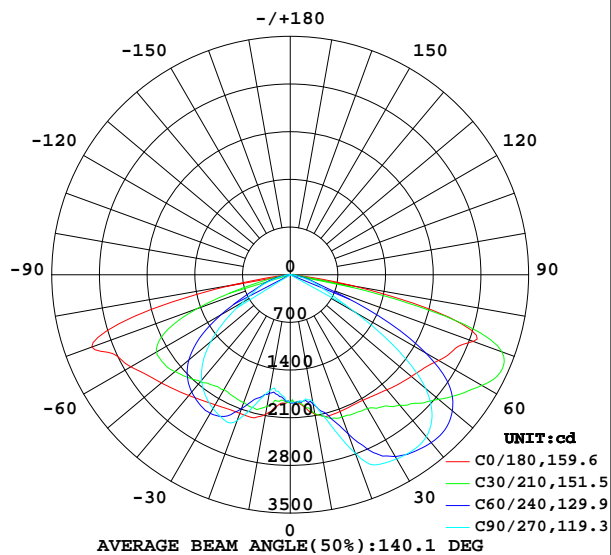
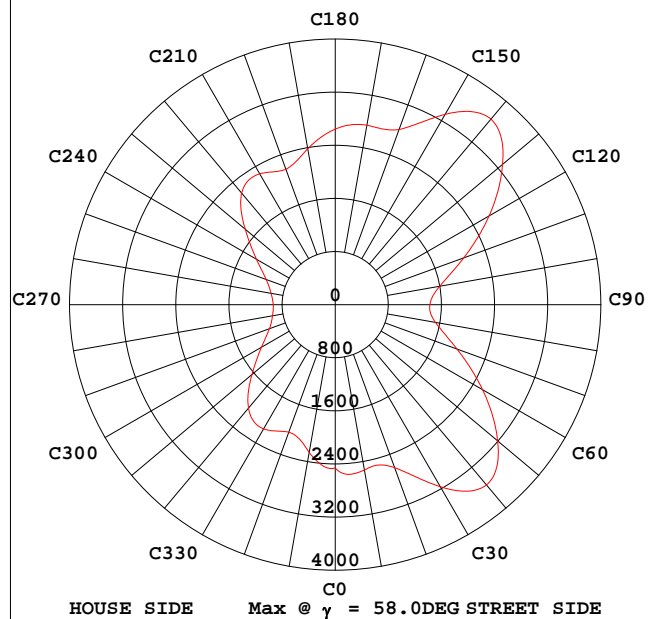


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 115.00 lm/W | | | |
|------------------|-----------------|-----------------------------------|----------|-----------------------|---------|
| MODEL | LD90LMA 3M 3030 | Imax(cd) | 3649 | η street_up(%) | 0.2 |
| NOMINAL POWER(W) | 90 | LOR(%) | 100.0 | η street_down(%) | 58.1 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 10350 | η house_up(%) | 0.2 |
| NOMINAL FLUX(lm) | 10350 | MAXIMUM @(C, γ) | 140,58.0 | η house_down(%) | 41.5 |
| LAMPS INSIDE | 1 | η up(%) | 0.4 | 76 FLASHAREA(m2) | 0.05000 |
| TEST VOLTAGE(V) | 220.1 | η down(%) | 99.6 | SLI | 23.674 |

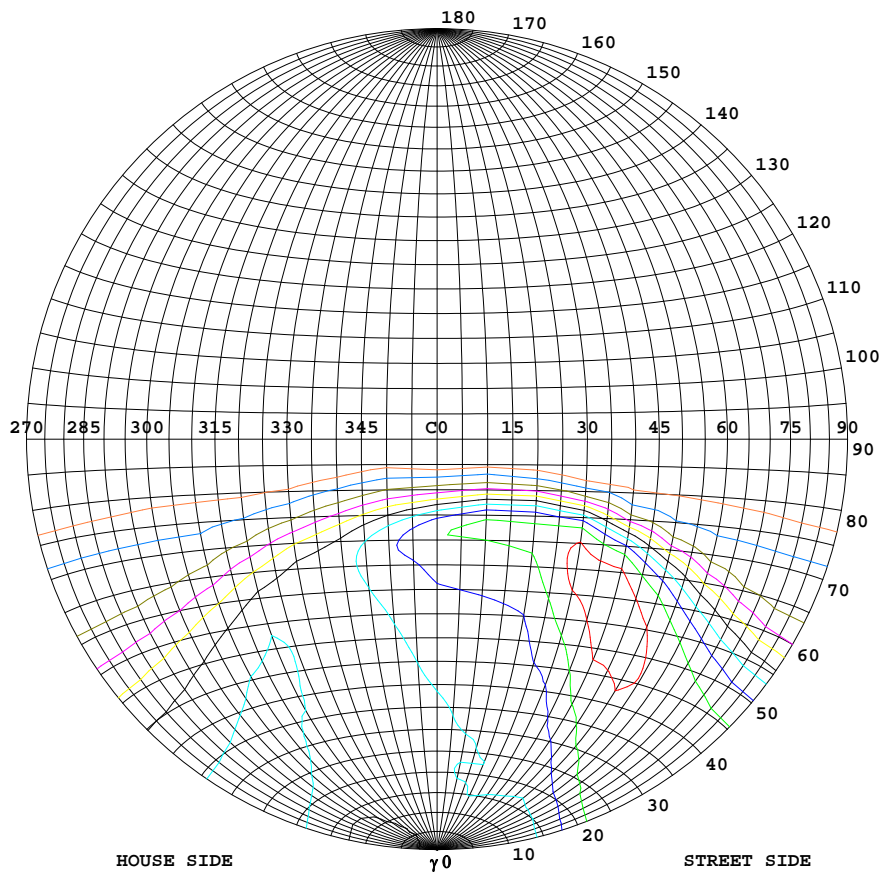
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |



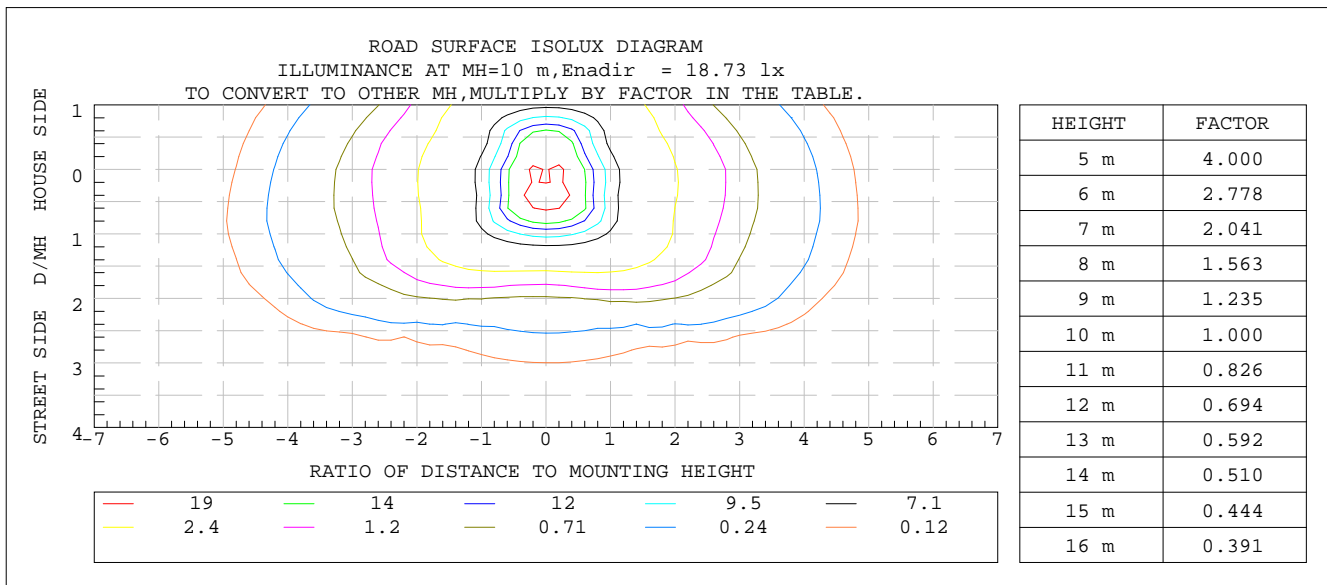
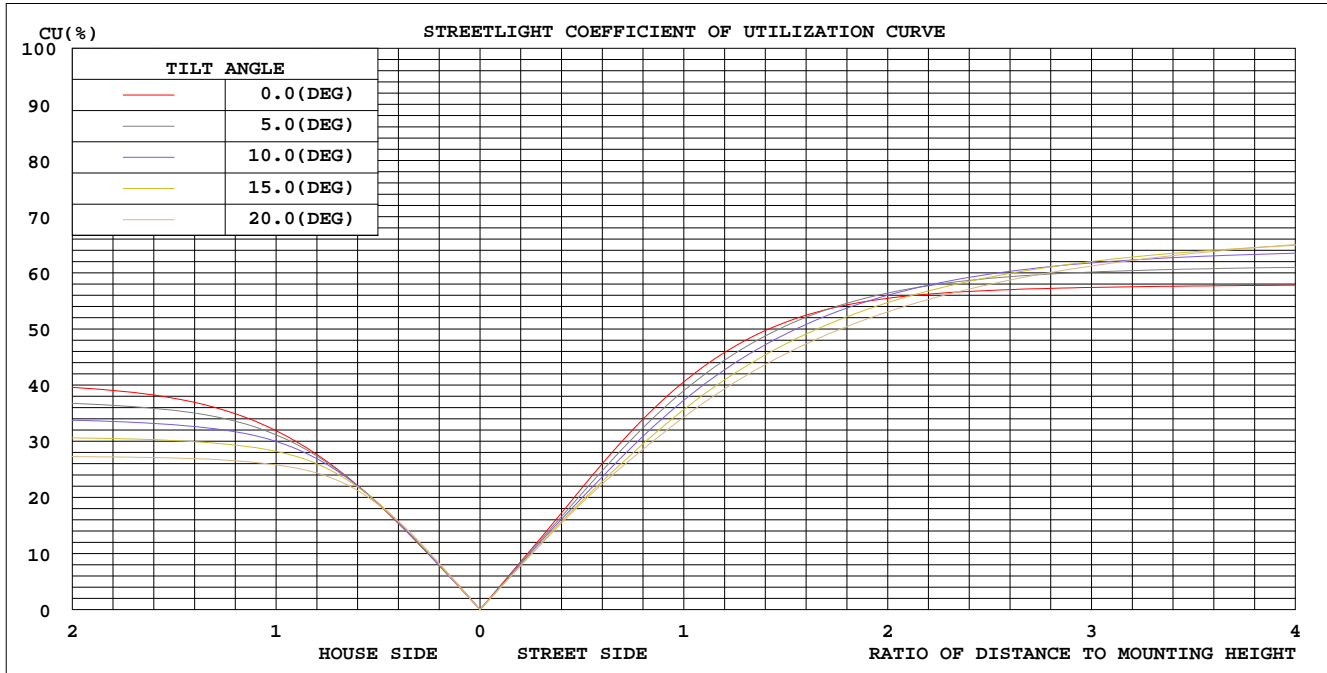
Classification:

IES:Type III - Short
 CIE:Broad - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:113.8cd/klm
 Max.At90:9.946cd/klm
 Max.80-90:113.8cd/klm

| ISOCANDELA DIAGRAM | |
|--------------------|------|
| UNIT | cd |
| Imax=100% | 3649 |
| 90% | 3284 |
| 80% | 2919 |
| 70% | 2554 |
| 60% | 2189 |
| 50% | 1825 |
| 40% | 1460 |
| 30% | 1095 |
| 20% | 730 |
| 10% | 365 |
| 5% | 182 |

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.480m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.480m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

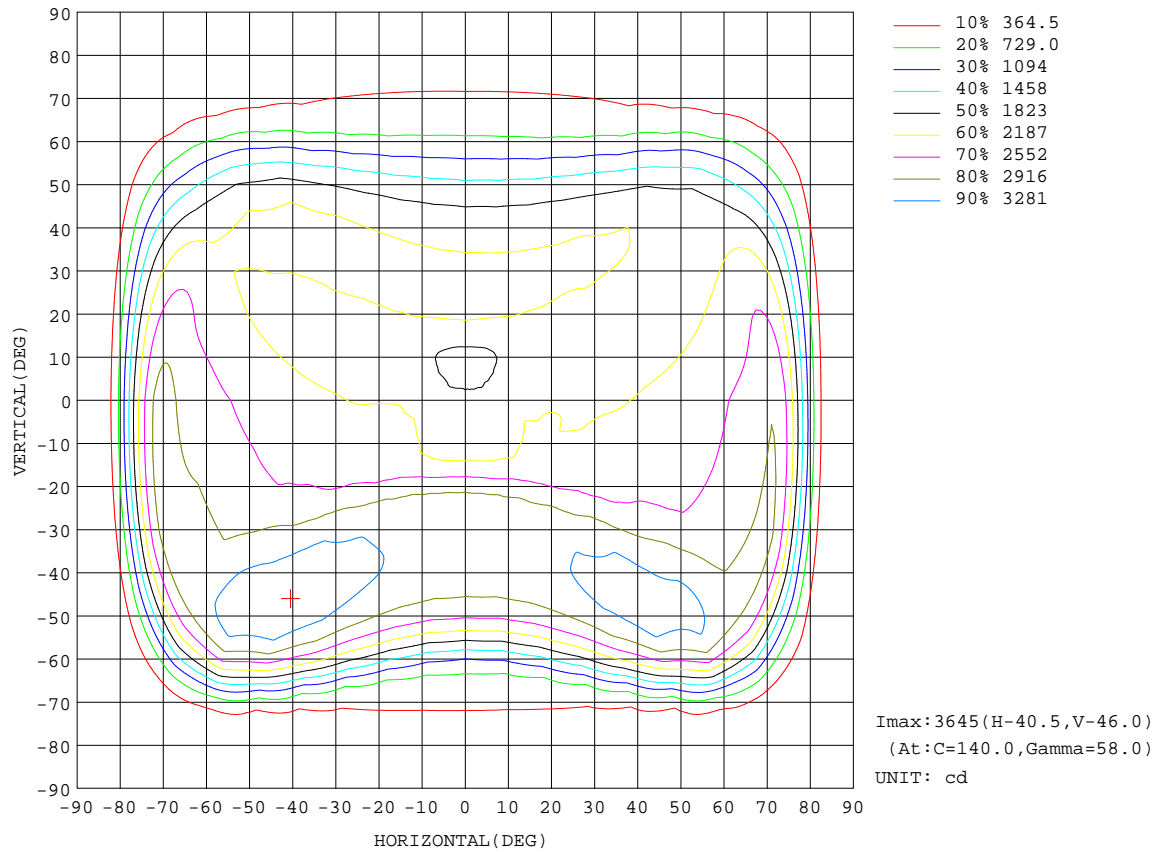
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 2077 | 1981 | 1891 | 2005 | 2081 | 1861 | 1731 | 1846 | 0- 10 | 179.5 | 179.5 | 1.73,1.73 |
| 20 | 2137 | 2275 | 2784 | 2329 | 2165 | 1967 | 2275 | 1939 | 10- 20 | 596.7 | 776.3 | 7.5,7.5 |
| 30 | 2129 | 2709 | 3123 | 2809 | 2205 | 2181 | 2267 | 2143 | 20- 30 | 1096 | 1872 | 18.1,18.1 |
| 40 | 2205 | 3115 | 3107 | 3214 | 2315 | 2324 | 2026 | 2243 | 30- 40 | 1557 | 3429 | 33.1,33.1 |
| 50 | 2323 | 3368 | 2596 | 3462 | 2470 | 2281 | 1520 | 2150 | 40- 50 | 1926 | 5355 | 51.7,51.7 |
| 60 | 2517 | 3307 | 1093 | 3399 | 2703 | 1831 | 803.4 | 1690 | 50- 60 | 2048 | 7403 | 71.5,71.5 |
| 70 | 2861 | 1938 | 431.7 | 2029 | 3101 | 713.4 | 430.1 | 678.7 | 60- 70 | 1781 | 9184 | 88.7,88.7 |
| 80 | 934.9 | 188.0 | 100.9 | 197.6 | 834.2 | 154.2 | 100.2 | 150.4 | 70- 80 | 1007 | 10191 | 98.5,98.5 |
| 90 | 7.188 | 34.12 | 5.791 | 32.70 | 8.195 | 30.21 | 6.296 | 30.81 | 80- 90 | 117.6 | 10308 | 99.6,99.6 |
| 100 | 10.67 | 28.56 | 9.200 | 26.65 | 11.50 | 28.97 | 11.37 | 30.24 | 90-100 | 39.85 | 10348 | 100,100 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 1.731 | 10350 | 100,100 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 10350 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 10350 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 10350 | 100,100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 10350 | 100,100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 10350 | 100,100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 10350 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 10350 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

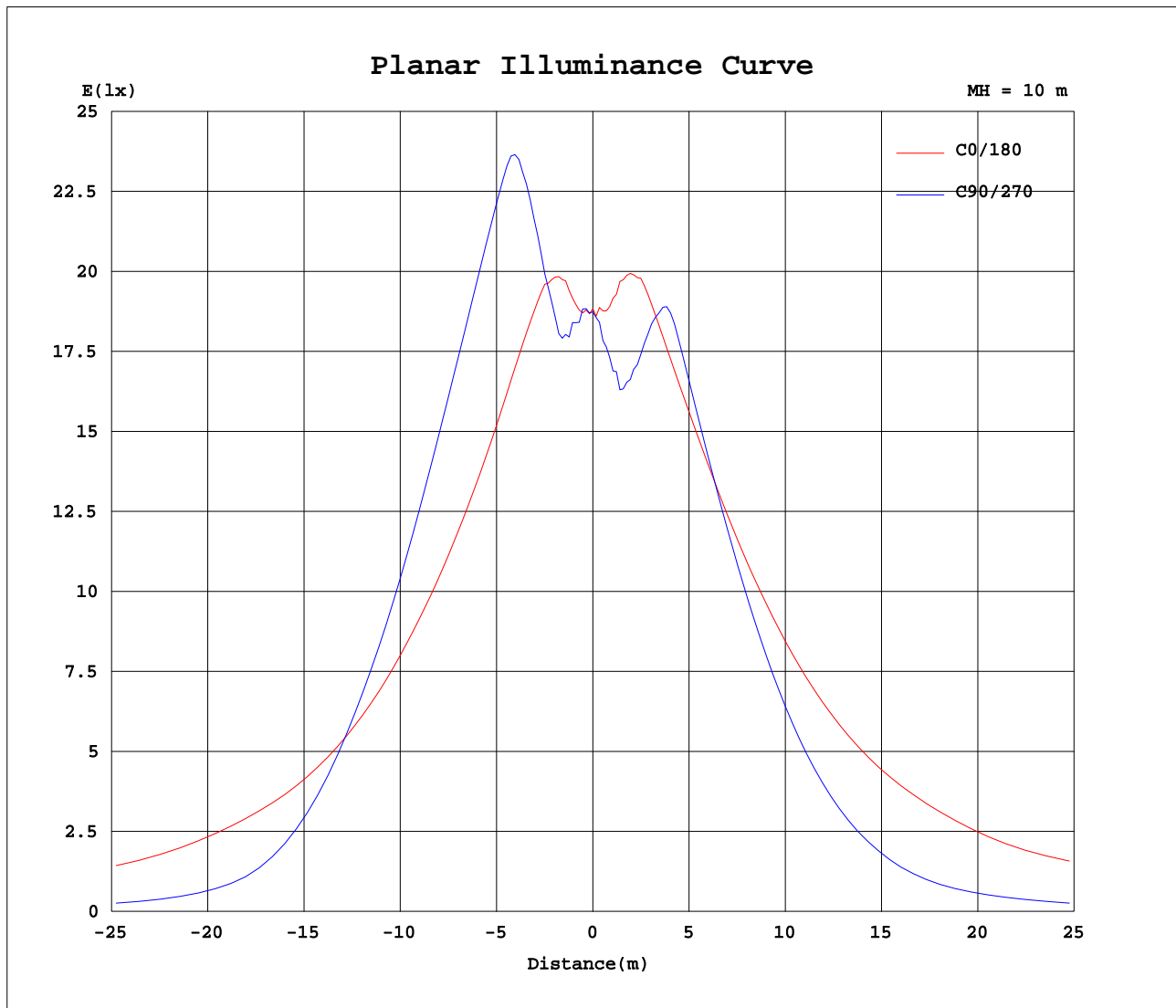
| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.480m [K=1.0000]
Remarks:

Planar Illuminance Curve



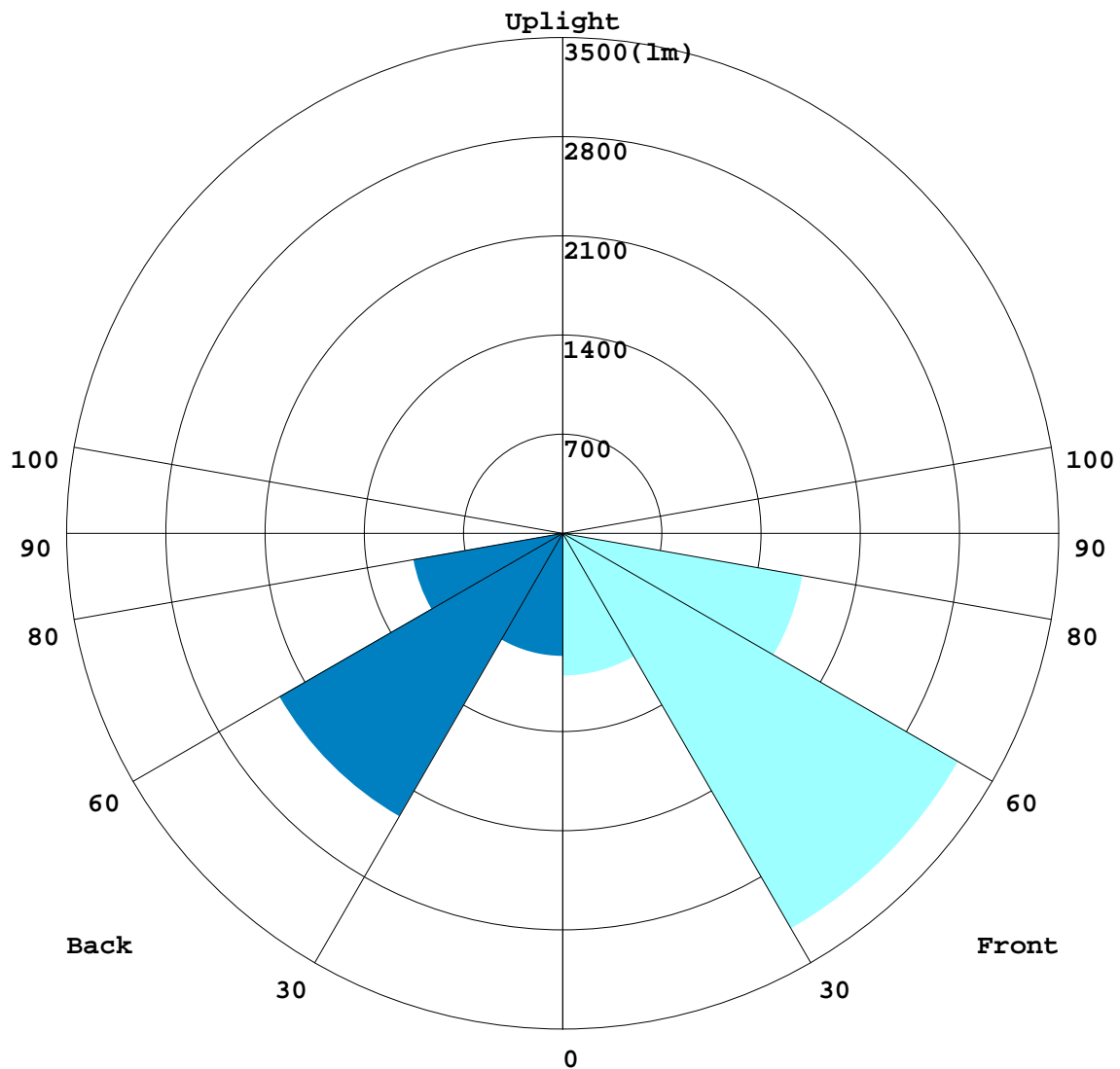
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.480m [K=1.0000]
Remarks:

LCS REPORT

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

BUG REPORT

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30) | 1005.6 | 9.7 |
| FM - Front-Medium(30-60) | 3223.1 | 31.1 |
| FH - Front-High(60-80) | 1718.4 | 16.6 |
| FVH - Front-Very High(80-90) | 67.043 | 0.6 |
| Total Forward Light | 6035.5 | 58.3 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 866.62 | 8.4 |
| BM - Back-Medium(30-60) | 2307.3 | 22.3 |
| BH - Back-High(60-80) | 1069.6 | 10.3 |
| BVH - Back-Very High(80-90) | 50.58 | 0.5 |
| Total Back Light | 4314.3 | 41.7 |

| | | |
|----------------------------|--------|-----|
| UL - Uplight-Low(90-100) | 39.852 | 0.4 |
| UH - Uplight-High(100-180) | 1.7313 | 0.0 |
| Total Up Light | 41.583 | 0.4 |

| | |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B3-U2-G3 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 4294.1 | 20.215 | 4314.3 |
| Street Side | 6014.1 | 21.368 | 6035.5 |

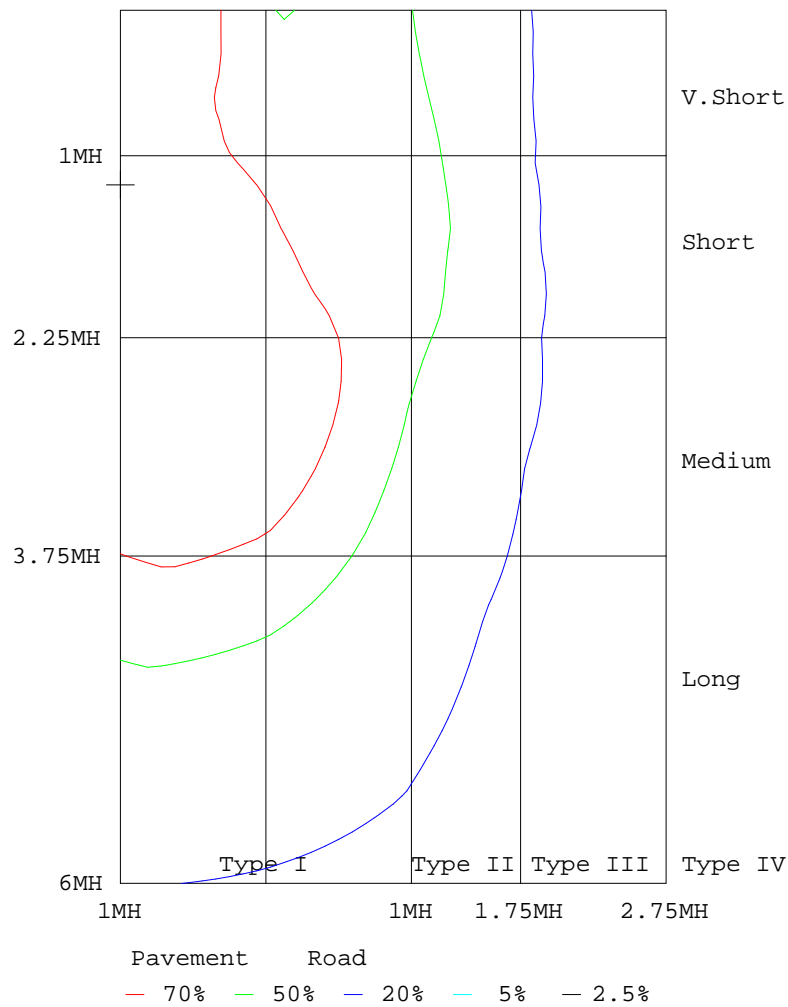
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

Table--1

UNIT: cd

| C(°) γ (°) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1883 | 1886 | 1884 | 1883 | 1884 | 1880 | 1883 | 1877 | 1882 | 1874 | 1881 | 1871 | 1877 | 1869 | 1873 | 1867 | 1867 | 1863 | 1883 |
| 5 | 1919 | 1914 | 1925 | 1901 | 1902 | 1882 | 1881 | 1863 | 1876 | 1861 | 1882 | 1872 | 1888 | 1890 | 1909 | 1906 | 1921 | 1919 | 1912 |
| 10 | 2077 | 2098 | 2086 | 2072 | 2005 | 1957 | 1927 | 1912 | 1893 | 1891 | 1905 | 1924 | 1939 | 1975 | 2034 | 2104 | 2119 | 2116 | 2081 |
| 15 | 2147 | 2150 | 2197 | 2177 | 2171 | 2121 | 2130 | 2190 | 2257 | 2279 | 2263 | 2201 | 2155 | 2159 | 2215 | 2240 | 2257 | 2201 | 2170 |
| 20 | 2137 | 2200 | 2194 | 2220 | 2237 | 2313 | 2484 | 2622 | 2758 | 2784 | 2772 | 2653 | 2521 | 2360 | 2298 | 2293 | 2266 | 2265 | 2165 |
| 25 | 2125 | 2166 | 2203 | 2245 | 2325 | 2600 | 2877 | 3013 | 3061 | 3073 | 3075 | 3046 | 2928 | 2668 | 2410 | 2320 | 2293 | 2239 | 2173 |
| 30 | 2129 | 2201 | 2234 | 2271 | 2530 | 2888 | 3083 | 3111 | 3115 | 3123 | 3130 | 3143 | 3140 | 2983 | 2636 | 2361 | 2349 | 2307 | 2205 |
| 35 | 2158 | 2242 | 2287 | 2367 | 2767 | 3106 | 3170 | 3152 | 3142 | 3144 | 3156 | 3185 | 3229 | 3188 | 2877 | 2475 | 2399 | 2347 | 2252 |
| 40 | 2205 | 2282 | 2324 | 2501 | 2996 | 3234 | 3218 | 3159 | 3113 | 3107 | 3130 | 3197 | 3279 | 3319 | 3109 | 2636 | 2453 | 2404 | 2315 |
| 45 | 2264 | 2336 | 2389 | 2671 | 3173 | 3331 | 3213 | 3072 | 2965 | 2944 | 2988 | 3116 | 3282 | 3413 | 3288 | 2813 | 2539 | 2471 | 2388 |
| 50 | 2323 | 2387 | 2458 | 2845 | 3367 | 3369 | 3106 | 2842 | 2643 | 2596 | 2679 | 2903 | 3188 | 3454 | 3469 | 3006 | 2603 | 2554 | 2470 |
| 55 | 2394 | 2463 | 2551 | 3053 | 3497 | 3301 | 2854 | 2379 | 2025 | 1932 | 2078 | 2467 | 2949 | 3395 | 3602 | 3189 | 2717 | 2662 | 2564 |
| 60 | 2517 | 2594 | 2673 | 3251 | 3550 | 3065 | 2298 | 1627 | 1196 | 1093 | 1261 | 1738 | 2426 | 3166 | 3633 | 3400 | 2866 | 2821 | 2703 |
| 65 | 2636 | 2758 | 2826 | 3399 | 3347 | 2441 | 1432 | 814 | 628 | 628 | 650 | 894 | 1565 | 2566 | 3405 | 3525 | 3004 | 2936 | 2813 |
| 70 | 2861 | 2915 | 3013 | 3305 | 2585 | 1290 | 567 | 451 | 432 | 432 | 439 | 465 | 623 | 1406 | 2651 | 3350 | 3162 | 3182 | 3101 |
| 75 | 2416 | 2788 | 2722 | 2364 | 981 | 388 | 311 | 284 | 254 | 248 | 257 | 290 | 320 | 427 | 1056 | 2291 | 2596 | 2654 | 2377 |
| 80 | 935 | 1177 | 1058 | 520 | 200 | 176 | 147 | 127 | 109 | 101 | 110 | 128 | 151 | 182 | 213 | 504 | 876 | 972 | 834 |
| 85 | 78.2 | 151 | 125 | 101 | 72.3 | 54.7 | 40.2 | 35.6 | 29.5 | 26.4 | 29.7 | 36.0 | 40.9 | 55.8 | 72.7 | 101 | 123 | 129 | 61.5 |
| 90 | 7.19 | 103 | 92.9 | 66.6 | 41.8 | 26.4 | 17.8 | 12.5 | 8.49 | 5.79 | 8.33 | 12.2 | 17.3 | 25.4 | 40.0 | 63.9 | 88.9 | 99.3 | 8.20 |
| 95 | 8.81 | 94.5 | 84.0 | 60.5 | 39.2 | 26.3 | 18.6 | 13.5 | 9.55 | 7.36 | 9.28 | 13.0 | 17.8 | 24.9 | 37.0 | 57.0 | 78.7 | 89.0 | 9.58 |
| 100 | 10.7 | 74.3 | 65.6 | 47.7 | 32.9 | 24.2 | 18.5 | 14.4 | 10.9 | 9.20 | 10.5 | 13.7 | 17.5 | 22.7 | 30.6 | 43.7 | 59.1 | 67.4 | 11.5 |
| 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: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--------|----------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:21cm*16cm | Shielding Angle: |

Table--2

UNIT: cd

| C(DEC) | 190 | 200 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | 290 | 300 | 310 | 320 | 330 | 340 | 350 | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| γ (DEC) | | | | | | | | | | | | | | | | | | | |
| 0 | 1886 | 1884 | 1883 | 1884 | 1880 | 1883 | 1877 | 1882 | 1874 | 1881 | 1871 | 1877 | 1869 | 1873 | 1867 | 1867 | 1863 | | |
| 5 | 1905 | 1878 | 1866 | 1817 | 1808 | 1795 | 1764 | 1756 | 1752 | 1757 | 1756 | 1785 | 1807 | 1808 | 1865 | 1892 | 1900 | | |
| 10 | 2046 | 1999 | 1960 | 1901 | 1822 | 1766 | 1750 | 1725 | 1731 | 1712 | 1742 | 1759 | 1806 | 1885 | 1934 | 1989 | 2036 | | |
| 15 | 2168 | 2092 | 2032 | 1950 | 1892 | 1879 | 1904 | 1943 | 1970 | 1944 | 1901 | 1862 | 1874 | 1923 | 1994 | 2051 | 2118 | | |
| 20 | 2118 | 2078 | 1997 | 1954 | 1980 | 2090 | 2178 | 2242 | 2275 | 2238 | 2172 | 2079 | 1969 | 1909 | 1960 | 2032 | 2060 | | |
| 25 | 2121 | 2051 | 1974 | 1980 | 2144 | 2296 | 2351 | 2346 | 2336 | 2335 | 2330 | 2281 | 2128 | 1939 | 1913 | 1985 | 2078 | | |
| 30 | 2133 | 2032 | 1946 | 2078 | 2283 | 2350 | 2319 | 2283 | 2267 | 2269 | 2288 | 2308 | 2248 | 2038 | 1897 | 1960 | 2056 | | |
| 35 | 2137 | 2017 | 1979 | 2188 | 2349 | 2321 | 2247 | 2194 | 2170 | 2176 | 2208 | 2262 | 2285 | 2148 | 1920 | 1949 | 2067 | | |
| 40 | 2166 | 2028 | 2050 | 2298 | 2350 | 2249 | 2139 | 2062 | 2026 | 2040 | 2093 | 2179 | 2262 | 2223 | 1976 | 1947 | 2098 | | |
| 45 | 2209 | 2037 | 2130 | 2342 | 2309 | 2136 | 1972 | 1864 | 1813 | 1836 | 1917 | 2050 | 2203 | 2250 | 2055 | 1954 | 2121 | | |
| 50 | 2260 | 2075 | 2212 | 2363 | 2200 | 1942 | 1721 | 1581 | 1520 | 1552 | 1660 | 1847 | 2072 | 2227 | 2111 | 1972 | 2159 | | |
| 55 | 2329 | 2129 | 2268 | 2291 | 1981 | 1629 | 1365 | 1221 | 1163 | 1194 | 1303 | 1535 | 1843 | 2148 | 2140 | 2018 | 2213 | | |
| 60 | 2422 | 2199 | 2268 | 2076 | 1586 | 1172 | 927 | 836 | 803 | 820 | 887 | 1094 | 1460 | 1920 | 2135 | 2063 | 2300 | | |
| 65 | 2564 | 2193 | 2044 | 1583 | 1006 | 719 | 608 | 594 | 590 | 590 | 594 | 677 | 925 | 1466 | 1937 | 2095 | 2421 | | |
| 70 | 2527 | 1892 | 1453 | 877 | 550 | 456 | 443 | 437 | 430 | 434 | 437 | 446 | 521 | 836 | 1434 | 1886 | 2473 | | |
| 75 | 1792 | 1114 | 639 | 388 | 302 | 289 | 260 | 240 | 226 | 237 | 254 | 283 | 296 | 382 | 660 | 1184 | 1826 | | |
| 80 | 664 | 334 | 198 | 160 | 148 | 137 | 120 | 111 | 100 | 108 | 117 | 132 | 144 | 157 | 202 | 399 | 747 | | |
| 85 | 127 | 96.9 | 72.2 | 57.5 | 47.6 | 40.1 | 35.8 | 32.3 | 27.5 | 31.6 | 35.1 | 39.0 | 46.2 | 57.2 | 72.1 | 101 | 139 | | |
| 90 | 89.1 | 74.1 | 52.3 | 35.4 | 25.0 | 18.2 | 13.1 | 9.16 | 6.30 | 8.98 | 13.0 | 18.3 | 25.4 | 36.2 | 54.1 | 77.8 | 94.9 | | |
| 95 | 81.3 | 68.6 | 49.6 | 35.2 | 26.2 | 20.0 | 14.9 | 10.9 | 8.55 | 10.9 | 15.2 | 20.5 | 26.9 | 36.4 | 51.9 | 73.1 | 88.5 | | |
| 100 | 63.9 | 55.3 | 42.0 | 32.1 | 25.8 | 21.0 | 16.8 | 13.1 | 11.4 | 13.3 | 17.3 | 21.8 | 26.8 | 33.7 | 44.7 | 60.3 | 71.8 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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 | | |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2017.10.31

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.480m [K=1.0000]
Remarks: