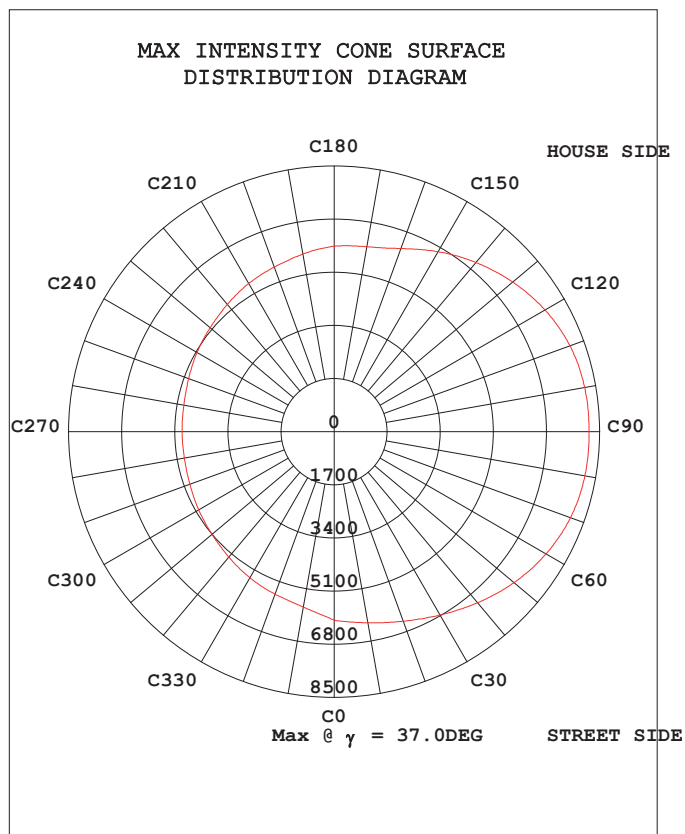
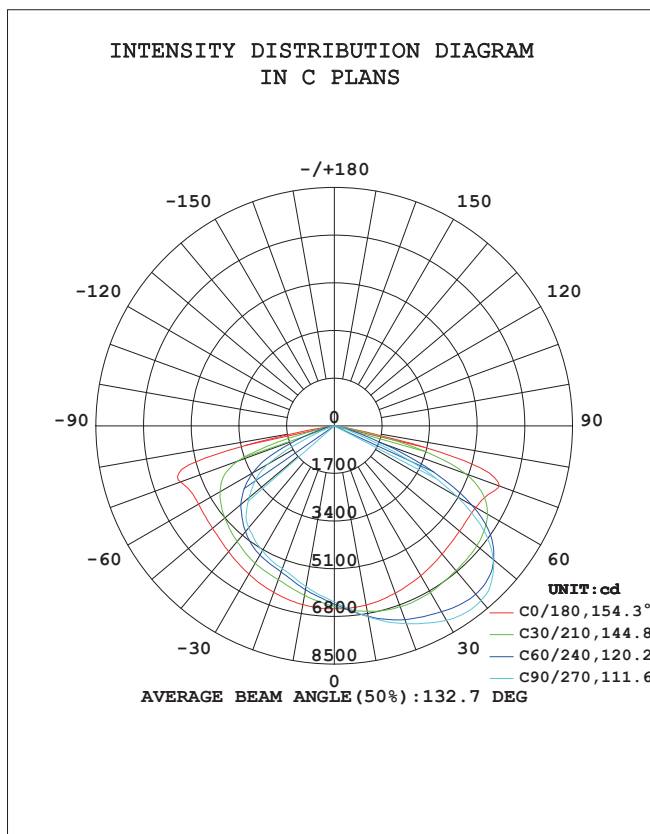


**STREETLIGHT PHOTOMETRIC TEST REPORT**

|   |                |                   |
|---|----------------|-------------------|
| Test:U:227.7V I:0.6570A P:147.6W PF:0.9860 Lamp Flux:30738.3x1 lm |                |                   |
| NAME: LED STREET LIGHT  | TYPE:LED       | WEIGHT:2KG        |
| DIM.: 595*340*140MM   | SPEC.:150W     | SERIAL No.:       |
| MFR.:   | SUR.:190*240MM | PROTECTION ANGLE: |

| DATA OF LAMP     |                  | PHOTOMETRIC DATA Eff: 156.74 lm/W |         |                  |      |
|------------------|------------------|-----------------------------------|---------|------------------|------|
| MODEL            | GS/RLS8-150W T2M | I <sub>max</sub> (cd)             | 8159    | η street_up(%)   | 0.0  |
| NOMINAL POWER(W) | 150              | LOR(%)                            | 75.3    | η street_down(%) | 39.9 |
| RATED VOLTAGE(V) | 228              | TOTAL FLUX(lm)                    | 24665   | η house_up(%)    | 0.0  |
| NOMINAL FLUX(lm) | 32770            | MAXIMUM @ (C,γ )                  | 90,37.0 | η house_down(%)  | 35.4 |
| LAMPS INSIDE     | 1                | η up(%)                           | 0.0     | 76 FLASHAREA(m2) |      |
| TEST VOLTAGE(V)  | 227.7            | η down(%)                         | 75.3    | SLI              |      |



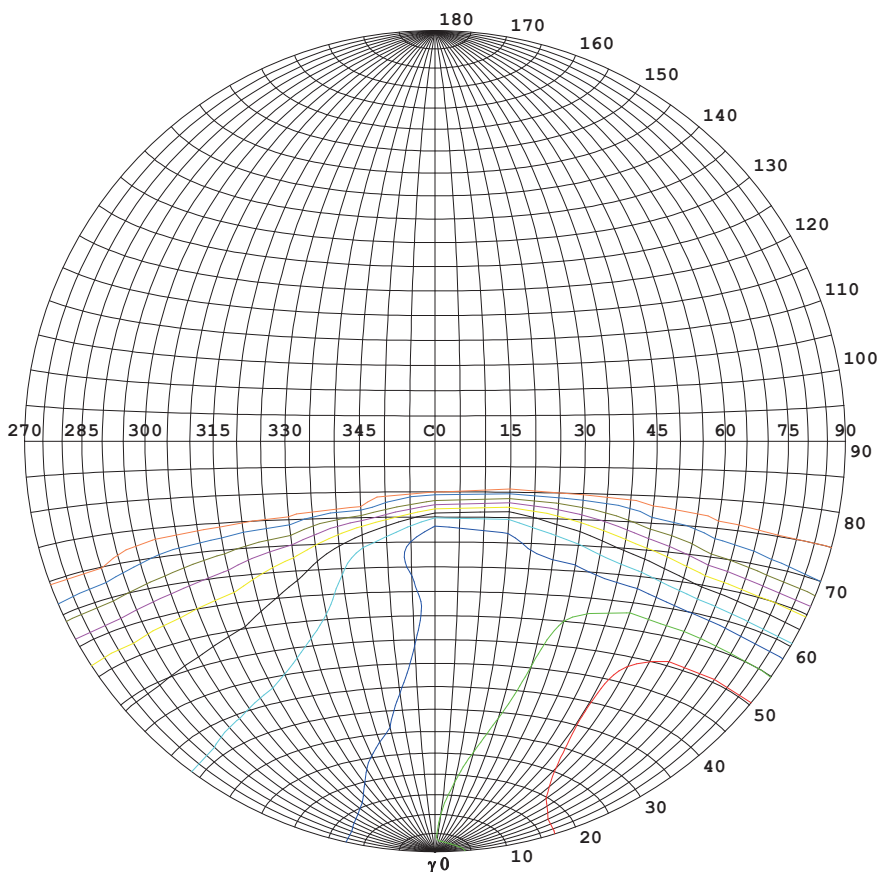
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:12.000m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

### STREETLIGHT ISOCANDELA DIAGRAM

|   |                |                   |
|---|----------------|-------------------|
| Test:U:227.7V I:0.6570A P:147.6W PF:0.9860 Lamp Flux:30738.3x1 lm |                |                   |
| NAME: LED STREET LIGHT  | TYPE:LED       | WEIGHT:2KG        |
| DIM.: 595*340*140MM   | SPEC.:150W     | SERIAL No.:       |
| MFR.:   | SUR.:190*240MM | PROTECTION ANGLE: |



#### Classification:

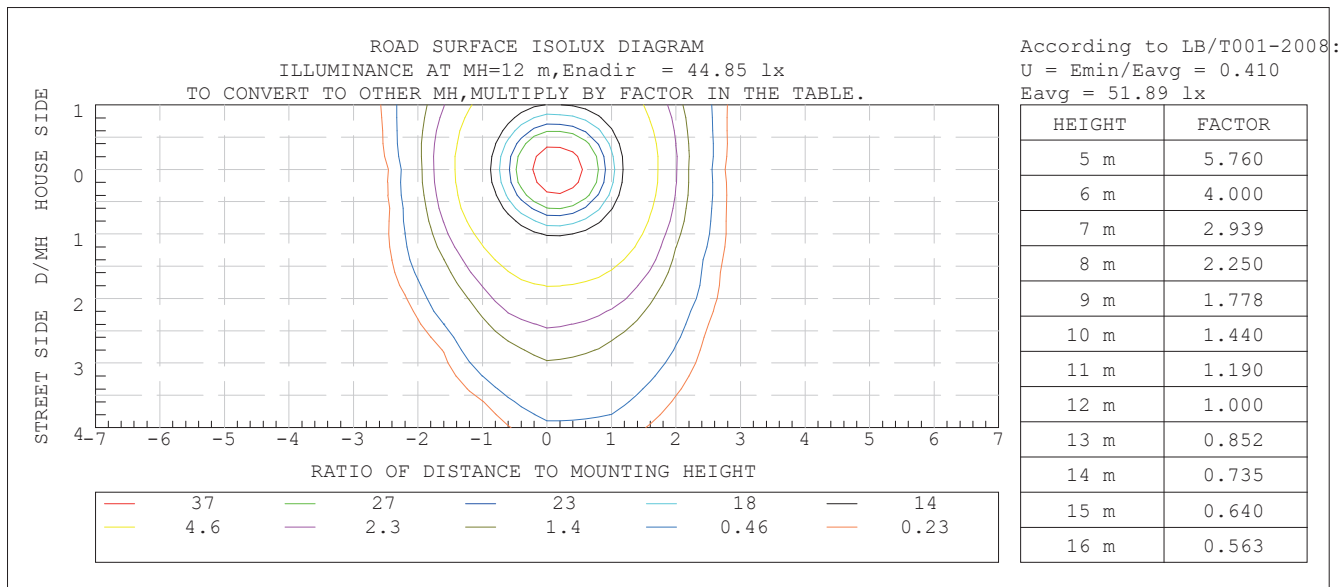
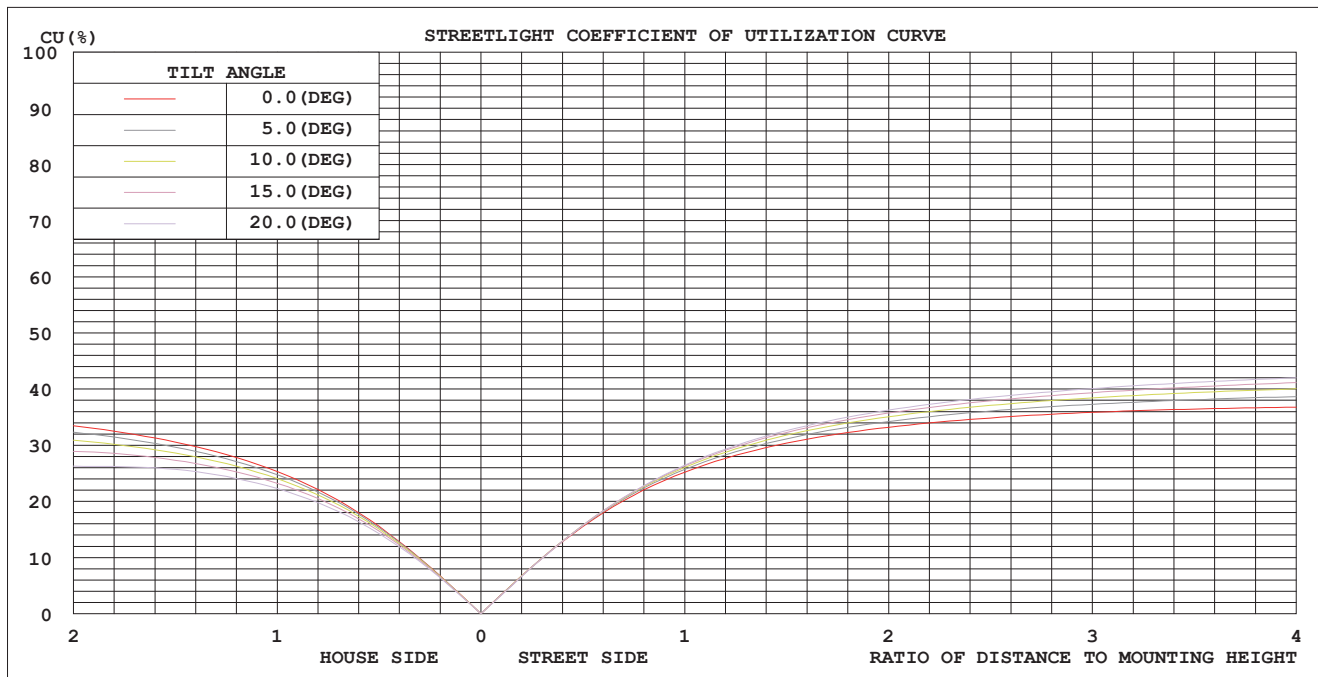
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:78.14cd/klm  
Max.At90:2.240cd/klm  
Max.80-90:78.14cd/klm  
NRB 5101:Limited[1.2%]

| ISOCANDELA DIAGRAM     |      |
|------------------------|------|
| UNIT                   | cd   |
| I <sub>max</sub> =100% | 8159 |
| 90%                    | 7343 |
| 80%                    | 6527 |
| 70%                    | 5711 |
| 60%                    | 4895 |
| 50%                    | 4080 |
| 40%                    | 3264 |
| 30%                    | 2448 |
| 20%                    | 1632 |
| 10%                    | 816  |
| 5%                     | 408  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:12.000m [K=1.0000]  
Remarks:

### COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021-08-04

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 12.000m [K=1.0000]  
Remarks:

**ZONAL FLUX DIAGRAM**

|   |                |                   |
|---|----------------|-------------------|
| Test:U:227.7V I:0.6570A P:147.6W PF:0.9860 Lamp Flux:30738.3x1 lm |                |                   |
| NAME: LED STREET LIGHT  | TYPE:LED       | WEIGHT:2KG        |
| DIM.: 595*340*140MM   | SPEC.:150W     | SERIAL No.:       |
| MFR.:   | SUR.:190*240MM | PROTECTION ANGLE: |

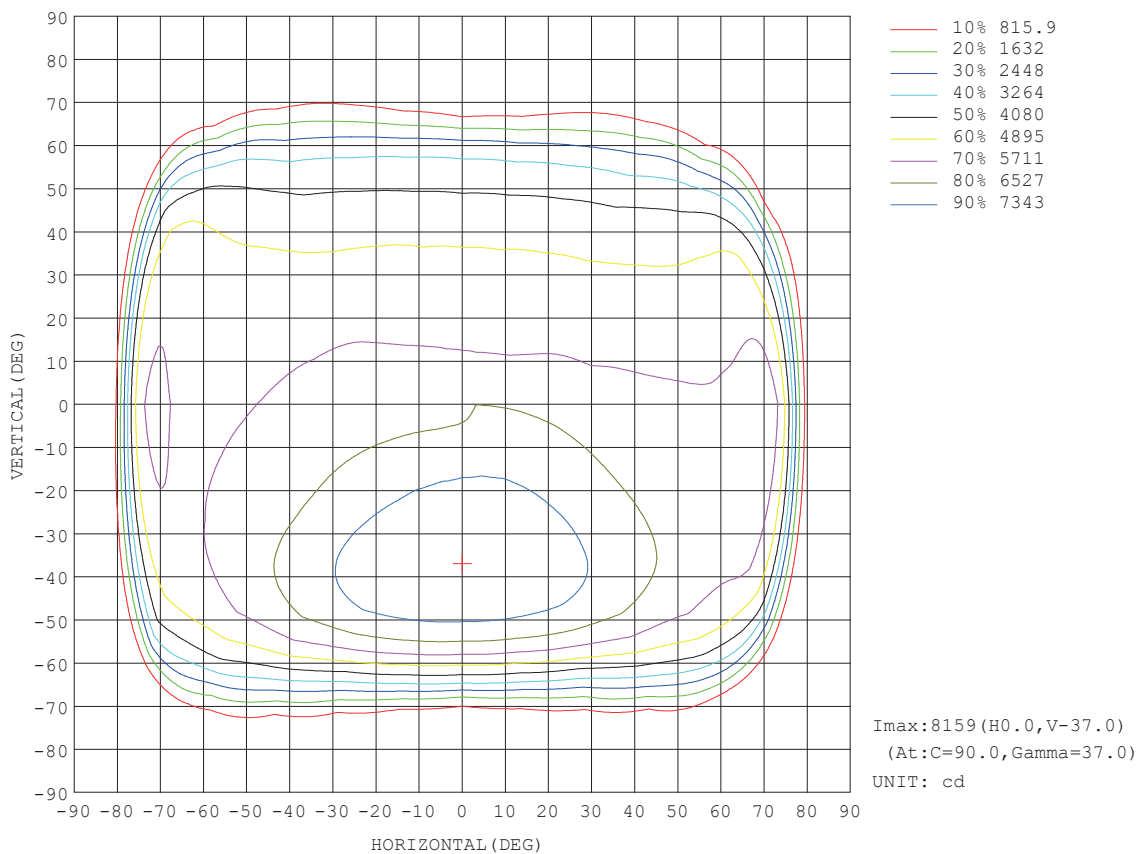
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10       | 6490                  | 6825  | 6913  | 6607  | 6475  | 6018  | 5825  | 5884  | 0- 10    | 605.2       | 605.2        | 2.45,1.85 |
| 20       | 6350                  | 7143  | 7506  | 6959  | 6320  | 5685  | 5421  | 5621  | 10- 20   | 1800        | 2405         | 9.75,7.34 |
| 30       | 6173                  | 7289  | 8008  | 7175  | 6098  | 5457  | 5142  | 5412  | 20- 30   | 2936        | 5341         | 21.7,16.3 |
| 40       | 5976                  | 7327  | 8136  | 7290  | 5867  | 5125  | 4750  | 5041  | 30- 40   | 3933        | 9274         | 37.6,28.3 |
| 50       | 5839                  | 7164  | 7402  | 7180  | 5679  | 4622  | 3972  | 4492  | 40- 50   | 4652        | 13926        | 56.5,42.5 |
| 60       | 5831                  | 6251  | 5062  | 6353  | 5593  | 3894  | 2772  | 3563  | 50- 60   | 4848        | 18774        | 76.1,57.3 |
| 70       | 6260                  | 3417  | 816.1 | 3639  | 5845  | 2119  | 370.6 | 1422  | 60- 70   | 3968        | 22742        | 92.2,69.4 |
| 80       | 385.7                 | 282.9 | 242.5 | 351.5 | 976.4 | 164.0 | 91.26 | 114.2 | 70- 80   | 1780        | 24522        | 99.4,74.8 |
| 90       | 68.02                 | 57.21 | 56.33 | 69.40 | 40.82 | 37.15 | 34.18 | 42.38 | 80- 90   | 142.5       | 24665        | 100,75.3  |
| 100      |                       |       |       |       |       |       |       |       | 90-100   |             |              |           |
| 110      |                       |       |       |       |       |       |       |       | 100-110  |             |              |           |
| 120      |                       |       |       |       |       |       |       |       | 110-120  |             |              |           |
| 130      |                       |       |       |       |       |       |       |       | 120-130  |             |              |           |
| 140      |                       |       |       |       |       |       |       |       | 130-140  |             |              |           |
| 150      |                       |       |       |       |       |       |       |       | 140-150  |             |              |           |
| 160      |                       |       |       |       |       |       |       |       | 150-160  |             |              |           |
| 170      |                       |       |       |       |       |       |       |       | 160-170  |             |              |           |
| 180      |                       |       |       |       |       |       |       |       | 170-180  |             |              |           |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |           |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:12.000m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

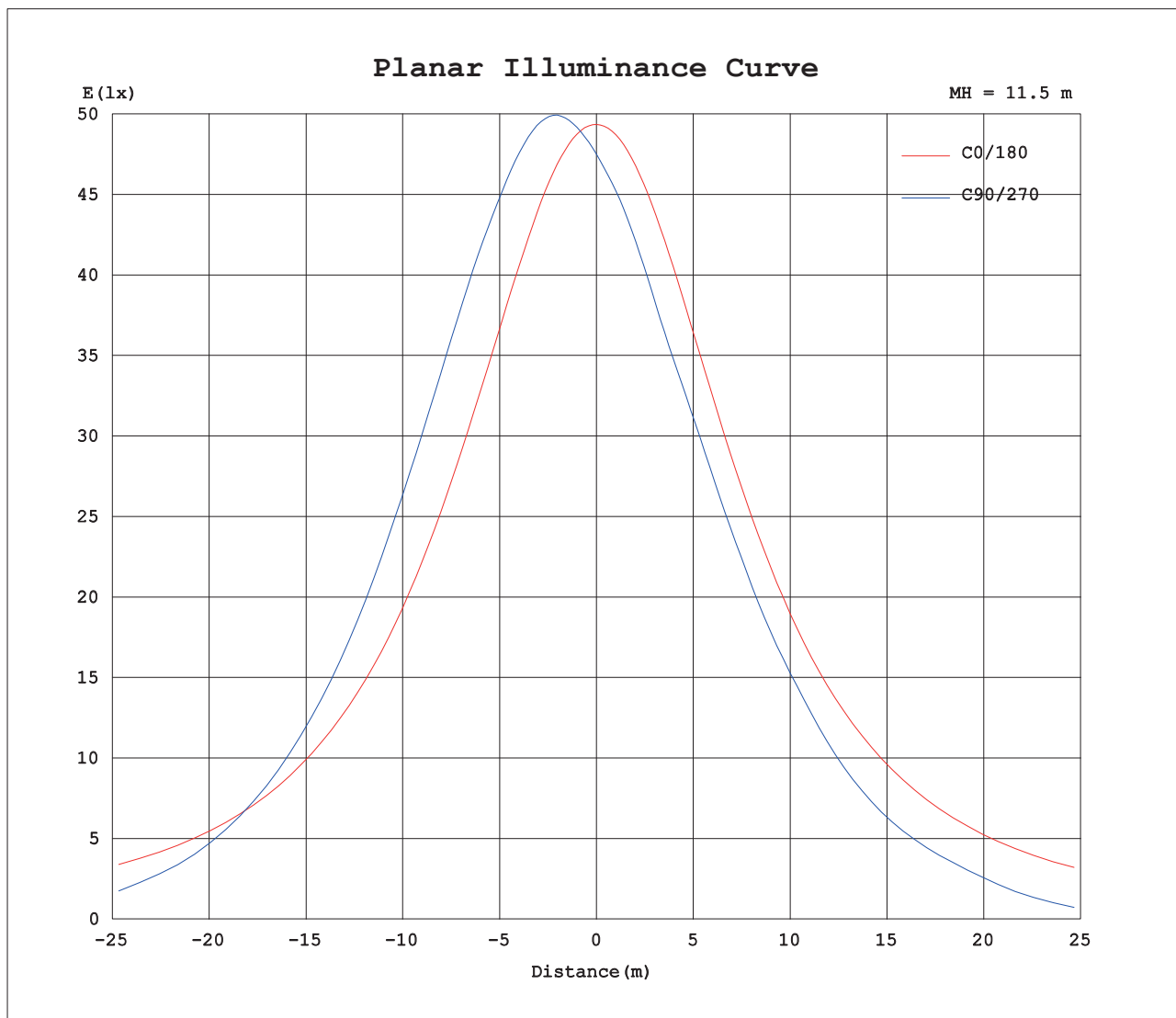
|   |                |                   |
|---|----------------|-------------------|
| Test:U:227.7V I:0.6570A P:147.6W PF:0.9860 Lamp Flux:30738.3x1 lm |                |                   |
| NAME: LED STREET LIGHT  | TYPE:LED       | WEIGHT:2KG        |
| DIM.: 595*340*140MM   | SPEC.:150W     | SERIAL No.:       |
| MFR.:   | SUR.:190*240MM | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:12.000m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021-08-04

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 12.000m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```