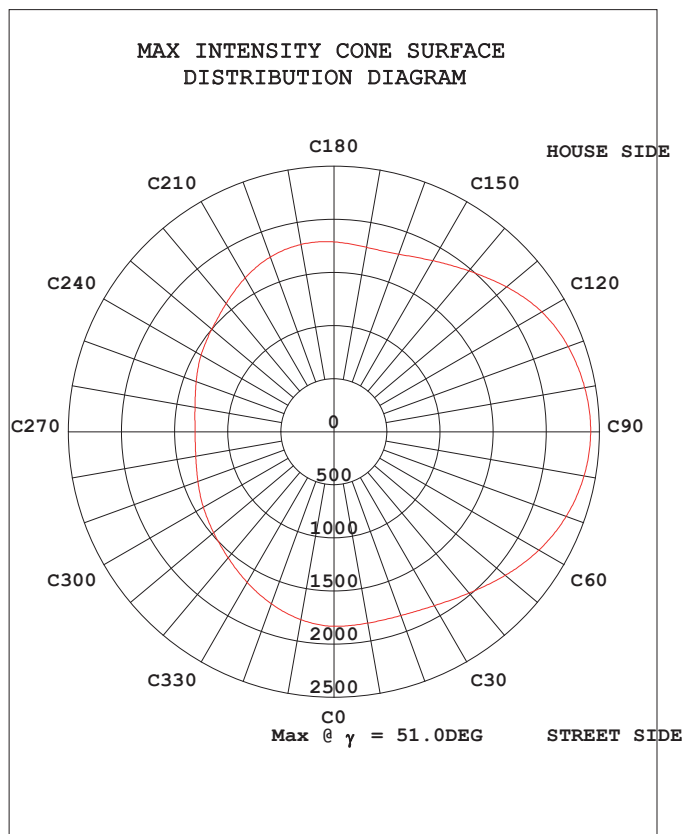
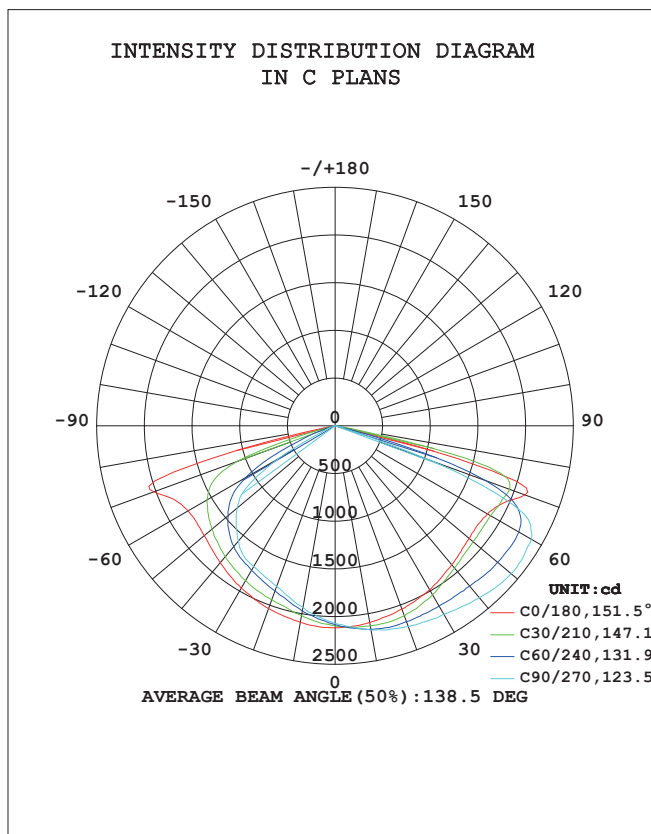


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|---|----------------|-------------------|
| Test:U:227.4V I:0.2270A P:49.90W PF:0.9670 Lamp Flux:30738.3x1 lm | | |
| NAME: LED STREET LIGHT | TYPE:LED | WEIGHT:1KG |
| DIM.: 595*340*140MM | SPEC.:50W | SERIAL No.: |
| MFR.: | SUR.:140*140MM | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 151.72 lm/W | | | |
|------------------|-----------------|-----------------------------------|---------|-----------------------|------|
| MODEL | GS/RLS8-50W T3M | Imax(cd) | 2417 | η street_up(%) | 0.0 |
| NOMINAL POWER(W) | 50 | LOR(%) | 24.6 | η street_down(%) | 13.1 |
| RATED VOLTAGE(V) | 228 | TOTAL FLUX(lm) | 8071 | η house_up(%) | 0.0 |
| NOMINAL FLUX(lm) | 32770 | MAXIMUM @ (C, γ) | 90,51.0 | η house_down(%) | 11.5 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | 76 FLASHAREA(m2) | |
| TEST VOLTAGE(V) | 227.4 | η down(%) | 24.6 | SLI | |



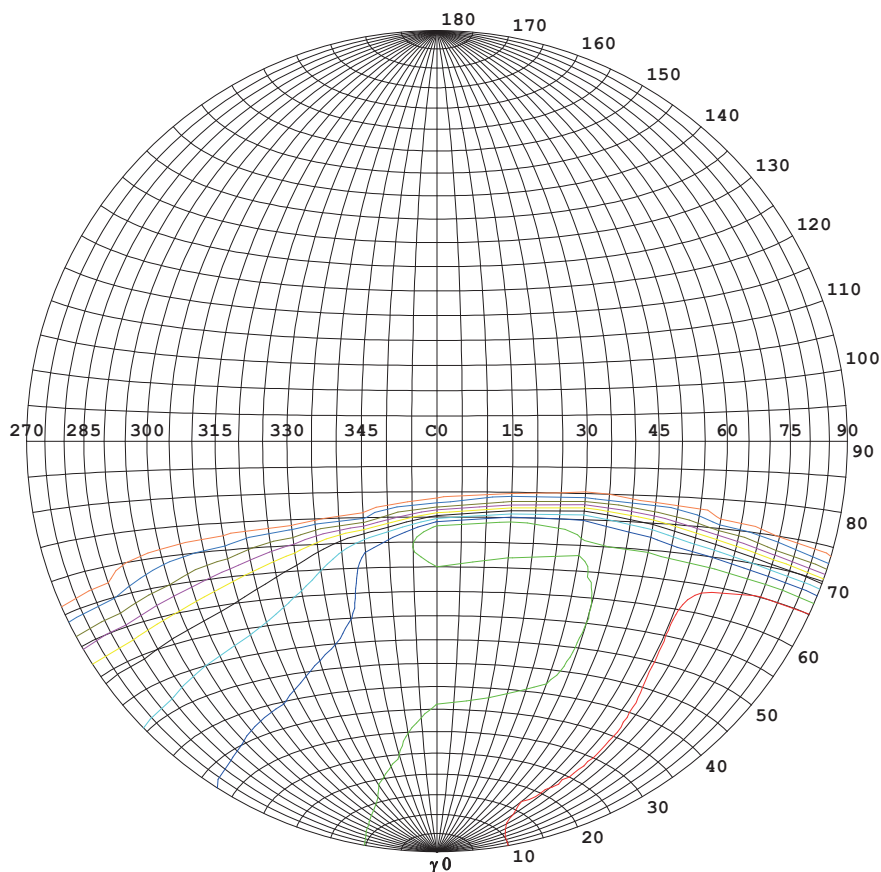
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:227.4V I:0.2270A P:49.90W PF:0.9670 Lamp Flux:30738.3x1 lm | | |
| NAME: LED STREET LIGHT | TYPE:LED | WEIGHT:1KG |
| DIM.: 595*340*140MM | SPEC.:50W | SERIAL No.: |
| MFR.: | SUR.:140*140MM | PROTECTION ANGLE: |



Classification:

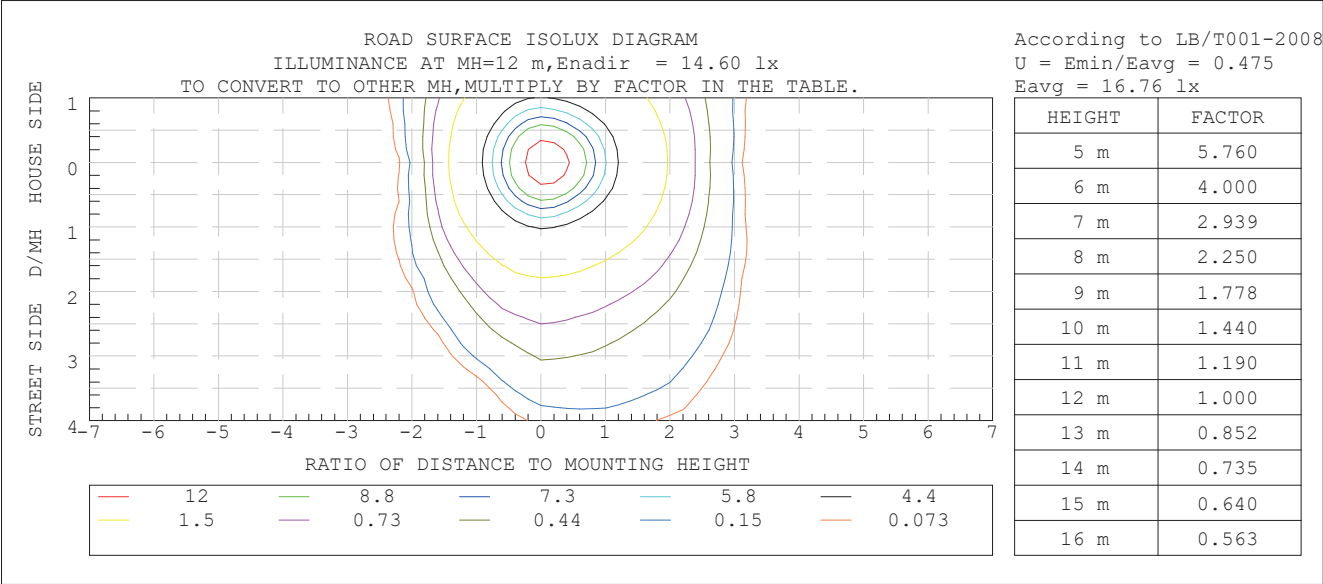
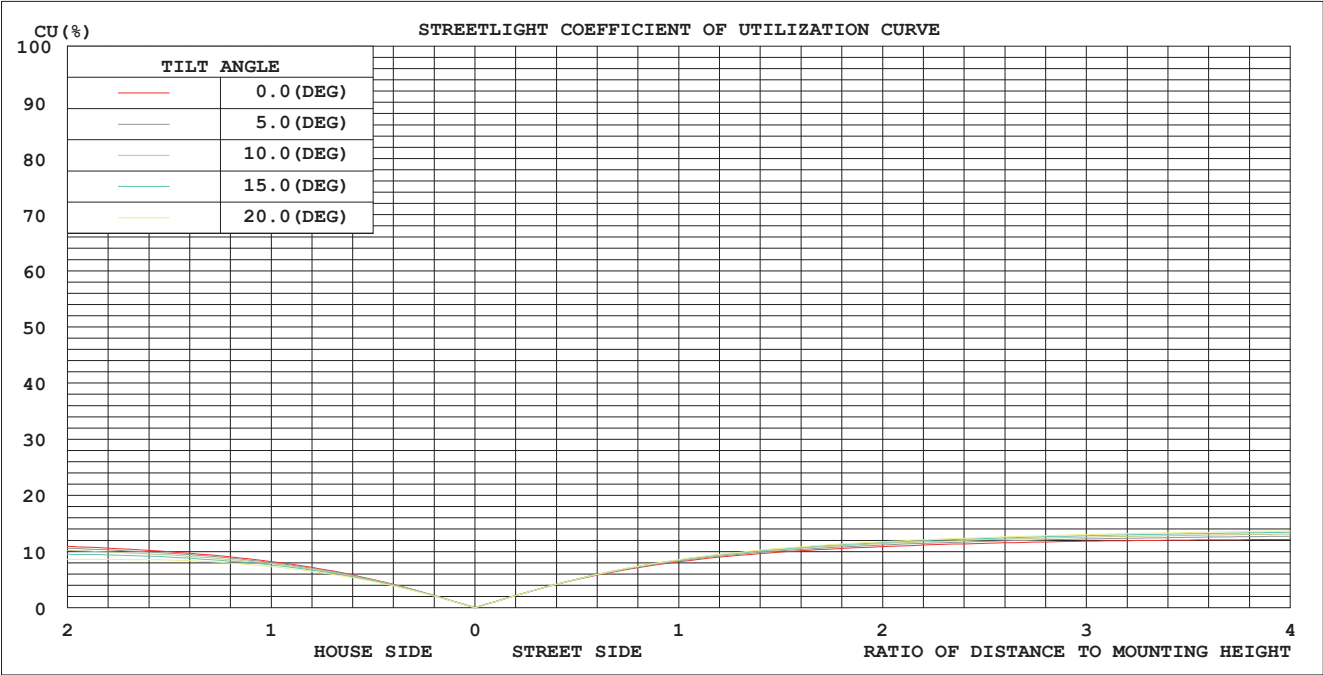
IES:Type IV - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:13.85cd/klm
Max.At90:0cd/klm
Max.80-90:13.85cd/klm
NRB 5101:Limited[0.3%]

| ISOCANDELA DIAGRAM | |
|------------------------|------|
| UNIT | cd |
| I _{max} =100% | 2417 |
| 90% | 2175 |
| 80% | 1933 |
| 70% | 1692 |
| 60% | 1450 |
| 50% | 1208 |
| 40% | 967 |
| 30% | 725 |
| 20% | 483 |
| 10% | 242 |
| 5% | 121 |

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

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:

ZONAL FLUX DIAGRAM

| | | |
|---|----------------|-------------------|
| Test:U:227.4V I:0.2270A P:49.90W PF:0.9670 Lamp Flux:30738.3x1 lm | | |
| NAME: LED STREET LIGHT | TYPE:LED | WEIGHT:1KG |
| DIM.: 595*340*140MM | SPEC.:50W | SERIAL No.: |
| MFR.: | SUR.:140*140MM | PROTECTION ANGLE: |

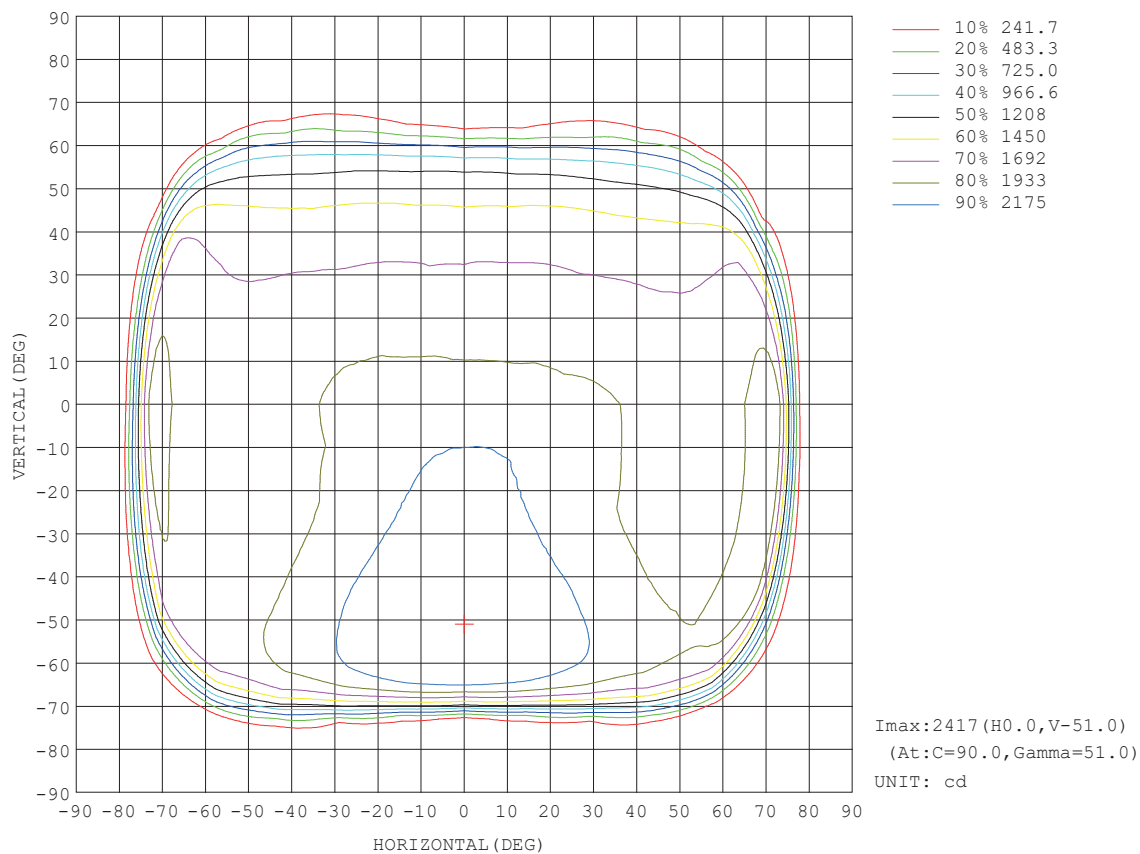
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 2094 | 2147 | 2175 | 2128 | 2091 | 1995 | 1936 | 1971 | 0- 10 | 197.7 | 197.7 | 2.45,0.60 |
| 20 | 2046 | 2159 | 2238 | 2146 | 2039 | 1888 | 1793 | 1879 | 10- 20 | 577.9 | 775.6 | 9.61,2.37 |
| 30 | 1986 | 2107 | 2282 | 2109 | 1964 | 1809 | 1707 | 1798 | 20- 30 | 921.6 | 1697 | 21,5.18 |
| 40 | 1903 | 2057 | 2352 | 2065 | 1872 | 1702 | 1579 | 1686 | 30- 40 | 1216 | 2913 | 36.1,8.89 |
| 50 | 1837 | 2042 | 2410 | 2045 | 1793 | 1552 | 1341 | 1531 | 40- 50 | 1442 | 4356 | 54,13.3 |
| 60 | 1846 | 2042 | 2376 | 2038 | 1781 | 1307 | 677.9 | 1228 | 50- 60 | 1573 | 5928 | 73.5,18.1 |
| 70 | 2121 | 1910 | 1110 | 1908 | 2026 | 492.0 | 75.28 | 302.0 | 60- 70 | 1472 | 7400 | 91.7,22.6 |
| 80 | 30.62 | 51.06 | 51.42 | 73.00 | 27.59 | 14.81 | 3.615 | 13.18 | 70- 80 | 657.9 | 8058 | 99.8,24.6 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 13.22 | 8071 | 100,24.6 |
| 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

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:

ISOCANDELA DIAGRAM

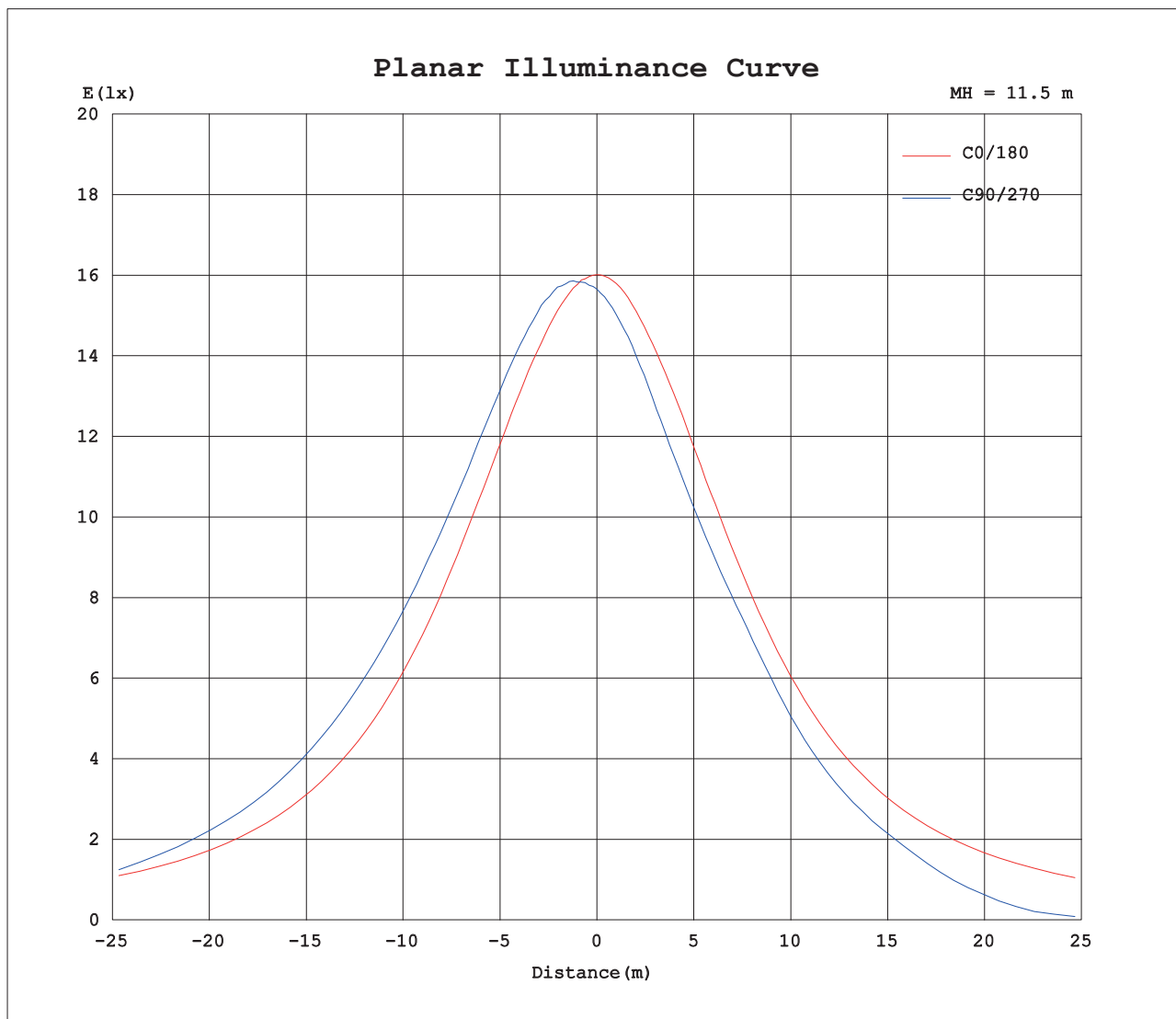
| | | |
|---|----------------|-------------------|
| Test:U:227.4V I:0.2270A P:49.90W PF:0.9670 Lamp Flux:30738.3x1 lm | | |
| NAME: LED STREET LIGHT | TYPE:LED | WEIGHT:1KG |
| DIM.: 595*340*140MM | SPEC.:50W | SERIAL No.: |
| MFR.: | SUR.:140*140MM | PROTECTION ANGLE: |



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:

Planar Illuminance Curve



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:

```

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:

```