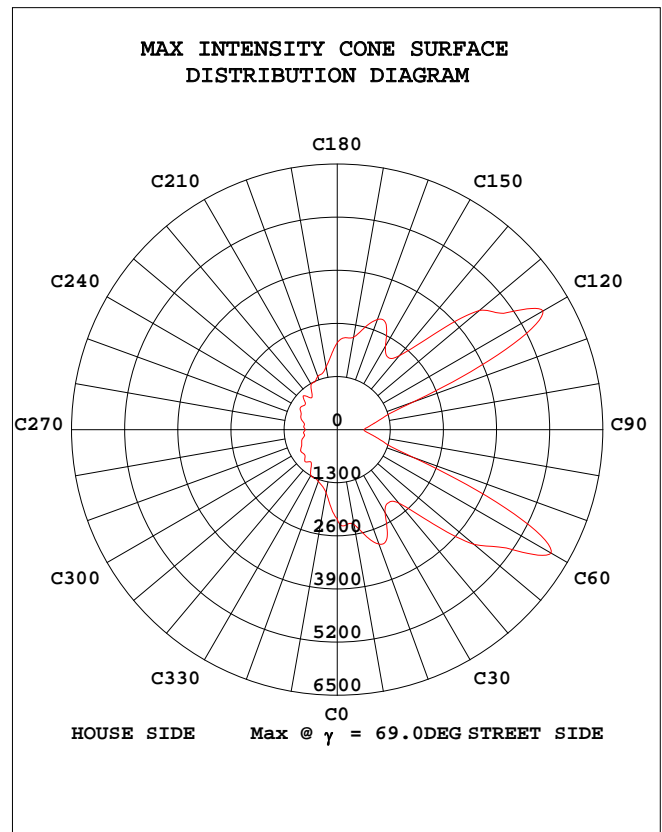
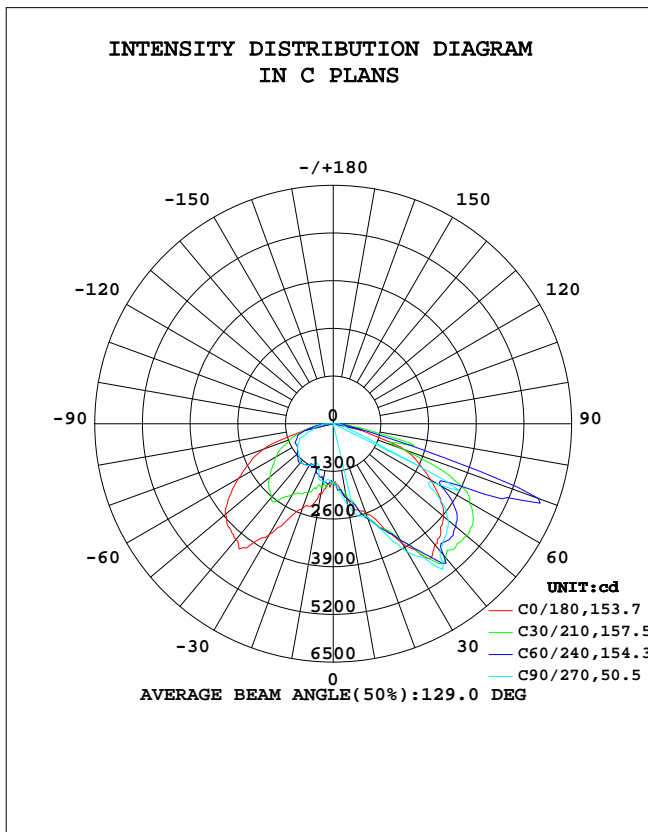


STREETLIGHT PHOTOMETRIC TEST REPORT

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

| DATA OF LAMP     |           | PHOTOMETRIC DATA Eff: 142.78 lm/W |         |                  |         |
|------------------|-----------|-----------------------------------|---------|------------------|---------|
| MODEL            | NW-G15-90 | I <sub>max</sub> (cd)             | 6044    | η street_up(%)   | 0.0     |
| NOMINAL POWER(W) | 90        | LOR(%)                            | 100.0   | η street_down(%) | 66.0    |
| RATED VOLTAGE(V) | 220       | TOTAL FLUX(lm)                    | 12983   | η house_up(%)    | 0.0     |
| NOMINAL FLUX(lm) | 12983.4   | MAXIMUM @(C,γ )                   | 60,69.0 | η house_down(%)  | 34.0    |
| LAMPS INSIDE     | 1         | η up(%)                           | 0.0     | 76 FLASHAREA(m2) | 0.05000 |
| TEST VOLTAGE(V)  | 220       | η down(%)                         | 100.0   | SLI              | 22.058  |

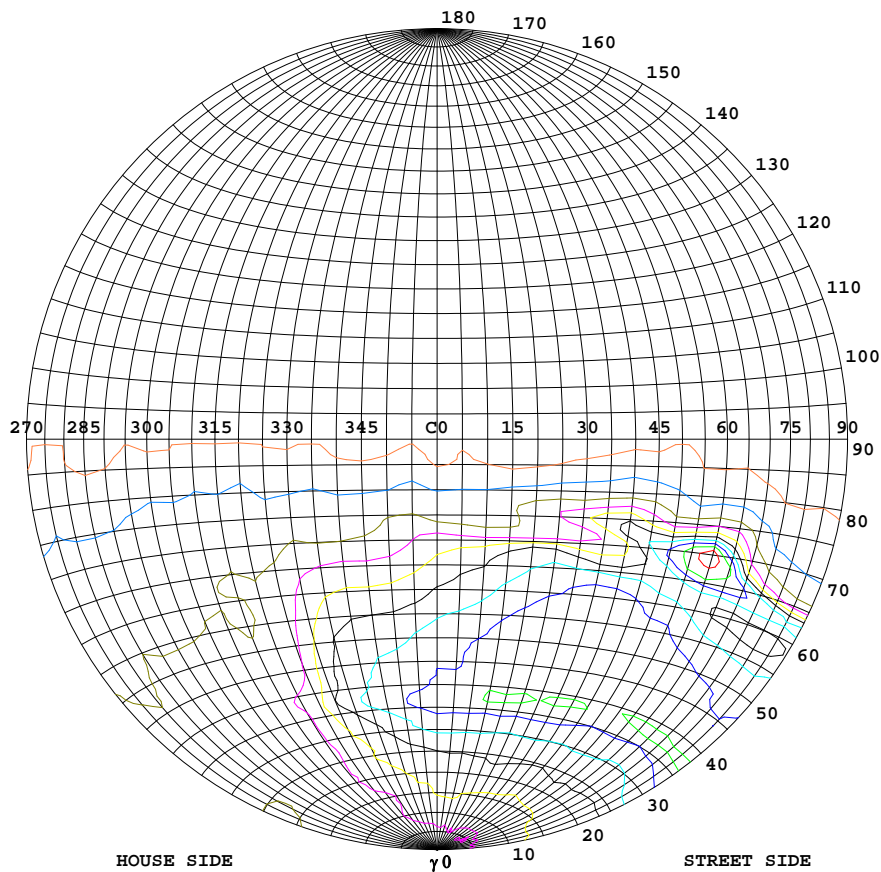


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |



Classification:

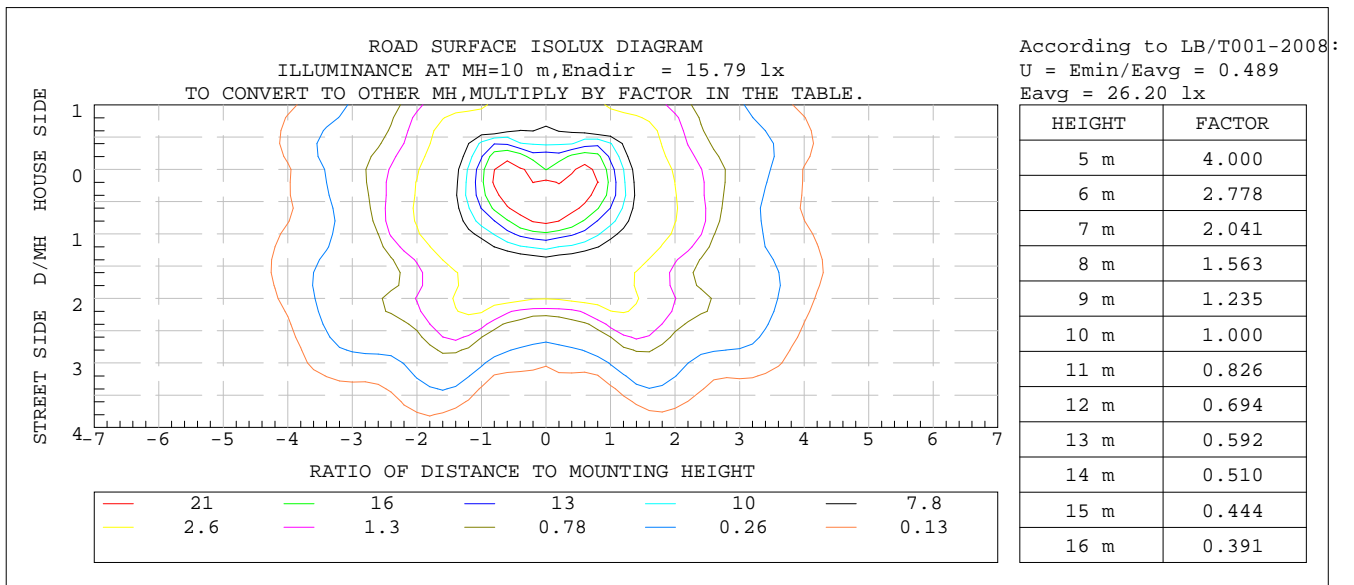
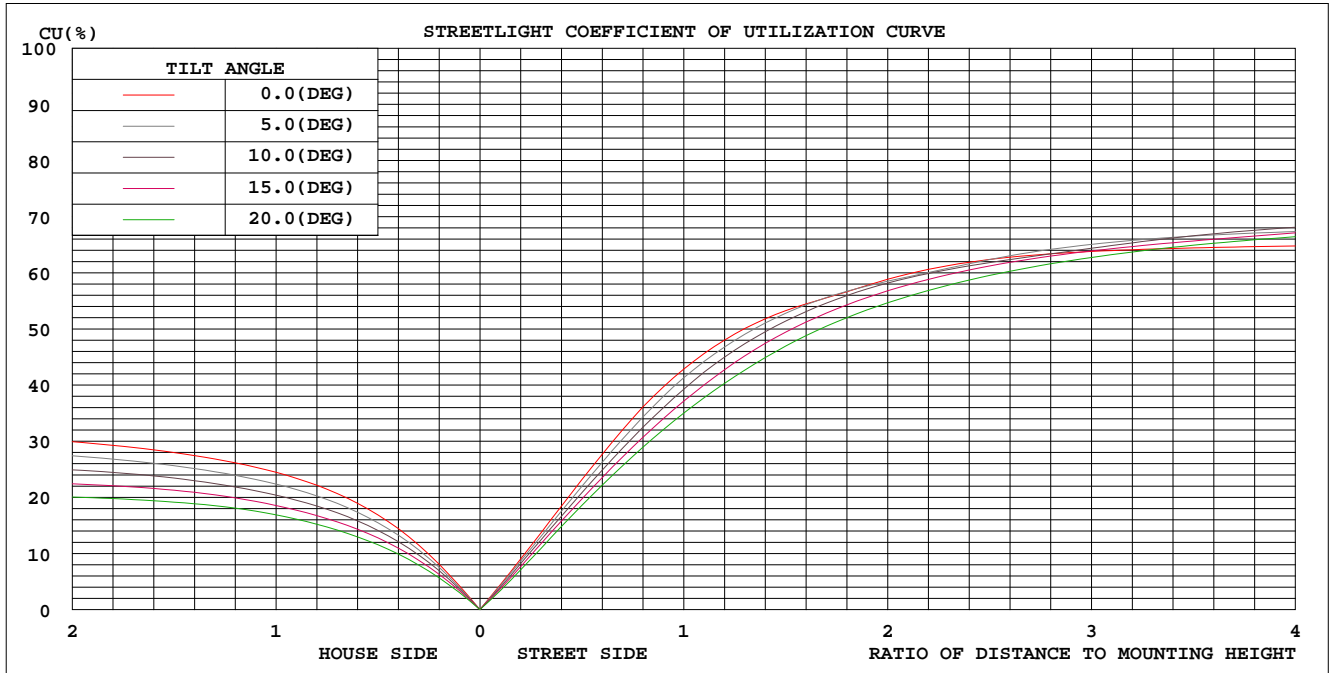
IES:Type IV - Short  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:80.18cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:80.18cd/klm  
 NRB 5101:Semi limited[13.2%]

| ISOCANDELA DIAGRAM |      |
|--------------------|------|
| UNIT               | cd   |
| Imax=100%          | 6044 |
| 90%                | 5439 |
| 80%                | 4835 |
| 70%                | 4231 |
| 60%                | 3626 |
| 50%                | 3022 |
| 40%                | 2418 |
| 30%                | 1813 |
| 20%                | 1209 |
| 10%                | 604  |
| 5%                 | 302  |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature: 28.6DEG  
 Operators:  
 Test Date:23 June 2019

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
 Humidity: 52.2%  
 Test Distance:26.000m [K=1.0000]  
 Remarks:

# COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date: 23 June 2019

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance: 26.000m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

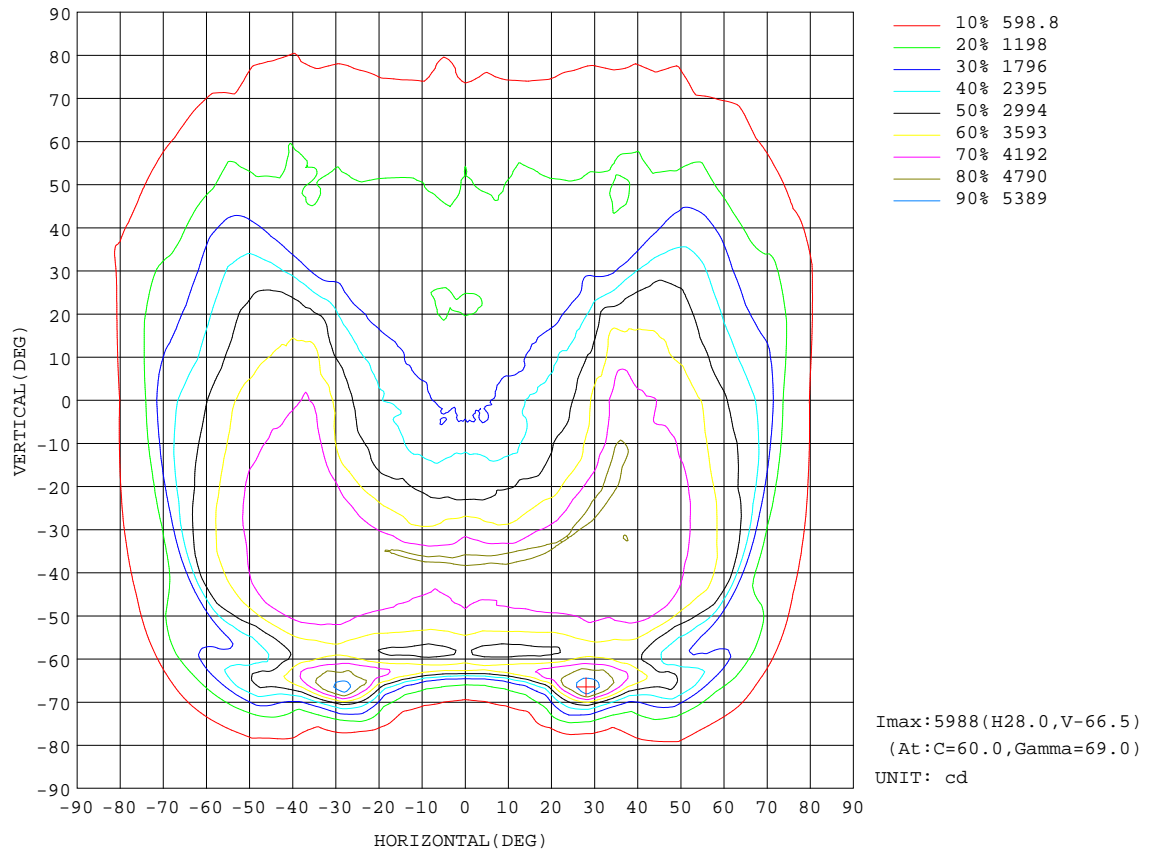
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\Phi$ lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------------|
| 10       | 2051                  | 1860  | 2233  | 1833  | 1952  | 1565  | 1613  | 1606  | 0- 10    | 168.4       | 168.4        | 1.3,1.3         |
| 20       | 2589                  | 2723  | 2691  | 2629  | 2470  | 1603  | 1181  | 1589  | 10- 20   | 583.5       | 751.9        | 5.79,5.79       |
| 30       | 3775                  | 3587  | 4027  | 3502  | 3501  | 1498  | 1295  | 1526  | 20- 30   | 1152        | 1904         | 14.7,14.7       |
| 40       | 4309                  | 4675  | 4536  | 4541  | 4119  | 1587  | 1381  | 1667  | 30- 40   | 2038        | 3942         | 30.4,30.4       |
| 50       | 3934                  | 4453  | 4096  | 4476  | 3833  | 1300  | 1227  | 1282  | 40- 50   | 2536        | 6478         | 49.9,49.9       |
| 60       | 3088                  | 4275  | 3301  | 4281  | 2975  | 1223  | 1099  | 1193  | 50- 60   | 2610        | 9089         | 70,70           |
| 70       | 2051                  | 3484  | 521.0 | 3451  | 2008  | 1169  | 762.2 | 1092  | 60- 70   | 2302        | 11390        | 87.7,87.7       |
| 80       | 577.6                 | 918.8 | 276.6 | 868.2 | 606.3 | 641.7 | 469.1 | 599.5 | 70- 80   | 1198        | 12588        | 97,97           |
| 90       | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 80- 90   | 394.9       | 12983        | 100,100         |
| 100      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90-100   | 0           | 12983        | 100,100         |
| 110      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-110  | 0           | 12983        | 100,100         |
| 120      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-120  | 0           | 12983        | 100,100         |
| 130      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-130  | 0           | 12983        | 100,100         |
| 140      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-140  | 0           | 12983        | 100,100         |
| 150      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-150  | 0           | 12983        | 100,100         |
| 160      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-160  | 0           | 12983        | 100,100         |
| 170      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-170  | 0           | 12983        | 100,100         |
| 180      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-180  | 0           | 12983        | 100,100         |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |                 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

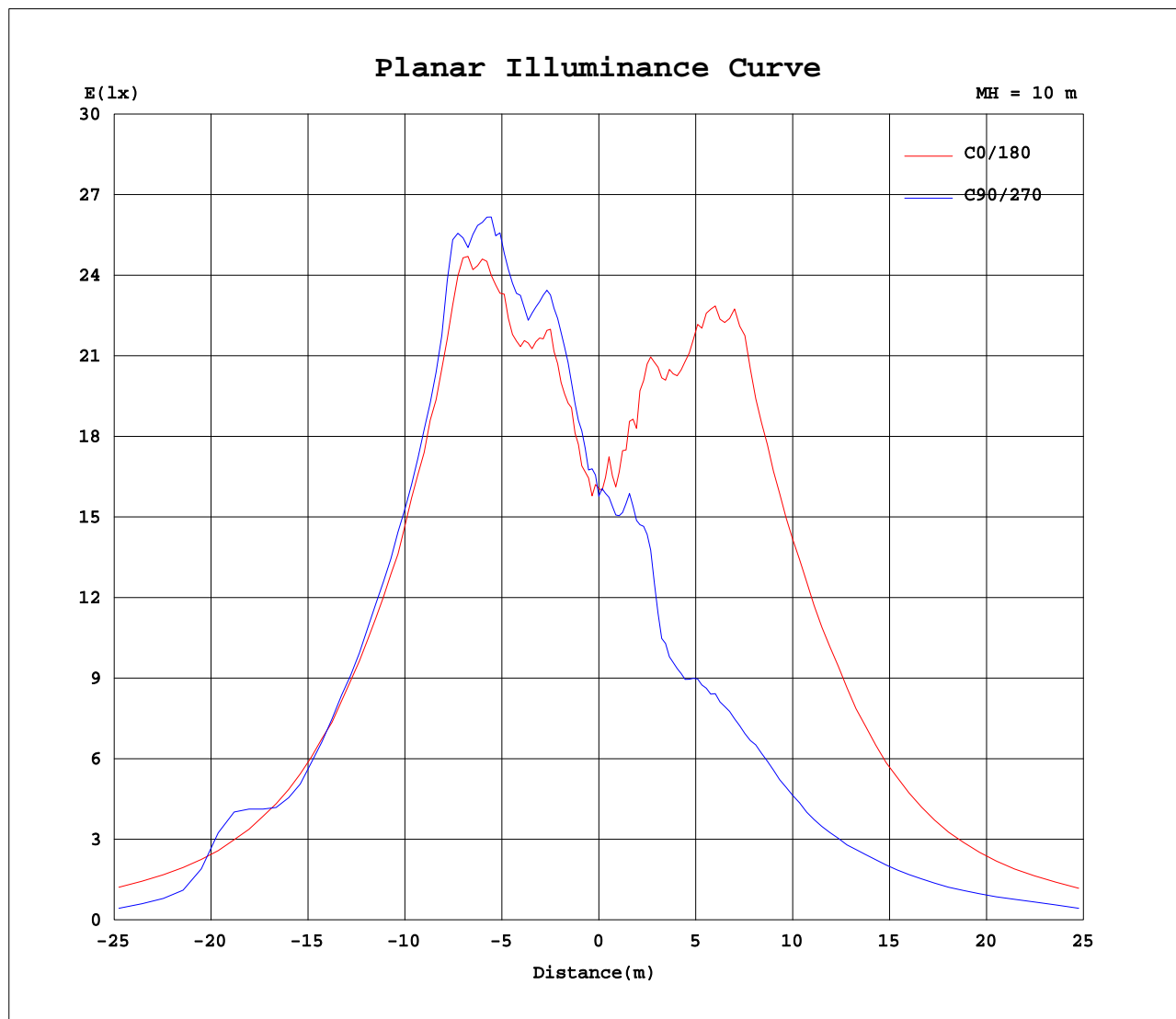
|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



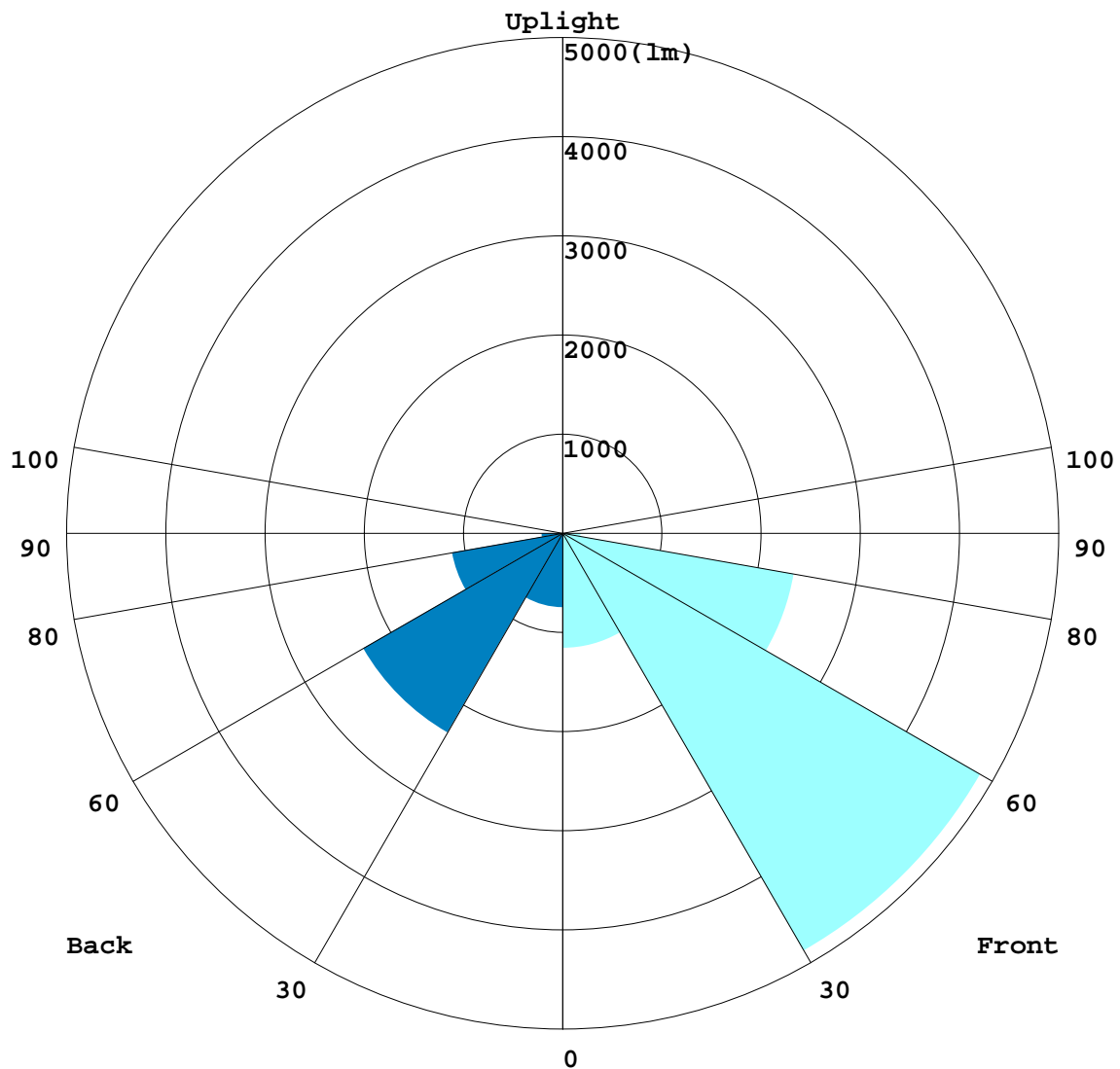
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date: 23 June 2019

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance: 26.000m [K=1.0000]  
Remarks:

### LCS REPORT

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:

### BUG REPORT

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

#### IESNA Luminaire Flux Distribution Table:

| Zone                         | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30)         | 1156.9 | 8.9         |
| FM - Front-Medium(30-60)     | 4862.5 | 37.5        |
| FH - Front-High(60-80)       | 2367.9 | 18.2        |
| FVH - Front-Very High(80-90) | 182.23 | 1.4         |
| Total Forward Light          | 8569.5 | 66.0        |

|                             |        |      |
|-----------------------------|--------|------|
| BL - Back-Low(0-30)         | 747.03 | 5.8  |
| BM - Back-Medium(30-60)     | 2322.3 | 17.9 |
| BH - Back-High(60-80)       | 1132   | 8.7  |
| BVH - Back-Very High(80-90) | 212.7  | 1.6  |
| Total Back Light            | 4413.9 | 34.0 |

|                            |   |     |
|----------------------------|---|-----|
| UL - Uplight-Low(90-100)   | 0 | 0.0 |
| UH - Uplight-High(100-180) | 0 | 0.0 |
| Total Up Light             | 0 | 0.0 |

|                           |          |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B3-U0-G3 |
|---------------------------|----------|

| Zone        | Downward<br>Lumens | Upward<br>Lumens | Total<br>Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side  | 4413.9             | 0                | 4413.9          |
| Street Side | 8569.5             | 0                | 8569.5          |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

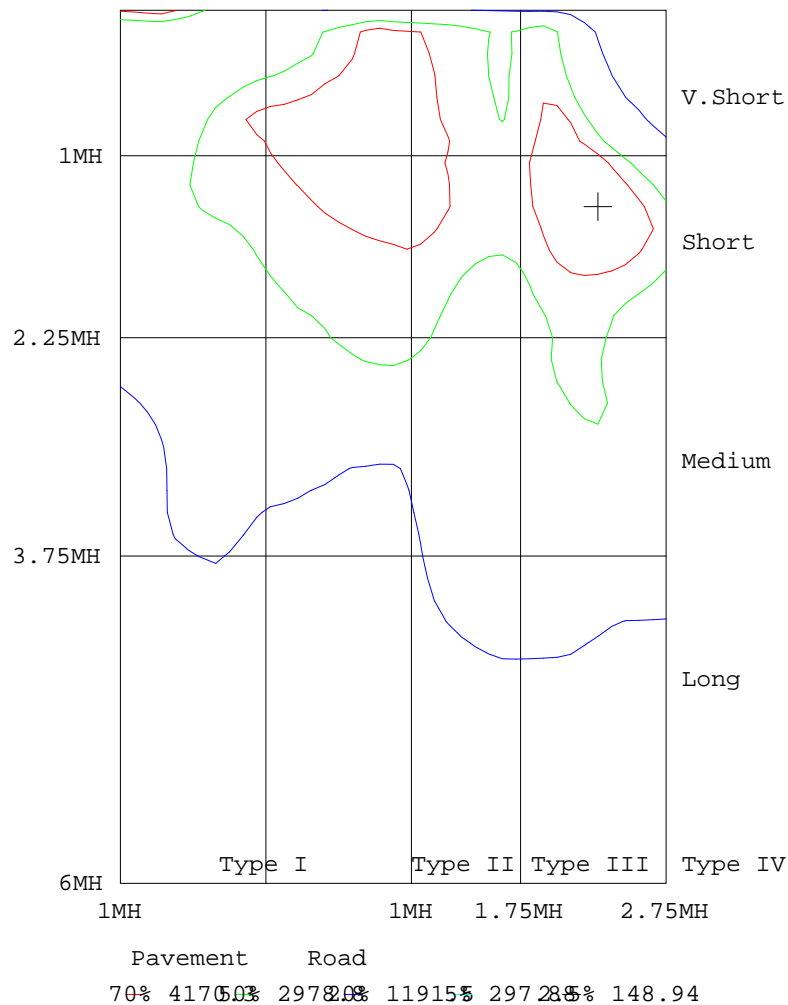
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 28.6DEG  
Operators:  
Test Date:23 June 2019

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13  
Humidity: 52.2%  
Test Distance:26.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

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                 | 1606 | 1604 | 1605 | 1605 | 1604 | 1602 | 1603 | 1595 | 1593 | 1590 | 1587 | 1587 | 1586 | 1585 | 1585 | 1580 | 1578 | 1578 | 1578 |
| 5                 | 1710 | 1751 | 1778 | 1791 | 1827 | 1795 | 1774 | 1774 | 1763 | 1790 | 1785 | 1817 | 1807 | 1776 | 1793 | 1783 | 1832 | 1773 | 1842 |
| 10                | 2051 | 2006 | 2111 | 2095 | 2026 | 1980 | 1911 | 1888 | 1890 | 1860 | 1868 | 1948 | 2045 | 2088 | 2171 | 2203 | 2190 | 2203 | 2233 |
| 15                | 2435 | 2489 | 2484 | 2412 | 2375 | 2283 | 2262 | 2309 | 2310 | 2277 | 2265 | 2310 | 2287 | 2343 | 2431 | 2547 | 2573 | 2570 | 2601 |
| 20                | 2589 | 2655 | 2697 | 2695 | 2688 | 2739 | 2725 | 2787 | 2786 | 2723 | 2772 | 2731 | 2750 | 2814 | 2750 | 2755 | 2787 | 2736 | 2691 |
| 25                | 3009 | 3111 | 3048 | 3069 | 3136 | 3146 | 3151 | 3132 | 3049 | 3082 | 3153 | 3182 | 3170 | 3193 | 3120 | 3140 | 3179 | 3240 | 3253 |
| 30                | 3775 | 3743 | 3700 | 3669 | 3633 | 3600 | 3658 | 3686 | 3620 | 3587 | 3690 | 3689 | 3672 | 3593 | 3569 | 3605 | 3764 | 3940 | 4027 |
| 35                | 4485 | 4505 | 4536 | 4507 | 4556 | 4426 | 4466 | 4395 | 4404 | 4301 | 4219 | 4292 | 4326 | 4287 | 4216 | 4388 | 4395 | 4489 | 4620 |
| 40                | 4309 | 4377 | 4512 | 4722 | 4749 | 4788 | 4779 | 4764 | 4755 | 4675 | 4594 | 4672 | 4679 | 4622 | 4645 | 4612 | 4487 | 4455 | 4536 |
| 45                | 4148 | 4162 | 4369 | 4575 | 4647 | 4729 | 4730 | 4757 | 4589 | 4369 | 4303 | 4478 | 4469 | 4437 | 4406 | 4409 | 4291 | 4238 | 4325 |
| 50                | 3934 | 4059 | 4220 | 4421 | 4599 | 4630 | 4756 | 4776 | 4668 | 4453 | 4405 | 4393 | 4367 | 4284 | 4212 | 4124 | 4020 | 3956 | 4096 |
| 55                | 3576 | 3680 | 3860 | 4134 | 4384 | 4487 | 4656 | 4746 | 4678 | 4390 | 4336 | 4302 | 4070 | 3871 | 3695 | 3499 | 3404 | 3346 | 3511 |
| 60                | 3088 | 3258 | 3438 | 3746 | 3958 | 4168 | 4276 | 4475 | 4476 | 4275 | 3974 | 3780 | 3404 | 2955 | 2880 | 2939 | 3000 | 3073 | 3301 |
| 65                | 2587 | 2879 | 2993 | 3365 | 3596 | 3690 | 3653 | 3502 | 3326 | 3348 | 3208 | 3742 | 4550 | 4596 | 4357 | 3382 | 2066 | 1533 | 1470 |
| 70                | 2051 | 2089 | 2034 | 2112 | 2209 | 2191 | 1951 | 1945 | 2286 | 3484 | 4306 | 5124 | 5949 | 3880 | 1660 | 1025 | 756  | 592  | 521  |
| 75                | 986  | 999  | 907  | 1123 | 1386 | 1779 | 2282 | 2739 | 2959 | 2153 | 1494 | 1496 | 1824 | 1624 | 937  | 406  | 380  | 425  | 382  |
| 80                | 578  | 614  | 612  | 719  | 794  | 881  | 900  | 948  | 1041 | 919  | 660  | 475  | 486  | 462  | 368  | 299  | 284  | 299  | 277  |
| 85                | 284  | 324  | 304  | 279  | 285  | 310  | 357  | 383  | 446  | 415  | 431  | 299  | 298  | 306  | 242  | 210  | 204  | 218  | 193  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 28.6DEG

Operators:

Test Date:23 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13

Humidity: 52.2%

Test Distance:26.000m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |          |                   |
|--|----------|-------------------|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |          |                   |
| NAME: LED STREET LIGHT   | TYPE:LED | WEIGHT:/          |
| SPEC.:/  | DIM.: /  | SERIAL No.:/      |
| MFR.:  | SUR.:/   | Shielding Angle:/ |

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                 | 1578 | 1579 | 1578 | 1579 | 1578 | 1581 | 1581 | 1580 | 1578 | 1579 | 1579 | 1572 | 1569 | 1567 | 1566 | 1562 | 1560 | 1606 | 1604 |
| 5                 | 1793 | 1835 | 1776 | 1763 | 1830 | 1794 | 1831 | 1782 | 1831 | 1798 | 1810 | 1763 | 1771 | 1770 | 1742 | 1729 | 1671 | 1631 | 1655 |
| 10                | 2201 | 2202 | 2150 | 2168 | 2099 | 2041 | 1952 | 1859 | 1833 | 1849 | 1909 | 1886 | 1944 | 2044 | 2060 | 2012 | 1997 | 1952 | 1932 |
| 15                | 2558 | 2545 | 2484 | 2420 | 2314 | 2309 | 2294 | 2249 | 2251 | 2230 | 2240 | 2248 | 2203 | 2327 | 2377 | 2403 | 2344 | 2326 | 2300 |
| 20                | 2780 | 2752 | 2744 | 2720 | 2739 | 2787 | 2718 | 2661 | 2629 | 2717 | 2642 | 2660 | 2615 | 2533 | 2604 | 2583 | 2509 | 2470 | 2439 |
| 25                | 3280 | 3190 | 3069 | 3078 | 3055 | 3125 | 3075 | 3062 | 3024 | 2953 | 2924 | 2978 | 2992 | 2961 | 2905 | 2911 | 2897 | 2835 | 2735 |
| 30                | 3935 | 3786 | 3589 | 3487 | 3517 | 3569 | 3556 | 3537 | 3502 | 3453 | 3447 | 3412 | 3412 | 3418 | 3426 | 3489 | 3550 | 3501 | 3374 |
| 35                | 4401 | 4354 | 4231 | 4182 | 4079 | 4166 | 4092 | 4059 | 4104 | 4143 | 4098 | 4186 | 4135 | 4191 | 4271 | 4266 | 4256 | 4138 | 4017 |
| 40                | 4420 | 4452 | 4518 | 4594 | 4534 | 4552 | 4595 | 4547 | 4541 | 4552 | 4623 | 4614 | 4660 | 4661 | 4590 | 4384 | 4248 | 4119 | 3961 |
| 45                | 4230 | 4160 | 4299 | 4341 | 4307 | 4429 | 4434 | 4402 | 4366 | 4438 | 4679 | 4694 | 4680 | 4623 | 4527 | 4306 | 4132 | 4009 | 3757 |
| 50                | 3974 | 3915 | 4033 | 4161 | 4258 | 4337 | 4412 | 4455 | 4476 | 4553 | 4729 | 4679 | 4645 | 4537 | 4355 | 4083 | 3956 | 3833 | 3549 |
| 55                | 3394 | 3357 | 3510 | 3691 | 3872 | 4092 | 4342 | 4404 | 4434 | 4598 | 4732 | 4606 | 4413 | 4317 | 4069 | 3818 | 3587 | 3451 | 3184 |
| 60                | 3115 | 2979 | 2978 | 2897 | 3030 | 3441 | 3807 | 4085 | 4281 | 4361 | 4439 | 4317 | 4089 | 3877 | 3670 | 3357 | 3167 | 2975 | 2645 |
| 65                | 1562 | 2086 | 3373 | 4215 | 4474 | 4555 | 3793 | 3275 | 3237 | 3231 | 3399 | 3554 | 3574 | 3521 | 3270 | 2947 | 2768 | 2512 | 2186 |
| 70                | 598  | 755  | 1020 | 1633 | 3762 | 5734 | 5105 | 4446 | 3451 | 2347 | 1999 | 2009 | 2208 | 2238 | 2167 | 2068 | 2052 | 2008 | 1758 |
| 75                | 433  | 379  | 405  | 799  | 1542 | 1768 | 1482 | 1454 | 2023 | 2806 | 2800 | 2298 | 1803 | 1422 | 1184 | 914  | 1002 | 1048 | 1222 |
| 80                | 303  | 292  | 296  | 384  | 454  | 467  | 461  | 640  | 868  | 959  | 944  | 931  | 880  | 831  | 782  | 650  | 670  | 606  | 712  |
| 85                | 216  | 216  | 206  | 238  | 313  | 309  | 330  | 452  | 421  | 434  | 394  | 376  | 336  | 299  | 287  | 314  | 342  | 309  | 473  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 28.6DEG

Operators:

Test Date:23 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13

Humidity: 52.2%

Test Distance:26.000m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|-------------------|--|--|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
| NAME: LED STREET LIGHT   |  |  |  |  |  |  |  |  | TYPE:LED |  |  |  |  |  | WEIGHT:/          |  |  |
| SPEC.:/  |  |  |  |  |  |  |  |  | DIM.: /  |  |  |  |  |  | SERIAL No.:/      |  |  |
| MFR.:  |  |  |  |  |  |  |  |  | SUR.:/   |  |  |  |  |  | Shielding Angle:/ |  |  |

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                 | 1605 | 1605 | 1604 | 1602 | 1603 | 1595 | 1593 | 1590 | 1587 | 1587 | 1586 | 1585 | 1585 | 1580 | 1578 | 1578 | 1578 | 1578 | 1579 |
| 5                 | 1640 | 1651 | 1691 | 1709 | 1657 | 1674 | 1676 | 1656 | 1649 | 1667 | 1655 | 1635 | 1577 | 1546 | 1490 | 1511 | 1525 | 1519 | 1516 |
| 10                | 1954 | 1908 | 1862 | 1794 | 1739 | 1622 | 1591 | 1565 | 1570 | 1605 | 1654 | 1625 | 1663 | 1672 | 1590 | 1582 | 1613 | 1675 | 1637 |
| 15                | 2251 | 2154 | 2061 | 1883 | 1844 | 1703 | 1569 | 1581 | 1569 | 1495 | 1479 | 1447 | 1359 | 1451 | 1448 | 1458 | 1528 | 1450 | 1495 |
| 20                | 2345 | 2272 | 2195 | 2121 | 2000 | 1862 | 1741 | 1603 | 1458 | 1365 | 1354 | 1291 | 1262 | 1163 | 1232 | 1223 | 1181 | 1200 | 1232 |
| 25                | 2685 | 2550 | 2437 | 2270 | 2099 | 1885 | 1730 | 1518 | 1406 | 1301 | 1250 | 1265 | 1220 | 1167 | 1160 | 1231 | 1204 | 1207 | 1223 |
| 30                | 3167 | 2970 | 2737 | 2551 | 2226 | 1966 | 1728 | 1498 | 1405 | 1348 | 1281 | 1243 | 1249 | 1245 | 1205 | 1291 | 1295 | 1280 | 1305 |
| 35                | 3755 | 3530 | 3214 | 2861 | 2487 | 2002 | 1692 | 1527 | 1475 | 1407 | 1359 | 1297 | 1318 | 1312 | 1300 | 1329 | 1362 | 1337 | 1357 |
| 40                | 3769 | 3669 | 3493 | 3147 | 2596 | 1972 | 1711 | 1587 | 1509 | 1429 | 1383 | 1346 | 1373 | 1329 | 1339 | 1288 | 1381 | 1343 | 1316 |
| 45                | 3640 | 3524 | 3367 | 3081 | 2491 | 1753 | 1509 | 1406 | 1399 | 1366 | 1360 | 1348 | 1305 | 1307 | 1270 | 1198 | 1312 | 1275 | 1220 |
| 50                | 3405 | 3344 | 3216 | 2896 | 2252 | 1623 | 1405 | 1300 | 1310 | 1281 | 1280 | 1256 | 1247 | 1228 | 1170 | 1116 | 1227 | 1171 | 1166 |
| 55                | 3041 | 3005 | 2869 | 2605 | 2014 | 1504 | 1275 | 1190 | 1218 | 1233 | 1191 | 1183 | 1176 | 1166 | 1120 | 1111 | 1190 | 1120 | 1120 |
| 60                | 2504 | 2467 | 2430 | 2230 | 1800 | 1406 | 1231 | 1223 | 1194 | 1194 | 1154 | 1114 | 1102 | 1107 | 1049 | 1064 | 1099 | 1055 | 1062 |
| 65                | 1971 | 1922 | 1933 | 1796 | 1531 | 1227 | 1136 | 1232 | 1133 | 1138 | 1127 | 1063 | 1038 | 1046 | 1006 | 1028 | 1018 | 1028 | 1024 |
| 70                | 1452 | 1304 | 1280 | 1192 | 1254 | 1065 | 1008 | 1169 | 1016 | 1004 | 1044 | 958  | 888  | 815  | 738  | 796  | 762  | 790  | 727  |
| 75                | 1116 | 904  | 806  | 797  | 890  | 834  | 825  | 906  | 867  | 857  | 862  | 732  | 627  | 588  | 579  | 662  | 562  | 616  | 580  |
| 80                | 619  | 559  | 532  | 587  | 612  | 560  | 643  | 642  | 667  | 557  | 579  | 529  | 465  | 450  | 453  | 584  | 469  | 532  | 470  |
| 85                | 382  | 363  | 338  | 432  | 398  | 394  | 520  | 484  | 504  | 400  | 374  | 386  | 294  | 300  | 327  | 417  | 322  | 426  | 320  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 95                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 28.6DEG

Operators:

Test Date:23 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13

Humidity: 52.2%

Test Distance:26.000m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|-------------------|--|--|
| Test:U:219.95V I:0.4160A P:90.930W PF:0.9938 Freq:50.00Hz Lamp Flux:12983.4x1 lm |  |  |  |  |  |  |  |  |          |  |  |  |  |  |                   |  |  |
| NAME: LED STREET LIGHT   |  |  |  |  |  |  |  |  | TYPE:LED |  |  |  |  |  | WEIGHT:/          |  |  |
| SPEC.:/  |  |  |  |  |  |  |  |  | DIM.: /  |  |  |  |  |  | SERIAL No.:/      |  |  |
| MFR.:  |  |  |  |  |  |  |  |  | SUR.:/   |  |  |  |  |  | Shielding Angle:/ |  |  |

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                  | 1578 | 1579 | 1578 | 1581 | 1581 | 1580 | 1578 | 1579 | 1579 | 1572 | 1569 | 1567 | 1566 | 1562 | 1560 |  |  |  |  |  |
| 5                  | 1532 | 1567 | 1619 | 1663 | 1636 | 1611 | 1621 | 1647 | 1655 | 1661 | 1671 | 1675 | 1671 | 1720 | 1715 |  |  |  |  |  |
| 10                 | 1577 | 1604 | 1615 | 1555 | 1558 | 1580 | 1606 | 1689 | 1729 | 1809 | 1934 | 1958 | 1980 | 1992 | 2016 |  |  |  |  |  |
| 15                 | 1456 | 1453 | 1407 | 1403 | 1454 | 1581 | 1645 | 1619 | 1732 | 1735 | 1823 | 2110 | 2183 | 2299 | 2396 |  |  |  |  |  |
| 20                 | 1218 | 1281 | 1333 | 1366 | 1424 | 1517 | 1589 | 1769 | 1948 | 2016 | 2168 | 2244 | 2408 | 2489 | 2548 |  |  |  |  |  |
| 25                 | 1234 | 1262 | 1273 | 1316 | 1323 | 1446 | 1554 | 1744 | 1946 | 2159 | 2438 | 2517 | 2714 | 2800 | 2853 |  |  |  |  |  |
| 30                 | 1261 | 1274 | 1319 | 1345 | 1384 | 1429 | 1526 | 1763 | 2037 | 2380 | 2691 | 2942 | 3125 | 3395 | 3610 |  |  |  |  |  |
| 35                 | 1347 | 1336 | 1381 | 1415 | 1465 | 1517 | 1579 | 1774 | 2146 | 2710 | 3105 | 3454 | 3803 | 4085 | 4268 |  |  |  |  |  |
| 40                 | 1376 | 1397 | 1429 | 1466 | 1529 | 1639 | 1667 | 1840 | 2076 | 2852 | 3281 | 3576 | 3839 | 3998 | 4124 |  |  |  |  |  |
| 45                 | 1321 | 1361 | 1375 | 1381 | 1365 | 1403 | 1414 | 1559 | 1829 | 2707 | 3220 | 3481 | 3658 | 3734 | 3879 |  |  |  |  |  |
| 50                 | 1257 | 1256 | 1262 | 1274 | 1269 | 1306 | 1282 | 1439 | 1693 | 2466 | 3072 | 3317 | 3459 | 3500 | 3678 |  |  |  |  |  |
| 55                 | 1206 | 1198 | 1187 | 1193 | 1228 | 1237 | 1173 | 1289 | 1577 | 2215 | 2732 | 2987 | 3023 | 3086 | 3245 |  |  |  |  |  |
| 60                 | 1118 | 1111 | 1100 | 1146 | 1183 | 1199 | 1193 | 1254 | 1448 | 1981 | 2345 | 2513 | 2503 | 2565 | 2696 |  |  |  |  |  |
| 65                 | 1046 | 1042 | 1040 | 1107 | 1109 | 1145 | 1221 | 1143 | 1286 | 1637 | 1868 | 1982 | 1944 | 2021 | 2262 |  |  |  |  |  |
| 70                 | 803  | 872  | 924  | 1025 | 1009 | 1014 | 1092 | 1014 | 1098 | 1241 | 1188 | 1213 | 1294 | 1489 | 1820 |  |  |  |  |  |
| 75                 | 573  | 611  | 720  | 820  | 834  | 843  | 866  | 864  | 833  | 870  | 792  | 819  | 941  | 1167 | 1253 |  |  |  |  |  |
| 80                 | 448  | 477  | 515  | 550  | 533  | 623  | 600  | 669  | 548  | 572  | 635  | 541  | 553  | 598  | 695  |  |  |  |  |  |
| 85                 | 284  | 307  | 373  | 358  | 370  | 462  | 444  | 520  | 377  | 370  | 387  | 339  | 335  | 367  | 417  |  |  |  |  |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 28.6DEG

Operators:

Test Date:23 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.407.13

Humidity: 52.2%

Test Distance:26.000m [K=1.0000]

Remarks: