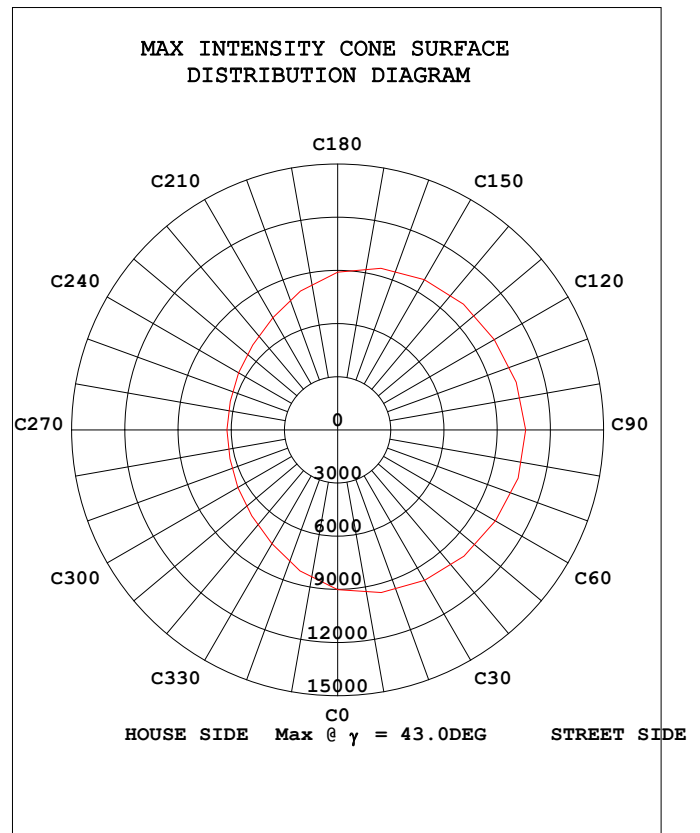
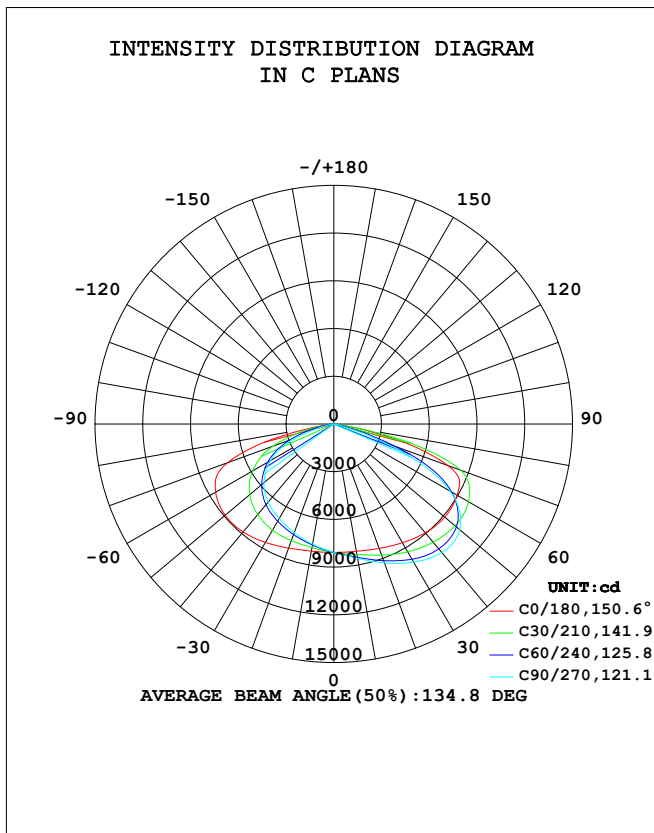


## STREETLIGHT PHOTOMETRIC TEST REPORT

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

| DATA OF LAMP     |                           | PHOTOMETRIC DATA Eff: 153.16 lm/W |         |                       |      |
|------------------|---------------------------|-----------------------------------|---------|-----------------------|------|
| MODEL            | SL 240 STD LM 50 50 8 T3M | Imax(cd)                          | 10603   | $\eta$ street_up(%)   | 0.0  |
| NOMINAL POWER(W) | 233.8                     | LOR(%)                            | 100.0   | $\eta$ street_down(%) | 58.5 |
| RATED VOLTAGE(V) | 230                       | TOTAL FLUX(lm)                    | 35808   | $\eta$ house_up(%)    | 0.0  |
| NOMINAL FLUX(lm) | 35808.3                   | MAXIMUM @ (C, $\gamma$ )          | 90,43.0 | $\eta$ house_down(%)  | 41.5 |
| LAMPS INSIDE     | 1                         | $\eta$ up(%)                      | 0.0     | 76 FLASHAREA(m2)      |      |
| TEST VOLTAGE(V)  | 229.6                     | $\eta$ down(%)                    | 100.0   | SLI                   |      |



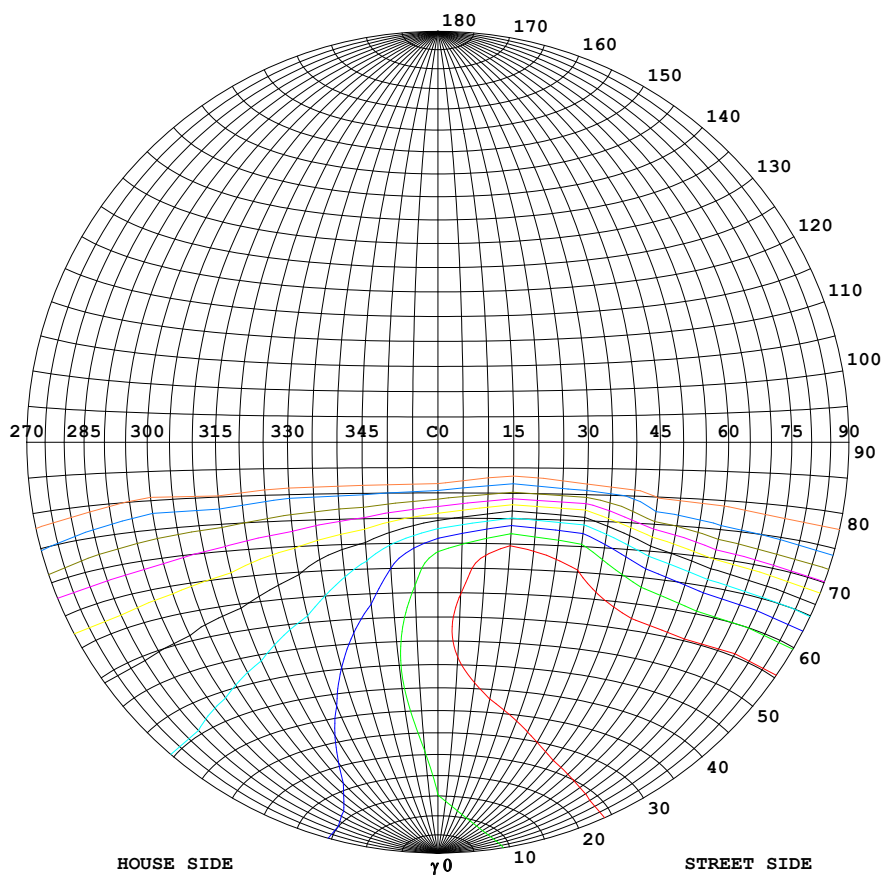
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-06-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:16.500m [K=1.0000]  
Remarks:

Note: SLI:Specific Luminaire Index

## STREETLIGHT ISOCANDELA DIAGRAM

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |



## Classification:

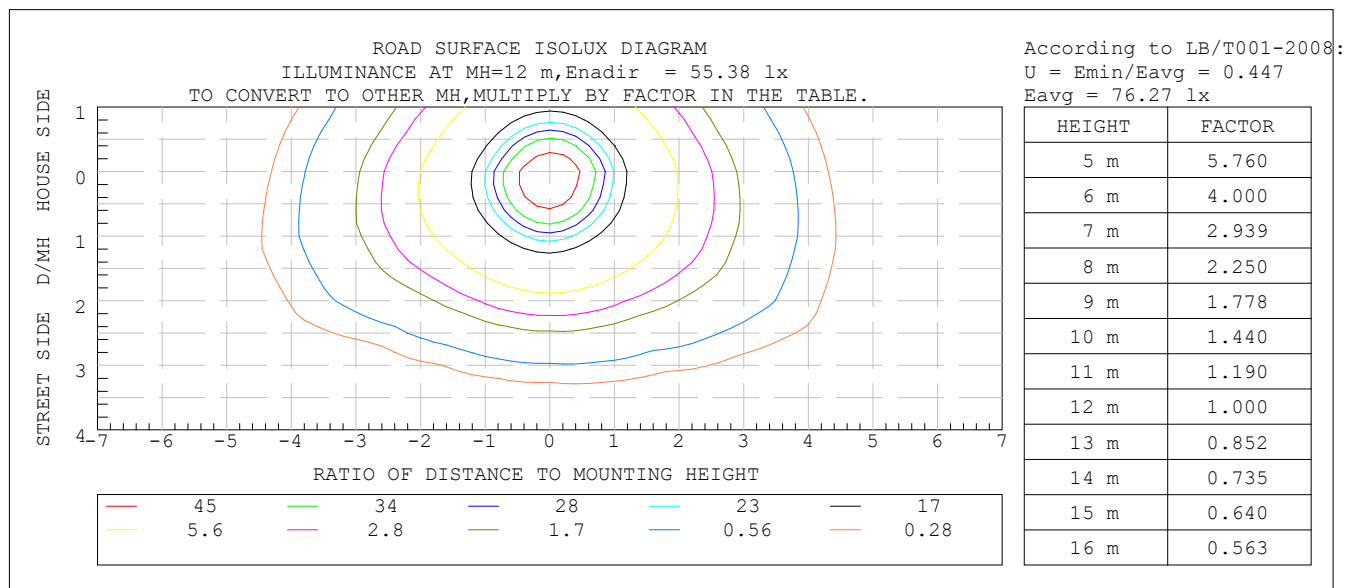
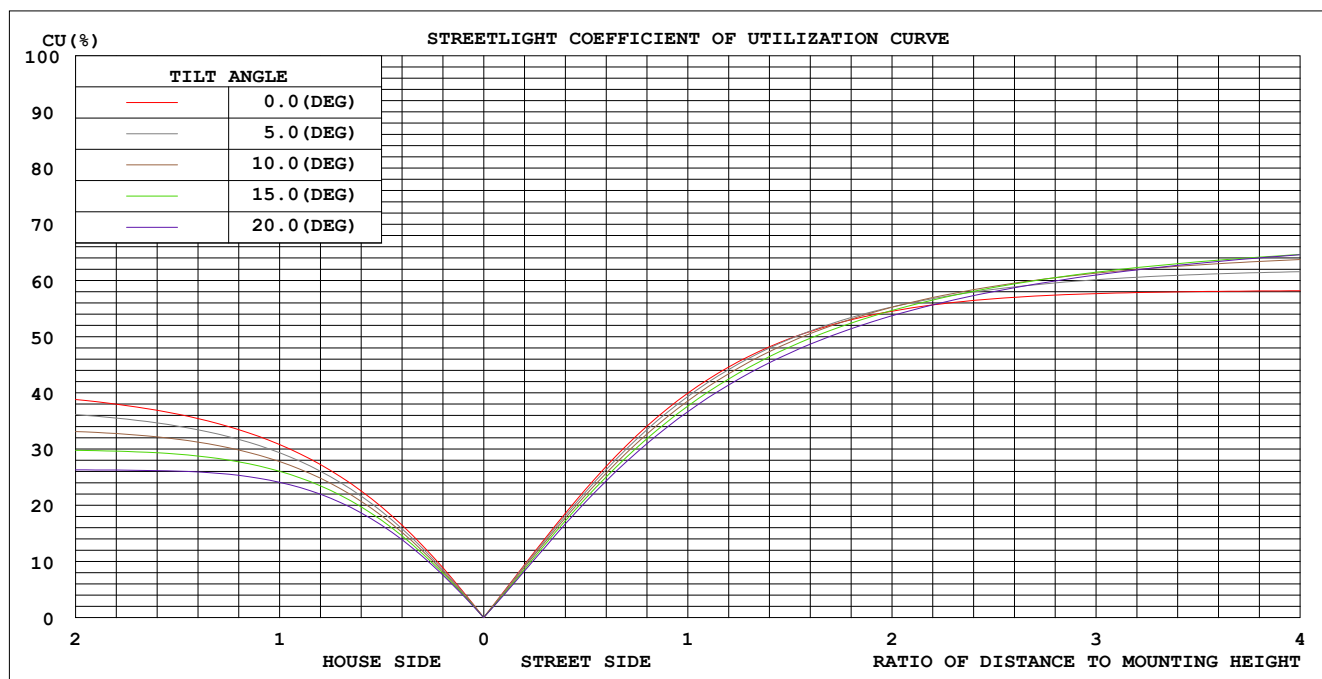
IES:Type III - Very Short  
CIE:Average - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:74.03cd/klm  
Max.At90:1.002cd/klm  
Max.80-90:74.03cd/klm  
NRB 5101:Semi limited[15.5%]

| ISOCANDELA DIAGRAM |       |
|--------------------|-------|
| UNIT               | cd    |
| Imax=100%          | 10603 |
| 90%                | 9543  |
| 80%                | 8483  |
| 70%                | 7422  |
| 60%                | 6362  |
| 50%                | 5302  |
| 40%                | 4241  |
| 30%                | 3181  |
| 20%                | 2121  |
| 10%                | 1060  |
| 5%                 | 530   |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-06-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:16.500m [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: 2025-06-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
 Humidity: 65.0%  
 Test Distance: 16.500m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

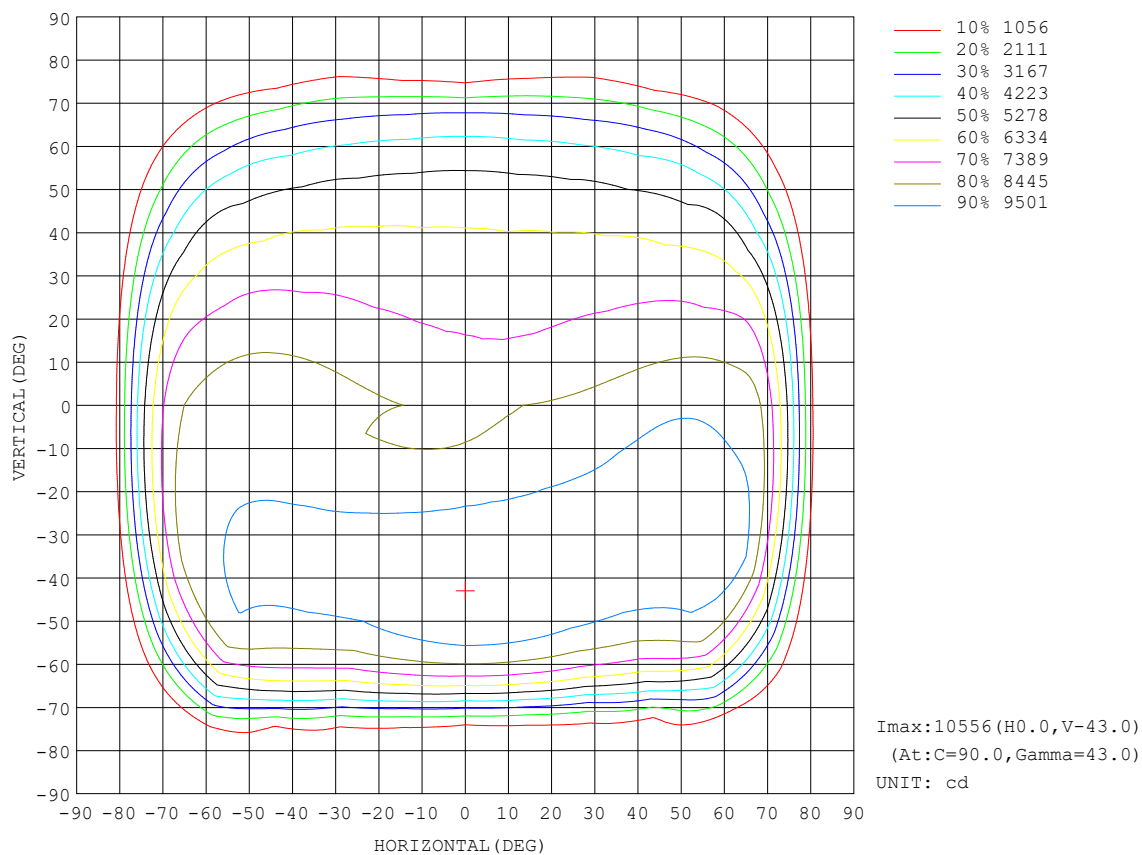
| $\gamma$ | C0                       | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum,lamp |
|----------|--------------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10       | 812.5                    | 843.0 | 857.1 | 841.2 | 811.7 | 779.8 | 767.7 | 780.4 | 0- 10    | 772.7       | 772.7        | 2.16,2.16 |
| 20       | 832.6                    | 898.5 | 929.1 | 893.8 | 830.3 | 757.1 | 726.8 | 759.9 | 10- 20   | 2325        | 3097         | 8.65,8.65 |
| 30       | 862.0                    | 959.0 | 1003  | 952.3 | 859.9 | 731.1 | 687.1 | 735.3 | 20- 30   | 3884        | 6982         | 19.5,19.5 |
| 40       | 893.4                    | 1002  | 1055  | 995.5 | 886.3 | 693.4 | 641.9 | 700.1 | 30- 40   | 5369        | 12351        | 34.5,34.5 |
| 50       | 910.2                    | 998.6 | 1033  | 1005  | 892.2 | 629.0 | 573.3 | 639.2 | 40- 50   | 6574        | 18924        | 52.8,52.8 |
| 60       | 894.6                    | 901.0 | 844.5 | 941.7 | 857.5 | 519.1 | 459.9 | 529.3 | 50- 60   | 7131        | 26055        | 72.8,72.8 |
| 70       | 763.0                    | 577.7 | 328.2 | 688.8 | 710.2 | 333.6 | 254.4 | 346.0 | 60- 70   | 6405        | 32460        | 90.7,90.7 |
| 80       | 124.8                    | 50.38 | 37.44 | 62.97 | 138.2 | 63.39 | 26.32 | 57.06 | 70- 80   | 3086        | 35546        | 99.3,99.3 |
| 90       | 3.259                    | 1.805 | 1.770 | 2.145 | 3.376 | 3.208 | 2.443 | 3.403 | 80- 90   | 262.0       | 35808        | 100,100   |
| 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:×10cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |           |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-06-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:16.500m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

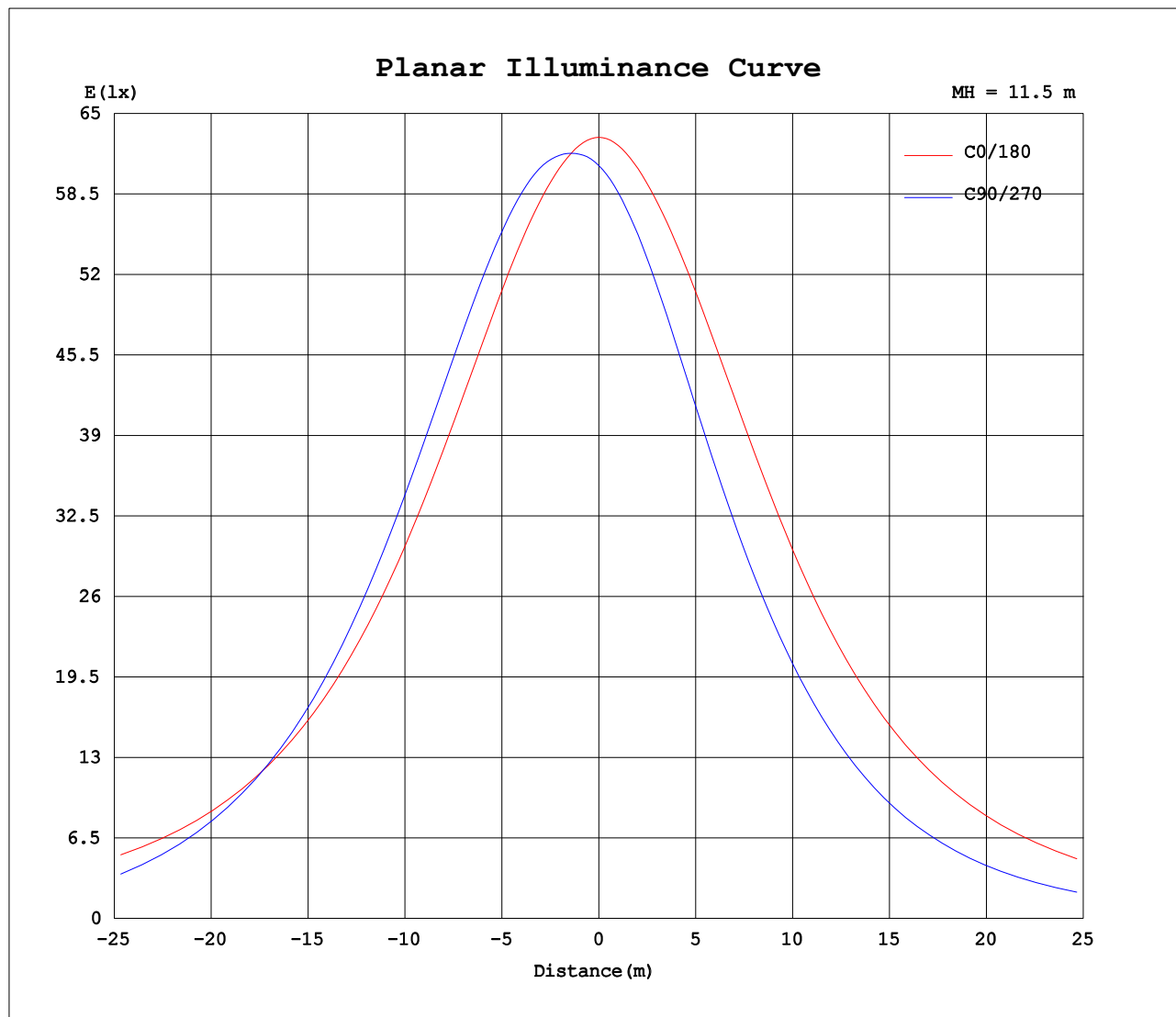
|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-06-14

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:16.500m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-06-14

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 16.500m [K=1.0000]  
Remarks:

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

UNIT:  $\times 10 \text{cd}$ [illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

```

|                                                                  |        |                   |
|------------------------------------------------------------------|--------|-------------------|
| Test:U:229.6V I:1.028A P:233.8W PF:0.9900 Lamp Flux:35808.3x1 lm |        |                   |
| NAME: SL 240 STD LM 50 50 8 T3M                                  | TYPE:  | WEIGHT:           |
| DIM.:                                                            | SPEC.: | SERIAL No.:       |
| MFR.:                                                            | SUR.:  | PROTECTION ANGLE: |

UNIT:  $\times 10 \text{cd}$ [illegible]

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:16.500m [K=1.0000]
Remarks:

```