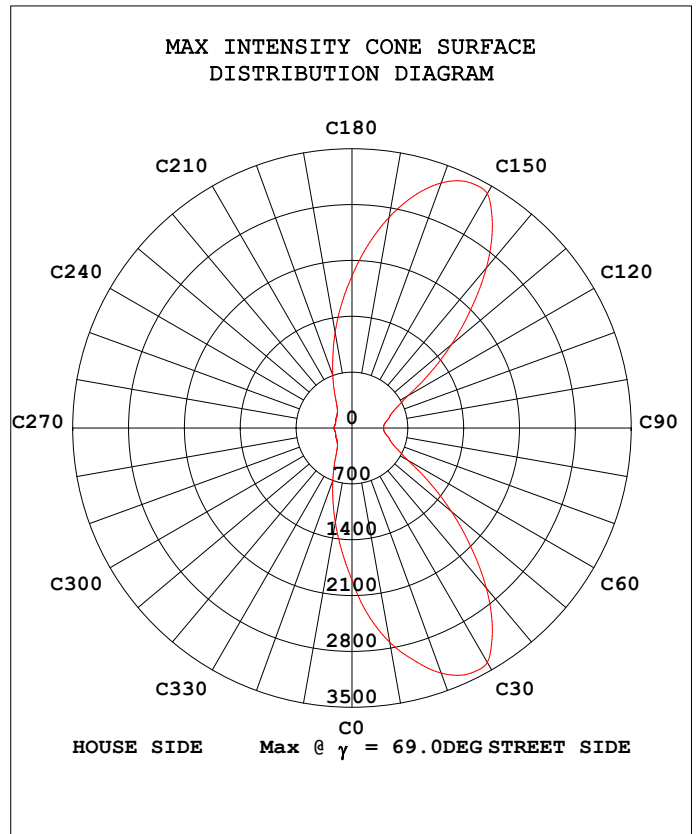
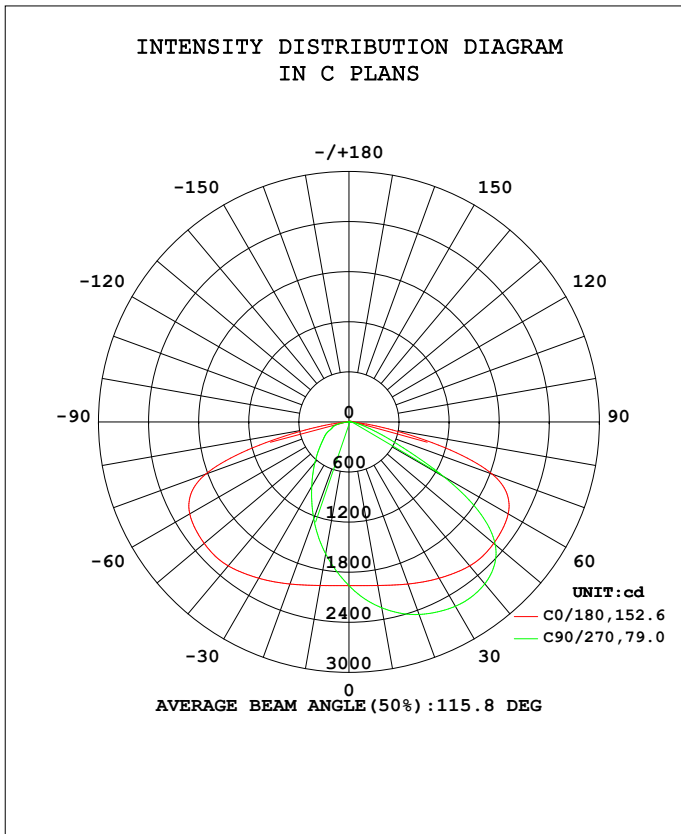


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8051.81x1 lm | | |
| NAME: ST10-060-UD-3070-A08803 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

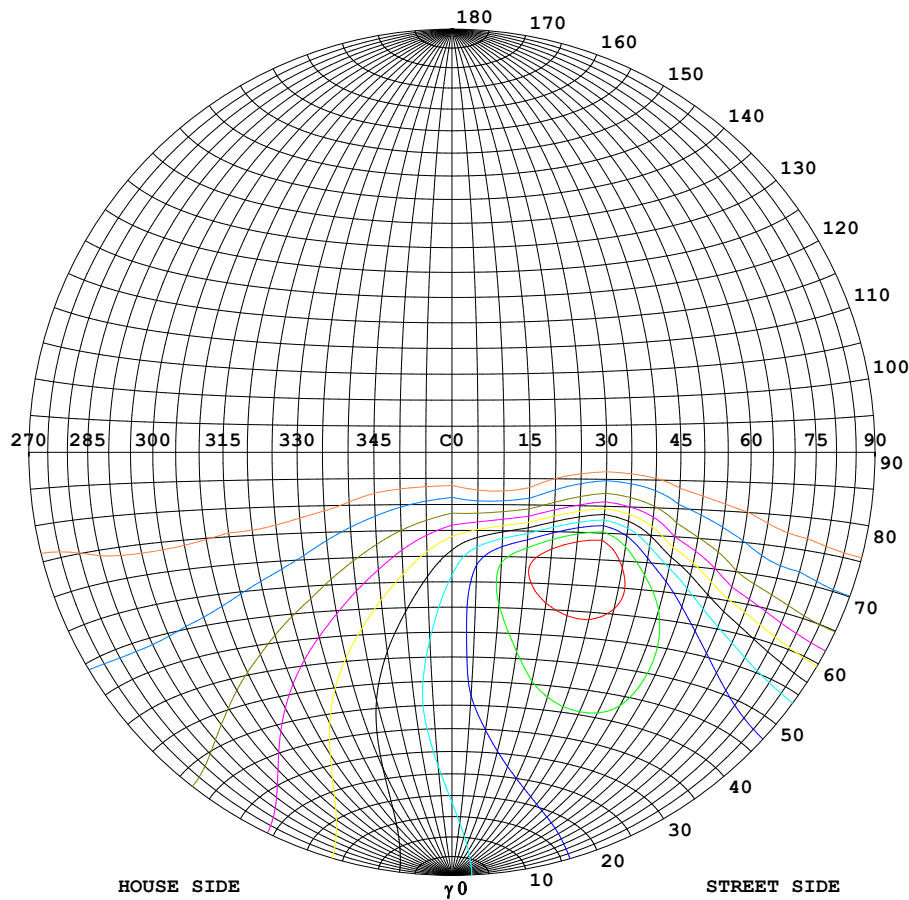
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 134.20 lm/W | | | |
|-------------------|---------|-----------------------------------|---------|-------------------|------|
| MODEL | / | I _{max} (cd) | 3420 | η street_up (%) | 0.0 |
| NOMINAL POWER (W) | / | LOR (%) | 100.0 | η street_down (%) | 70.1 |
| RATED VOLTAGE (V) | / | TOTAL FLUX (lm) | 8052 | η house_up (%) | 0.0 |
| NOMINAL FLUX (lm) | 8051.81 | MAXIMUM @ (C, γ) | 28,69.0 | η house_down (%) | 29.9 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | 76 FLASHAREA (m2) | |
| TEST VOLTAGE (V) | / | η down (%) | 100.0 | SLI | |



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

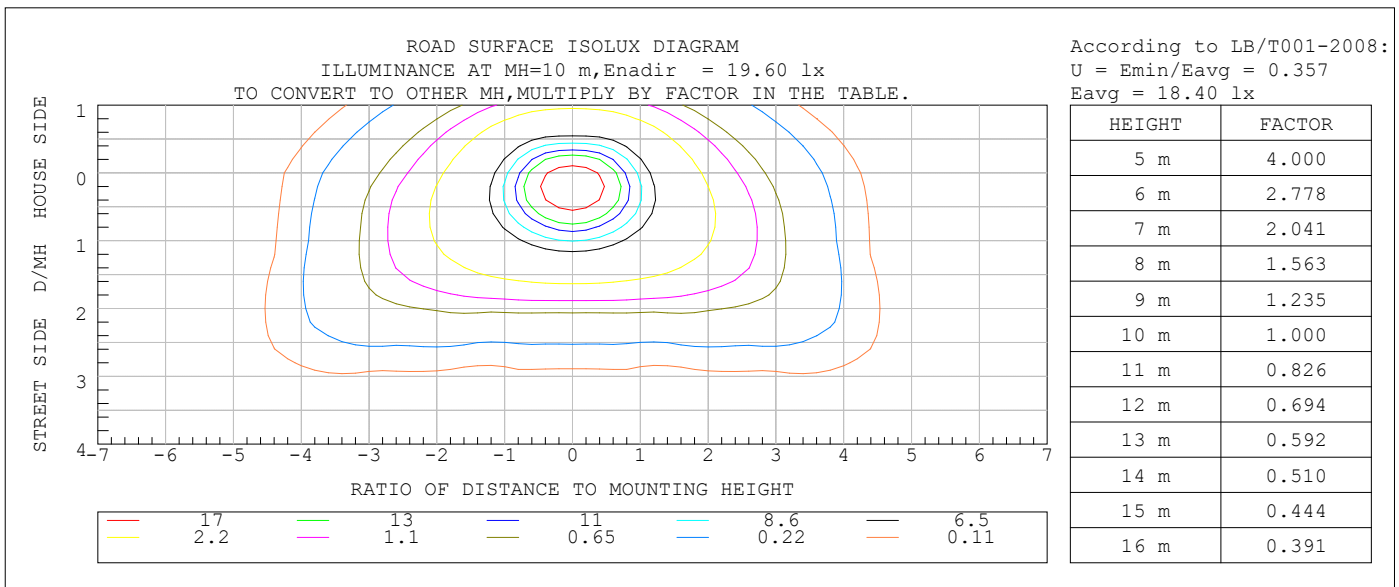
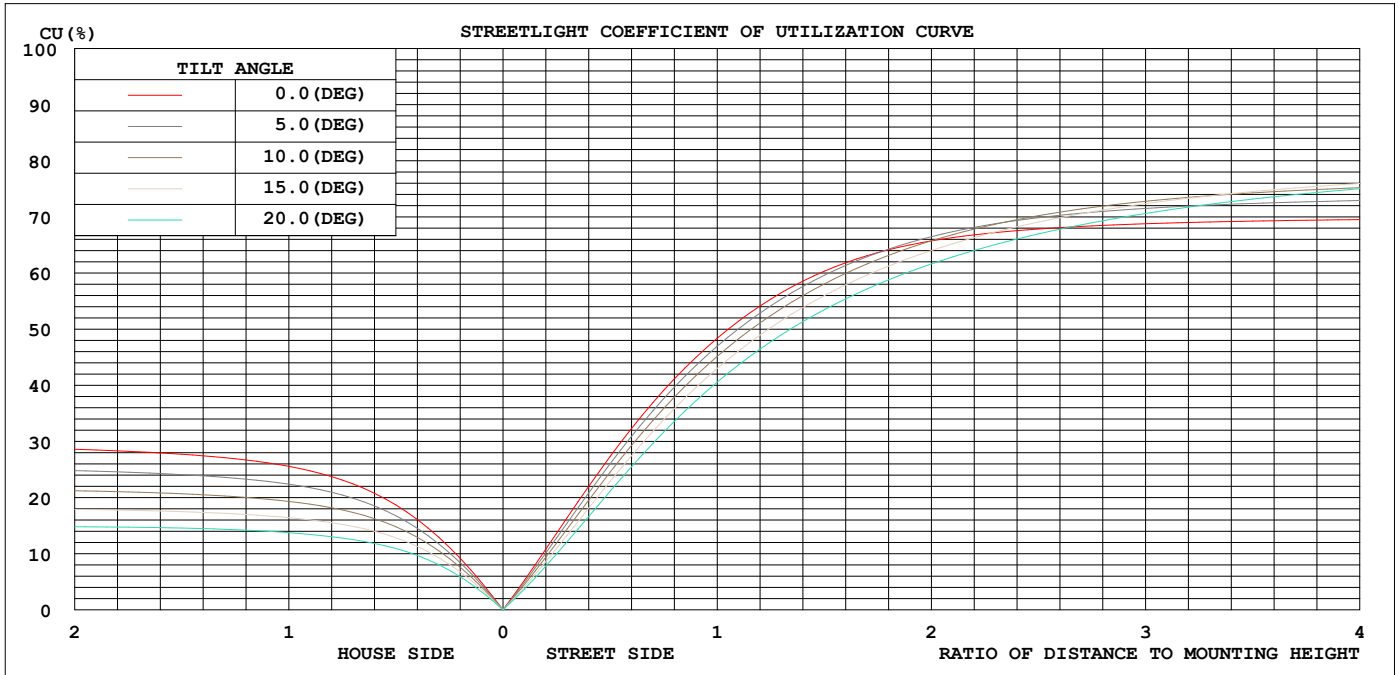
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:154.6cd/klm
 Max.At90:0.1183cd/klm
 Max.80-90:154.6cd/klm
 NRB 5101:Limited[9.5%]

| ISOCANDELA DIAGRAM | |
|--------------------|------|
| UNIT | cd |
| Imax=100% | 3420 |
| 90% | 3078 |
| 80% | 2736 |
| 70% | 2394 |
| 60% | 2052 |
| 50% | 1710 |
| 40% | 1368 |
| 30% | 1026 |
| 20% | 684 |
| 10% | 342 |
| 5% | 171 |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: LYJ
 Test Date: 2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

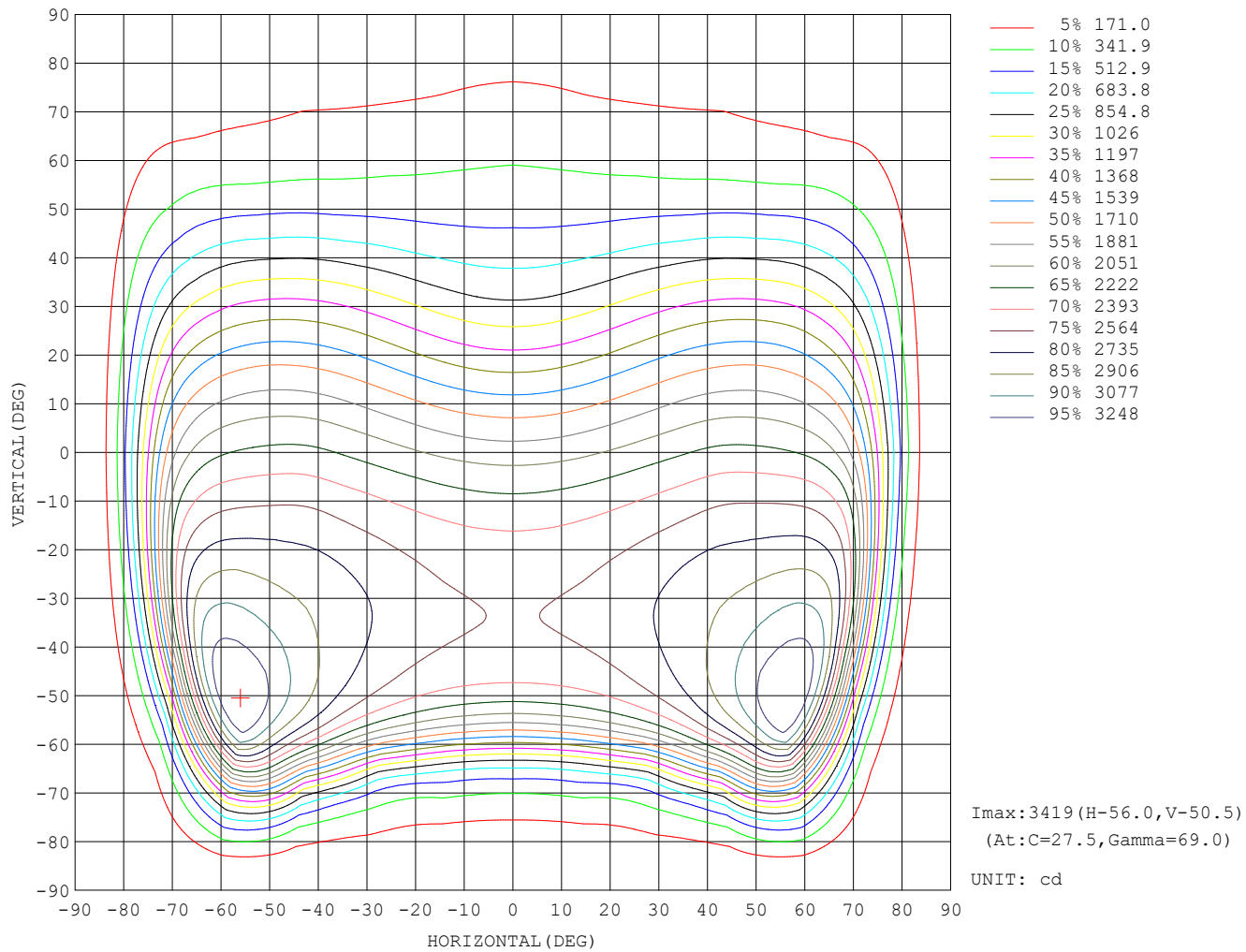
ZONAL FLUX DIAGRAM

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 1989 | 2198 | 2260 | 2198 | 1989 | 1726 | 1606 | 1726 | 0- 10 | 187.2 | 187.2 | 2.33,2.33 |
| 20 | 2066 | 2402 | 2454 | 2402 | 2066 | 1514 | 1234 | 1514 | 10- 20 | 555.5 | 742.8 | 9.22,9.22 |
| 30 | 2161 | 2570 | 2549 | 2570 | 2161 | 1314 | 893.1 | 1314 | 20- 30 | 902.3 | 1645 | 20.4,20.4 |
| 40 | 2250 | 2707 | 2531 | 2707 | 2250 | 1094 | 634.3 | 1094 | 30- 40 | 1211 | 2856 | 35.5,35.5 |
| 50 | 2263 | 2774 | 2288 | 2774 | 2263 | 796.6 | 449.4 | 796.6 | 40- 50 | 1444 | 4300 | 53.4,53.4 |
| 60 | 2202 | 2771 | 1313 | 2771 | 2202 | 459.7 | 333.0 | 459.7 | 50- 60 | 1529 | 5829 | 72.4,72.4 |
| 70 | 1825 | 1943 | 347.2 | 1943 | 1825 | 247.0 | 219.1 | 247.0 | 60- 70 | 1344 | 7173 | 89.1,89.1 |
| 80 | 478.5 | 404.8 | 91.20 | 404.8 | 478.5 | 99.43 | 110.6 | 99.43 | 70- 80 | 767.6 | 7941 | 98.6,98.6 |
| 90 | 0.5317 | 0.1885 | 0.1031 | 0.1885 | 0.5317 | 0.7079 | 0.2003 | 0.7079 | 80- 90 | 111.2 | 8052 | 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:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

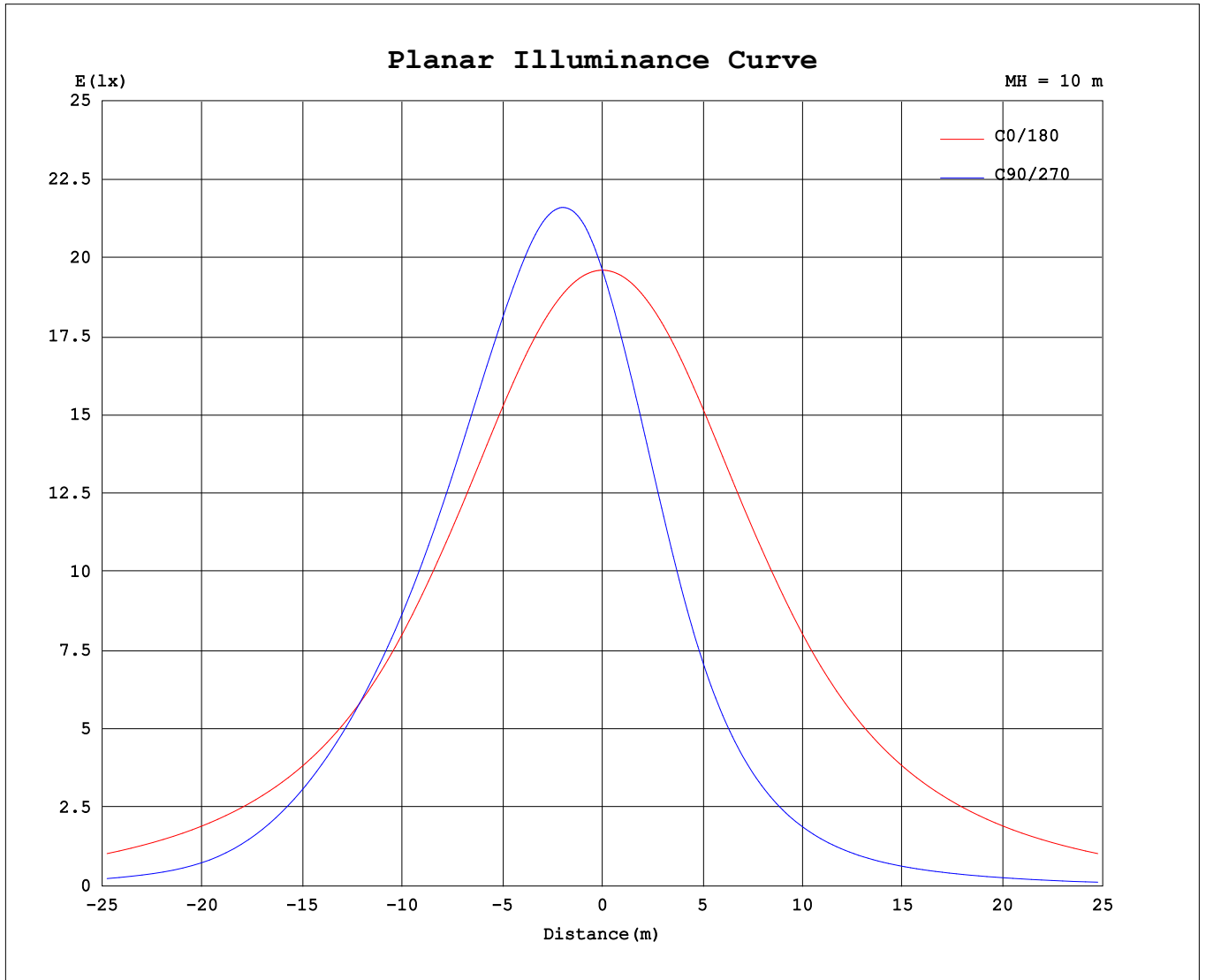
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: LYJ
 Test Date: 2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.0446]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

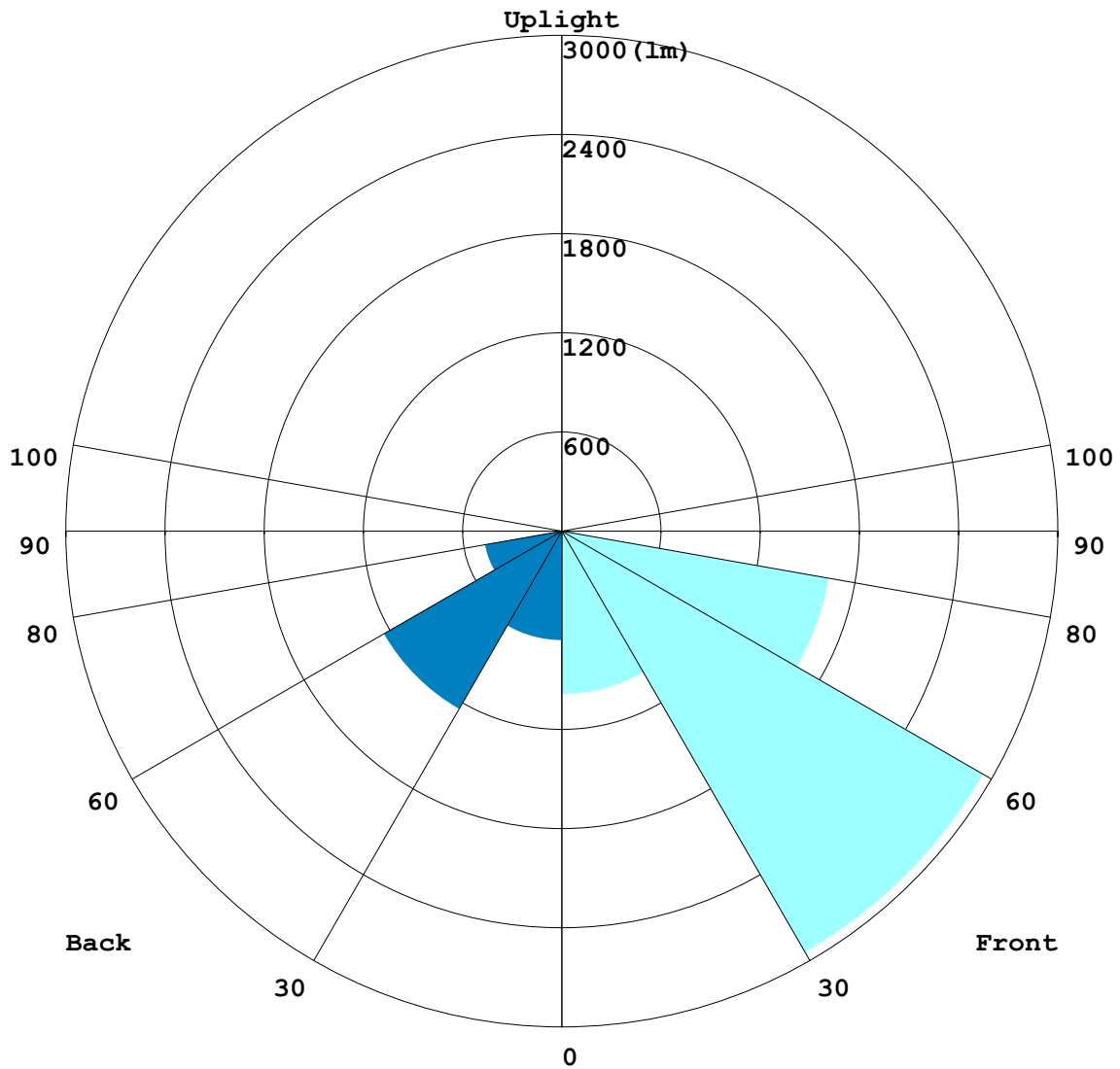
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

| | | |
|--|-------|------------------|
| Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8051.81x1 lm | | |
| NAME: ST10-060-UD-3070-A08803 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

| | | |
|---|-------|------------------|
| Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8051.81x1 lm | | |
| NAME: ST10-060-UD-3070-A08803 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|---------------|-------------|
| FL - Front-Low(0-30) | 985.76 | 12.2 |
| FM - Front-Medium(30-60) | 2941.5 | 36.5 |
| FH - Front-High(60-80) | 1639.7 | 20.4 |
| FVH - Front-Very High(80-90) | 79.796 | 1.0 |
| Total Forward Light | 5646.8 | 70.1 |

| | | |
|-----------------------------|-------------|-------------|
| BL - Back-Low(0-30) | 659.29 | 8.2 |
| BM - Back-Medium(30-60) | 1242.6 | 15.4 |
| BH - Back-High(60-80) | 471.76 | 5.9 |
| BVH - Back-Very High(80-90) | 31.412 | 0.4 |
| Total Back Light | 2405 | 29.9 |

| | | |
|----------------------------|----------|------------|
| 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 | B2-U0-G1 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side | 2405 | 0 | 2405 |
| Street Side | 5646.8 | 0 | 5646.8 |

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

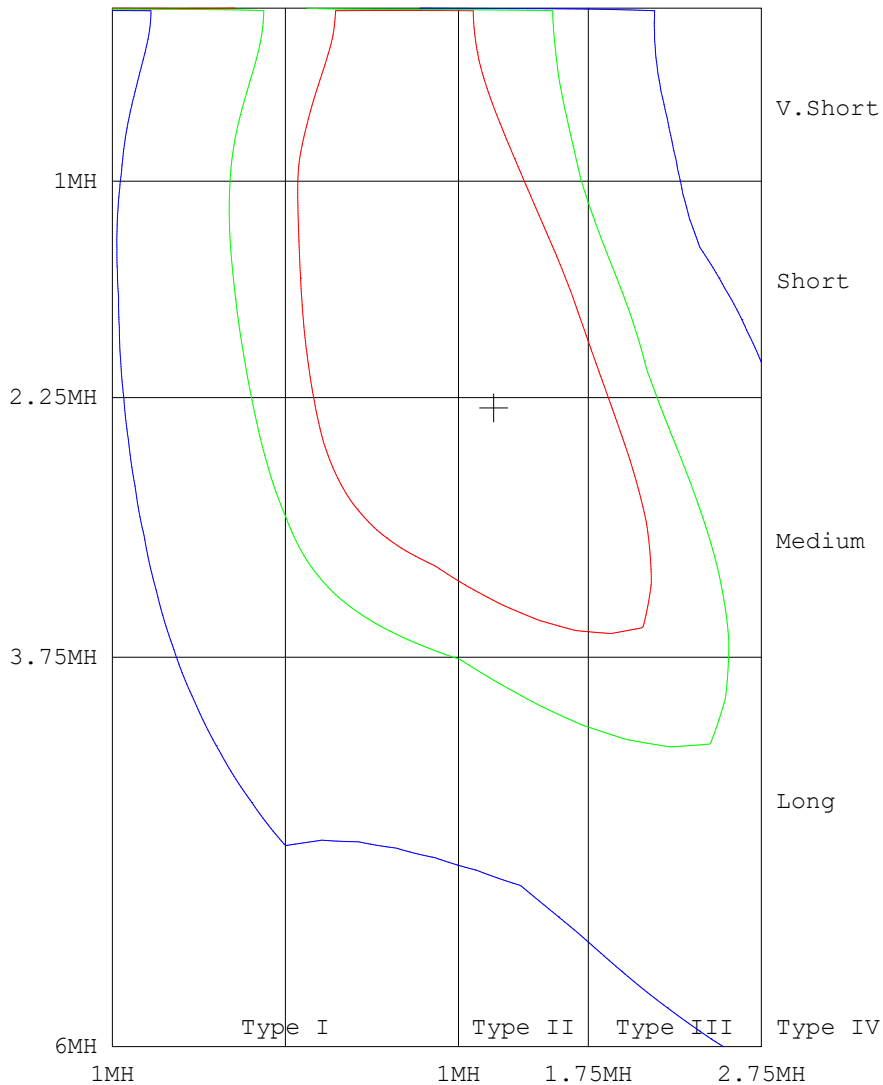
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

| | | |
|--|-------|------------------|
| Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8051.81x1 lm | | |
| NAME: ST10-060-UD-3070-A08803 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



| | | | |
|-----------------------|--|------------|-----------------------|
| C Range: 0 - 360DEG | Pavement | Road | Range: 680.88 - 90DEG |
| C Interval: 2.5DEG | 70% 2393.6 | 50% 1709.7 | 5% 85.485 |
| Test Speed: HIGH | γ Interval: 0.5DEG | | |
| Temperature: 25.3°C | Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446 | | |
| Operators: LYJ | Humidity: 65.0% | | |
| Test Date: 2022-05-04 | Test Distance: 26.000m [K=0.0446] | | |
| | Remarks: | | |

