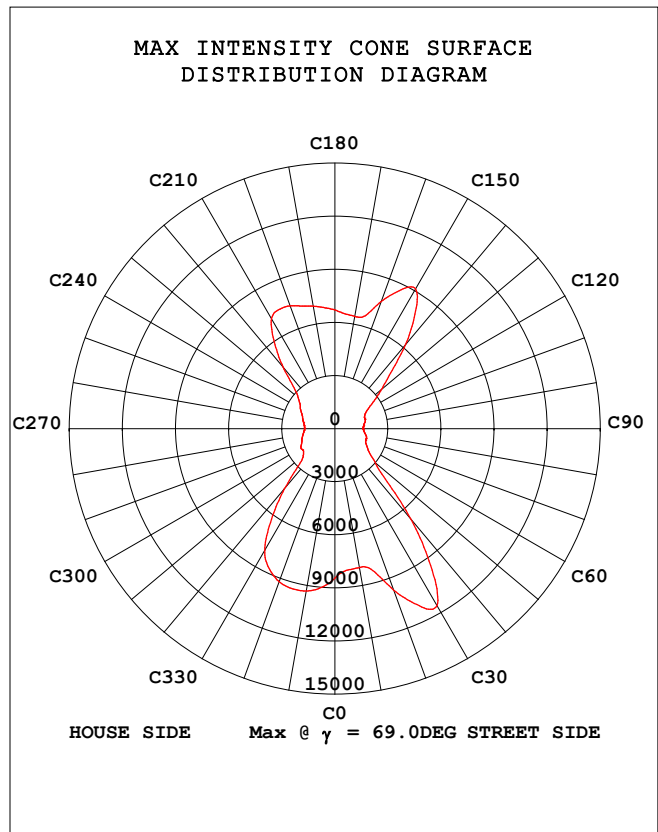
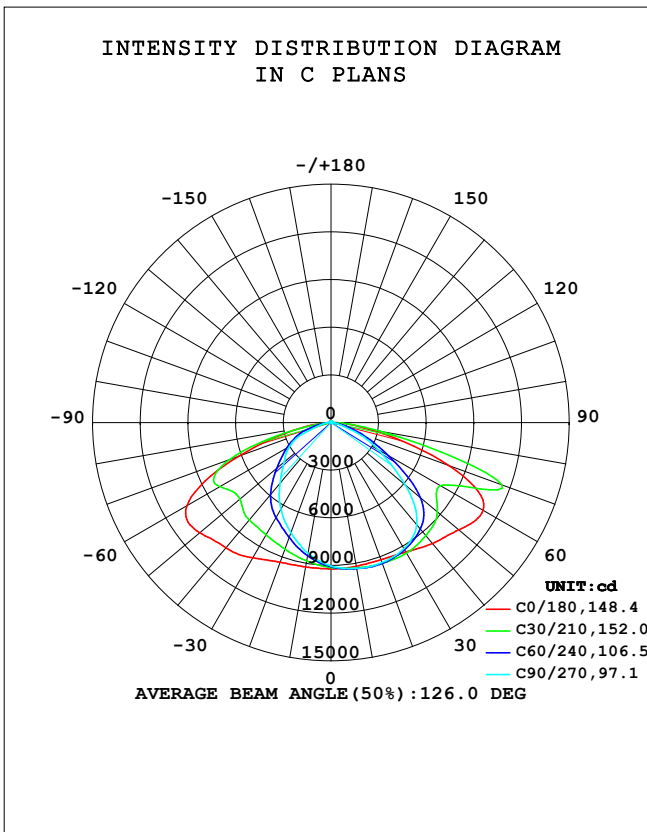


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 172.43 lm/W | | | |
|-------------------|--------------------|-----------------------------------|---------|-------------------|------|
| MODEL | ALDS2-SW3B300-xDS3 | I _{max} (cd) | 11546 | η street_up (%) | 0.6 |
| NOMINAL POWER (W) | 200 | LOR (%) | 100.0 | η street_down (%) | 53.5 |
| RATED VOLTAGE (V) | 240 | TOTAL FLUX (lm) | 34184 | η house_up (%) | 0.7 |
| NOMINAL FLUX (lm) | 34182.5 | MAXIMUM @ (C, γ) | 30,69.0 | η house_down (%) | 45.3 |
| LAMPS INSIDE | 1 | η up (%) | 1.2 | 76 FLASHAREA (m2) | |
| TEST VOLTAGE (V) | 240 | η down (%) | 98.8 | SLI | |

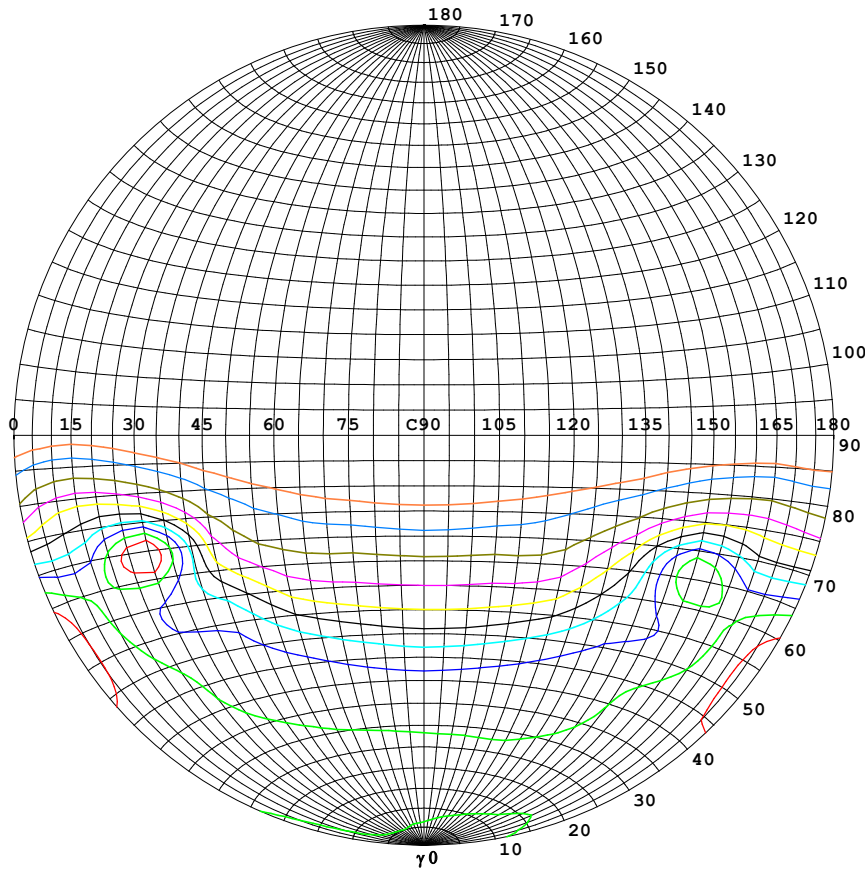


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



Classification:

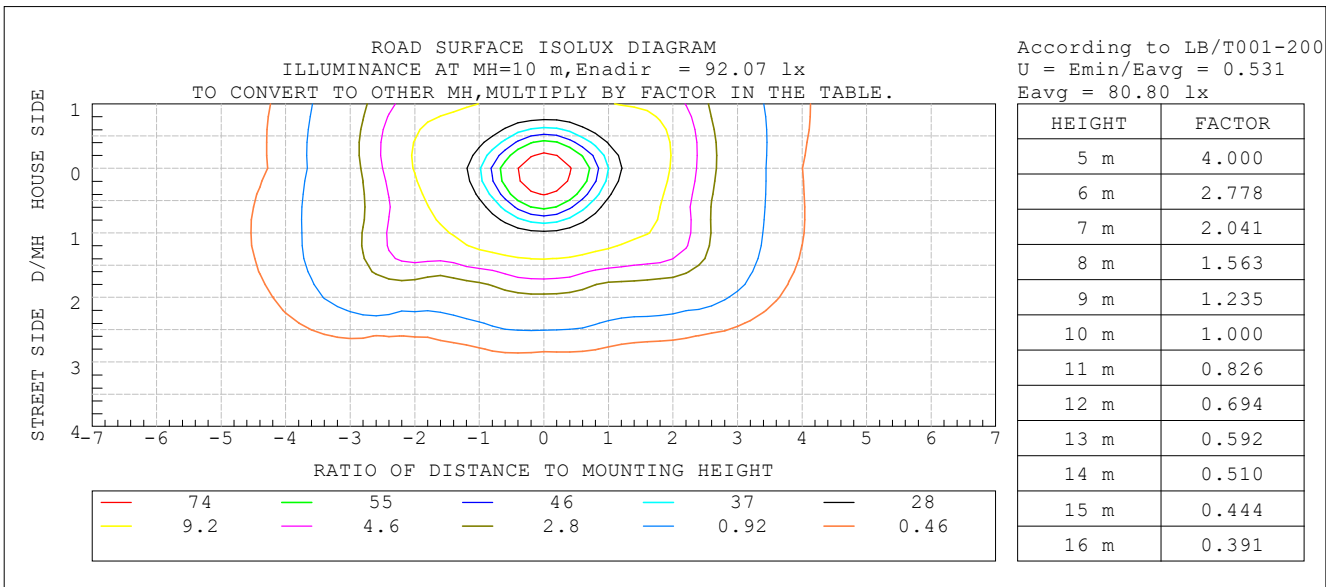
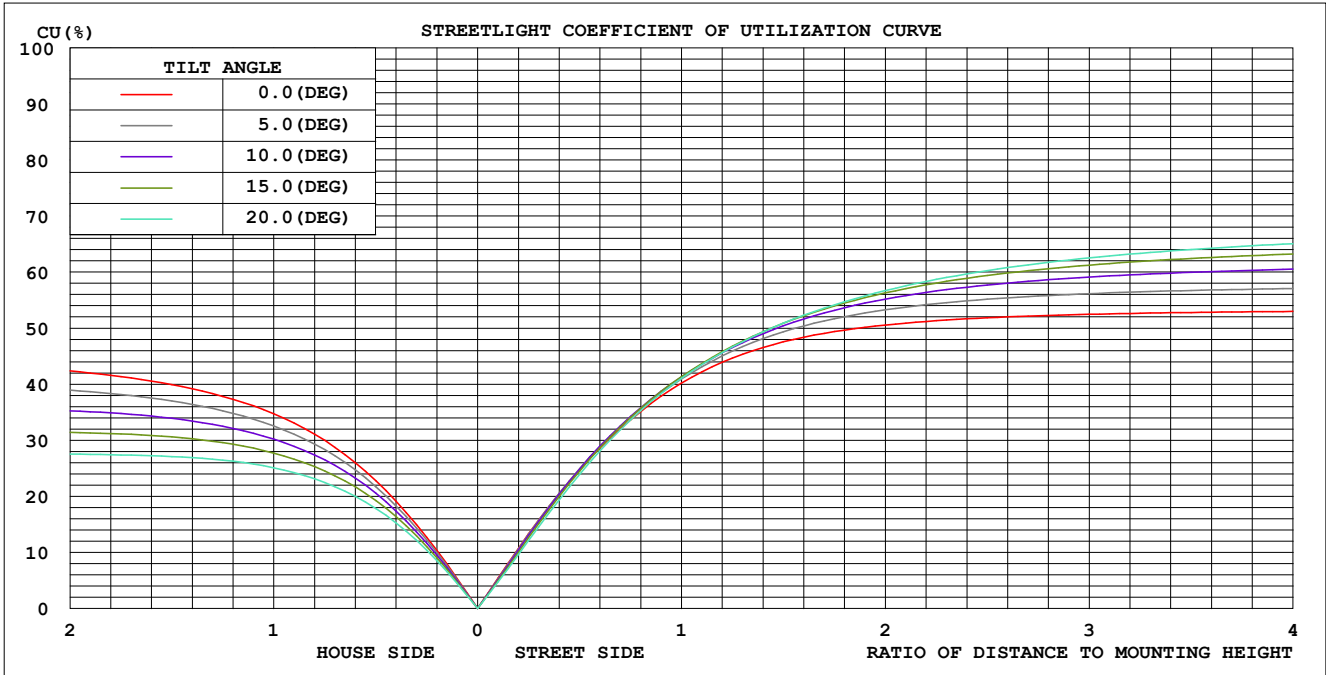
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:115.2cd/klm
 Max.At90:7.946cd/klm
 Max.80-90:115.2cd/klm
 NRB 5101:Limited[9.9%]

| ISOCANDELA DIAGRAM | |
|------------------------|-------|
| UNIT | cd |
| I _{max} =100% | 11546 |
| 90% | 10391 |
| 80% | 9236 |
| 70% | 8082 |
| 60% | 6927 |
| 50% | 5773 |
| 40% | 4618 |
| 30% | 3464 |
| 20% | 2309 |
| 10% | 1155 |
| 5% | 577 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

gamma Range: 0 - 180DEG
 gamma Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

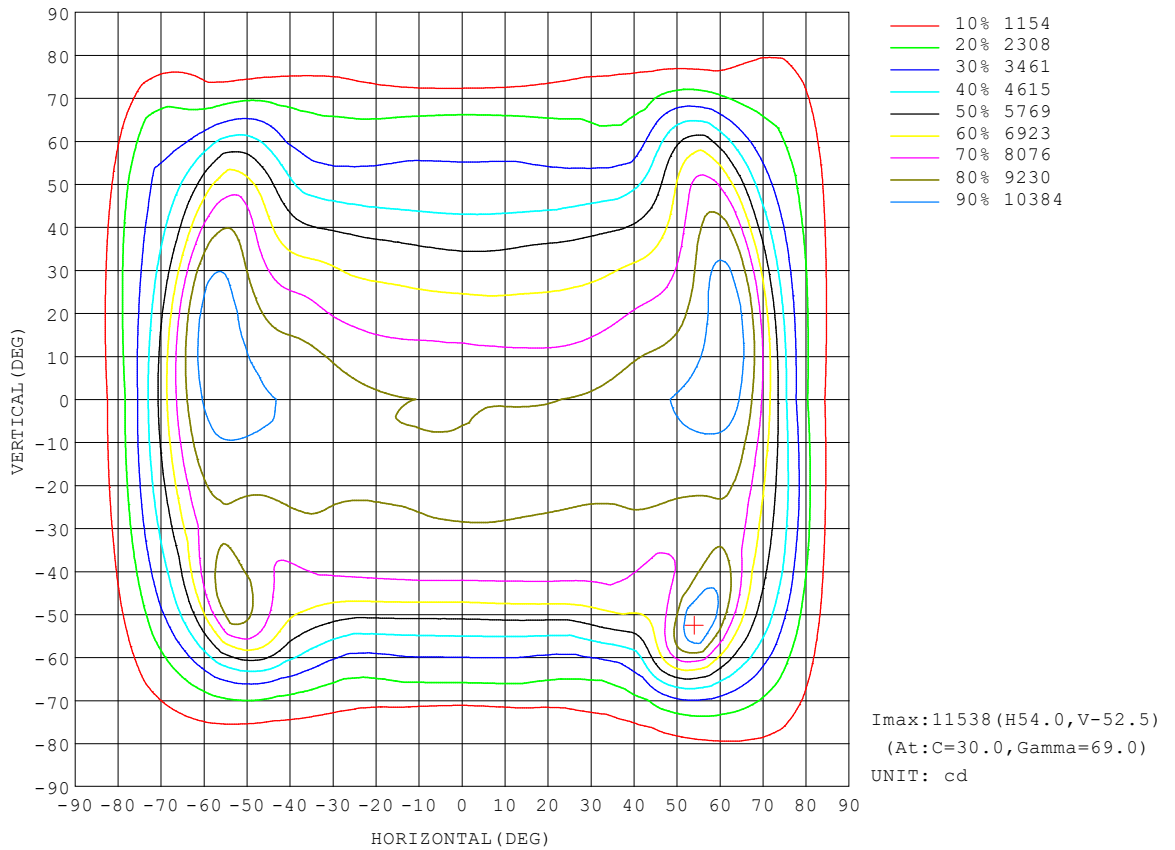
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|-----|--------------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 918.6 | 932.5 | 931.8 | 922.1 | 922.4 | 866.5 | 836.1 | 851.9 | 0- 10 | 859.2 | 859.2 | 2.51,2.51 |
| 20 | 918.9 | 945.6 | 938.3 | 938.7 | 936.2 | 803.2 | 738.5 | 784.4 | 10- 20 | 2505 | 3364 | 9.84,9.84 |
| 30 | 941.2 | 936.3 | 917.7 | 928.8 | 983.2 | 739.4 | 631.7 | 715.5 | 20- 30 | 3978 | 7342 | 21.5,21.5 |
| 40 | 993.6 | 896.6 | 840.1 | 889.8 | 1029 | 679.0 | 500.4 | 653.2 | 30- 40 | 5205 | 12547 | 36.7,36.7 |
| 50 | 1051 | 837.5 | 608.1 | 816.9 | 1079 | 569.2 | 386.6 | 553.4 | 40- 50 | 5946 | 18494 | 54.1,54.1 |
| 60 | 1106 | 671.5 | 345.7 | 668.5 | 1048 | 427.8 | 301.8 | 402.1 | 50- 60 | 5989 | 24483 | 71.6,71.6 |
| 70 | 790.4 | 381.9 | 136.2 | 409.7 | 614.8 | 310.5 | 153.4 | 273.0 | 60- 70 | 5524 | 30007 | 87.8,87.8 |
| 80 | 244.2 | 119.9 | 30.79 | 94.74 | 179.4 | 96.93 | 50.87 | 118.1 | 70- 80 | 3084 | 33091 | 96.8,96.8 |
| 90 | 10.79 | 3.180 | 2.095 | 3.105 | 5.103 | 4.840 | 2.810 | 4.686 | 80- 90 | 672.3 | 33763 | 98.8,98.8 |
| 100 | 5.673 | 3.760 | 2.700 | 3.985 | 7.142 | 5.259 | 3.418 | 4.984 | 90-100 | 46.82 | 33810 | 98.9,98.9 |
| 110 | 7.457 | 4.949 | 3.520 | 5.156 | 8.695 | 6.552 | 4.731 | 6.301 | 100-110 | 55.28 | 33865 | 99.1,99.1 |
| 120 | 8.480 | 6.051 | 4.474 | 6.196 | 9.371 | 7.756 | 6.277 | 7.599 | 110-120 | 63.95 | 33929 | 99.3,99.3 |
| 130 | 8.712 | 6.965 | 5.453 | 6.573 | 9.350 | 8.293 | 7.652 | 8.667 | 120-130 | 66.36 | 33995 | 99.4,99.5 |
| 140 | 8.499 | 7.514 | 6.319 | 6.941 | 9.112 | 8.666 | 8.584 | 9.170 | 130-140 | 61.41 | 34057 | 99.6,99.6 |
| 150 | 8.672 | 8.021 | 7.129 | 7.333 | 9.265 | 9.035 | 8.966 | 9.400 | 140-150 | 52.11 | 34109 | 99.8,99.8 |
| 160 | 9.192 | 8.674 | 8.023 | 8.046 | 9.609 | 9.285 | 9.334 | 9.590 | 150-160 | 40.21 | 34149 | 99.9,99.9 |
| 170 | 9.833 | 9.316 | 8.936 | 8.974 | 10.00 | 9.525 | 9.555 | 9.693 | 160-170 | 26.09 | 34175 | 100,100 |
| 180 | 10.15 | 9.590 | 9.342 | 9.489 | 10.18 | 9.573 | 9.358 | 9.482 | 170-180 | 9.125 | 34184 | 100,100 |
| DEG | LUMINOUS INTENSITY:X10cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γInterval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

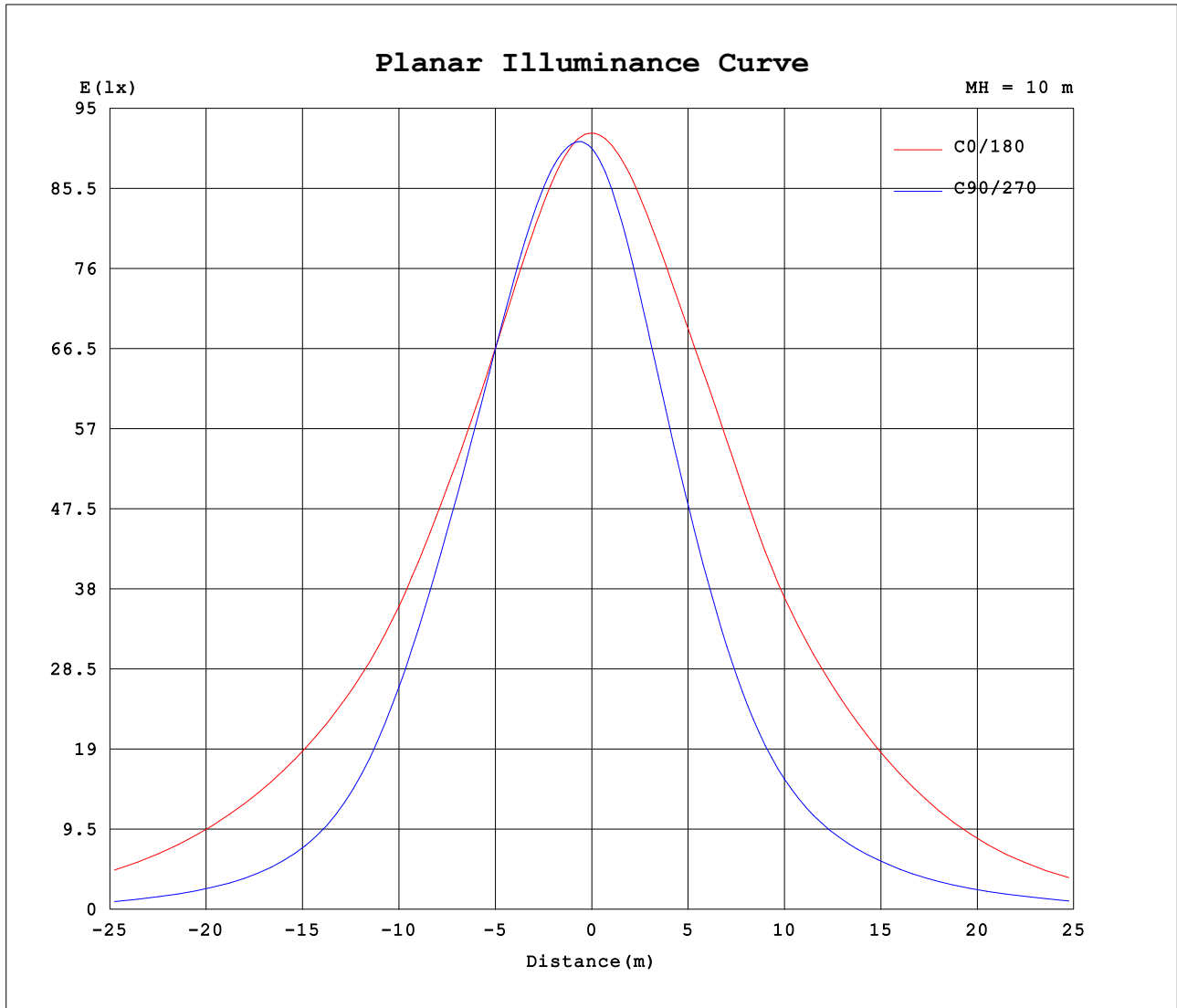
| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

Planar Illuminance Curve



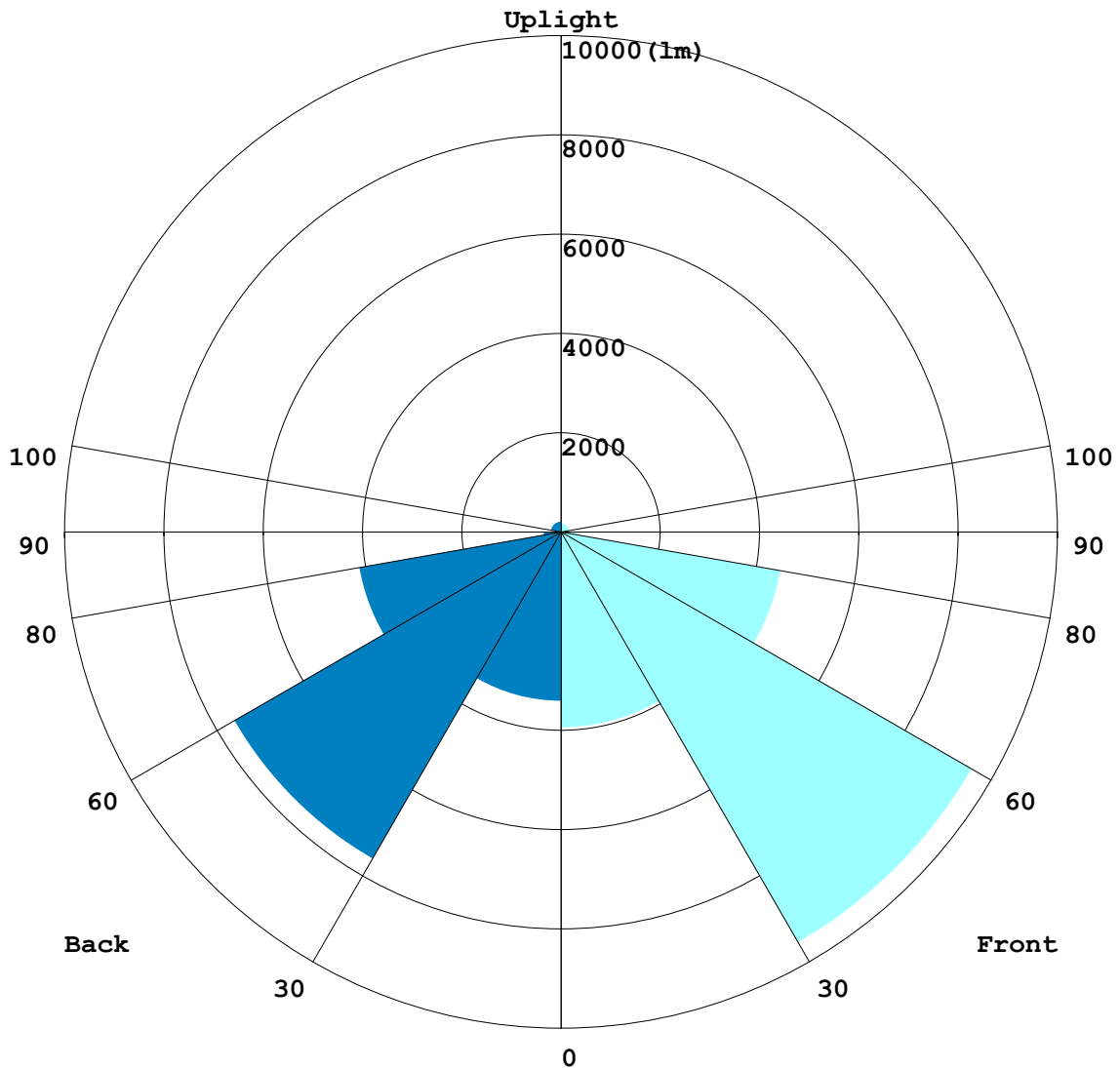
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:07 October 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LCS REPORT

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz | | |
| Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γInterval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

BUG REPORT

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------------|-------------|
| FL - Front-Low(0-30) | 3937.6 | 11.5 |
| FM - Front-Medium(30-60) | 9544.7 | 27.9 |
| FH - Front-High(60-80) | 4482.7 | 13.1 |
| FVH - Front-Very High(80-90) | 319.44 | 0.9 |
| Total Forward Light | 18475 | 54.0 |

| | | |
|-----------------------------|--------------|-------------|
| BL - Back-Low(0-30) | 3404.5 | 10.0 |
| BM - Back-Medium(30-60) | 7596.2 | 22.2 |
| BH - Back-High(60-80) | 4124.7 | 12.1 |
| BVH - Back-Very High(80-90) | 352.86 | 1.0 |
| Total Back Light | 15710 | 46.0 |

| | | |
|----------------------------|---------------|------------|
| UL - Uplight-Low(90-100) | 46.822 | 0.1 |
| UH - Uplight-High(100-180) | 374.53 | 1.1 |
| Total Up Light | 421.35 | 1.2 |

| | |
|----------------------------------|-----------------|
| BUG(Back,Up,Glare) Rating | B4-U3-G4 |
|----------------------------------|-----------------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side | 15478 | 231.16 | 15710 |
| Street Side | 18284 | 190.18 | 18475 |

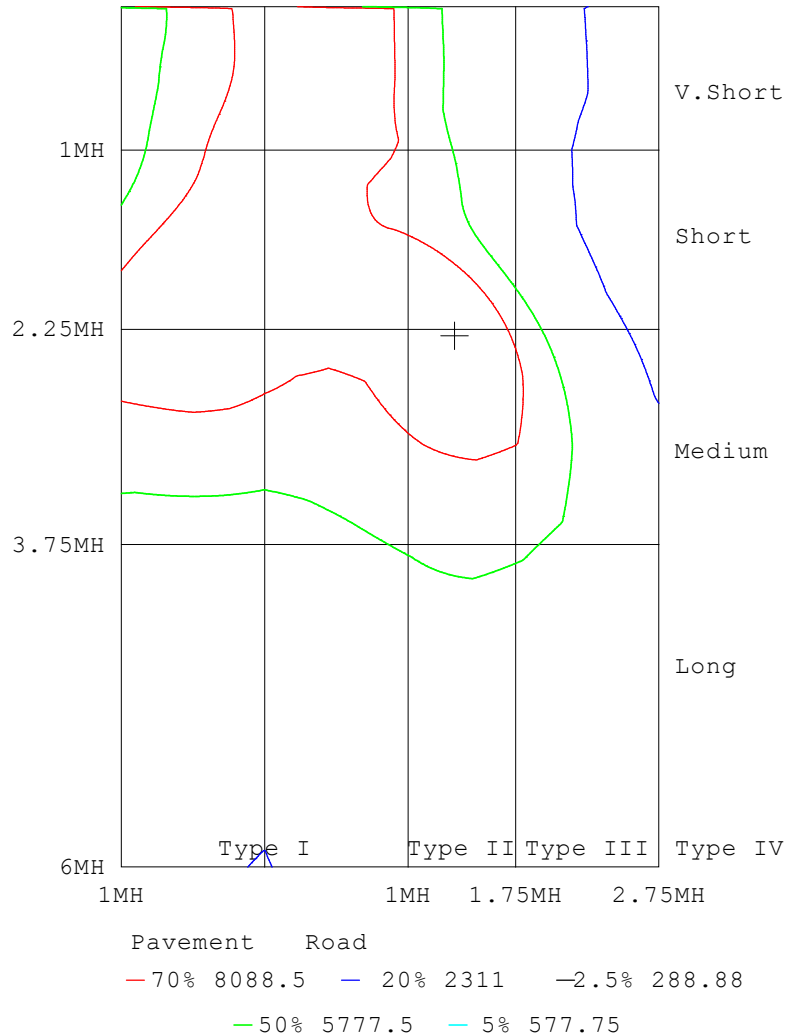
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

| | | |
|---|-------|------------------|
| Test:U:241.12V I:0.8633A P:198.25W PF:0.9525 Freq:49.98Hz Lamp Flux:34182.5x1 lm | | |
| NAME: ALDS2-SW3B300-xDS3 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| G/C | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | 45.0 |
| 0.0 | 9207 | 9190 | 9174 | 9160 | 9149 | 9138 | 9128 | 9117 | 9106 | 9096 |
| 3.0 | 9208 | 9204 | 9200 | 9197 | 9195 | 9193 | 9191 | 9190 | 9189 | 9187 |
| 6.0 | 9203 | 9211 | 9219 | 9226 | 9232 | 9237 | 9242 | 9246 | 9249 | 9252 |
| 9.0 | 9191 | 9212 | 9230 | 9247 | 9260 | 9272 | 9283 | 9292 | 9301 | 9308 |
| 12.0 | 9175 | 9210 | 9241 | 9268 | 9290 | 9309 | 9324 | 9336 | 9346 | 9355 |
| 15.0 | 9171 | 9219 | 9260 | 9296 | 9323 | 9345 | 9363 | 9380 | 9395 | 9405 |
| 18.0 | 9177 | 9238 | 9290 | 9333 | 9365 | 9389 | 9408 | 9424 | 9436 | 9443 |
| 21.0 | 9203 | 9275 | 9335 | 9381 | 9411 | 9431 | 9442 | 9452 | 9457 | 9458 |
| 24.0 | 9243 | 9324 | 9387 | 9434 | 9459 | 9470 | 9471 | 9470 | 9463 | 9451 |
| 27.0 | 9313 | 9400 | 9464 | 9505 | 9516 | 9509 | 9491 | 9471 | 9447 | 9420 |
| 30.0 | 9412 | 9497 | 9554 | 9581 | 9569 | 9536 | 9491 | 9450 | 9406 | 9363 |
| 33.0 | 9552 | 9621 | 9656 | 9658 | 9611 | 9542 | 9462 | 9396 | 9332 | 9273 |
| 36.0 | 9716 | 9764 | 9773 | 9740 | 9646 | 9527 | 9402 | 9309 | 9225 | 9152 |
| 39.0 | 9884 | 9919 | 9903 | 9835 | 9683 | 9504 | 9323 | 9203 | 9102 | 9016 |
| 42.0 | 10033 | 10066 | 10032 | 9932 | 9721 | 9477 | 9236 | 9089 | 8970 | 8870 |
| 45.0 | 10175 | 10184 | 10120 | 9982 | 9717 | 9420 | 9131 | 8968 | 8836 | 8719 |
| 48.0 | 10354 | 10266 | 10120 | 9915 | 9597 | 9261 | 8947 | 8792 | 8665 | 8535 |
| 51.0 | 10595 | 10341 | 10056 | 9742 | 9345 | 8957 | 8618 | 8503 | 8413 | 8289 |
| 54.0 | 10854 | 10407 | 9963 | 9521 | 9032 | 8584 | 8214 | 8140 | 8085 | 7956 |
| 57.0 | 11037 | 10413 | 9832 | 9292 | 8769 | 8307 | 7926 | 7810 | 7692 | 7469 |
| 60.0 | 11060 | 10317 | 9665 | 9104 | 8680 | 8312 | 7966 | 7618 | 7215 | 6715 |
| 63.0 | 10737 | 10015 | 9446 | 9029 | 8655 | 8305 | 8000 | 7838 | 7685 | 7522 |
| 66.0 | 9842 | 9254 | 8930 | 8669 | 8429 | 8199 | 8026 | 7922 | 7833 | 7744 |
| 69.0 | 8454 | 8022 | 7969 | 8294 | 8699 | 9097 | 9431 | 9672 | 9827 | 9982 |
| 72.0 | 6693 | 6627 | 6827 | 7292 | 7835 | 8378 | 8921 | 9464 | 9907 | 10350 |
| 75.0 | 4865 | 5287 | 5697 | 6094 | 6765 | 7208 | 7612 | 8015 | 8418 | 8821 |
| 78.0 | 3314 | 4133 | 4701 | 5018 | 5084 | 4899 | 4463 | 3573 | 2586 | 1656 |
| 81.0 | 2078 | 2752 | 3191 | 3394 | 3297 | 3013 | 2593 | 2061 | 1509 | 1005 |
| 84.0 | 1246 | 1650 | 1899 | 1993 | 1872 | 1642 | 1345 | 1051 | 762.4 | 507.7 |
| 87.0 | 547.4 | 779.1 | 919.9 | 969.8 | 888.4 | 746.3 | 573.7 | 426.2 | 289.4 | 174.4 |
| 90.0 | 107.9 | 185.3 | 235.7 | 259.1 | 245.5 | 212.4 | 167.1 | 118.4 | 71.22 | 31.80 |
| 93.0 | 43.57 | 43.37 | 42.86 | 42.05 | 40.98 | 39.58 | 37.81 | 35.28 | 32.58 | 29.93 |
| 96.0 | 49.17 | 48.47 | 47.56 | 46.44 | 45.20 | 43.67 | 41.78 | 39.07 | 36.15 | 33.25 |
| 99.0 | 54.82 | 53.83 | 52.61 | 51.17 | 49.58 | 47.72 | 45.52 | 42.62 | 39.54 | 36.49 |
| 102.0 | 60.56 | 59.26 | 57.74 | 56.03 | 54.17 | 52.06 | 49.63 | 46.50 | 43.19 | 39.93 |
| 105.0 | 66.22 | 64.65 | 62.87 | 60.88 | 58.71 | 56.29 | 53.60 | 50.31 | 46.88 | 43.49 |
| 108.0 | 71.52 | 69.71 | 67.67 | 65.40 | 62.90 | 60.18 | 57.24 | 53.91 | 50.49 | 47.10 |
| 111.0 | 75.96 | 73.91 | 71.67 | 69.24 | 66.63 | 63.82 | 60.83 | 57.51 | 54.10 | 50.71 |
| 114.0 | 79.69 | 77.44 | 75.08 | 72.60 | 70.06 | 67.37 | 64.47 | 61.10 | 57.60 | 54.10 |
| 117.0 | 82.60 | 80.35 | 78.02 | 75.61 | 73.23 | 70.69 | 67.91 | 64.51 | 60.95 | 57.36 |
| 120.0 | 84.80 | 82.73 | 80.56 | 78.31 | 76.08 | 73.68 | 71.01 | 67.65 | 64.09 | 60.51 |
| 123.0 | 86.37 | 84.51 | 82.54 | 80.47 | 78.38 | 76.11 | 73.56 | 70.35 | 66.93 | 63.46 |
| 126.0 | 87.13 | 85.52 | 83.80 | 81.96 | 80.10 | 78.06 | 75.73 | 72.78 | 69.59 | 66.30 |
| 129.0 | 87.24 | 85.90 | 84.44 | 82.86 | 81.26 | 79.46 | 77.40 | 74.78 | 71.90 | 68.87 |
| 132.0 | 86.79 | 85.82 | 84.71 | 83.45 | 82.15 | 80.64 | 78.84 | 76.49 | 73.86 | 71.03 |
| 135.0 | 86.11 | 85.61 | 84.92 | 84.03 | 83.03 | 81.77 | 80.17 | 77.93 | 75.38 | 72.65 |
| 138.0 | 85.35 | 85.41 | 85.18 | 84.65 | 83.89 | 82.79 | 81.30 | 79.16 | 76.73 | 74.15 |
| 141.0 | 84.90 | 85.43 | 85.57 | 85.30 | 84.62 | 83.56 | 82.11 | 80.15 | 77.94 | 75.62 |
| 144.0 | 84.93 | 85.71 | 86.05 | 85.95 | 85.35 | 84.34 | 82.98 | 81.19 | 79.21 | 77.13 |
| 147.0 | 85.57 | 86.39 | 86.78 | 86.71 | 86.12 | 85.14 | 83.84 | 82.25 | 80.50 | 78.68 |
| 150.0 | 86.72 | 87.42 | 87.71 | 87.59 | 86.96 | 86.00 | 84.77 | 83.34 | 81.80 | 80.21 |
| 153.0 | 87.89 | 88.39 | 88.57 | 88.41 | 87.86 | 87.03 | 85.98 | 84.72 | 83.35 | 81.94 |
| 156.0 | 89.13 | 89.50 | 89.59 | 89.42 | 88.92 | 88.19 | 87.26 | 86.16 | 84.96 | 83.71 |
| 159.0 | 91.07 | 91.31 | 91.33 | 91.13 | 90.65 | 89.98 | 89.14 | 88.12 | 87.02 | 85.89 |
| 162.0 | 93.36 | 93.54 | 93.50 | 93.25 | 92.72 | 92.02 | 91.18 | 90.24 | 89.25 | 88.27 |
| 165.0 | 95.27 | 95.43 | 95.38 | 95.13 | 94.63 | 93.97 | 93.20 | 92.38 | 91.52 | 90.65 |
| 168.0 | 97.02 | 97.14 | 97.06 | 96.78 | 96.23 | 95.53 | 94.73 | 93.93 | 93.10 | 92.27 |
| 171.0 | 98.99 | 98.96 | 98.73 | 98.31 | 97.60 | 96.76 | 95.87 | 95.10 | 94.33 | 93.58 |
| 174.0 | 100.7 | 100.4 | 99.94 | 99.34 | 98.49 | 97.56 | 96.63 | 95.89 | 95.20 | 94.53 |
| 177.0 | 101.0 | 100.5 | 99.97 | 99.36 | 98.66 | 97.92 | 97.18 | 96.48 | 95.81 | 95.16 |
| 180.0 | 101.5 | 101.0 | 100.4 | 99.80 | 99.11 | 98.40 | 97.70 | 97.07 | 96.48 | 95.90 |
| G/C | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 | 90.0 | 95.0 |
| 0.0 | 9090 | 9083 | 9076 | 9063 | 9050 | 9039 | 9035 | 9031 | 9027 | 9017 |
| 3.0 | 9185 | 9182 | 9178 | 9171 | 9165 | 9158 | 9153 | 9149 | 9143 | 9133 |
| 6.0 | 9254 | 9256 | 9256 | 9251 | 9244 | 9237 | 9235 | 9232 | 9228 | 9218 |
| 9.0 | 9313 | 9316 | 9318 | 9316 | 9313 | 9309 | 9306 | 9301 | 9295 | 9286 |
| 12.0 | 9362 | 9368 | 9372 | 9371 | 9368 | 9363 | 9361 | 9357 | 9352 | 9344 |
| 15.0 | 9411 | 9414 | 9414 | 9412 | 9408 | 9403 | 9398 | 9392 | 9385 | 9378 |
| 18.0 | 9445 | 9443 | 9439 | 9434 | 9428 | 9420 | 9411 | 9401 | 9392 | 9384 |
| 21.0 | 9452 | 9444 | 9434 | 9425 | 9416 | 9406 | 9396 | 9387 | 9378 | 9370 |
| 24.0 | 9435 | 9416 | 9398 | 9385 | 9375 | 9366 | 9356 | 9348 | 9340 | 9333 |
| 27.0 | 9391 | 9363 | 9338 | 9323 | 9311 | 9302 | 9291 | 9282 | 9274 | 9268 |
| 30.0 | 9323 | 9287 | 9256 | 9236 | 9220 | 9208 | 9195 | 9185 | 9177 | 9174 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 33.0 | 9223 | 9179 | 9141 | 9112 | 9090 | 9072 | 9055 | 9042 | 9034 | 9034 |
| 36.0 | 9091 | 9039 | 8994 | 8954 | 8919 | 8890 | 8862 | 8842 | 8830 | 8836 |
| 39.0 | 8942 | 8876 | 8816 | 8750 | 8688 | 8633 | 8583 | 8546 | 8527 | 8543 |
| 42.0 | 8776 | 8687 | 8597 | 8485 | 8375 | 8273 | 8185 | 8121 | 8088 | 8117 |
| 45.0 | 8579 | 8434 | 8282 | 8103 | 7927 | 7763 | 7624 | 7520 | 7466 | 7504 |
| 48.0 | 8310 | 8060 | 7799 | 7538 | 7290 | 7067 | 6882 | 6747 | 6676 | 6714 |
| 51.0 | 7930 | 7517 | 7092 | 6742 | 6433 | 6173 | 5978 | 5846 | 5782 | 5800 |
| 54.0 | 7409 | 6779 | 6158 | 5767 | 5463 | 5235 | 5056 | 4942 | 4893 | 4905 |
| 57.0 | 6733 | 5916 | 5145 | 4764 | 4518 | 4368 | 4232 | 4150 | 4120 | 4126 |
| 60.0 | 5859 | 4983 | 4205 | 3883 | 3718 | 3653 | 3548 | 3483 | 3457 | 3466 |
| 63.0 | 4813 | 4026 | 3407 | 3156 | 3056 | 3042 | 2954 | 2891 | 2858 | 2869 |
| 66.0 | 3788 | 3124 | 2720 | 2522 | 2459 | 2467 | 2383 | 2316 | 2275 | 2290 |
| 69.0 | 2976 | 2387 | 2127 | 1935 | 1864 | 1855 | 1746 | 1654 | 1596 | 1625 |
| 72.0 | 2352 | 1816 | 1576 | 1364 | 1259 | 1216 | 1112 | 1033 | 990.7 | 1018 |
| 75.0 | 1738 | 1332 | 1126 | 939.0 | 832.3 | 779.2 | 719.3 | 684.6 | 673.5 | 679.4 |
| 78.0 | 1204 | 916.6 | 749.8 | 622.7 | 551.3 | 516.4 | 474.8 | 449.7 | 440.3 | 442.5 |
| 81.0 | 737.7 | 562.6 | 455.7 | 377.9 | 333.2 | 309.7 | 279.4 | 259.0 | 248.9 | 251.4 |
| 84.0 | 367.5 | 275.4 | 218.8 | 175.9 | 149.6 | 133.9 | 113.4 | 98.21 | 89.22 | 90.26 |
| 87.0 | 118.0 | 86.43 | 71.56 | 57.99 | 50.39 | 46.11 | 37.79 | 31.08 | 26.93 | 29.52 |
| 90.0 | 20.74 | 19.31 | 23.08 | 21.98 | 21.46 | 21.30 | 21.02 | 20.91 | 20.95 | 21.13 |
| 93.0 | 27.82 | 26.01 | 24.56 | 23.60 | 22.96 | 22.59 | 22.39 | 22.38 | 22.52 | 22.69 |
| 96.0 | 30.80 | 28.66 | 26.89 | 25.71 | 24.92 | 24.43 | 24.18 | 24.14 | 24.28 | 24.41 |
| 99.0 | 33.85 | 31.51 | 29.53 | 28.15 | 27.16 | 26.52 | 26.20 | 26.14 | 26.29 | 26.40 |
| 102.0 | 37.07 | 34.52 | 32.34 | 30.75 | 29.58 | 28.81 | 28.44 | 28.37 | 28.53 | 28.61 |
| 105.0 | 40.45 | 37.71 | 35.34 | 33.54 | 32.19 | 31.26 | 30.84 | 30.75 | 30.91 | 30.98 |
| 108.0 | 43.92 | 41.01 | 38.45 | 36.47 | 34.94 | 33.87 | 33.39 | 33.28 | 33.45 | 33.50 |
| 111.0 | 47.41 | 44.33 | 41.60 | 39.45 | 37.77 | 36.58 | 36.05 | 35.92 | 36.09 | 36.13 |
| 114.0 | 50.73 | 47.59 | 44.78 | 42.51 | 40.71 | 39.42 | 38.84 | 38.68 | 38.84 | 38.87 |
| 117.0 | 53.97 | 50.81 | 47.98 | 45.66 | 43.80 | 42.44 | 41.81 | 41.61 | 41.74 | 41.78 |
| 120.0 | 57.15 | 54.01 | 51.19 | 48.85 | 46.96 | 45.56 | 44.89 | 44.65 | 44.74 | 44.78 |
| 123.0 | 60.15 | 57.04 | 54.24 | 51.96 | 50.13 | 48.77 | 48.07 | 47.78 | 47.81 | 47.82 |
| 126.0 | 63.00 | 59.87 | 57.06 | 54.90 | 53.20 | 51.95 | 51.23 | 50.89 | 50.86 | 50.85 |
| 129.0 | 65.62 | 62.49 | 59.65 | 57.60 | 56.01 | 54.85 | 54.12 | 53.72 | 53.62 | 53.61 |
| 132.0 | 67.90 | 64.85 | 62.08 | 60.13 | 58.63 | 57.53 | 56.82 | 56.42 | 56.30 | 56.26 |
| 135.0 | 69.77 | 66.98 | 64.45 | 62.63 | 61.21 | 60.16 | 59.47 | 59.07 | 58.93 | 58.90 |
| 138.0 | 71.55 | 69.05 | 66.79 | 65.08 | 63.72 | 62.70 | 62.03 | 61.64 | 61.48 | 61.42 |
| 141.0 | 73.35 | 71.17 | 69.19 | 67.60 | 66.29 | 65.27 | 64.62 | 64.23 | 64.04 | 63.91 |
| 144.0 | 75.16 | 73.28 | 71.54 | 70.07 | 68.82 | 67.83 | 67.20 | 66.80 | 66.58 | 66.39 |
| 147.0 | 76.95 | 75.29 | 73.76 | 72.43 | 71.29 | 70.35 | 69.73 | 69.29 | 68.99 | 68.71 |
| 150.0 | 78.71 | 77.28 | 75.94 | 74.77 | 73.74 | 72.86 | 72.20 | 71.69 | 71.29 | 70.91 |
| 153.0 | 80.63 | 79.36 | 78.16 | 77.07 | 76.09 | 75.23 | 74.57 | 74.03 | 73.60 | 73.16 |
| 156.0 | 82.55 | 81.41 | 80.34 | 79.33 | 78.42 | 77.62 | 77.00 | 76.50 | 76.08 | 75.64 |
| 159.0 | 84.88 | 83.92 | 83.00 | 82.09 | 81.25 | 80.51 | 79.97 | 79.54 | 79.17 | 78.74 |
| 162.0 | 87.40 | 86.58 | 85.77 | 84.88 | 84.04 | 83.32 | 82.89 | 82.57 | 82.32 | 81.97 |
| 165.0 | 89.84 | 89.04 | 88.27 | 87.48 | 86.76 | 86.17 | 85.91 | 85.75 | 85.63 | 85.34 |
| 168.0 | 91.46 | 90.67 | 89.93 | 89.19 | 88.56 | 88.07 | 87.96 | 87.95 | 87.96 | 87.74 |
| 171.0 | 92.79 | 92.02 | 91.29 | 90.59 | 90.01 | 89.60 | 89.64 | 89.80 | 89.99 | 89.89 |
| 174.0 | 93.81 | 93.10 | 92.45 | 91.83 | 91.32 | 90.99 | 91.07 | 91.28 | 91.51 | 91.53 |
| 177.0 | 94.52 | 93.91 | 93.36 | 92.88 | 92.48 | 92.17 | 91.99 | 91.89 | 91.86 | 91.88 |
| 180.0 | 95.34 | 94.81 | 94.32 | 93.87 | 93.49 | 93.24 | 93.21 | 93.28 | 93.42 | 93.57 |
| G/C | 100.0 | 105.0 | 110.0 | 115.0 | 120.0 | 125.0 | 130.0 | 135.0 | 140.0 | 145.0 |
| 0.0 | 9007 | 8997 | 8994 | 8992 | 8990 | 8986 | 8981 | 8977 | 8977 | 8978 |
| 3.0 | 9122 | 9112 | 9105 | 9098 | 9092 | 9083 | 9075 | 9066 | 9057 | 9048 |
| 6.0 | 9208 | 9197 | 9187 | 9178 | 9169 | 9158 | 9146 | 9134 | 9122 | 9109 |
| 9.0 | 9276 | 9265 | 9256 | 9247 | 9237 | 9226 | 9213 | 9200 | 9187 | 9172 |
| 12.0 | 9335 | 9325 | 9314 | 9303 | 9291 | 9281 | 9271 | 9260 | 9248 | 9234 |
| 15.0 | 9370 | 9362 | 9353 | 9345 | 9338 | 9332 | 9326 | 9319 | 9312 | 9302 |
| 18.0 | 9377 | 9371 | 9368 | 9365 | 9364 | 9364 | 9364 | 9364 | 9366 | 9365 |
| 21.0 | 9363 | 9359 | 9357 | 9357 | 9361 | 9371 | 9383 | 9396 | 9411 | 9424 |
| 24.0 | 9328 | 9324 | 9321 | 9322 | 9329 | 9347 | 9371 | 9398 | 9429 | 9459 |
| 27.0 | 9264 | 9262 | 9258 | 9258 | 9266 | 9289 | 9321 | 9361 | 9409 | 9460 |
| 30.0 | 9174 | 9174 | 9167 | 9164 | 9170 | 9197 | 9237 | 9288 | 9353 | 9426 |
| 33.0 | 9037 | 9042 | 9038 | 9040 | 9050 | 9079 | 9122 | 9183 | 9267 | 9366 |
| 36.0 | 8849 | 8866 | 8873 | 8884 | 8904 | 8937 | 8987 | 9060 | 9167 | 9298 |
| 39.0 | 8575 | 8616 | 8648 | 8686 | 8731 | 8779 | 8844 | 8935 | 9074 | 9241 |
| 42.0 | 8176 | 8254 | 8331 | 8416 | 8508 | 8594 | 8694 | 8815 | 8982 | 9172 |
| 45.0 | 7590 | 7713 | 7853 | 8010 | 8176 | 8333 | 8494 | 8657 | 8815 | 8985 |
| 48.0 | 6818 | 6976 | 7178 | 7410 | 7662 | 7924 | 8177 | 8407 | 8530 | 8649 |
| 51.0 | 5890 | 6050 | 6292 | 6589 | 6926 | 7323 | 7709 | 8048 | 8174 | 8275 |
| 54.0 | 4983 | 5129 | 5337 | 5623 | 5992 | 6557 | 7140 | 7668 | 7879 | 8033 |
| 57.0 | 4184 | 4298 | 4426 | 4649 | 5006 | 5713 | 6491 | 7243 | 7688 | 8045 |
| 60.0 | 3514 | 3602 | 3650 | 3801 | 4118 | 4862 | 5747 | 6685 | 7559 | 8335 |
| 63.0 | 2913 | 2987 | 2980 | 3079 | 3361 | 4078 | 5005 | 6088 | 7483 | 8773 |
| 66.0 | 2336 | 2405 | 2376 | 2447 | 2702 | 3354 | 4258 | 5398 | 7180 | 8853 |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:07 October 2023

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:7.850m [K=1.0000]

Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 69.0 | 1693 | 1788 | 1791 | 1879 | 2121 | 2664 | 3441 | 4464 | 6230 | 7901 |
| 72.0 | 1084 | 1181 | 1237 | 1358 | 1584 | 1991 | 2560 | 3304 | 4587 | 5814 |
| 75.0 | 709.8 | 767.2 | 831.5 | 944.2 | 1124 | 1404 | 1779 | 2262 | 3048 | 3821 |
| 78.0 | 460.7 | 496.3 | 537.2 | 608.0 | 720.1 | 891.7 | 1122 | 1417 | 1876 | 2342 |
| 81.0 | 263.7 | 285.2 | 305.1 | 339.8 | 396.3 | 481.2 | 600.9 | 762.1 | 1025 | 1302 |
| 84.0 | 97.00 | 108.1 | 114.7 | 128.5 | 153.8 | 197.1 | 258.5 | 340.7 | 467.1 | 603.2 |
| 87.0 | 34.06 | 39.02 | 38.95 | 39.18 | 41.14 | 44.92 | 54.25 | 71.51 | 108.9 | 151.6 |
| 90.0 | 21.49 | 22.06 | 22.83 | 23.87 | 25.17 | 26.78 | 28.72 | 31.05 | 33.99 | 37.23 |
| 93.0 | 23.04 | 23.62 | 24.54 | 25.75 | 27.27 | 29.12 | 31.29 | 33.79 | 36.83 | 40.05 |
| 96.0 | 24.75 | 25.36 | 26.41 | 27.77 | 29.43 | 31.37 | 33.57 | 36.01 | 38.78 | 41.65 |
| 99.0 | 26.74 | 27.40 | 28.62 | 30.19 | 32.03 | 34.00 | 36.22 | 38.71 | 41.85 | 45.05 |
| 102.0 | 28.95 | 29.65 | 31.04 | 32.81 | 34.88 | 37.07 | 39.50 | 42.18 | 45.43 | 48.74 |
| 105.0 | 31.33 | 32.09 | 33.61 | 35.56 | 37.82 | 40.21 | 42.82 | 45.66 | 48.91 | 52.21 |
| 108.0 | 33.86 | 34.65 | 36.30 | 38.40 | 40.85 | 43.44 | 46.24 | 49.21 | 52.44 | 55.69 |
| 111.0 | 36.50 | 37.33 | 39.07 | 41.30 | 43.90 | 46.69 | 49.66 | 52.77 | 55.99 | 59.18 |
| 114.0 | 39.24 | 40.09 | 41.89 | 44.20 | 46.92 | 49.95 | 53.15 | 56.42 | 59.56 | 62.59 |
| 117.0 | 42.16 | 42.97 | 44.55 | 46.63 | 49.19 | 52.36 | 55.78 | 59.28 | 62.53 | 65.62 |
| 120.0 | 45.14 | 45.93 | 47.45 | 49.48 | 51.97 | 55.11 | 58.50 | 61.96 | 65.13 | 68.13 |
| 123.0 | 48.16 | 48.92 | 50.38 | 52.32 | 54.73 | 57.77 | 61.06 | 64.46 | 67.69 | 70.75 |
| 126.0 | 51.15 | 51.85 | 53.18 | 54.94 | 57.09 | 59.65 | 62.47 | 65.48 | 68.70 | 71.86 |
| 129.0 | 53.88 | 54.51 | 55.71 | 57.26 | 59.08 | 60.95 | 63.07 | 65.51 | 68.80 | 72.17 |
| 132.0 | 56.49 | 57.03 | 58.10 | 59.44 | 60.99 | 62.43 | 64.11 | 66.15 | 69.25 | 72.51 |
| 135.0 | 59.10 | 59.57 | 60.48 | 61.61 | 62.89 | 63.99 | 65.29 | 66.89 | 69.35 | 72.03 |
| 138.0 | 61.57 | 61.96 | 62.71 | 63.66 | 64.77 | 65.92 | 67.17 | 68.52 | 69.86 | 71.37 |
| 141.0 | 63.98 | 64.26 | 64.87 | 65.68 | 66.63 | 67.63 | 68.72 | 69.86 | 70.85 | 72.01 |
| 144.0 | 66.35 | 66.51 | 67.00 | 67.68 | 68.48 | 69.30 | 70.21 | 71.19 | 72.17 | 73.26 |
| 147.0 | 68.56 | 68.57 | 68.85 | 69.29 | 69.87 | 70.51 | 71.29 | 72.22 | 73.46 | 74.79 |
| 150.0 | 70.65 | 70.54 | 70.67 | 70.97 | 71.40 | 71.89 | 72.53 | 73.33 | 74.46 | 75.70 |
| 153.0 | 72.83 | 72.65 | 72.70 | 72.92 | 73.28 | 73.77 | 74.37 | 75.07 | 75.85 | 76.70 |
| 156.0 | 75.30 | 75.08 | 75.08 | 75.21 | 75.47 | 75.84 | 76.33 | 76.92 | 77.64 | 78.45 |
| 159.0 | 78.40 | 78.15 | 78.13 | 78.23 | 78.43 | 78.67 | 79.00 | 79.45 | 80.11 | 80.86 |
| 162.0 | 81.68 | 81.44 | 81.35 | 81.35 | 81.44 | 81.61 | 81.88 | 82.28 | 82.89 | 83.60 |
| 165.0 | 85.04 | 84.79 | 84.65 | 84.59 | 84.61 | 84.68 | 84.86 | 85.17 | 85.73 | 86.40 |
| 168.0 | 87.51 | 87.30 | 87.20 | 87.17 | 87.24 | 87.43 | 87.71 | 88.05 | 88.43 | 88.85 |
| 171.0 | 89.75 | 89.60 | 89.50 | 89.46 | 89.51 | 89.67 | 89.97 | 90.44 | 91.31 | 92.24 |
| 174.0 | 91.50 | 91.45 | 91.38 | 91.34 | 91.38 | 91.57 | 91.90 | 92.37 | 93.03 | 93.85 |
| 177.0 | 91.93 | 92.01 | 92.03 | 92.08 | 92.19 | 92.41 | 92.74 | 93.19 | 93.78 | 94.52 |
| 180.0 | 93.72 | 93.86 | 93.89 | 93.92 | 94.00 | 94.20 | 94.49 | 94.89 | 95.42 | 96.07 |
| G/C | 150.0 | 155.0 | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
| 0.0 | 8978 | 8964 | 8958 | 8970 | 9048 | 9134 | 9207 | 9209 | 9189 | 9160 |
| 3.0 | 9039 | 9017 | 9003 | 9006 | 9072 | 9145 | 9206 | 9196 | 9165 | 9125 |
| 6.0 | 9095 | 9067 | 9046 | 9041 | 9098 | 9161 | 9211 | 9187 | 9143 | 9088 |
| 9.0 | 9155 | 9122 | 9095 | 9082 | 9130 | 9182 | 9219 | 9182 | 9122 | 9051 |
| 12.0 | 9217 | 9184 | 9156 | 9139 | 9177 | 9217 | 9239 | 9185 | 9106 | 9015 |
| 15.0 | 9287 | 9255 | 9223 | 9201 | 9231 | 9258 | 9265 | 9192 | 9093 | 8979 |
| 18.0 | 9358 | 9333 | 9307 | 9286 | 9308 | 9324 | 9315 | 9223 | 9101 | 8961 |
| 21.0 | 9430 | 9419 | 9403 | 9389 | 9409 | 9416 | 9393 | 9279 | 9131 | 8960 |
| 24.0 | 9484 | 9498 | 9506 | 9509 | 9534 | 9537 | 9502 | 9366 | 9188 | 8982 |
| 27.0 | 9512 | 9561 | 9604 | 9638 | 9680 | 9690 | 9650 | 9495 | 9287 | 9043 |
| 30.0 | 9506 | 9596 | 9682 | 9756 | 9830 | 9862 | 9832 | 9664 | 9428 | 9144 |
| 33.0 | 9478 | 9614 | 9747 | 9867 | 9978 | 10038 | 10023 | 9851 | 9596 | 9276 |
| 36.0 | 9448 | 9634 | 9819 | 9984 | 10117 | 10188 | 10175 | 10002 | 9736 | 9392 |
| 39.0 | 9430 | 9658 | 9881 | 10077 | 10219 | 10290 | 10269 | 10089 | 9810 | 9450 |
| 42.0 | 9382 | 9627 | 9866 | 10077 | 10250 | 10347 | 10340 | 10132 | 9816 | 9418 |
| 45.0 | 9175 | 9433 | 9700 | 9957 | 10221 | 10406 | 10464 | 10228 | 9856 | 9389 |
| 48.0 | 8799 | 9097 | 9435 | 9786 | 10184 | 10498 | 10657 | 10434 | 10032 | 9500 |
| 51.0 | 8411 | 8760 | 9172 | 9618 | 10140 | 10579 | 10849 | 10699 | 10333 | 9789 |
| 54.0 | 8200 | 8570 | 9004 | 9480 | 10070 | 10594 | 10961 | 10953 | 10707 | 10232 |
| 57.0 | 8353 | 8667 | 8993 | 9355 | 9918 | 10456 | 10887 | 11066 | 11015 | 10697 |
| 60.0 | 8949 | 9095 | 9129 | 9169 | 9583 | 10045 | 10481 | 10836 | 11005 | 10901 |
| 63.0 | 9750 | 9600 | 9172 | 8713 | 8894 | 9214 | 9595 | 9995 | 10281 | 10352 |
| 66.0 | 10087 | 9633 | 8764 | 7840 | 7810 | 7992 | 8296 | 8620 | 8898 | 9051 |
| 69.0 | 9126 | 8599 | 7637 | 6603 | 6459 | 6522 | 6709 | 6865 | 7030 | 7174 |
| 72.0 | 6740 | 6480 | 5904 | 5243 | 5080 | 5035 | 5079 | 5169 | 5300 | 5451 |
| 75.0 | 4452 | 4535 | 4426 | 4202 | 3969 | 3760 | 3634 | 3840 | 4106 | 4349 |
| 78.0 | 2750 | 2935 | 3009 | 2984 | 2753 | 2531 | 2414 | 2837 | 3306 | 3665 |
| 81.0 | 1560 | 1730 | 1839 | 1881 | 1708 | 1557 | 1524 | 2096 | 2687 | 3101 |
| 84.0 | 735.6 | 847.0 | 930.7 | 976.1 | 870.4 | 781.9 | 776.5 | 1194 | 1621 | 1919 |
| 87.0 | 194.9 | 234.8 | 264.5 | 278.3 | 231.3 | 186.1 | 166.3 | 278.4 | 400.5 | 493.8 |
| 90.0 | 40.65 | 44.51 | 48.04 | 50.85 | 51.32 | 51.20 | 51.03 | 52.57 | 54.19 | 55.50 |
| 93.0 | 43.29 | 46.28 | 49.08 | 51.63 | 53.95 | 55.85 | 57.20 | 57.70 | 57.56 | 56.83 |
| 96.0 | 44.51 | 46.81 | 49.18 | 51.82 | 56.05 | 60.12 | 63.39 | 64.02 | 63.48 | 62.04 |
| 99.0 | 48.09 | 49.76 | 51.53 | 53.89 | 59.35 | 64.87 | 69.47 | 70.24 | 69.48 | 67.59 |
| 102.0 | 51.91 | 53.80 | 55.83 | 58.50 | 64.39 | 70.33 | 75.24 | 75.99 | 75.06 | 72.90 |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:07 October 2023

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:7.850m [K=1.0000]

Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 105.0 | 55.41 | 57.48 | 59.76 | 62.72 | 68.99 | 75.26 | 80.41 | 81.15 | 80.08 | 77.69 |
| 108.0 | 58.83 | 60.92 | 63.26 | 66.32 | 72.80 | 79.31 | 84.64 | 85.42 | 84.33 | 81.84 |
| 111.0 | 62.22 | 64.24 | 66.51 | 69.52 | 76.01 | 82.56 | 87.97 | 88.89 | 87.95 | 85.59 |
| 114.0 | 65.45 | 67.36 | 69.54 | 72.46 | 78.76 | 85.15 | 90.50 | 91.61 | 90.94 | 88.90 |
| 117.0 | 68.50 | 70.41 | 72.52 | 75.30 | 81.22 | 87.25 | 92.34 | 93.62 | 93.28 | 91.65 |
| 120.0 | 70.95 | 72.91 | 75.06 | 77.79 | 83.33 | 88.94 | 93.71 | 95.08 | 94.96 | 93.65 |
| 123.0 | 73.56 | 75.31 | 77.16 | 79.55 | 84.65 | 89.88 | 94.38 | 95.83 | 95.93 | 94.89 |
| 126.0 | 74.79 | 76.57 | 78.39 | 80.66 | 85.37 | 90.19 | 94.36 | 95.89 | 96.19 | 95.43 |
| 129.0 | 75.34 | 77.06 | 78.74 | 80.81 | 85.22 | 89.78 | 93.78 | 95.44 | 95.98 | 95.52 |
| 132.0 | 75.64 | 77.40 | 79.09 | 81.10 | 85.13 | 89.26 | 92.90 | 94.51 | 95.13 | 94.86 |
| 135.0 | 74.74 | 76.72 | 78.76 | 81.08 | 84.90 | 88.71 | 92.00 | 93.35 | 93.82 | 93.55 |
| 138.0 | 73.16 | 75.44 | 78.05 | 80.97 | 84.75 | 88.35 | 91.33 | 92.28 | 92.41 | 91.98 |
| 141.0 | 73.47 | 75.59 | 78.10 | 80.95 | 84.68 | 88.23 | 91.09 | 91.65 | 91.42 | 90.76 |
| 144.0 | 74.48 | 75.64 | 77.17 | 79.29 | 83.47 | 87.70 | 91.22 | 91.60 | 91.05 | 90.08 |
| 147.0 | 76.11 | 76.74 | 77.66 | 79.24 | 83.52 | 87.98 | 91.74 | 92.04 | 91.34 | 90.22 |
| 150.0 | 76.95 | 77.47 | 78.30 | 79.84 | 84.21 | 88.78 | 92.65 | 92.94 | 92.21 | 91.03 |
| 153.0 | 77.61 | 78.08 | 78.96 | 80.59 | 85.00 | 89.62 | 93.53 | 93.87 | 93.18 | 92.04 |
| 156.0 | 79.30 | 79.65 | 80.40 | 81.90 | 86.21 | 90.74 | 94.60 | 94.95 | 94.28 | 93.15 |
| 159.0 | 81.69 | 82.07 | 82.80 | 84.21 | 88.13 | 92.22 | 95.69 | 95.95 | 95.27 | 94.18 |
| 162.0 | 84.38 | 84.75 | 85.43 | 86.70 | 90.18 | 93.80 | 96.83 | 96.95 | 96.21 | 95.09 |
| 165.0 | 87.11 | 87.41 | 87.97 | 89.04 | 92.11 | 95.30 | 97.95 | 97.97 | 97.22 | 96.12 |
| 168.0 | 89.33 | 89.57 | 90.08 | 91.07 | 93.88 | 96.79 | 99.18 | 99.08 | 98.26 | 97.13 |
| 171.0 | 93.13 | 93.32 | 93.59 | 94.19 | 96.39 | 98.66 | 100.5 | 100.2 | 99.27 | 98.12 |
| 174.0 | 94.84 | 96.15 | 97.52 | 98.88 | 100.2 | 101.3 | 101.8 | 101.2 | 100.2 | 99.13 |
| 177.0 | 95.41 | 96.58 | 97.82 | 99.06 | 100.3 | 101.4 | 102.0 | 101.5 | 100.6 | 99.60 |
| 180.0 | 96.84 | 97.88 | 98.96 | 99.98 | 100.9 | 101.5 | 101.8 | 101.3 | 100.4 | 99.52 |
| G/C | 200.0 | 205.0 | 210.0 | 215.0 | 220.0 | 225.0 | 230.0 | 235.0 | 240.0 | 245.0 |
| 0.0 | 9149 | 9138 | 9128 | 9117 | 9106 | 9096 | 9090 | 9083 | 9076 | 9063 |
| 3.0 | 9101 | 9078 | 9056 | 9033 | 9011 | 8990 | 8973 | 8958 | 8943 | 8925 |
| 6.0 | 9050 | 9012 | 8975 | 8938 | 8902 | 8868 | 8838 | 8810 | 8784 | 8753 |
| 9.0 | 8996 | 8942 | 8887 | 8830 | 8774 | 8721 | 8676 | 8634 | 8594 | 8552 |
| 12.0 | 8937 | 8859 | 8781 | 8700 | 8623 | 8549 | 8487 | 8429 | 8376 | 8320 |
| 15.0 | 8876 | 8773 | 8668 | 8563 | 8462 | 8365 | 8280 | 8203 | 8132 | 8063 |
| 18.0 | 8828 | 8692 | 8555 | 8419 | 8288 | 8165 | 8059 | 7964 | 7878 | 7795 |
| 21.0 | 8791 | 8618 | 8444 | 8276 | 8115 | 7965 | 7836 | 7721 | 7619 | 7524 |
| 24.0 | 8773 | 8556 | 8340 | 8135 | 7941 | 7763 | 7615 | 7485 | 7370 | 7262 |
| 27.0 | 8785 | 8518 | 8252 | 8006 | 7778 | 7572 | 7406 | 7262 | 7135 | 7014 |
| 30.0 | 8828 | 8497 | 8171 | 7885 | 7625 | 7394 | 7211 | 7054 | 6914 | 6771 |
| 33.0 | 8896 | 8495 | 8100 | 7768 | 7471 | 7211 | 7010 | 6838 | 6683 | 6509 |
| 36.0 | 8962 | 8502 | 8046 | 7669 | 7332 | 7035 | 6798 | 6592 | 6404 | 6193 |
| 39.0 | 8999 | 8513 | 8023 | 7599 | 7207 | 6853 | 6556 | 6292 | 6054 | 5810 |
| 42.0 | 8965 | 8477 | 7979 | 7512 | 7066 | 6648 | 6277 | 5944 | 5647 | 5383 |
| 45.0 | 8890 | 8359 | 7818 | 7315 | 6831 | 6373 | 5939 | 5546 | 5204 | 4941 |
| 48.0 | 8894 | 8245 | 7591 | 7021 | 6488 | 5992 | 5520 | 5100 | 4746 | 4505 |
| 51.0 | 9075 | 8281 | 7470 | 6767 | 6119 | 5537 | 5046 | 4637 | 4316 | 4116 |
| 54.0 | 9435 | 8500 | 7515 | 6627 | 5807 | 5091 | 4577 | 4191 | 3919 | 3773 |
| 57.0 | 9892 | 8877 | 7750 | 6632 | 5577 | 4663 | 4126 | 3772 | 3560 | 3446 |
| 60.0 | 10209 | 9241 | 8080 | 6738 | 5425 | 4278 | 3712 | 3383 | 3221 | 3106 |
| 63.0 | 9943 | 9241 | 8269 | 6809 | 5304 | 3957 | 3360 | 3035 | 2896 | 2771 |
| 66.0 | 8962 | 8617 | 7964 | 6562 | 5040 | 3641 | 3044 | 2719 | 2578 | 2443 |
| 69.0 | 7396 | 7439 | 7174 | 5966 | 4576 | 3256 | 2712 | 2407 | 2255 | 2078 |
| 72.0 | 5749 | 5920 | 5835 | 4915 | 3820 | 2760 | 2317 | 2049 | 1886 | 1658 |
| 75.0 | 4413 | 4344 | 4112 | 3511 | 2826 | 2166 | 1825 | 1582 | 1402 | 1199 |
| 78.0 | 3431 | 3021 | 2525 | 2123 | 1750 | 1429 | 1246 | 1115 | 1015 | 879.2 |
| 81.0 | 2655 | 2005 | 1319 | 1028 | 843.8 | 739.6 | 680.1 | 653.7 | 640.1 | 581.6 |
| 84.0 | 1593 | 1125 | 639.2 | 464.5 | 373.9 | 342.2 | 328.5 | 335.3 | 349.2 | 334.6 |
| 87.0 | 428.6 | 325.1 | 212.5 | 163.7 | 132.0 | 114.3 | 107.8 | 108.5 | 112.9 | 113.6 |
| 90.0 | 55.46 | 54.82 | 53.69 | 52.17 | 50.38 | 48.40 | 46.71 | 44.78 | 42.42 | 38.56 |
| 93.0 | 55.45 | 53.61 | 51.44 | 49.18 | 46.71 | 44.03 | 40.93 | 37.83 | 34.93 | 32.63 |
| 96.0 | 60.04 | 57.60 | 54.90 | 52.46 | 49.92 | 47.25 | 44.09 | 40.93 | 37.94 | 35.52 |
| 99.0 | 65.18 | 62.29 | 59.20 | 56.59 | 53.96 | 51.24 | 48.07 | 44.89 | 41.85 | 39.20 |
| 102.0 | 70.12 | 66.86 | 63.44 | 60.73 | 58.07 | 55.38 | 52.27 | 49.14 | 46.10 | 43.28 |
| 105.0 | 74.55 | 70.93 | 67.21 | 64.43 | 61.81 | 59.23 | 56.30 | 53.35 | 50.45 | 47.58 |
| 108.0 | 78.50 | 74.67 | 70.77 | 67.97 | 65.39 | 62.92 | 60.24 | 57.55 | 54.87 | 52.01 |
| 111.0 | 82.29 | 78.47 | 74.58 | 71.78 | 69.24 | 66.83 | 64.31 | 61.79 | 59.27 | 56.46 |
| 114.0 | 85.90 | 82.34 | 78.63 | 75.81 | 73.19 | 70.71 | 68.30 | 65.94 | 63.57 | 60.84 |
| 117.0 | 89.06 | 85.89 | 82.47 | 79.62 | 76.90 | 74.32 | 72.00 | 69.77 | 67.58 | 65.00 |
| 120.0 | 91.39 | 88.55 | 85.43 | 82.71 | 80.08 | 77.56 | 75.31 | 73.17 | 71.10 | 68.81 |
| 123.0 | 92.85 | 90.22 | 87.34 | 84.89 | 82.51 | 80.22 | 78.08 | 76.05 | 74.14 | 72.24 |
| 126.0 | 93.60 | 91.19 | 88.51 | 86.21 | 84.00 | 81.90 | 80.00 | 78.27 | 76.71 | 75.31 |
| 129.0 | 93.97 | 91.81 | 89.32 | 87.01 | 84.76 | 82.71 | 81.21 | 79.96 | 78.94 | 78.06 |
| 132.0 | 93.63 | 91.83 | 89.68 | 87.47 | 85.32 | 83.41 | 82.28 | 81.48 | 80.92 | 80.46 |
| 135.0 | 92.75 | 91.50 | 89.91 | 87.95 | 86.01 | 84.29 | 83.48 | 83.01 | 82.78 | 82.62 |
| 138.0 | 91.62 | 90.97 | 90.05 | 88.56 | 87.01 | 85.62 | 85.01 | 84.69 | 84.56 | 84.50 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 141.0 | 90.62 | 90.37 | 89.95 | 89.04 | 88.05 | 87.13 | 86.64 | 86.33 | 86.16 | 86.08 |
| 144.0 | 90.02 | 89.98 | 89.87 | 89.39 | 88.84 | 88.30 | 87.98 | 87.74 | 87.57 | 87.39 |
| 147.0 | 90.12 | 90.09 | 90.07 | 89.85 | 89.59 | 89.31 | 89.06 | 88.82 | 88.60 | 88.38 |
| 150.0 | 90.83 | 90.71 | 90.65 | 90.57 | 90.47 | 90.35 | 90.10 | 89.84 | 89.58 | 89.33 |
| 153.0 | 91.80 | 91.65 | 91.56 | 91.51 | 91.45 | 91.35 | 91.09 | 90.79 | 90.51 | 90.30 |
| 156.0 | 92.92 | 92.75 | 92.62 | 92.43 | 92.24 | 92.05 | 91.84 | 91.64 | 91.49 | 91.42 |
| 159.0 | 93.91 | 93.69 | 93.49 | 93.20 | 92.91 | 92.65 | 92.48 | 92.36 | 92.29 | 92.28 |
| 162.0 | 94.73 | 94.42 | 94.15 | 93.82 | 93.51 | 93.24 | 93.02 | 92.88 | 92.81 | 92.87 |
| 165.0 | 95.70 | 95.35 | 95.03 | 94.66 | 94.32 | 94.03 | 93.85 | 93.74 | 93.70 | 93.71 |
| 168.0 | 96.65 | 96.24 | 95.87 | 95.48 | 95.12 | 94.81 | 94.62 | 94.49 | 94.41 | 94.32 |
| 171.0 | 97.60 | 97.15 | 96.76 | 96.29 | 95.85 | 95.47 | 95.20 | 95.00 | 94.85 | 94.67 |
| 174.0 | 98.53 | 98.00 | 97.52 | 96.92 | 96.35 | 95.83 | 95.47 | 95.18 | 94.94 | 94.63 |
| 177.0 | 98.99 | 98.42 | 97.86 | 97.18 | 96.52 | 95.90 | 95.47 | 95.11 | 94.78 | 94.33 |
| 180.0 | 98.99 | 98.49 | 97.97 | 97.22 | 96.45 | 95.73 | 95.25 | 94.85 | 94.48 | 93.95 |
| G/C | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 | 280.0 | 285.0 | 290.0 | 295.0 |
| 0.0 | 9050 | 9039 | 9035 | 9031 | 9027 | 9017 | 9007 | 8997 | 8994 | 8992 |
| 3.0 | 8907 | 8892 | 8883 | 8877 | 8871 | 8861 | 8852 | 8846 | 8846 | 8850 |
| 6.0 | 8724 | 8700 | 8688 | 8681 | 8676 | 8665 | 8657 | 8654 | 8662 | 8674 |
| 9.0 | 8513 | 8481 | 8463 | 8451 | 8444 | 8432 | 8426 | 8426 | 8441 | 8463 |
| 12.0 | 8269 | 8226 | 8202 | 8187 | 8178 | 8167 | 8162 | 8166 | 8188 | 8220 |
| 15.0 | 8003 | 7953 | 7922 | 7902 | 7890 | 7878 | 7874 | 7883 | 7912 | 7954 |
| 18.0 | 7723 | 7664 | 7627 | 7604 | 7591 | 7579 | 7578 | 7578 | 7628 | 7679 |
| 21.0 | 7443 | 7377 | 7332 | 7302 | 7285 | 7273 | 7275 | 7294 | 7338 | 7400 |
| 24.0 | 7169 | 7092 | 7038 | 7000 | 6979 | 6968 | 6974 | 7001 | 7056 | 7131 |
| 27.0 | 6908 | 6817 | 6744 | 6691 | 6658 | 6649 | 6664 | 6703 | 6776 | 6869 |
| 30.0 | 6641 | 6527 | 6432 | 6360 | 6317 | 6313 | 6341 | 6399 | 6495 | 6613 |
| 33.0 | 6346 | 6203 | 6087 | 6002 | 5953 | 5953 | 5992 | 6070 | 6198 | 6351 |
| 36.0 | 5997 | 5826 | 5695 | 5602 | 5552 | 5560 | 5614 | 5711 | 5866 | 6049 |
| 39.0 | 5592 | 5407 | 5273 | 5182 | 5138 | 5148 | 5206 | 5312 | 5481 | 5685 |
| 42.0 | 5159 | 4980 | 4855 | 4777 | 4745 | 4752 | 4805 | 4906 | 5068 | 5273 |
| 45.0 | 4733 | 4578 | 4469 | 4404 | 4379 | 4381 | 4424 | 4511 | 4651 | 4841 |
| 48.0 | 4331 | 4211 | 4121 | 4070 | 4051 | 4050 | 4083 | 4154 | 4259 | 4417 |
| 51.0 | 3988 | 3910 | 3839 | 3797 | 3780 | 3779 | 3804 | 3858 | 3925 | 4044 |
| 54.0 | 3700 | 3671 | 3612 | 3570 | 3548 | 3557 | 3585 | 3632 | 3655 | 3720 |
| 57.0 | 3404 | 3401 | 3355 | 3321 | 3304 | 3322 | 3355 | 3397 | 3393 | 3422 |
| 60.0 | 3062 | 3060 | 3034 | 3020 | 3018 | 3031 | 3052 | 3081 | 3078 | 3105 |
| 63.0 | 2717 | 2708 | 2691 | 2690 | 2698 | 2701 | 2710 | 2729 | 2737 | 2774 |
| 66.0 | 2378 | 2358 | 2333 | 2324 | 2328 | 2333 | 2348 | 2374 | 2398 | 2447 |
| 69.0 | 1955 | 1872 | 1791 | 1740 | 1723 | 1761 | 1828 | 1916 | 1994 | 2093 |
| 72.0 | 1471 | 1326 | 1243 | 1202 | 1198 | 1216 | 1268 | 1358 | 1504 | 1680 |
| 75.0 | 1031 | 904.5 | 844.9 | 822.4 | 827.3 | 823.9 | 848.4 | 910.7 | 1047 | 1221 |
| 78.0 | 759.3 | 664.9 | 629.3 | 619.3 | 626.2 | 616.2 | 623.6 | 658.2 | 748.5 | 870.8 |
| 81.0 | 523.6 | 473.9 | 455.7 | 450.0 | 453.0 | 448.8 | 455.1 | 477.3 | 534.2 | 608.0 |
| 84.0 | 317.3 | 300.6 | 292.6 | 288.7 | 289.0 | 291.8 | 300.1 | 315.4 | 345.6 | 380.4 |
| 87.0 | 113.7 | 112.7 | 105.7 | 99.35 | 96.06 | 102.1 | 113.2 | 129.1 | 153.6 | 178.7 |
| 90.0 | 34.62 | 31.10 | 29.06 | 28.03 | 28.10 | 30.06 | 32.75 | 35.73 | 37.99 | 40.09 |
| 93.0 | 30.75 | 29.30 | 28.37 | 27.88 | 27.78 | 27.98 | 28.58 | 29.64 | 31.24 | 33.33 |
| 96.0 | 33.49 | 31.90 | 30.94 | 30.39 | 30.21 | 30.18 | 30.50 | 31.23 | 32.48 | 34.22 |
| 99.0 | 36.91 | 35.07 | 33.96 | 33.31 | 33.09 | 33.08 | 33.47 | 34.30 | 35.69 | 37.54 |
| 102.0 | 40.78 | 38.73 | 37.48 | 36.75 | 36.47 | 36.52 | 37.00 | 37.93 | 39.39 | 41.29 |
| 105.0 | 44.97 | 42.79 | 41.42 | 40.59 | 40.26 | 40.35 | 40.91 | 41.95 | 43.54 | 45.56 |
| 108.0 | 49.36 | 47.09 | 45.65 | 44.75 | 44.38 | 44.50 | 45.12 | 46.24 | 47.96 | 50.07 |
| 111.0 | 53.81 | 51.53 | 50.07 | 49.15 | 48.77 | 48.92 | 49.58 | 50.74 | 52.51 | 54.63 |
| 114.0 | 58.26 | 56.02 | 54.61 | 53.74 | 53.38 | 53.53 | 54.17 | 55.29 | 57.05 | 59.14 |
| 117.0 | 62.58 | 60.49 | 59.20 | 58.41 | 58.10 | 58.24 | 58.83 | 59.88 | 61.52 | 63.48 |
| 120.0 | 66.70 | 64.90 | 63.75 | 63.04 | 62.77 | 62.92 | 63.48 | 64.43 | 65.86 | 67.59 |
| 123.0 | 70.53 | 69.10 | 68.12 | 67.49 | 67.24 | 67.40 | 67.92 | 68.78 | 69.96 | 71.43 |
| 126.0 | 74.09 | 73.09 | 72.28 | 71.73 | 71.48 | 71.67 | 72.16 | 72.93 | 73.83 | 75.00 |
| 129.0 | 77.31 | 76.69 | 76.06 | 75.58 | 75.34 | 75.54 | 76.00 | 76.68 | 77.38 | 78.33 |
| 132.0 | 80.11 | 79.82 | 79.35 | 78.98 | 78.77 | 78.99 | 79.42 | 80.02 | 80.59 | 81.36 |
| 135.0 | 82.53 | 82.48 | 82.22 | 82.00 | 81.89 | 82.09 | 82.44 | 82.93 | 83.42 | 84.09 |
| 138.0 | 84.51 | 84.56 | 84.48 | 84.43 | 84.45 | 84.63 | 84.92 | 85.33 | 85.84 | 86.50 |
| 141.0 | 86.09 | 86.16 | 86.21 | 86.30 | 86.45 | 86.67 | 86.96 | 87.35 | 87.88 | 88.52 |
| 144.0 | 87.29 | 87.27 | 87.42 | 87.64 | 87.92 | 88.15 | 88.44 | 88.81 | 89.41 | 90.09 |
| 147.0 | 88.22 | 88.15 | 88.32 | 88.58 | 88.90 | 89.15 | 89.45 | 89.82 | 90.40 | 91.03 |
| 150.0 | 89.15 | 89.06 | 89.17 | 89.39 | 89.66 | 89.92 | 90.23 | 90.61 | 91.14 | 91.72 |
| 153.0 | 90.15 | 90.10 | 90.23 | 90.44 | 90.69 | 90.87 | 91.09 | 91.37 | 91.80 | 92.31 |
| 156.0 | 91.41 | 91.45 | 91.56 | 91.71 | 91.90 | 92.09 | 92.30 | 92.55 | 92.83 | 93.16 |
| 159.0 | 92.33 | 92.44 | 92.63 | 92.85 | 93.07 | 93.20 | 93.33 | 93.49 | 93.69 | 93.95 |
| 162.0 | 93.00 | 93.19 | 93.44 | 93.69 | 93.92 | 94.02 | 94.11 | 94.20 | 94.39 | 94.63 |
| 165.0 | 93.78 | 93.92 | 94.20 | 94.51 | 94.79 | 94.89 | 94.96 | 95.02 | 95.12 | 95.27 |
| 168.0 | 94.31 | 94.38 | 94.68 | 95.04 | 95.37 | 95.51 | 95.60 | 95.65 | 95.70 | 95.77 |
| 171.0 | 94.56 | 94.57 | 94.87 | 95.25 | 95.62 | 95.77 | 95.86 | 95.92 | 95.96 | 96.01 |
| 174.0 | 94.40 | 94.31 | 94.62 | 95.03 | 95.45 | 95.62 | 95.72 | 95.79 | 95.85 | 95.92 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:07 October 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 177.0 | 93.98 | 93.80 | 94.13 | 94.59 | 95.05 | 95.16 | 95.20 | 95.21 | 95.29 | 95.39 |
| 180.0 | 93.48 | 93.14 | 93.19 | 93.36 | 93.58 | 93.64 | 93.69 | 93.74 | 93.82 | 93.92 |
| G/C | 300.0 | 305.0 | 310.0 | 315.0 | 320.0 | 325.0 | 330.0 | 335.0 | 340.0 | 345.0 |
| 0.0 | 8990 | 8986 | 8981 | 8977 | 8977 | 8978 | 8978 | 8964 | 8958 | 8970 |
| 3.0 | 8855 | 8859 | 8864 | 8871 | 8881 | 8892 | 8903 | 8901 | 8908 | 8932 |
| 6.0 | 8690 | 8703 | 8718 | 8736 | 8761 | 8788 | 8815 | 8828 | 8848 | 8886 |
| 9.0 | 8490 | 8515 | 8544 | 8578 | 8619 | 8664 | 8709 | 8739 | 8777 | 8832 |
| 12.0 | 8259 | 8300 | 8347 | 8399 | 8458 | 8521 | 8586 | 8635 | 8693 | 8768 |
| 15.0 | 8006 | 8062 | 8126 | 8197 | 8279 | 8366 | 8454 | 8527 | 8608 | 8705 |
| 18.0 | 7743 | 7815 | 7897 | 7988 | 8092 | 8202 | 8316 | 8414 | 8520 | 8642 |
| 21.0 | 7476 | 7563 | 7661 | 7772 | 7897 | 8031 | 8171 | 8301 | 8440 | 8594 |
| 24.0 | 7221 | 7319 | 7431 | 7557 | 7703 | 7861 | 8029 | 8197 | 8374 | 8564 |
| 27.0 | 6978 | 7086 | 7209 | 7349 | 7517 | 7703 | 7902 | 8107 | 8323 | 8552 |
| 30.0 | 6745 | 6867 | 7002 | 7155 | 7341 | 7549 | 7778 | 8029 | 8294 | 8569 |
| 33.0 | 6517 | 6655 | 6803 | 6970 | 7174 | 7406 | 7666 | 7969 | 8289 | 8618 |
| 36.0 | 6247 | 6417 | 6597 | 6793 | 7017 | 7270 | 7559 | 7921 | 8305 | 8695 |
| 39.0 | 5911 | 6127 | 6356 | 6601 | 6855 | 7140 | 7465 | 7890 | 8341 | 8791 |
| 42.0 | 5513 | 5777 | 6066 | 6376 | 6684 | 7020 | 7397 | 7877 | 8379 | 8874 |
| 45.0 | 5081 | 5388 | 5736 | 6115 | 6496 | 6903 | 7341 | 7851 | 8374 | 8891 |
| 48.0 | 4639 | 4967 | 5356 | 5790 | 6240 | 6718 | 7223 | 7767 | 8320 | 8869 |
| 51.0 | 4232 | 4546 | 4936 | 5392 | 5905 | 6461 | 7052 | 7669 | 8295 | 8915 |
| 54.0 | 3855 | 4123 | 4488 | 4951 | 5547 | 6216 | 6933 | 7672 | 8409 | 9121 |
| 57.0 | 3516 | 3714 | 4030 | 4486 | 5200 | 6030 | 6928 | 7851 | 8745 | 9561 |
| 60.0 | 3187 | 3310 | 3570 | 4021 | 4901 | 5948 | 7085 | 8245 | 9325 | 10236 |
| 63.0 | 2857 | 2899 | 3104 | 3567 | 4705 | 6058 | 7486 | 8797 | 9939 | 10806 |
| 66.0 | 2536 | 2514 | 2680 | 3169 | 4607 | 6271 | 7924 | 9073 | 9941 | 10489 |
| 69.0 | 2219 | 2183 | 2337 | 2835 | 4445 | 6251 | 7948 | 8760 | 9212 | 9355 |
| 72.0 | 1878 | 1881 | 2043 | 2511 | 4049 | 5720 | 7203 | 7568 | 7565 | 7337 |
| 75.0 | 1424 | 1507 | 1704 | 2113 | 3282 | 4515 | 5567 | 5678 | 5508 | 5198 |
| 78.0 | 1020 | 1124 | 1297 | 1586 | 2264 | 2980 | 3609 | 3794 | 3818 | 3731 |
| 81.0 | 693.9 | 750.1 | 837.5 | 979.5 | 1280 | 1622 | 1969 | 2285 | 2533 | 2673 |
| 84.0 | 416.5 | 428.9 | 451.3 | 496.0 | 569.9 | 695.2 | 888.6 | 1323 | 1742 | 2044 |
| 87.0 | 200.6 | 199.3 | 199.5 | 209.4 | 224.8 | 276.4 | 382.2 | 689.2 | 989.5 | 1204 |
| 90.0 | 42.03 | 42.37 | 43.62 | 46.86 | 48.06 | 57.22 | 79.26 | 151.1 | 221.6 | 271.6 |
| 93.0 | 35.93 | 39.56 | 43.34 | 46.87 | 49.26 | 51.03 | 52.18 | 52.86 | 52.83 | 51.98 |
| 96.0 | 36.47 | 39.73 | 43.19 | 46.52 | 48.81 | 50.74 | 52.38 | 54.43 | 55.93 | 56.51 |
| 99.0 | 39.82 | 42.82 | 46.00 | 49.10 | 51.43 | 53.55 | 55.52 | 58.20 | 60.38 | 61.59 |
| 102.0 | 43.61 | 46.54 | 49.64 | 52.69 | 55.08 | 57.32 | 59.51 | 62.63 | 65.28 | 66.92 |
| 105.0 | 47.95 | 50.79 | 53.77 | 56.72 | 59.08 | 61.36 | 63.69 | 67.14 | 70.17 | 72.18 |
| 108.0 | 52.47 | 55.09 | 57.81 | 60.52 | 62.81 | 65.12 | 67.57 | 71.34 | 74.73 | 77.09 |
| 111.0 | 56.99 | 59.36 | 61.79 | 64.25 | 66.48 | 68.81 | 71.35 | 75.28 | 78.87 | 81.41 |
| 114.0 | 61.43 | 63.61 | 65.85 | 68.14 | 70.35 | 72.69 | 75.27 | 79.21 | 82.78 | 85.31 |
| 117.0 | 65.64 | 67.71 | 69.86 | 72.10 | 74.38 | 76.80 | 79.40 | 83.16 | 86.49 | 88.75 |
| 120.0 | 69.55 | 71.57 | 73.72 | 75.99 | 78.32 | 80.76 | 83.29 | 86.71 | 89.65 | 91.52 |
| 123.0 | 73.16 | 75.17 | 77.34 | 79.63 | 81.91 | 84.22 | 86.55 | 89.56 | 92.05 | 93.50 |
| 126.0 | 76.47 | 78.49 | 80.71 | 83.01 | 85.11 | 87.15 | 89.13 | 91.63 | 93.60 | 94.58 |
| 129.0 | 79.58 | 81.52 | 83.66 | 85.84 | 87.66 | 89.35 | 90.92 | 92.93 | 94.43 | 95.02 |
| 132.0 | 82.42 | 84.19 | 86.15 | 88.10 | 89.61 | 90.96 | 92.18 | 93.82 | 94.96 | 95.21 |
| 135.0 | 85.00 | 86.49 | 88.12 | 89.75 | 90.99 | 92.08 | 93.06 | 94.51 | 95.46 | 95.50 |
| 138.0 | 87.32 | 88.48 | 89.73 | 90.97 | 91.98 | 92.89 | 93.72 | 95.08 | 95.92 | 95.81 |
| 141.0 | 89.26 | 90.16 | 91.10 | 92.04 | 92.87 | 93.64 | 94.33 | 95.52 | 96.18 | 95.89 |
| 144.0 | 90.80 | 91.46 | 92.12 | 92.78 | 93.49 | 94.17 | 94.78 | 95.83 | 96.37 | 95.97 |
| 147.0 | 91.68 | 92.24 | 92.79 | 93.35 | 93.98 | 94.59 | 95.16 | 96.16 | 96.68 | 96.29 |
| 150.0 | 92.33 | 92.89 | 93.45 | 94.00 | 94.57 | 95.12 | 95.64 | 96.59 | 97.09 | 96.75 |
| 153.0 | 92.88 | 93.50 | 94.15 | 94.79 | 95.42 | 96.00 | 96.50 | 97.32 | 97.70 | 97.28 |
| 156.0 | 93.56 | 94.07 | 94.64 | 95.29 | 96.10 | 96.89 | 97.57 | 98.34 | 98.62 | 98.13 |
| 159.0 | 94.28 | 94.69 | 95.19 | 95.78 | 96.62 | 97.46 | 98.23 | 99.10 | 99.51 | 99.19 |
| 162.0 | 94.92 | 95.25 | 95.65 | 96.15 | 96.87 | 97.65 | 98.42 | 99.41 | 100.0 | 100.0 |
| 165.0 | 95.47 | 95.75 | 96.12 | 96.59 | 97.22 | 97.92 | 98.67 | 99.78 | 100.6 | 100.9 |
| 168.0 | 95.89 | 96.10 | 96.40 | 96.82 | 97.42 | 98.12 | 98.89 | 100.0 | 101.0 | 101.4 |
| 171.0 | 96.10 | 96.28 | 96.55 | 96.96 | 97.60 | 98.35 | 99.17 | 100.2 | 101.0 | 101.5 |
| 174.0 | 96.01 | 96.11 | 96.29 | 96.62 | 97.25 | 98.03 | 98.92 | 100.0 | 101.0 | 101.8 |
| 177.0 | 95.51 | 95.62 | 95.81 | 96.11 | 96.65 | 97.34 | 98.13 | 99.18 | 100.2 | 101.0 |
| 180.0 | 94.07 | 94.22 | 94.46 | 94.82 | 95.41 | 96.12 | 96.93 | 97.88 | 98.83 | 99.74 |
| G/C | 350.0 | 355.0 | | | | | | | | |
| 0.0 | 9022 | 9101 | | | | | | | | |
| 3.0 | 8997 | 9089 | | | | | | | | |
| 6.0 | 8965 | 9070 | | | | | | | | |
| 9.0 | 8926 | 9045 | | | | | | | | |
| 12.0 | 8878 | 9014 | | | | | | | | |
| 15.0 | 8836 | 8992 | | | | | | | | |
| 18.0 | 8797 | 8975 | | | | | | | | |
| 21.0 | 8776 | 8979 | | | | | | | | |

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:07 October 2023

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:7.850m [K=1.0000]

Remarks:

Photometric Data Table [cd]

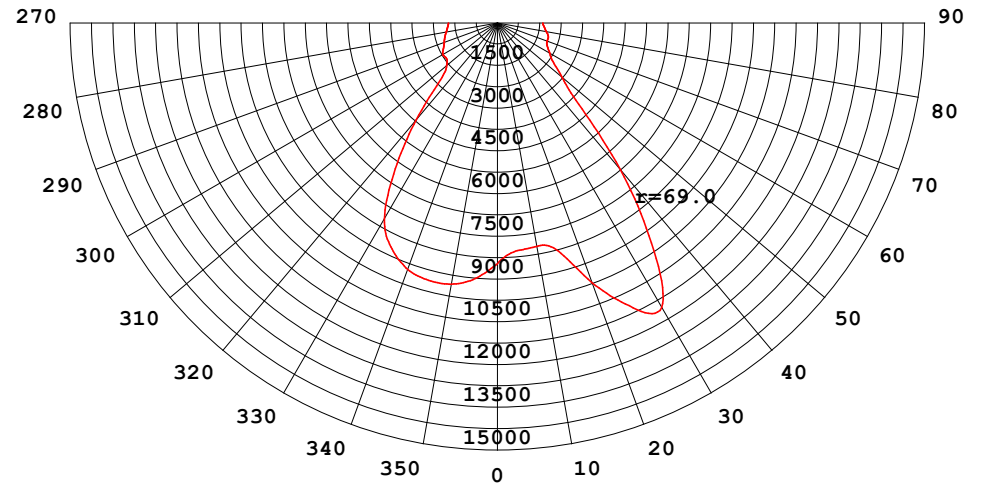
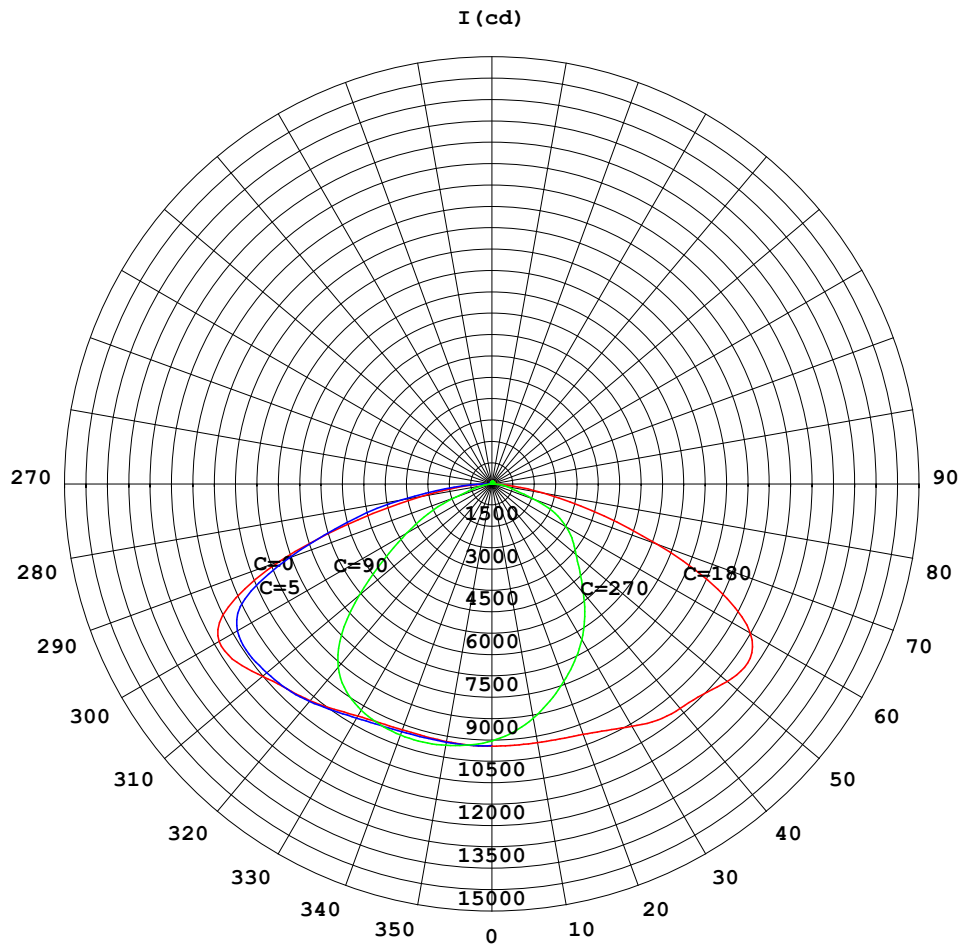
| | | |
|-------|-------|-------|
| 24.0 | 8775 | 9001 |
| 27.0 | 8793 | 9047 |
| 30.0 | 8844 | 9125 |
| 33.0 | 8931 | 9242 |
| 36.0 | 9048 | 9388 |
| 39.0 | 9181 | 9546 |
| 42.0 | 9296 | 9682 |
| 45.0 | 9348 | 9777 |
| 48.0 | 9382 | 9877 |
| 51.0 | 9495 | 10055 |
| 54.0 | 9749 | 10327 |
| 57.0 | 10181 | 10673 |
| 60.0 | 10769 | 11044 |
| 63.0 | 11160 | 11137 |
| 66.0 | 10630 | 10415 |
| 69.0 | 9311 | 9011 |
| 72.0 | 7209 | 6994 |
| 75.0 | 5083 | 4972 |
| 78.0 | 3652 | 3513 |
| 81.0 | 2619 | 2421 |
| 84.0 | 1995 | 1729 |
| 87.0 | 1150 | 930.7 |
| 90.0 | 256.6 | 202.0 |
| 93.0 | 50.09 | 47.29 |
| 96.0 | 55.34 | 52.89 |
| 99.0 | 60.76 | 58.50 |
| 102.0 | 66.33 | 64.21 |
| 105.0 | 71.80 | 69.81 |
| 108.0 | 76.91 | 75.05 |
| 111.0 | 81.32 | 79.50 |
| 114.0 | 85.17 | 83.30 |
| 117.0 | 88.43 | 86.37 |
| 120.0 | 90.94 | 88.70 |
| 123.0 | 92.69 | 90.31 |
| 126.0 | 93.53 | 91.05 |
| 129.0 | 93.74 | 91.15 |
| 132.0 | 93.67 | 90.87 |
| 135.0 | 93.68 | 90.56 |
| 138.0 | 93.71 | 90.23 |
| 141.0 | 93.63 | 89.96 |
| 144.0 | 93.64 | 89.97 |
| 147.0 | 94.03 | 90.46 |
| 150.0 | 94.65 | 91.30 |
| 153.0 | 95.28 | 92.15 |
| 156.0 | 96.20 | 93.19 |
| 159.0 | 97.49 | 94.79 |
| 162.0 | 98.74 | 96.51 |
| 165.0 | 99.86 | 98.00 |
| 168.0 | 100.7 | 99.23 |
| 171.0 | 101.2 | 100.4 |
| 174.0 | 101.9 | 101.5 |
| 177.0 | 101.3 | 101.3 |
| 180.0 | 100.4 | 101.0 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:07 October 2023

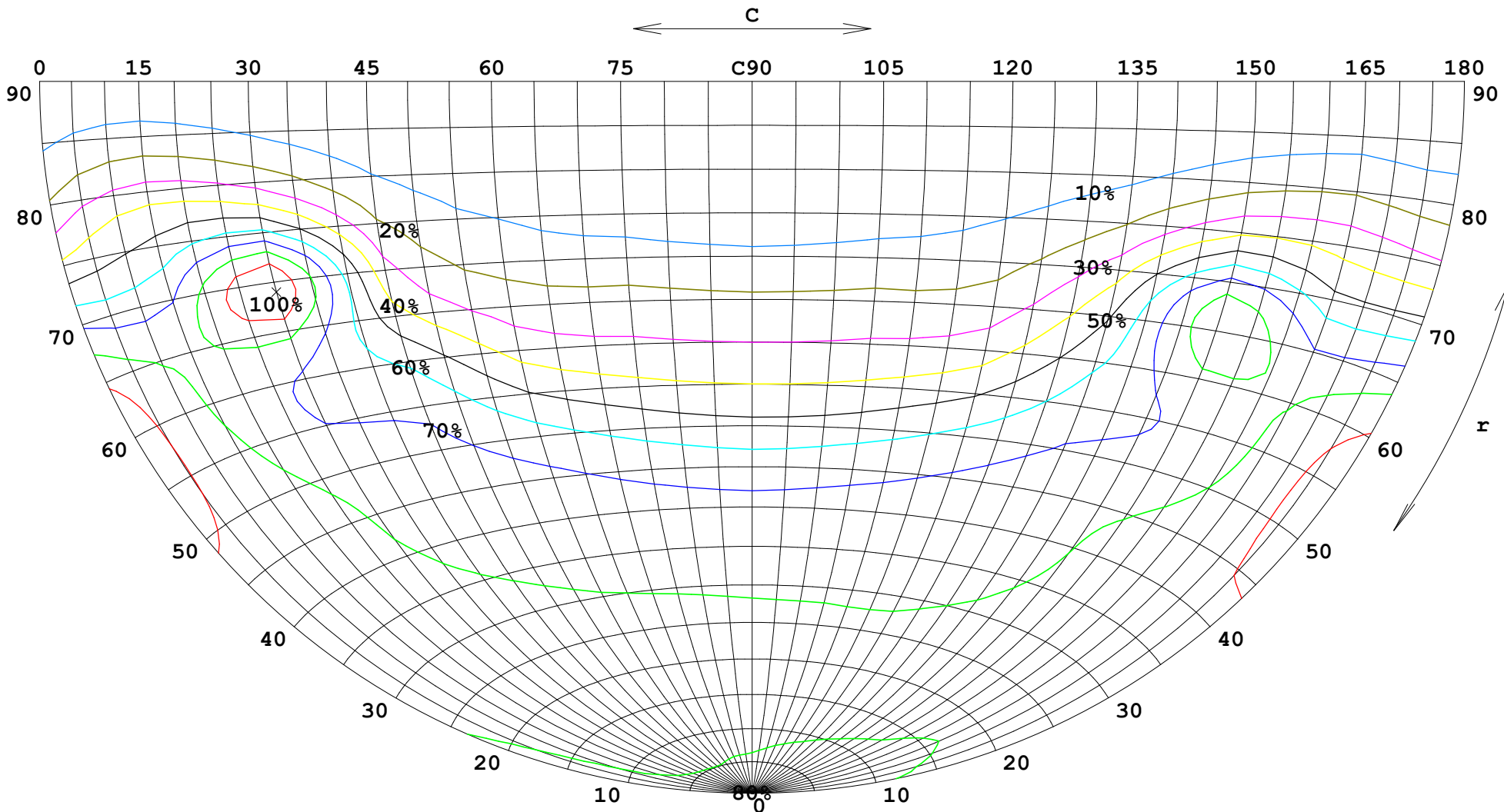
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

FLUX DATA:

LOR: 100.0 %
STREET DOWN: 18284 lm
STREET UP: 190.2 lm
HOUSE DOWN: 15478 lm
HOUSE UP: 231.2 lm



$I_{max}(100\%) = 11546 \text{ cd}$



$E_{\max}(100\%) = 92.07 \text{ lx}$ $H = 10\text{m}$

