 1715 | 1576 | 1497 | 1443 | 1404 | 1381 | 1368 | 1362 | 1359 | 1361 | 1370 |
| 50 | 4183 | 4080 | 3890 | 3620 | 3237 | 2747 | 2203 | 1770 | 1584 | 1479 | 1407 | 1363 | 1341 | 1331 | 1327 | 1326 | 1323 | 1320 | 1319 |
| 55 | 4499 | 4392 | 4142 | 3767 | 3238 | 2540 | 1858 | 1552 | 1411 | 1316 | 1272 | 1250 | 1248 | 1248 | 1254 | 1254 | 1253 | 1242 | 1234 |
| 60 | 5028 | 4823 | 4393 | 3808 | 2992 | 1987 | 1404 | 1191 | 1092 | 1039 | 1038 | 1034 | 1016 | 961 | 929 | 890 | 887 | 872 | 894 |
| 65 | 5790 | 5270 | 4486 | 3539 | 2194 | 988 | 750 | 647 | 635 | 632 | 619 | 551 | 500 | 460 | 445 | 423 | 422 | 414 | 427 |
| 70 | 5810 | 5153 | 3886 | 1930 | 566 | 308 | 295 | 275 | 279 | 251 | 195 | 165 | 162 | 173 | 192 | 197 | 200 | 194 | 187 |
| 75 | 3109 | 1986 | 1145 | 281 | 157 | 141 | 138 | 125 | 118 | 104 | 97.9 | 94.0 | 94.2 | 91.7 | 95.2 | 93.8 | 94.6 | 92.9 | 94.4 |
| 80 | 344 | 178 | 123 | 87.1 | 68.8 | 59.9 | 56.8 | 53.3 | 55.9 | 53.5 | 52.9 | 54.2 | 56.6 | 57.6 | 57.0 | 53.2 | 53.0 | 52.4 | 55.9 |
| 85 | 36.6 | 30.6 | 25.5 | 17.2 | 14.0 | 12.9 | 11.9 | 10.9 | 12.4 | 12.5 | 14.9 | 12.7 | 12.1 | 10.5 | 9.89 | 7.19 | 8.62 | 7.12 | 9.52 |
| 90 | 2.43 | 2.26 | 1.95 | 1.68 | 1.24 | 0.89 | 0.60 | 0.46 | 0.39 | 0.39 | 0.32 | 0.34 | 0.31 | 0.32 | 0.29 | 0.31 | 0.29 | 0.29 | 0.32 |
| 95 | 4.73 | 4.64 | 4.15 | 3.61 | 2.86 | 2.16 | 1.46 | 0.88 | 0.60 | 0.44 | 0.45 | 0.35 | 0.43 | 0.31 | 0.41 | 0.32 | 0.39 | 0.32 | 0.40 |
| 100 | 7.79 | 7.59 | 6.95 | 6.23 | 5.18 | 4.24 | 3.15 | 2.26 | 1.53 | 1.06 | 0.91 | 0.75 | 0.78 | 0.66 | 0.71 | 0.64 | 0.68 | 0.62 | 0.70 |
| 105 | 10.5 | 10.1 | 9.44 | 8.57 | 7.46 | 6.39 | 5.24 | 4.23 | 3.24 | 2.52 | 2.06 | 1.80 | 1.68 | 1.55 | 1.51 | 1.45 | 1.48 | 1.46 | 1.55 |
| 110 | 12.2 | 11.8 | 11.1 | 10.3 | 9.28 | 8.25 | 7.19 | 6.22 | 5.25 | 4.48 | 3.85 | 3.48 | 3.22 | 3.07 | 2.95 | 2.90 | 2.88 | 2.91 | 2.97 |
| 115 | 13.0 | 12.6 | 12.1 | 11.4 | 10.6 | 9.77 | 8.88 | 8.00 | 7.13 | 6.44 | 5.82 | 5.45 | 5.14 | 4.97 | 4.83 | 4.79 | 4.74 | 4.79 | 4.80 |
| 120 | 12.9 | 12.7 | 12.2 | 11.7 | 11.0 | 10.4 | 9.93 | 9.29 | 8.72 | 8.17 | 7.68 | 7.36 | 7.09 | 6.94 | 6.81 | 6.82 | 6.73 | 6.76 | 6.76 |
| 125 | 12.1 | 12.0 | 11.7 | 11.4 | 10.9 | 10.5 | 10.2 | 9.87 | 9.68 | 9.38 | 9.17 | 8.97 | 8.84 | 8.71 | 8.66 | 8.65 | 8.61 | 8.59 | 8.60 |
| 130 | 11.2 | 11.2 | 10.9 | 10.9 | 10.5 | 10.4 | 10.1 | 10.0 | 9.85 | 9.86 | 9.89 | 9.83 | 9.89 | 9.84 | 9.90 | 9.88 | 9.93 | 9.87 | 9.87 |
| 135 | 10.4 | 10.4 | 10.3 | 10.3 | 10.1 | 10.2 | 9.95 | 10.0 | 9.87 | 9.90 | 9.92 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.3 | 10.3 | 10.3 |
| 140 | 9.78 | 9.89 | 9.82 | 9.92 | 9.78 | 9.89 | 9.72 | 9.85 | 9.73 | 9.87 | 9.85 | 10.0 | 10.1 | 10.2 | 10.2 | 10.4 | 10.3 | 10.3 | 10.2 |
| 145 | 9.37 | 9.49 | 9.42 | 9.60 | 9.50 | 9.64 | 9.52 | 9.69 | 9.61 | 9.79 | 9.72 | 9.95 | 9.91 | 10.1 | 10.0 | 10.2 | 10.0 | 10.1 | 9.94 |
| 150 | 9.15 | 9.27 | 9.22 | 9.37 | 9.27 | 9.45 | 9.39 | 9.54 | 9.57 | 9.68 | 9.62 | 9.83 | 9.77 | 9.94 | 9.87 | 9.98 | 9.85 | 9.92 | 9.74 |
| 155 | 9.07 | 9.15 | 9.18 | 9.28 | 9.26 | 9.35 | 9.34 | 9.47 | 9.40 | 9.60 | 9.55 | 9.73 | 9.68 | 9.82 | 9.72 | 9.86 | 9.71 | 9.80 | 9.61 |
| 160 | 9.06 | 9.10 | 9.17 | 9.24 | 9.27 | 9.32 | 9.34 | 9.41 | 9.37 | 9.51 | 9.51 | 9.64 | 9.57 | 9.73 | 9.60 | 9.73 | 9.60 | 9.70 | 9.57 |
| 165 | 9.10 | 9.10 | 9.19 | 9.24 | 9.28 | 9.32 | 9.36 | 9.41 | 9.37 | 9.49 | 9.50 | 9.60 | 9.55 | 9.66 | 9.55 | 9.67 | 9.55 | 9.66 | 9.56 |
| 170 | 9.18 | 9.13 | 9.26 | 9.25 | 9.33 | 9.32 | 9.37 | 9.41 | 9.37 | 9.49 | 9.44 | 9.58 | 9.55 | 9.62 | 9.52 | 9.65 | 9.53 | 9.63 | 9.48 |
| 175 | 9.33 | 9.21 | 9.34 | 9.28 | 9.34 | 9.36 | 9.36 | 9.41 | 9.37 | 9.48 | 9.39 | 9.52 | 9.42 | 9.56 | 9.45 | 9.57 | 9.46 | 9.57 | 9.43 |
| 180 | 9.42 | 9.30 | 9.35 | 9.31 | 9.31 | 9.35 | 9.33 | 9.35 | 9.33 | 9.35 | 9.33 | 9.37 | 9.36 | 9.39 | 9.38 | 9.40 | 9.38 | 9.40 | 9.38 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:220.82V I:0.3634A P:78.476W PF:0.9780 Freq:50.00Hz Lamp Flux:14458x1 lm | | | | | | | | | | | | | | | | | |
| NAME: Skylite | | | | | | | | | TYPE: LED | | | | | | WEIGHT: 2.3 | | |
| SPEC.: AL6740084 80w4000K 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 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | 3439 | | | | |
| 5 | 3267 | 3276 | 3285 | 3298 | 3309 | 3324 | 3338 | 3354 | 3370 | 3386 | 3402 | 3418 | 3433 | 3448 | 3461 | | | | |
| 10 | 3068 | 3091 | 3114 | 3142 | 3170 | 3203 | 3236 | 3271 | 3305 | 3340 | 3375 | 3409 | 3442 | 3472 | 3498 | | | | |
| 15 | 2842 | 2881 | 2921 | 2971 | 3023 | 3081 | 3139 | 3200 | 3261 | 3321 | 3380 | 3434 | 3487 | 3531 | 3572 | | | | |
| 20 | 2568 | 2633 | 2700 | 2784 | 2868 | 2961 | 3054 | 3149 | 3241 | 3329 | 3414 | 3490 | 3564 | 3623 | 3676 | | | | |
| 25 | 2215 | 2306 | 2409 | 2540 | 2674 | 2822 | 2964 | 3102 | 3234 | 3358 | 3479 | 3583 | 3680 | 3755 | 3822 | | | | |
| 30 | 1851 | 1949 | 2069 | 2235 | 2420 | 2631 | 2837 | 3045 | 3242 | 3417 | 3577 | 3711 | 3831 | 3921 | 3997 | | | | |
| 35 | 1573 | 1639 | 1740 | 1907 | 2119 | 2385 | 2670 | 2968 | 3246 | 3488 | 3700 | 3867 | 4007 | 4107 | 4188 | | | | |
| 40 | 1461 | 1502 | 1561 | 1654 | 1817 | 2108 | 2463 | 2865 | 3249 | 3578 | 3848 | 4052 | 4212 | 4331 | 4418 | | | | |
| 45 | 1390 | 1425 | 1478 | 1551 | 1651 | 1827 | 2200 | 2707 | 3221 | 3653 | 3994 | 4232 | 4406 | 4521 | 4609 | | | | |
| 50 | 1325 | 1345 | 1380 | 1439 | 1528 | 1658 | 1889 | 2464 | 3159 | 3733 | 4162 | 4461 | 4663 | 4770 | 4857 | | | | |
| 55 | 1223 | 1223 | 1227 | 1257 | 1312 | 1427 | 1586 | 1981 | 2885 | 3725 | 4322 | 4747 | 5031 | 5152 | 5226 | | | | |
| 60 | 910 | 954 | 964 | 966 | 968 | 1028 | 1136 | 1376 | 2206 | 3401 | 4302 | 4984 | 5484 | 5745 | 5765 | | | | |
| 65 | 431 | 454 | 487 | 547 | 559 | 557 | 572 | 664 | 933 | 2408 | 3920 | 4928 | 5797 | 6433 | 6328 | | | | |
| 70 | 167 | 156 | 159 | 183 | 223 | 252 | 252 | 274 | 296 | 734 | 2010 | 3895 | 5105 | 5716 | 5769 | | | | |
| 75 | 90.4 | 91.9 | 92.8 | 97.8 | 106 | 120 | 125 | 134 | 140 | 158 | 295 | 1023 | 1496 | 2519 | 2941 | | | | |
| 80 | 56.6 | 55.7 | 53.5 | 51.8 | 52.6 | 56.0 | 50.8 | 52.6 | 63.0 | 70.9 | 82.4 | 111 | 130 | 170 | 359 | | | | |
| 85 | 9.84 | 11.5 | 11.4 | 12.9 | 10.8 | 10.9 | 9.41 | 9.99 | 10.6 | 12.8 | 15.2 | 20.2 | 19.3 | 20.6 | 17.1 | | | | |
| 90 | 0.32 | 0.36 | 0.34 | 0.33 | 0.37 | 0.39 | 0.44 | 0.60 | 0.85 | 1.27 | 1.68 | 2.04 | 2.38 | 2.50 | 4.04 | | | | |
| 95 | 0.34 | 0.43 | 0.42 | 0.48 | 0.45 | 0.65 | 0.89 | 1.41 | 2.04 | 2.74 | 3.51 | 4.17 | 4.81 | 5.10 | 6.77 | | | | |
| 100 | 0.69 | 0.80 | 0.81 | 0.97 | 1.12 | 1.54 | 2.10 | 2.85 | 3.80 | 4.69 | 5.69 | 6.56 | 7.37 | 7.91 | 9.74 | | | | |
| 105 | 1.60 | 1.73 | 1.86 | 2.13 | 2.50 | 3.04 | 3.80 | 4.63 | 5.59 | 6.55 | 7.58 | 8.55 | 9.49 | 10.2 | 12.2 | | | | |
| 110 | 3.09 | 3.24 | 3.49 | 3.80 | 4.30 | 4.86 | 5.59 | 6.39 | 7.23 | 8.16 | 9.12 | 10.1 | 10.9 | 11.7 | 13.6 | | | | |
| 115 | 4.94 | 5.08 | 5.35 | 5.67 | 6.09 | 6.62 | 7.25 | 8.00 | 8.82 | 9.69 | 10.5 | 11.2 | 11.7 | 12.2 | 14.1 | | | | |
| 120 | 6.85 | 6.98 | 7.20 | 7.44 | 7.79 | 8.20 | 8.73 | 9.38 | 10.0 | 10.7 | 11.2 | 11.6 | 11.9 | 12.1 | 14.1 | | | | |
| 125 | 8.62 | 8.70 | 8.83 | 8.99 | 9.19 | 9.50 | 9.77 | 10.2 | 10.4 | 10.7 | 11.0 | 11.1 | 11.3 | 11.3 | 13.4 | | | | |
| 130 | 9.83 | 9.87 | 9.86 | 9.96 | 9.96 | 10.1 | 10.1 | 10.2 | 10.4 | 10.3 | 10.4 | 10.3 | 10.3 | 10.4 | 12.7 | | | | |
| 135 | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.1 | 9.95 | 10.0 | 9.89 | 9.94 | 9.70 | 9.69 | 9.70 | 12.2 | | | | |
| 140 | 10.2 | 10.1 | 10.1 | 9.95 | 10.00 | 9.81 | 9.83 | 9.64 | 9.71 | 9.56 | 9.57 | 9.37 | 9.34 | 9.33 | 12.1 | | | | |
| 145 | 9.99 | 9.76 | 9.82 | 9.68 | 9.74 | 9.56 | 9.59 | 9.40 | 9.47 | 9.27 | 9.33 | 9.15 | 9.16 | 9.21 | 12.1 | | | | |
| 150 | 9.77 | 9.58 | 9.64 | 9.43 | 9.51 | 9.38 | 9.43 | 9.26 | 9.33 | 9.19 | 9.19 | 9.07 | 9.08 | 9.21 | 12.3 | | | | |
| 155 | 9.69 | 9.51 | 9.55 | 9.40 | 9.42 | 9.31 | 9.34 | 9.24 | 9.27 | 9.15 | 9.15 | 9.07 | 9.07 | 9.30 | 12.8 | | | | |
| 160 | 9.60 | 9.46 | 9.51 | 9.40 | 9.39 | 9.32 | 9.30 | 9.23 | 9.22 | 9.16 | 9.14 | 9.07 | 9.07 | 9.38 | 13.4 | | | | |
| 165 | 9.57 | 9.43 | 9.49 | 9.40 | 9.39 | 9.33 | 9.30 | 9.24 | 9.21 | 9.17 | 9.14 | 9.13 | 9.07 | 9.52 | 14.0 | | | | |
| 170 | 9.56 | 9.44 | 9.49 | 9.40 | 9.39 | 9.36 | 9.29 | 9.29 | 9.21 | 9.21 | 9.14 | 9.20 | 9.10 | 9.66 | 14.8 | | | | |
| 175 | 9.54 | 9.41 | 9.48 | 9.40 | 9.40 | 9.36 | 9.29 | 9.30 | 9.25 | 9.28 | 9.22 | 9.29 | 9.24 | 9.86 | 15.5 | | | | |
| 180 | 9.39 | 9.38 | 9.39 | 9.37 | 9.37 | 9.36 | 9.31 | 9.30 | 9.29 | 9.28 | 9.29 | 9.29 | 9.39 | 9.91 | 16.2 | | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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: