



Bell-Southcn Testing Laboratory(Shenzhen)

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Client:

LumCAT: SPKPL-RDLRE2R-RGBTW-WH

Luminaire:

Report No:

Ballast type:

Test No: BST24111202-9

Voltage(V): 120.000

LampCAT:

Current(A): 0.031

Lamp flux(lm)

Power (W): 3.700

Number of Lamps: 1

PF: 0.966

Length(mm): 90

Width(mm): 90

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 183.85, Luminous Efficacy(lm/W): 49.69

Central intensity(cd): 211.93, Maximum intensity(cd): 216.50

Angle of maximum intensity: $C=337.5$ $\gamma=5.0$

Beam Angle(50%Imax): [C0/180]Total=54.5

[C90/270]Total=53.4

Field angle(10%Imax): [C0/180]Total=74.1

[C90/270]Total=74.2

Maximum s/h(1/2): C0_180=0.89 C90_270=0.81

Maximum s/h(1/4): C0_180=0.84 C90_270=0.76

Up flux rate of LUM(%): 0.31%

Down flux rate of LUM(%): 99.69%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 93.785%

Equipment: GMS-1800
Temperature(°C): 25.0

Date: 2024-11-12
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 0.0 | 211.932 | 0.000 | 0.000 | 0.000% | 0.000% |
| 1.0 | 212.103 | 0.203 | 0.203 | 0.110% | 0.110% |
| 2.0 | 212.427 | 0.609 | 0.812 | 0.331% | 0.442% |
| 3.0 | 212.913 | 1.017 | 1.829 | 0.553% | 0.995% |
| 4.0 | 213.296 | 1.427 | 3.256 | 0.776% | 1.771% |
| 5.0 | 213.552 | 1.836 | 5.092 | 0.999% | 2.770% |
| 6.0 | 213.501 | 2.244 | 7.337 | 1.221% | 3.991% |
| 7.0 | 213.049 | 2.648 | 9.984 | 1.440% | 5.431% |
| 8.0 | 212.205 | 3.043 | 13.028 | 1.655% | 7.086% |
| 9.0 | 210.901 | 3.429 | 16.457 | 1.865% | 8.951% |
| 10.0 | 209.255 | 3.802 | 20.259 | 2.068% | 11.020% |
| 11.0 | 206.501 | 4.154 | 24.413 | 2.260% | 13.279% |
| 12.0 | 203.269 | 4.479 | 28.893 | 2.436% | 15.716% |
| 13.0 | 199.816 | 4.784 | 33.676 | 2.602% | 18.318% |
| 14.0 | 195.425 | 5.059 | 38.735 | 2.752% | 21.070% |
| 15.0 | 190.352 | 5.296 | 44.031 | 2.881% | 23.950% |
| 16.0 | 184.085 | 5.487 | 49.518 | 2.984% | 26.935% |
| 17.0 | 177.724 | 5.634 | 55.152 | 3.065% | 29.999% |
| 18.0 | 171.943 | 5.765 | 60.918 | 3.136% | 33.135% |
| 19.0 | 164.184 | 5.848 | 66.766 | 3.181% | 36.316% |
| 20.0 | 157.099 | 5.880 | 72.646 | 3.199% | 39.515% |
| 21.0 | 150.056 | 5.898 | 78.544 | 3.208% | 42.723% |
| 22.0 | 143.491 | 5.899 | 84.443 | 3.209% | 45.931% |
| 23.0 | 136.346 | 5.872 | 90.315 | 3.194% | 49.125% |
| 24.0 | 128.851 | 5.798 | 96.113 | 3.154% | 52.279% |
| 25.0 | 121.331 | 5.689 | 101.801 | 3.094% | 55.373% |
| 26.0 | 114.851 | 5.575 | 107.376 | 3.032% | 58.406% |
| 27.0 | 108.081 | 5.454 | 112.830 | 2.967% | 61.372% |
| 28.0 | 100.825 | 5.289 | 118.120 | 2.877% | 64.249% |
| 29.0 | 92.648 | 5.062 | 123.181 | 2.753% | 67.003% |
| 30.0 | 84.838 | 4.792 | 127.973 | 2.607% | 69.609% |
| 31.0 | 76.959 | 4.503 | 132.476 | 2.449% | 72.058% |
| 32.0 | 68.220 | 4.159 | 136.635 | 2.262% | 74.321% |
| 33.0 | 58.346 | 3.729 | 140.364 | 2.028% | 76.349% |
| 34.0 | 46.384 | 3.169 | 143.533 | 1.724% | 78.073% |
| 35.0 | 38.812 | 2.646 | 146.179 | 1.439% | 79.512% |
| 36.0 | 31.181 | 2.229 | 148.408 | 1.212% | 80.724% |
| 37.0 | 24.471 | 1.815 | 150.223 | 0.987% | 81.711% |

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 38.0 | 21.197 | 1.524 | 151.747 | 0.829% | 82.541% |
| 39.0 | 19.082 | 1.375 | 153.122 | 0.748% | 83.288% |
| 40.0 | 18.153 | 1.299 | 154.421 | 0.706% | 83.995% |
| 41.0 | 16.422 | 1.231 | 155.652 | 0.670% | 84.664% |
| 42.0 | 15.186 | 1.148 | 156.800 | 0.625% | 85.289% |
| 43.0 | 14.597 | 1.103 | 157.903 | 0.600% | 85.889% |
| 44.0 | 13.813 | 1.072 | 158.976 | 0.583% | 86.472% |
| 45.0 | 12.926 | 1.028 | 160.003 | 0.559% | 87.031% |
| 46.0 | 12.252 | 0.985 | 160.988 | 0.536% | 87.567% |
| 47.0 | 11.681 | 0.952 | 161.940 | 0.518% | 88.085% |
| 48.0 | 11.229 | 0.926 | 162.866 | 0.504% | 88.588% |
| 49.0 | 10.735 | 0.902 | 163.768 | 0.491% | 89.079% |
| 50.0 | 10.240 | 0.875 | 164.642 | 0.476% | 89.555% |
| 51.0 | 9.848 | 0.850 | 165.492 | 0.462% | 90.017% |
| 52.0 | 9.481 | 0.829 | 166.322 | 0.451% | 90.468% |
| 53.0 | 9.140 | 0.810 | 167.132 | 0.441% | 90.909% |
| 54.0 | 8.885 | 0.794 | 167.926 | 0.432% | 91.341% |
| 55.0 | 8.629 | 0.782 | 168.708 | 0.425% | 91.766% |
| 56.0 | 8.356 | 0.767 | 169.476 | 0.417% | 92.184% |
| 57.0 | 8.168 | 0.756 | 170.231 | 0.411% | 92.595% |
| 58.0 | 7.938 | 0.745 | 170.976 | 0.405% | 93.000% |
| 59.0 | 7.665 | 0.729 | 171.705 | 0.397% | 93.397% |
| 60.0 | 7.461 | 0.715 | 172.420 | 0.389% | 93.785% |
| 61.0 | 7.230 | 0.701 | 173.121 | 0.381% | 94.167% |
| 62.0 | 6.983 | 0.685 | 173.806 | 0.373% | 94.539% |
| 63.0 | 6.685 | 0.665 | 174.471 | 0.362% | 94.901% |
| 64.0 | 6.446 | 0.644 | 175.115 | 0.350% | 95.251% |
| 65.0 | 6.199 | 0.626 | 175.741 | 0.340% | 95.592% |
| 66.0 | 5.934 | 0.605 | 176.346 | 0.329% | 95.921% |
| 67.0 | 5.653 | 0.583 | 176.929 | 0.317% | 96.238% |
| 68.0 | 5.363 | 0.558 | 177.487 | 0.304% | 96.541% |
| 69.0 | 5.107 | 0.534 | 178.021 | 0.291% | 96.832% |
| 70.0 | 4.877 | 0.513 | 178.534 | 0.279% | 97.111% |
| 71.0 | 4.570 | 0.488 | 179.022 | 0.266% | 97.376% |
| 72.0 | 4.314 | 0.462 | 179.484 | 0.251% | 97.628% |
| 73.0 | 4.024 | 0.436 | 179.920 | 0.237% | 97.865% |
| 74.0 | 3.803 | 0.411 | 180.331 | 0.224% | 98.089% |
| 75.0 | 3.538 | 0.388 | 180.719 | 0.211% | 98.300% |

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 76.0 | 3.232 | 0.359 | 181.079 | 0.195% | 98.495% |
| 77.0 | 2.976 | 0.331 | 181.410 | 0.180% | 98.675% |
| 78.0 | 2.754 | 0.307 | 181.716 | 0.167% | 98.842% |
| 79.0 | 2.490 | 0.282 | 181.998 | 0.153% | 98.995% |
| 80.0 | 2.242 | 0.255 | 182.253 | 0.139% | 99.134% |
| 81.0 | 1.918 | 0.225 | 182.478 | 0.122% | 99.256% |
| 82.0 | 1.654 | 0.194 | 182.672 | 0.105% | 99.362% |
| 83.0 | 1.424 | 0.167 | 182.839 | 0.091% | 99.453% |
| 84.0 | 1.134 | 0.139 | 182.979 | 0.076% | 99.529% |
| 85.0 | 0.861 | 0.109 | 183.088 | 0.059% | 99.588% |
| 86.0 | 0.588 | 0.079 | 183.167 | 0.043% | 99.631% |
| 87.0 | 0.409 | 0.055 | 183.221 | 0.030% | 99.661% |
| 88.0 | 0.205 | 0.034 | 183.255 | 0.018% | 99.679% |
| 89.0 | 0.060 | 0.014 | 183.270 | 0.008% | 99.687% |
| 90.0 | 0.017 | 0.004 | 183.274 | 0.002% | 99.689% |
| 91.0 | 0.000 | 0.001 | 183.275 | 0.001% | 99.690% |
| 92.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 93.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 94.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 95.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 96.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 97.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 98.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 99.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 100.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 101.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 102.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 103.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 104.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 105.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 106.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 107.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 108.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 109.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 110.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 111.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 112.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 113.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 114.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 115.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 116.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 117.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 118.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 119.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 120.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 121.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 122.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 123.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 124.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 125.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 126.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 127.0 | 0.000 | 0.000 | 183.275 | 0.000% | 99.690% |
| 128.0 | 0.009 | 0.000 | 183.275 | 0.000% | 99.690% |
| 129.0 | 0.009 | 0.001 | 183.276 | 0.000% | 99.690% |
| 130.0 | 0.017 | 0.001 | 183.277 | 0.001% | 99.691% |
| 131.0 | 0.034 | 0.002 | 183.279 | 0.001% | 99.692% |
| 132.0 | 0.085 | 0.005 | 183.284 | 0.003% | 99.695% |
| 133.0 | 0.051 | 0.006 | 183.289 | 0.003% | 99.698% |
| 134.0 | 0.077 | 0.005 | 183.295 | 0.003% | 99.700% |
| 135.0 | 0.102 | 0.007 | 183.302 | 0.004% | 99.704% |
| 136.0 | 0.119 | 0.009 | 183.310 | 0.005% | 99.709% |
| 137.0 | 0.128 | 0.009 | 183.319 | 0.005% | 99.714% |
| 138.0 | 0.128 | 0.009 | 183.329 | 0.005% | 99.719% |
| 139.0 | 0.145 | 0.010 | 183.339 | 0.005% | 99.724% |
| 140.0 | 0.162 | 0.011 | 183.350 | 0.006% | 99.730% |
| 141.0 | 0.145 | 0.011 | 183.360 | 0.006% | 99.736% |
| 142.0 | 0.171 | 0.011 | 183.371 | 0.006% | 99.742% |
| 143.0 | 0.188 | 0.012 | 183.383 | 0.007% | 99.748% |
| 144.0 | 0.256 | 0.014 | 183.398 | 0.008% | 99.756% |
| 145.0 | 0.239 | 0.016 | 183.413 | 0.009% | 99.765% |
| 146.0 | 0.256 | 0.015 | 183.429 | 0.008% | 99.773% |
| 147.0 | 0.264 | 0.016 | 183.444 | 0.009% | 99.782% |
| 148.0 | 0.273 | 0.016 | 183.460 | 0.009% | 99.790% |
| 149.0 | 0.273 | 0.016 | 183.476 | 0.009% | 99.799% |
| 150.0 | 0.281 | 0.015 | 183.491 | 0.008% | 99.807% |
| 151.0 | 0.298 | 0.016 | 183.507 | 0.009% | 99.816% |

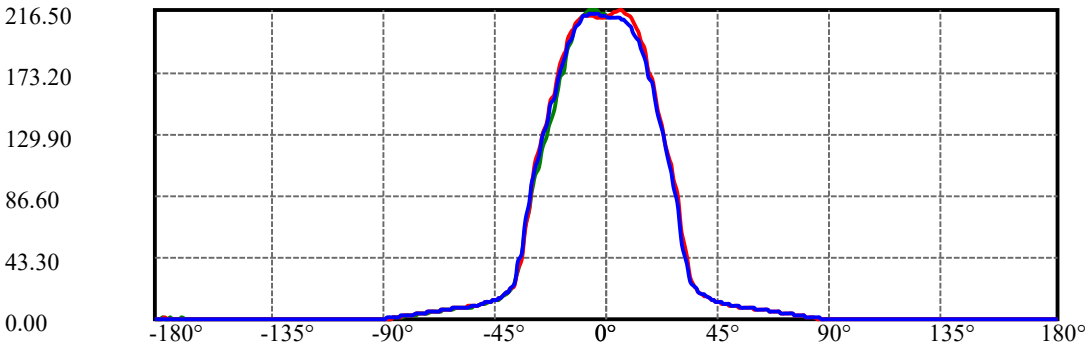
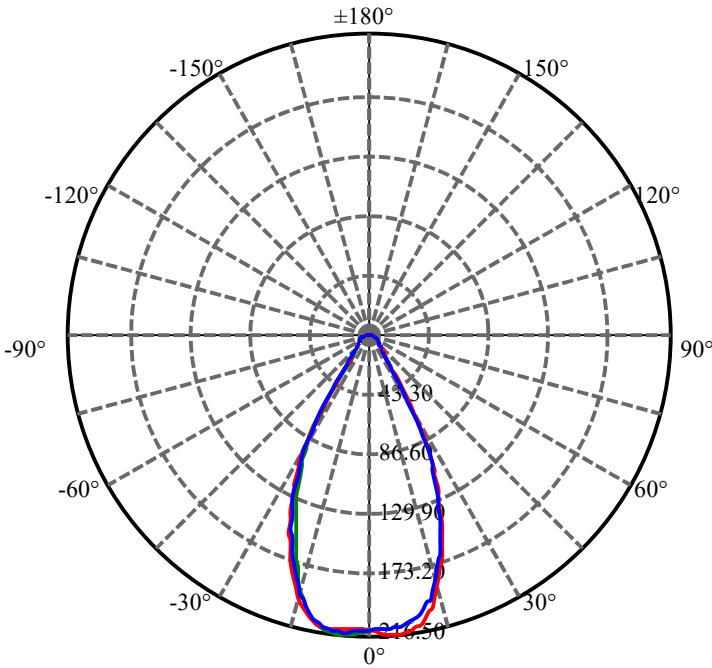
| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 152.0 | 0.350 | 0.017 | 183.524 | 0.009% | 99.825% |
| 153.0 | 0.358 | 0.018 | 183.542 | 0.010% | 99.835% |
| 154.0 | 0.375 | 0.018 | 183.560 | 0.010% | 99.845% |
| 155.0 | 0.401 | 0.018 | 183.578 | 0.010% | 99.855% |
| 156.0 | 0.401 | 0.018 | 183.596 | 0.010% | 99.864% |
| 157.0 | 0.409 | 0.018 | 183.614 | 0.010% | 99.874% |
| 158.0 | 0.409 | 0.017 | 183.631 | 0.009% | 99.883% |
| 159.0 | 0.409 | 0.016 | 183.648 | 0.009% | 99.892% |
| 160.0 | 0.409 | 0.016 | 183.663 | 0.009% | 99.901% |
| 161.0 | 0.418 | 0.015 | 183.678 | 0.008% | 99.909% |
| 162.0 | 0.426 | 0.015 | 183.693 | 0.008% | 99.917% |
| 163.0 | 0.443 | 0.014 | 183.708 | 0.008% | 99.925% |
| 164.0 | 0.452 | 0.014 | 183.721 | 0.008% | 99.933% |
| 165.0 | 0.435 | 0.013 | 183.734 | 0.007% | 99.940% |
| 166.0 | 0.452 | 0.012 | 183.747 | 0.007% | 99.946% |
| 167.0 | 0.512 | 0.012 | 183.759 | 0.007% | 99.953% |
| 168.0 | 0.503 | 0.012 | 183.771 | 0.007% | 99.959% |
| 169.0 | 0.537 | 0.011 | 183.782 | 0.006% | 99.966% |
| 170.0 | 0.529 | 0.011 | 183.793 | 0.006% | 99.971% |
| 171.0 | 0.546 | 0.010 | 183.803 | 0.005% | 99.977% |
| 172.0 | 0.546 | 0.009 | 183.812 | 0.005% | 99.982% |
| 173.0 | 0.563 | 0.008 | 183.820 | 0.004% | 99.986% |
| 174.0 | 0.554 | 0.007 | 183.826 | 0.004% | 99.990% |
| 175.0 | 0.554 | 0.006 | 183.832 | 0.003% | 99.993% |
| 176.0 | 0.580 | 0.005 | 183.837 | 0.003% | 99.995% |
| 177.0 | 0.563 | 0.004 | 183.841 | 0.002% | 99.998% |
| 178.0 | 0.546 | 0.003 | 183.844 | 0.001% | 99.999% |
| 179.0 | 0.571 | 0.002 | 183.845 | 0.001% | 100.000% |
| 180.0 | 0.000 | 0.000 | 183.845 | 0.000% | 100.000% |

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Fixt |
|---------|--------|---------|
| 0-30 | 127.97 | 69.61% |
| 0-40 | 154.42 | 83.99% |
| 0-60 | 172.42 | 93.79% |
| 0-90 | 183.27 | 99.69% |
| 0-120 | 183.27 | 99.69% |
| 0-180 | 183.85 | 100.00% |
| 60-90 | 10.85 | 5.90% |
| 90-120 | 0.00 | 0.00% |
| 90-130 | 0.00 | 0.00% |
| 90-150 | 0.22 | 0.12% |
| 90-180 | 0.57 | 0.31% |
| 0-35.40 | 147.08 | 80.00% |

ZONAL LUMEN SUMMARY

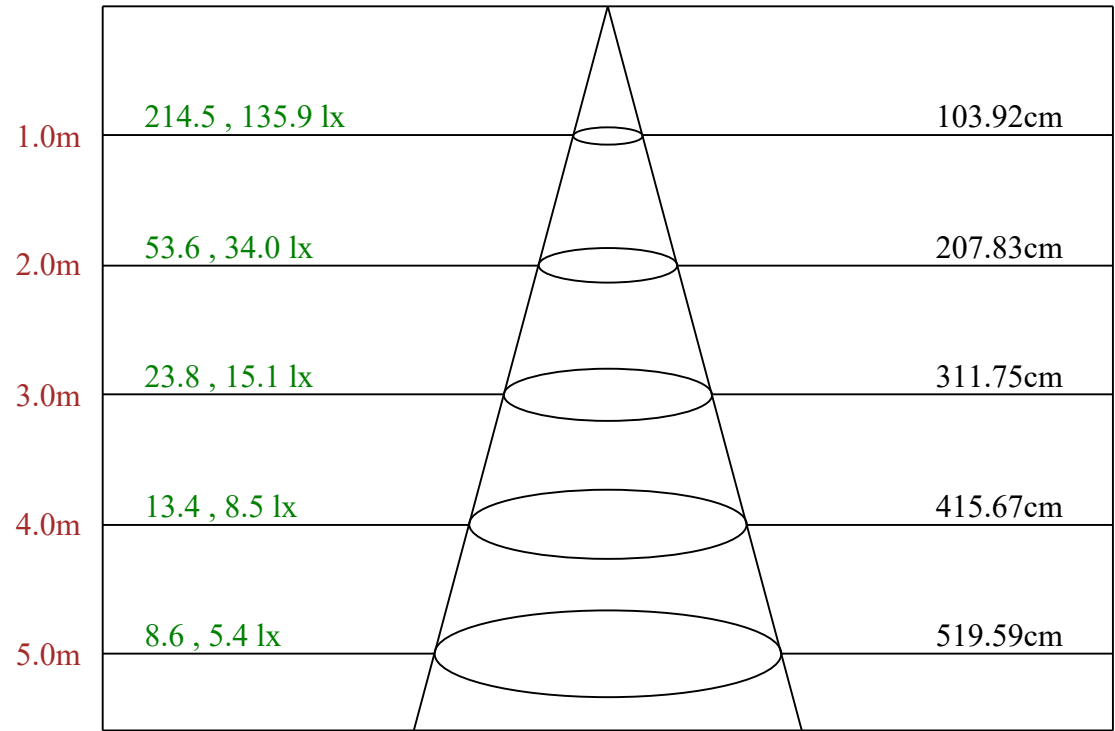
| | |
|---------|-------|
| 0-10 | 20.26 |
| 10-20 | 52.39 |
| 20-30 | 55.33 |
| 30-40 | 26.45 |
| 40-50 | 10.22 |
| 50-60 | 7.78 |
| 60-70 | 6.11 |
| 70-80 | 3.72 |
| 80-90 | 1.02 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.07 |
| 140-150 | 0.14 |
| 150-160 | 0.17 |
| 160-170 | 0.13 |
| 170-180 | 0.05 |



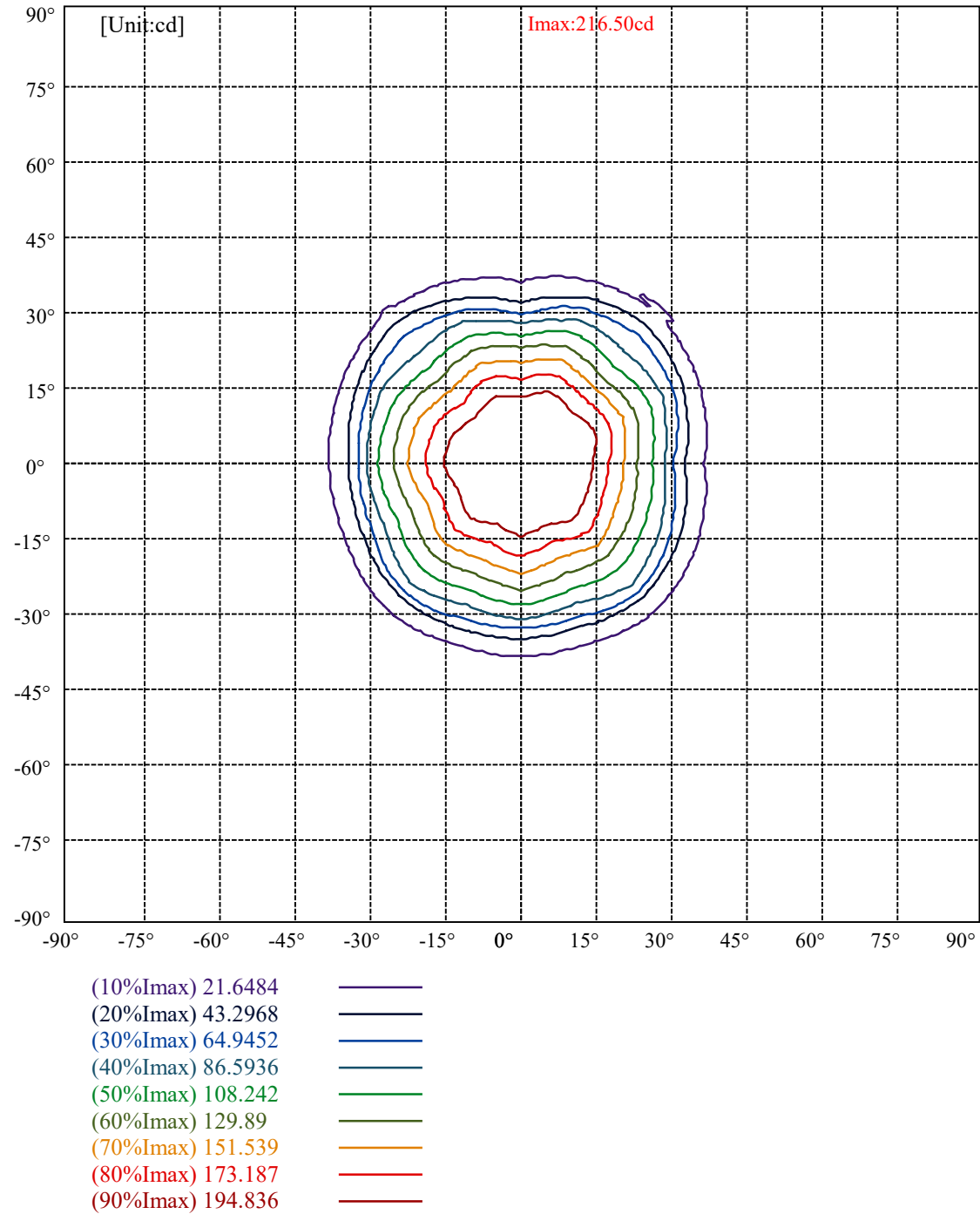
C337.5(Max):
C0/C180:
C90/C270:

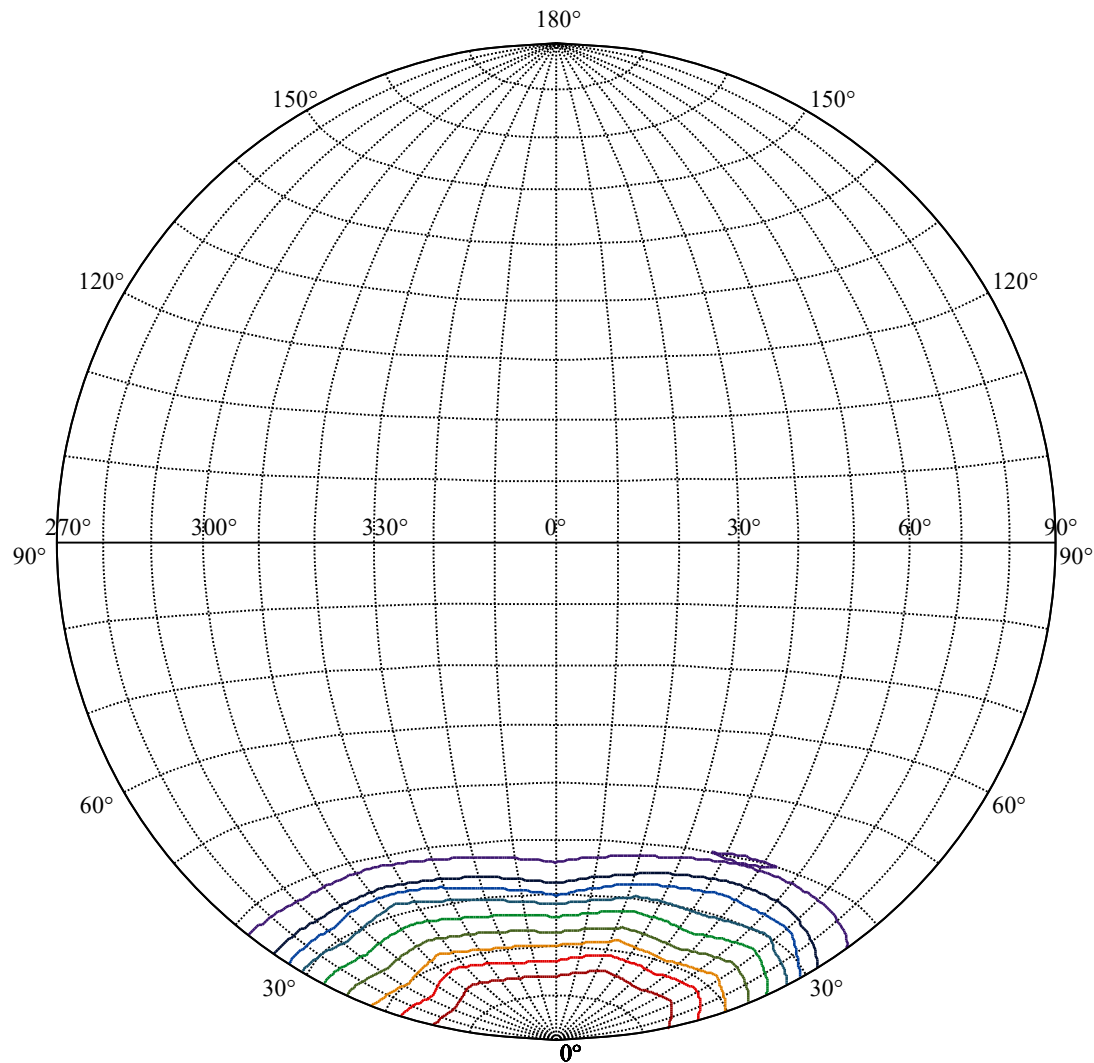
Field angle(10%Imax):C0/180Left:38.0 Right:36.1
:C90/270Left:38.2 Right:36.0

Beam Angle(50%Imax):C0/180Left:28.4 Right:26.1
:C90/270Left:28.1 Right:25.3



Max , Ave Beam angle of C337.5 plane 54.91



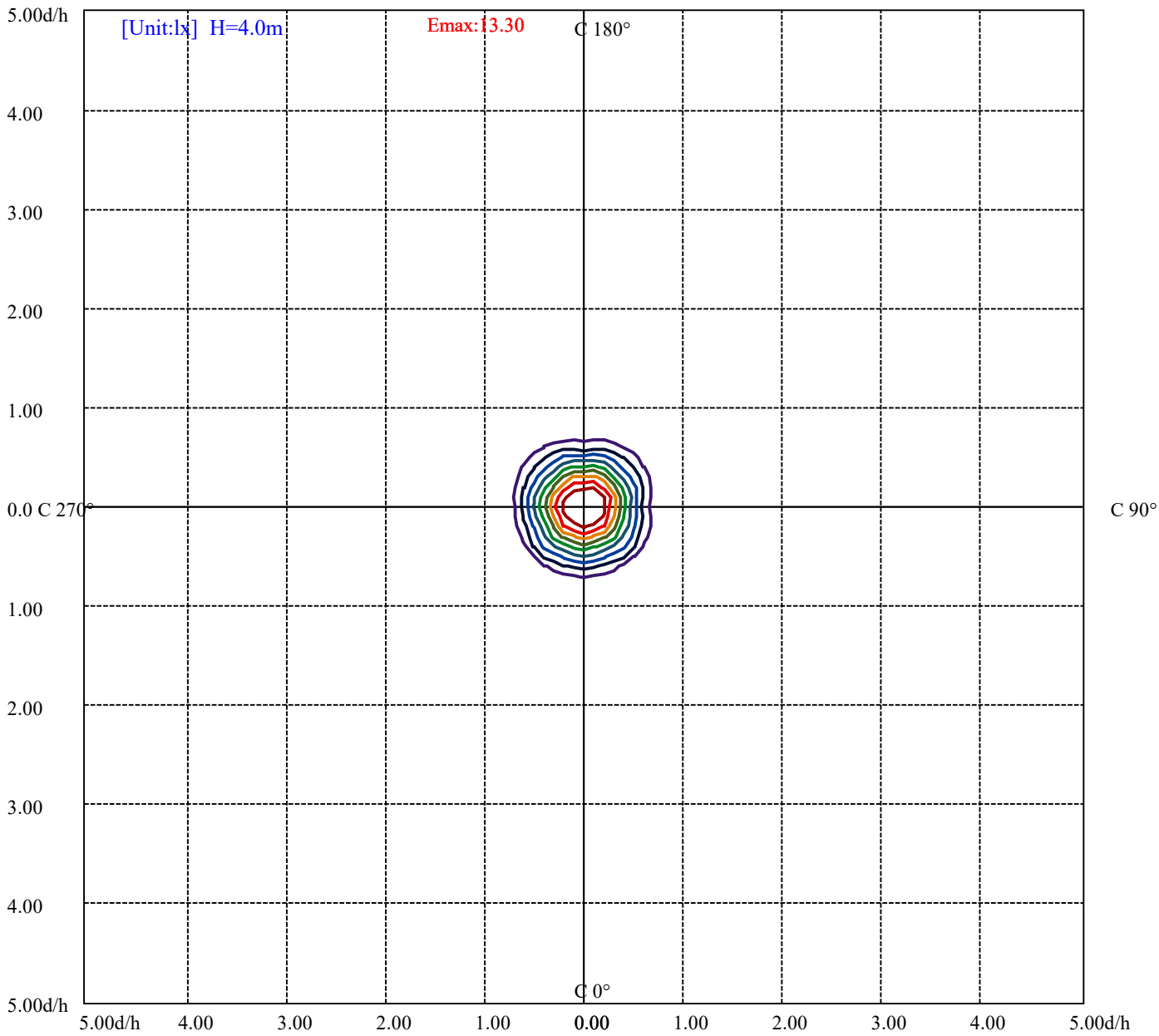


House

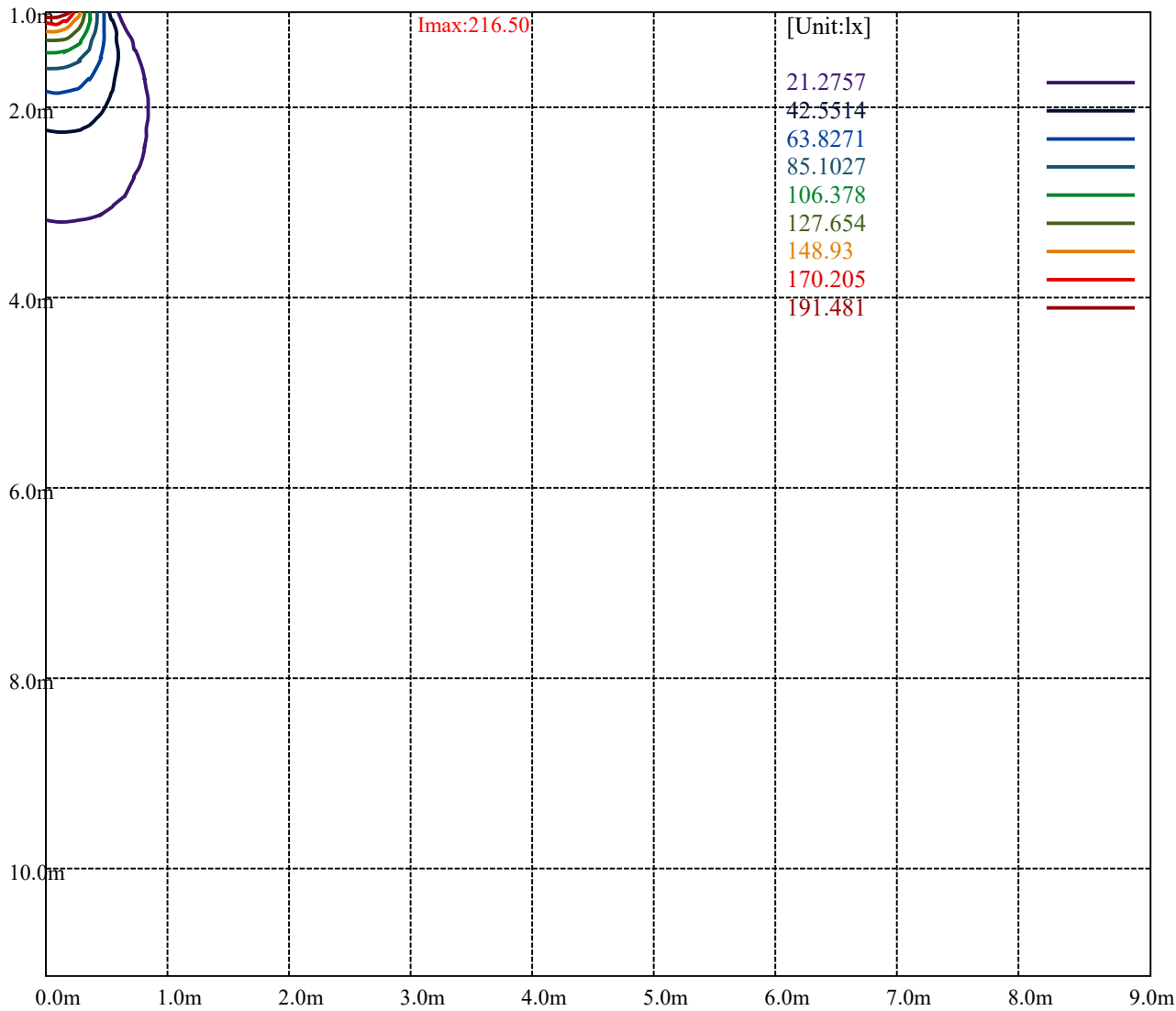
[Unit:cd]

Road

| | |
|-------------------|--|
| Imax:216.50 | |
| (10%Imax) 21.649 | |
| (20%Imax) 43.298 | |
| (30%Imax) 64.9471 | |
| (40%Imax) 86.5961 | |
| (50%Imax) 108.245 | |
| (60%Imax) 129.894 | |
| (70%Imax) 151.543 | |
| (80%Imax) 173.192 | |
| (90%Imax) 194.841 | |



| | | |
|-----------|----------|-------------|
| (10%Emax) | 1.329731 | <div></div> |
| (20%Emax) | 2.659456 | <div></div> |
| (30%Emax) | 3.989187 | <div></div> |
| (40%Emax) | 5.318919 | <div></div> |
| (50%Emax) | 6.648625 | <div></div> |
| (60%Emax) | 7.978375 | <div></div> |
| (70%Emax) | 9.308125 | <div></div> |
| (80%Emax) | 10.63781 | <div></div> |
| (90%Emax) | 11.96756 | <div></div> |



Luminance Table

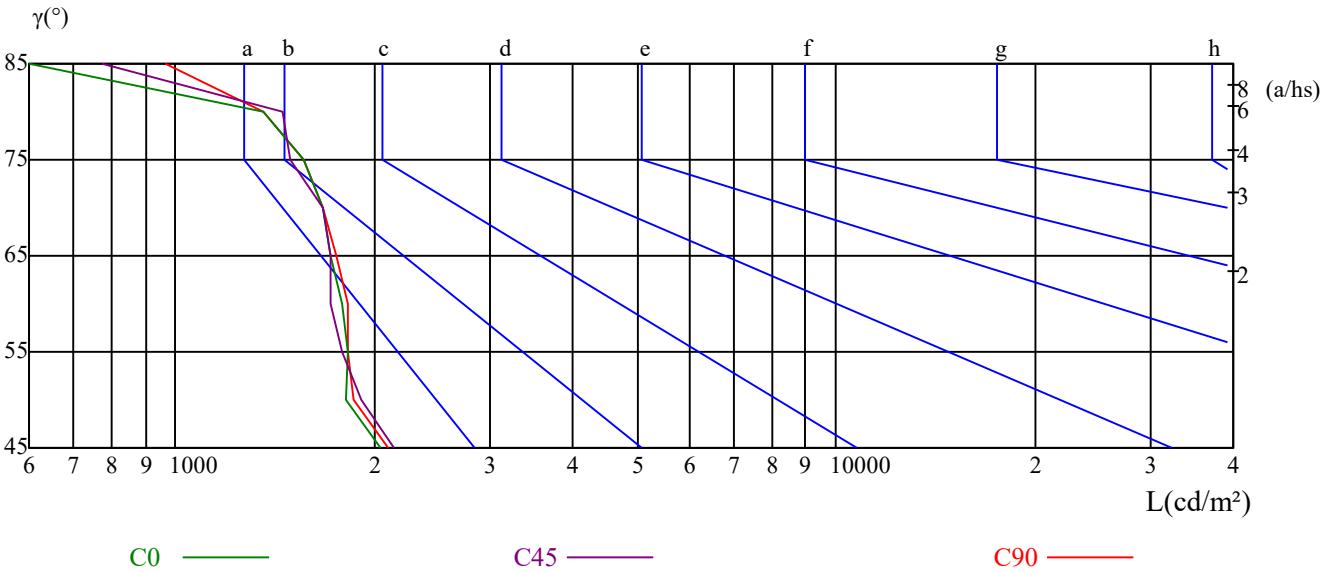
| | | | | | | | | | |
|----------|------|------|------|------|------|------|------|------|-----|
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
| C0 | 2048 | 1808 | 1821 | 1785 | 1714 | 1674 | 1562 | 1358 | 580 |
| C45 | 2144 | 1913 | 1791 | 1718 | 1714 | 1674 | 1497 | 1455 | 773 |
| C90 | 2096 | 1860 | 1821 | 1819 | 1753 | 1674 | 1562 | 1358 | 966 |

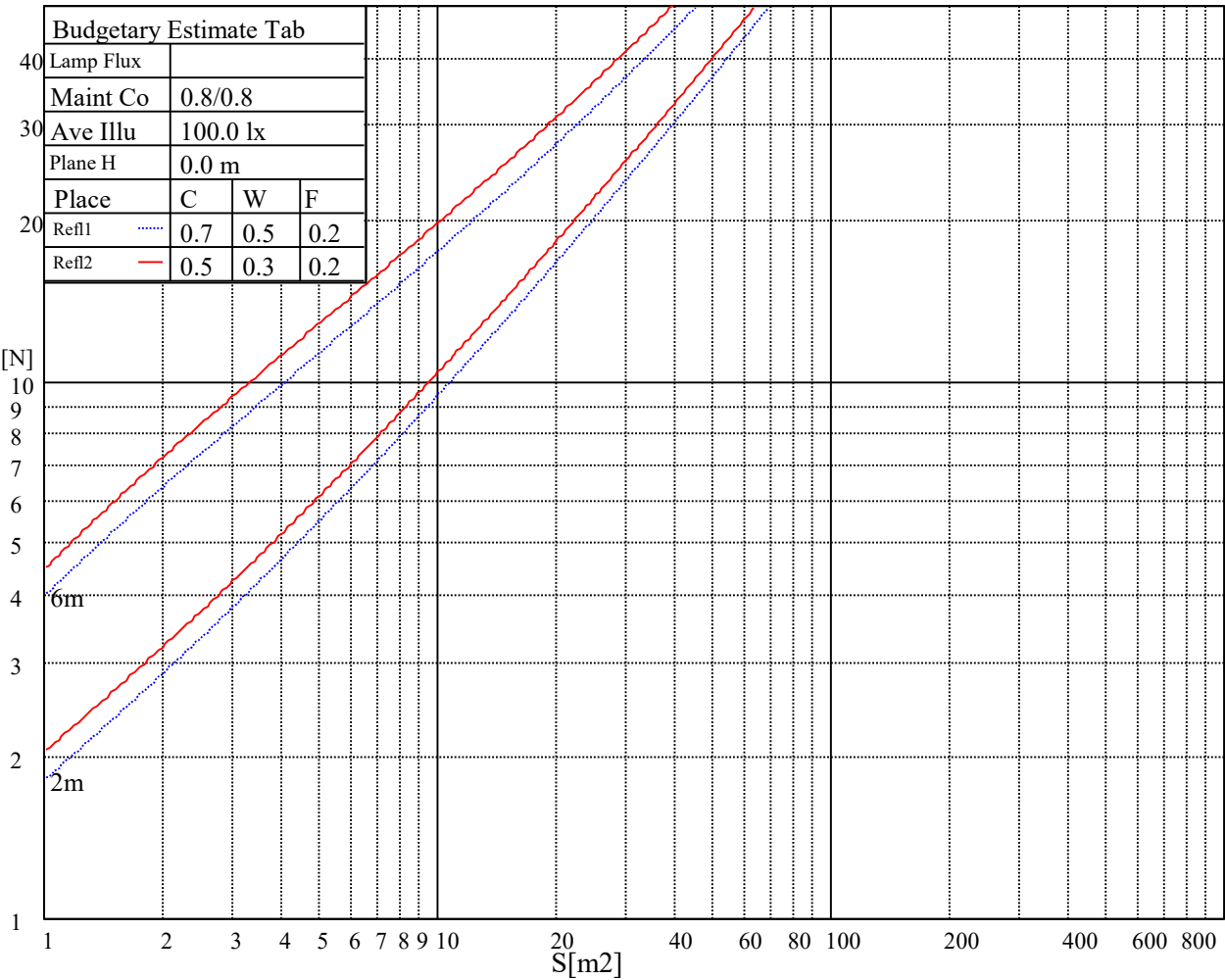
| | | | | | | | | |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
| 1793 | 1813 | 1773 | 1692 | 1692 | 1643 | 870 | 1353 | 1353 |

Glare Table

| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|------------|------------|------------|------------|------------|
| 1.15 | A | 2000 | 1000 | 500 | ≤ 300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | ≤ 300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | ≤ 300 | | |
| 2.2 | D | | | | 2000 | 1000 | 500 | ≤ 300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | ≤ 300 |
| | | a | b | c | d | e | f | g | h |

Luminance Limiting Curve





| RHOCC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|-------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RHOW | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | COEFFCIENTS OF UTILIZATION RHOFC=20 CU | | | | | | | | | | | | | | | |
| 0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.09 | 1.07 | 1.04 | 1.07 | 1.05 | 1.02 | 1.03 | 1.01 | 0.99 | 0.99 | 0.98 | 0.96 | 0.96 | 0.94 | 0.93 | 0.91 |
| 2 | 1.01 | 0.96 | 0.92 | 0.99 | 0.95 | 0.91 | 0.96 | 0.92 | 0.89 | 0.93 | 0.90 | 0.87 | 0.90 | 0.88 | 0.85 | 0.84 |
| 3 | 0.93 | 0.88 | 0.84 | 0.92 | 0.87 | 0.83 | 0.89 | 0.85 | 0.81 | 0.87 | 0.83 | 0.80 | 0.84 | 0.81 | 0.79 | 0.77 |
| 4 | 0.87 | 0.81 | 0.76 | 0.86 | 0.80 | 0.76 | 0.83 | 0.79 | 0.75 | 0.81 | 0.77 | 0.74 | 0.79 | 0.76 | 0.73 | 0.71 |
| 5 | 0.81 | 0.75 | 0.70 | 0.80 | 0.74 | 0.70 | 0.78 | 0.73 | 0.69 | 0.77 | 0.72 | 0.69 | 0.75 | 0.71 | 0.68 | 0.66 |
| 6 | 0.76 | 0.70 | 0.65 | 0.75 | 0.69 | 0.65 | 0.74 | 0.68 | 0.65 | 0.72 | 0.68 | 0.64 | 0.71 | 0.67 | 0.64 | 0.62 |
| 7 | 0.72 | 0.65 | 0.61 | 0.71 | 0.65 | 0.61 | 0.70 | 0.64 | 0.60 | 0.68 | 0.64 | 0.60 | 0.67 | 0.63 | 0.60 | 0.58 |
| 8 | 0.68 | 0.61 | 0.57 | 0.67 | 0.61 | 0.57 | 0.66 | 0.60 | 0.57 | 0.65 | 0.60 | 0.56 | 0.64 | 0.59 | 0.56 | 0.55 |
| 9 | 0.64 | 0.58 | 0.54 | 0.63 | 0.58 | 0.54 | 0.62 | 0.57 | 0.53 | 0.61 | 0.57 | 0.53 | 0.61 | 0.56 | 0.53 | 0.52 |
| 10 | 0.61 | 0.55 | 0.51 | 0.60 | 0.54 | 0.51 | 0.59 | 0.54 | 0.50 | 0.58 | 0.54 | 0.50 | 0.58 | 0.53 | 0.50 | 0.49 |

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 17 Total:23

| C/γ(°) | 0.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.0 | 211.93 | 212.82 | 213.77 | 214.73 | 215.68 | 215.96 | 215.96 | 215.55 | 214.32 |
| 22.5 | 211.93 | 211.59 | 212.41 | 213.09 | 213.91 | 214.59 | 215.00 | 215.68 | 215.41 |
| 45.0 | 211.93 | 212.41 | 212.68 | 213.09 | 213.50 | 213.64 | 213.64 | 213.23 | 212.27 |
| 67.5 | 211.93 | 211.86 | 212.00 | 212.00 | 212.14 | 212.14 | 212.00 | 211.59 | 211.05 |
| 90.0 | 211.93 | 211.59 | 211.59 | 211.45 | 211.18 | 210.77 | 210.09 | 209.27 | 208.04 |
| 112.5 | 211.93 | 211.86 | 211.59 | 211.59 | 211.59 | 211.45 | 211.18 | 210.64 | 209.82 |
| 135.0 | 211.93 | 211.73 | 211.86 | 212.14 | 212.14 | 212.00 | 211.45 | 210.50 | 209.27 |
| 157.5 | 211.93 | 211.86 | 211.86 | 212.14 | 212.41 | 212.82 | 213.09 | 212.82 | 212.41 |
| 180.0 | 211.93 | 211.45 | 211.05 | 211.18 | 211.73 | 212.27 | 212.68 | 212.82 | 212.55 |
| 202.5 | 211.93 | 211.45 | 212.00 | 212.55 | 213.09 | 213.50 | 213.36 | 212.82 | 211.59 |
| 225.0 | 211.93 | 211.73 | 211.86 | 212.27 | 212.68 | 213.09 | 213.23 | 213.36 | 212.68 |
| 247.5 | 211.93 | 212.41 | 212.96 | 213.36 | 213.64 | 213.50 | 212.96 | 211.18 | 210.50 |
| 270.0 | 211.93 | 212.00 | 212.55 | 213.23 | 213.64 | 214.18 | 214.18 | 213.77 | 212.96 |
| 292.5 | 211.93 | 213.23 | 213.77 | 214.59 | 215.14 | 215.14 | 214.73 | 213.64 | 212.14 |
| 315.0 | 211.93 | 212.14 | 212.82 | 213.77 | 214.32 | 215.27 | 215.96 | 215.96 | 215.41 |
| 337.5 | 211.93 | 213.50 | 214.05 | 215.41 | 215.96 | 216.50 | 216.50 | 215.96 | 214.87 |
| 360.0 | 211.93 | 212.82 | 213.77 | 214.73 | 215.68 | 215.96 | 215.96 | 215.55 | 214.32 |
| C/γ(°) | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 |
| 0.0 | 212.82 | 211.59 | 207.77 | 203.00 | 200.27 | 194.95 | 188.95 | 182.12 | 173.26 |
| 22.5 | 215.14 | 213.91 | 212.14 | 209.82 | 206.82 | 204.63 | 199.45 | 194.13 | 188.13 |
| 45.0 | 210.91 | 209.14 | 206.82 | 202.86 | 200.54 | 196.18 | 190.99 | 184.72 | 176.12 |
| 67.5 | 210.50 | 209.14 | 207.50 | 205.45 | 202.59 | 200.54 | 195.63 | 190.72 | 185.13 |
| 90.0 | 206.00 | 204.77 | 200.81 | 196.58 | 194.95 | 189.08 | 183.49 | 177.49 | 169.30 |
| 112.5 | 209.14 | 207.50 | 204.77 | 203.13 | 198.90 | 194.95 | 190.31 | 184.72 | 181.17 |
| 135.0 | 206.68 | 205.45 | 202.31 | 198.77 | 194.54 | 188.40 | 182.53 | 176.12 | 167.94 |
| 157.5 | 211.86 | 209.95 | 207.09 | 205.32 | 201.09 | 196.99 | 192.22 | 186.76 | 183.35 |
| 180.0 | 212.14 | 210.77 | 209.14 | 206.54 | 203.27 | 201.09 | 195.90 | 188.67 | 185.26 |
| 202.5 | 209.82 | 207.50 | 204.50 | 199.45 | 196.58 | 191.26 | 185.81 | 179.80 | 171.89 |
| 225.0 | 212.14 | 210.36 | 207.91 | 205.04 | 201.50 | 198.90 | 193.45 | 187.99 | 182.12 |
| 247.5 | 207.91 | 205.32 | 201.91 | 196.99 | 194.13 | 189.08 | 183.62 | 177.76 | 170.12 |
| 270.0 | 212.14 | 209.95 | 207.63 | 204.63 | 200.13 | 195.90 | 192.90 | 185.26 | 181.58 |
| 292.5 | 209.41 | 207.77 | 204.36 | 200.40 | 195.63 | 189.08 | 185.53 | 176.67 | 168.35 |
| 315.0 | 214.87 | 213.23 | 209.95 | 208.32 | 204.22 | 200.13 | 195.22 | 189.49 | 185.81 |
| 337.5 | 212.96 | 211.73 | 209.41 | 206.00 | 201.91 | 195.63 | 189.63 | 182.94 | 174.07 |
| 360.0 | 212.82 | 211.59 | 207.77 | 203.00 | 200.27 | 194.95 | 188.95 | 182.12 | 173.26 |
| C/γ(°) | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 |
| 0.0 | 168.62 | 160.84 | 153.07 | 145.29 | 136.15 | 128.37 | 120.73 | 111.59 | 107.09 |
| 22.5 | 181.17 | 172.03 | 164.39 | 156.34 | 151.57 | 141.74 | 133.97 | 126.60 | 119.10 |
| 45.0 | 171.35 | 159.89 | 154.84 | 146.65 | 136.97 | 129.19 | 121.69 | 112.82 | 108.73 |
| 67.5 | 177.49 | 170.53 | 163.30 | 155.66 | 151.02 | 141.88 | 134.10 | 126.46 | 118.55 |
| 90.0 | 164.93 | 157.43 | 149.93 | 142.42 | 133.15 | 128.24 | 120.32 | 107.77 | 102.59 |
| 112.5 | 173.26 | 166.16 | 158.93 | 151.70 | 147.20 | 138.20 | 130.83 | 123.60 | 114.59 |
| 135.0 | 165.07 | 156.07 | 148.70 | 141.33 | 132.60 | 128.10 | 121.01 | 114.05 | 107.36 |
| 157.5 | 175.98 | 169.57 | 162.89 | 155.93 | 151.70 | 142.97 | 135.74 | 128.65 | 119.92 |
| 180.0 | 179.26 | 171.62 | 164.80 | 157.70 | 153.48 | 144.88 | 137.79 | 130.69 | 123.33 |
| 202.5 | 167.94 | 158.25 | 149.93 | 147.06 | 138.61 | 131.78 | 125.10 | 116.78 | 112.68 |
| 225.0 | 174.48 | 167.80 | 160.98 | 154.02 | 149.93 | 141.61 | 134.92 | 128.10 | 121.42 |
| 247.5 | 166.03 | 159.48 | 152.93 | 146.11 | 138.33 | 134.38 | 124.96 | 117.32 | 113.50 |
| 270.0 | 174.07 | 167.53 | 161.11 | 154.43 | 150.34 | 142.15 | 135.60 | 128.92 | 122.10 |
| 292.5 | 164.12 | 157.16 | 150.20 | 143.52 | 135.19 | 131.24 | 124.83 | 118.55 | 112.00 |
| 315.0 | 177.76 | 170.66 | 163.16 | 155.66 | 151.16 | 142.42 | 132.60 | 128.51 | 120.46 |
| 337.5 | 169.57 | 161.93 | 154.43 | 147.06 | 138.47 | 134.38 | 127.42 | 120.87 | 114.19 |
| 360.0 | 168.62 | 160.84 | 153.07 | 145.29 | 136.15 | 128.37 | 120.73 | 111.59 | 107.09 |

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 18 Total:23

| C/γ(°) | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0.0 | 98.63 | 88.95 | 78.03 | 63.44 | 55.93 | 44.47 | 34.65 | 27.83 | 23.06 |
| 22.5 | 114.59 | 105.73 | 98.50 | 90.99 | 82.26 | 76.81 | 64.12 | 48.84 | 42.56 |
| 45.0 | 102.18 | 95.90 | 90.04 | 83.22 | 79.94 | 74.49 | 69.44 | 63.03 | 57.30 |
| 67.5 | 114.05 | 104.77 | 93.86 | 89.36 | 80.35 | 74.49 | 57.43 | 47.20 | 41.20 |
| 90.0 | 93.18 | 82.40 | 70.26 | 56.07 | 48.98 | 38.88 | 30.97 | 25.92 | 22.24 |
| 112.5 | 107.23 | 100.00 | 92.36 | 87.58 | 76.53 | 66.44 | 55.66 | 45.57 | 39.84 |
| 135.0 | 99.72 | 96.04 | 88.13 | 81.17 | 77.76 | 72.71 | 67.67 | 61.80 | 54.98 |
| 157.5 | 112.96 | 105.32 | 98.09 | 93.72 | 83.76 | 74.21 | 63.44 | 52.66 | 46.25 |
| 180.0 | 118.82 | 109.68 | 101.09 | 91.54 | 77.62 | 65.21 | 52.39 | 41.47 | 35.61 |
| 202.5 | 105.73 | 98.36 | 90.18 | 79.81 | 74.35 | 63.30 | 52.39 | 40.24 | 32.20 |
| 225.0 | 117.46 | 109.68 | 103.27 | 97.41 | 90.72 | 85.13 | 79.40 | 52.39 | 40.24 |
| 247.5 | 106.55 | 99.72 | 92.90 | 83.08 | 77.90 | 68.21 | 58.39 | 47.75 | 36.56 |
| 270.0 | 113.78 | 106.82 | 98.91 | 93.59 | 81.58 | 70.12 | 57.57 | 46.38 | 39.84 |
| 292.5 | 104.50 | 100.54 | 90.31 | 80.76 | 75.31 | 64.66 | 53.48 | 43.11 | 32.47 |
| 315.0 | 114.05 | 107.77 | 101.91 | 98.50 | 91.95 | 86.49 | 81.17 | 53.48 | 43.11 |
| 337.5 | 105.86 | 101.50 | 94.54 | 87.17 | 76.40 | 65.89 | 55.39 | 44.47 | 33.56 |
| 360.0 | 98.63 | 88.95 | 78.03 | 63.44 | 55.93 | 44.47 | 34.65 | 27.83 | 23.06 |
| C/γ(°) | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 |
| 0.0 | 21.55 | 18.96 | 17.33 | 16.51 | 15.55 | 14.60 | 13.64 | 12.82 | 12.41 |
| 22.5 | 31.92 | 25.37 | 21.28 | 18.96 | 18.01 | 16.51 | 15.42 | 14.60 | 13.78 |
| 45.0 | 41.20 | 31.38 | 25.24 | 21.28 | 23.74 | 18.69 | 15.55 | 13.64 | 13.23 |
| 67.5 | 31.38 | 25.24 | 21.55 | 19.37 | 18.42 | 17.05 | 16.10 | 15.14 | 14.19 |
| 90.0 | 21.15 | 18.83 | 18.01 | 16.92 | 15.82 | 14.87 | 14.05 | 13.10 | 12.55 |
| 112.5 | 27.97 | 23.46 | 21.69 | 19.37 | 18.01 | 16.92 | 15.82 | 15.28 | 14.32 |
| 135.0 | 51.02 | 27.97 | 23.46 | 21.69 | 22.10 | 17.73 | 15.14 | 13.64 | 13.23 |
| 157.5 | 34.92 | 25.24 | 22.65 | 19.24 | 17.73 | 16.51 | 15.55 | 15.14 | 14.05 |
| 180.0 | 27.69 | 23.46 | 21.15 | 19.10 | 18.28 | 16.37 | 15.28 | 14.87 | 13.78 |
| 202.5 | 26.19 | 22.37 | 19.64 | 18.55 | 17.19 | 16.10 | 15.14 | 14.05 | 13.51 |
| 225.0 | 32.20 | 26.19 | 22.37 | 19.64 | 18.55 | 17.19 | 15.96 | 20.19 | 15.82 |
| 247.5 | 31.92 | 23.74 | 19.78 | 18.69 | 17.19 | 15.96 | 15.01 | 14.05 | 13.51 |
| 270.0 | 30.01 | 24.42 | 21.55 | 19.37 | 18.42 | 16.37 | 15.28 | 14.73 | 13.64 |
| 292.5 | 28.10 | 23.06 | 19.92 | 18.14 | 16.37 | 15.69 | 14.46 | 13.92 | 12.96 |
| 315.0 | 32.47 | 28.10 | 23.06 | 19.92 | 18.14 | 16.37 | 15.69 | 14.46 | 16.64 |
| 337.5 | 29.19 | 23.74 | 20.46 | 18.55 | 16.92 | 15.82 | 14.87 | 13.92 | 13.37 |
| 360.0 | 21.55 | 18.96 | 17.33 | 16.51 | 15.55 | 14.60 | 13.64 | 12.82 | 12.41 |
| C/γ(°) | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 | 50.0 | 51.0 | 52.0 | 53.0 |
| 0.0 | 11.73 | 11.32 | 10.78 | 10.23 | 9.82 | 9.41 | 9.14 | 9.00 | 8.73 |
| 22.5 | 12.96 | 12.28 | 11.73 | 11.46 | 10.91 | 10.37 | 9.96 | 9.55 | 9.41 |
| 45.0 | 12.28 | 12.01 | 11.46 | 10.91 | 10.37 | 9.96 | 9.55 | 9.28 | 8.87 |
| 67.5 | 13.51 | 12.82 | 12.14 | 11.87 | 11.05 | 10.64 | 10.23 | 9.82 | 9.55 |
| 90.0 | 12.01 | 11.46 | 11.05 | 10.37 | 10.10 | 9.69 | 9.28 | 9.14 | 8.87 |
| 112.5 | 13.64 | 12.82 | 12.28 | 11.87 | 11.19 | 10.64 | 10.23 | 9.82 | 9.28 |
| 135.0 | 12.55 | 12.14 | 11.46 | 10.91 | 10.64 | 10.10 | 9.69 | 9.28 | 8.87 |
| 157.5 | 13.37 | 12.69 | 12.14 | 11.73 | 11.19 | 10.78 | 10.23 | 9.69 | 9.28 |
| 180.0 | 13.10 | 12.28 | 11.73 | 11.46 | 10.91 | 10.37 | 9.96 | 9.55 | 9.41 |
| 202.5 | 12.55 | 11.73 | 11.60 | 10.91 | 10.50 | 9.96 | 9.55 | 9.28 | 9.00 |
| 225.0 | 13.92 | 13.10 | 12.41 | 12.01 | 11.46 | 10.91 | 10.50 | 10.10 | 9.69 |
| 247.5 | 12.82 | 12.14 | 11.46 | 10.91 | 10.50 | 10.10 | 9.55 | 9.28 | 8.87 |
| 270.0 | 12.96 | 12.28 | 11.60 | 11.46 | 10.78 | 10.23 | 9.96 | 9.41 | 9.14 |
| 292.5 | 12.41 | 11.73 | 11.19 | 10.78 | 10.37 | 9.96 | 9.69 | 9.28 | 8.87 |
| 315.0 | 14.19 | 13.10 | 12.41 | 12.01 | 11.32 | 10.64 | 10.37 | 9.82 | 9.55 |
| 337.5 | 12.82 | 12.14 | 11.46 | 10.78 | 10.64 | 10.10 | 9.69 | 9.41 | 8.87 |
| 360.0 | 11.73 | 11.32 | 10.78 | 10.23 | 9.82 | 9.41 | 9.14 | 9.00 | 8.73 |

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 19 Total:23

| C/γ(°) | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 |
|--------|------|------|------|------|------|------|------|------|------|
| 0.0 | 8.59 | 8.46 | 8.05 | 8.05 | 7.78 | 7.37 | 7.23 | 6.96 | 6.82 |
| 22.5 | 9.00 | 8.87 | 8.59 | 8.32 | 8.19 | 7.91 | 7.64 | 7.50 | 7.23 |
| 45.0 | 8.59 | 8.32 | 7.91 | 7.78 | 7.50 | 7.23 | 6.96 | 6.68 | 6.55 |
| 67.5 | 9.14 | 8.73 | 8.46 | 8.32 | 8.19 | 7.91 | 7.64 | 7.50 | 7.23 |
| 90.0 | 8.73 | 8.46 | 8.19 | 8.05 | 7.78 | 7.50 | 7.37 | 6.96 | 6.82 |
| 112.5 | 9.00 | 8.87 | 8.59 | 8.46 | 8.19 | 7.91 | 7.78 | 7.64 | 7.09 |
| 135.0 | 8.73 | 8.32 | 7.91 | 7.78 | 7.64 | 7.23 | 7.09 | 6.68 | 6.68 |
| 157.5 | 9.00 | 8.73 | 8.59 | 8.32 | 8.19 | 7.91 | 7.64 | 7.50 | 7.23 |
| 180.0 | 9.00 | 8.87 | 8.59 | 8.46 | 8.19 | 7.91 | 7.78 | 7.50 | 7.37 |
| 202.5 | 8.73 | 8.46 | 8.32 | 8.19 | 7.91 | 7.50 | 7.37 | 7.23 | 6.82 |
| 225.0 | 9.28 | 8.87 | 8.59 | 8.19 | 7.91 | 7.64 | 7.50 | 7.37 | 6.96 |
| 247.5 | 8.59 | 8.46 | 8.19 | 8.05 | 7.78 | 7.64 | 7.37 | 7.09 | 6.82 |
| 270.0 | 9.00 | 8.73 | 8.59 | 8.32 | 8.19 | 7.91 | 7.64 | 7.50 | 7.23 |
| 292.5 | 8.73 | 8.46 | 8.19 | 8.05 | 7.91 | 7.64 | 7.37 | 7.09 | 6.96 |
| 315.0 | 9.28 | 8.87 | 8.59 | 8.19 | 7.91 | 7.78 | 7.50 | 7.37 | 6.96 |
| 337.5 | 8.73 | 8.59 | 8.32 | 8.19 | 7.78 | 7.64 | 7.50 | 7.09 | 6.96 |
| 360.0 | 8.59 | 8.46 | 8.05 | 8.05 | 7.78 | 7.37 | 7.23 | 6.96 | 6.82 |
| C/γ(°) | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 | 70.0 | 71.0 |
| 0.0 | 6.41 | 6.14 | 5.87 | 5.59 | 5.32 | 5.18 | 4.77 | 4.64 | 4.37 |
| 22.5 | 6.96 | 6.68 | 6.41 | 6.28 | 5.87 | 5.73 | 5.32 | 5.05 | 4.77 |
| 45.0 | 6.28 | 6.00 | 5.87 | 5.59 | 5.18 | 5.05 | 4.64 | 4.64 | 4.09 |
| 67.5 | 6.96 | 6.68 | 6.41 | 6.14 | 5.87 | 5.59 | 5.32 | 5.05 | 4.77 |
| 90.0 | 6.41 | 6.14 | 6.00 | 5.59 | 5.46 | 5.05 | 4.77 | 4.64 | 4.23 |
| 112.5 | 6.96 | 6.82 | 6.41 | 6.14 | 5.87 | 5.59 | 5.46 | 5.05 | 4.77 |
| 135.0 | 6.28 | 6.14 | 5.87 | 5.59 | 5.18 | 5.05 | 4.64 | 4.50 | 4.23 |
| 157.5 | 6.96 | 6.68 | 6.41 | 6.00 | 5.87 | 5.59 | 5.32 | 5.18 | 4.77 |
| 180.0 | 6.96 | 6.68 | 6.41 | 6.28 | 5.87 | 5.46 | 5.32 | 5.05 | 4.77 |
| 202.5 | 6.55 | 6.28 | 6.14 | 5.87 | 5.59 | 5.32 | 5.05 | 4.77 | 4.64 |
| 225.0 | 6.82 | 6.55 | 6.28 | 6.14 | 5.73 | 5.32 | 5.32 | 5.05 | 4.64 |
| 247.5 | 6.55 | 6.28 | 6.00 | 5.73 | 5.59 | 5.32 | 4.91 | 4.77 | 4.50 |
| 270.0 | 6.82 | 6.68 | 6.41 | 6.28 | 5.87 | 5.59 | 5.46 | 5.05 | 4.77 |
| 292.5 | 6.68 | 6.41 | 6.14 | 5.87 | 5.59 | 5.18 | 5.05 | 4.77 | 4.50 |
| 315.0 | 6.68 | 6.55 | 6.28 | 6.00 | 5.87 | 5.46 | 5.46 | 5.05 | 4.77 |
| 337.5 | 6.68 | 6.41 | 6.28 | 5.87 | 5.73 | 5.32 | 4.91 | 4.77 | 4.50 |
| 360.0 | 6.41 | 6.14 | 5.87 | 5.59 | 5.32 | 5.18 | 4.77 | 4.64 | 4.37 |
| C/γ(°) | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 | 80.0 |
| 0.0 | 4.09 | 3.82 | 3.55 | 3.27 | 3.00 | 2.59 | 2.46 | 2.18 | 1.91 |
| 22.5 | 4.50 | 4.23 | 3.96 | 3.68 | 3.41 | 3.14 | 2.86 | 2.73 | 2.46 |
| 45.0 | 3.82 | 3.82 | 3.41 | 3.14 | 3.00 | 2.59 | 2.46 | 2.18 | 2.05 |
| 67.5 | 4.50 | 4.23 | 4.09 | 3.68 | 3.41 | 3.14 | 3.00 | 2.73 | 2.46 |
| 90.0 | 3.96 | 3.68 | 3.41 | 3.27 | 3.00 | 2.59 | 2.46 | 2.18 | 1.91 |
| 112.5 | 4.50 | 4.23 | 4.09 | 3.82 | 3.41 | 3.27 | 2.86 | 2.59 | 2.32 |
| 135.0 | 3.96 | 3.68 | 3.27 | 3.14 | 2.86 | 2.59 | 2.46 | 2.18 | 1.91 |
| 157.5 | 4.64 | 4.23 | 3.96 | 3.68 | 3.27 | 3.14 | 2.86 | 2.59 | 2.32 |
| 180.0 | 4.50 | 4.23 | 4.09 | 3.82 | 3.41 | 3.14 | 3.00 | 2.73 | 2.46 |
| 202.5 | 4.23 | 3.82 | 3.68 | 3.41 | 3.00 | 2.86 | 2.59 | 2.32 | 2.05 |
| 225.0 | 4.37 | 4.09 | 4.09 | 3.68 | 3.41 | 3.14 | 3.00 | 2.86 | 2.59 |
| 247.5 | 4.23 | 3.96 | 3.68 | 3.41 | 3.14 | 2.86 | 2.59 | 2.32 | 2.05 |
| 270.0 | 4.50 | 4.23 | 4.09 | 3.82 | 3.55 | 3.27 | 3.00 | 2.73 | 2.59 |
| 292.5 | 4.23 | 3.96 | 3.68 | 3.41 | 3.14 | 3.00 | 2.73 | 2.46 | 2.18 |
| 315.0 | 4.64 | 4.23 | 4.09 | 3.82 | 3.41 | 3.27 | 3.00 | 2.73 | 2.59 |
| 337.5 | 4.37 | 3.96 | 3.68 | 3.55 | 3.27 | 3.00 | 2.73 | 2.32 | 2.05 |
| 360.0 | 4.09 | 3.82 | 3.55 | 3.27 | 3.00 | 2.59 | 2.46 | 2.18 | 1.91 |

Equipment: GMS-1800
Temperature(°C): 25.0

Date: 2024-11-12
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 20 Total:23

| C/γ(°) | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
|--------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 1.50 | 1.23 | 0.95 | 0.55 | 0.41 | 0.27 | 0.14 | 0.00 | 0.00 |
| 22.5 | 2.18 | 1.77 | 1.50 | 1.36 | 0.95 | 0.55 | 0.55 | 0.27 | 0.14 |
| 45.0 | 1.64 | 1.36 | 1.23 | 0.95 | 0.55 | 0.41 | 0.14 | 0.00 | 0.00 |
| 67.5 | 2.05 | 1.91 | 1.64 | 1.36 | 1.09 | 0.68 | 0.68 | 0.27 | 0.14 |
| 90.0 | 1.64 | 1.36 | 1.23 | 0.95 | 0.68 | 0.41 | 0.14 | 0.00 | 0.00 |
| 112.5 | 2.05 | 1.91 | 1.64 | 1.36 | 1.09 | 0.82 | 0.68 | 0.41 | 0.00 |
| 135.0 | 1.64 | 1.36 | 1.09 | 0.95 | 0.68 | 0.41 | 0.14 | 0.00 | 0.00 |
| 157.5 | 2.05 | 1.77 | 1.50 | 1.09 | 0.82 | 0.68 | 0.55 | 0.27 | 0.00 |
| 180.0 | 2.05 | 1.77 | 1.50 | 1.23 | 0.82 | 0.55 | 0.41 | 0.27 | 0.00 |
| 202.5 | 1.77 | 1.36 | 1.23 | 0.82 | 0.55 | 0.41 | 0.14 | 0.00 | 0.00 |
| 225.0 | 2.18 | 2.05 | 1.64 | 1.36 | 1.23 | 0.82 | 0.68 | 0.41 | 0.14 |
| 247.5 | 1.91 | 1.50 | 1.50 | 1.09 | 0.82 | 0.55 | 0.27 | 0.00 | 0.00 |
| 270.0 | 2.18 | 2.05 | 1.77 | 1.50 | 1.23 | 0.95 | 0.82 | 0.55 | 0.27 |
| 292.5 | 1.91 | 1.50 | 1.36 | 1.09 | 0.82 | 0.55 | 0.27 | 0.14 | 0.00 |
| 315.0 | 2.18 | 2.05 | 1.77 | 1.50 | 1.36 | 0.95 | 0.68 | 0.55 | 0.27 |
| 337.5 | 1.77 | 1.50 | 1.23 | 0.95 | 0.68 | 0.41 | 0.27 | 0.14 | 0.00 |
| 360.0 | 1.50 | 1.23 | 0.95 | 0.55 | 0.41 | 0.27 | 0.14 | 0.00 | 0.00 |
| C/γ(°) | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 112.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 157.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 202.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 247.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 292.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 315.0 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 337.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C/γ(°) | 99.0 | 100.0 | 101.0 | 102.0 | 103.0 | 104.0 | 105.0 | 106.0 | 107.0 |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 112.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 157.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 202.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 247.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 292.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 337.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 21 Total:23

| C/γ(°) | 108.0 | 109.0 | 110.0 | 111.0 | 112.0 | 113.0 | 114.0 | 115.0 | 116.0 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 112.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 157.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 202.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 247.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 292.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 337.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C/γ(°) | 117.0 | 118.0 | 119.0 | 120.0 | 121.0 | 122.0 | 123.0 | 124.0 | 125.0 |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 112.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 157.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 202.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 247.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 292.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 337.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| C/γ(°) | 126.0 | 127.0 | 128.0 | 129.0 | 130.0 | 131.0 | 132.0 | 133.0 | 134.0 |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.14 |
| 22.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 | 0.14 |
| 67.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 |
| 112.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 135.0 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 | 0.14 | 0.14 | 0.00 | 0.14 |
| 157.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 |
| 202.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 |
| 247.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.00 |
| 292.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 |
| 337.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.14 |

Equipment: GMS-1800
Temperature(°C): 25.0

Date: 2024-11-12
Humidity(%): 59.0%

Operator: Liao
Distance(m): 11.68

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 22 Total:23

| C/γ(°) | 135.0 | 136.0 | 137.0 | 138.0 | 139.0 | 140.0 | 141.0 | 142.0 | 143.0 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.14 | 0.14 |
| 22.5 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 |
| 45.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.27 | 0.27 | 0.14 |
| 67.5 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.14 | 0.14 | 0.14 |
| 90.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 |
| 112.5 | 0.00 | 0.14 | 0.14 | 0.14 | 0.27 | 0.14 | 0.14 | 0.14 | 0.27 |
| 135.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.27 | 0.14 | 0.27 | 0.27 |
| 157.5 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 180.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.00 | 0.14 | 0.00 | 0.27 | 0.14 |
| 202.5 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 |
| 225.0 | 0.14 | 0.14 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 247.5 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.27 |
| 270.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 292.5 | 0.00 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 315.0 | 0.00 | 0.00 | 0.14 | 0.00 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 337.5 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 |
| 360.0 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.27 | 0.14 | 0.14 |
| C/γ(°) | 144.0 | 145.0 | 146.0 | 147.0 | 148.0 | 149.0 | 150.0 | 151.0 | 152.0 |
| 0.0 | 0.27 | 0.14 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| 22.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 | 0.27 |
| 45.0 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 67.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.14 | 0.27 | 0.27 | 0.27 |
| 90.0 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 | 0.27 | 0.41 |
| 112.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| 135.0 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 157.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 180.0 | 0.27 | 0.14 | 0.27 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 202.5 | 0.27 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| 225.0 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| 247.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 270.0 | 0.27 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| 292.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 | 0.41 |
| 315.0 | 0.14 | 0.27 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 |
| 337.5 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.41 | 0.27 | 0.41 | 0.41 |
| 360.0 | 0.27 | 0.14 | 0.14 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| C/γ(°) | 153.0 | 154.0 | 155.0 | 156.0 | 157.0 | 158.0 | 159.0 | 160.0 | 161.0 |
| 0.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 22.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 45.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 67.5 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 90.0 | 0.27 | 0.41 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 112.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 135.0 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 157.5 | 0.41 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 180.0 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 202.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 225.0 | 0.27 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 247.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 270.0 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 |
| 292.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 315.0 | 0.41 | 0.27 | 0.41 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 337.5 | 0.41 | 0.27 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |
| 360.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 |

SPKPL-RDLRE2R-RGBTW-WH

Intensity data(cd)

Appendix Page: 23 Total:23

| C/ $\gamma(^{\circ})$ | 162.0 | 163.0 | 164.0 | 165.0 | 166.0 | 167.0 | 168.0 | 169.0 | 170.0 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 0.41 | 0.41 | 0.55 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 |
| 22.5 | 0.41 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 | 0.55 | 0.41 |
| 45.0 | 0.41 | 0.55 | 0.41 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 67.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.41 | 0.41 | 0.55 |
| 90.0 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 112.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 |
| 135.0 | 0.41 | 0.41 | 0.55 | 0.55 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 |
| 157.5 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 | 0.41 |
| 180.0 | 0.55 | 0.41 | 0.55 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 |
| 202.5 | 0.41 | 0.55 | 0.55 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 225.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 | 0.55 |
| 247.5 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 270.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 |
| 292.5 | 0.41 | 0.55 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 | 0.41 | 0.55 |
| 315.0 | 0.41 | 0.41 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 | 0.55 |
| 337.5 | 0.55 | 0.55 | 0.41 | 0.41 | 0.41 | 0.55 | 0.55 | 0.68 | 0.55 |
| 360.0 | 0.41 | 0.41 | 0.55 | 0.41 | 0.41 | 0.55 | 0.41 | 0.55 | 0.55 |
| C/ $\gamma(^{\circ})$ | 171.0 | 172.0 | 173.0 | 174.0 | 175.0 | 176.0 | 177.0 | 178.0 | 179.0 |
| 0.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 22.5 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 45.0 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.55 |
| 67.5 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 90.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 112.5 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.55 | 0.55 |
| 135.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.68 |
| 157.5 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 |
| 180.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.55 |
| 202.5 | 0.68 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.41 | 0.55 | 0.68 |
| 225.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.55 |
| 247.5 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 270.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| 292.5 | 0.41 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 |
| 315.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 |
| 337.5 | 0.55 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 | 0.68 | 0.55 | 0.55 |
| 360.0 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| C/ $\gamma(^{\circ})$ | 180.0 | | | | | | | | |
| 0.0 | 0.00 | | | | | | | | |
| 22.5 | 0.00 | | | | | | | | |
| 45.0 | 0.00 | | | | | | | | |
| 67.5 | 0.00 | | | | | | | | |
| 90.0 | 0.00 | | | | | | | | |
| 112.5 | 0.00 | | | | | | | | |
| 135.0 | 0.00 | | | | | | | | |
| 157.5 | 0.00 | | | | | | | | |
| 180.0 | 0.00 | | | | | | | | |
| 202.5 | 0.00 | | | | | | | | |
| 225.0 | 0.00 | | | | | | | | |
| 247.5 | 0.00 | | | | | | | | |
| 270.0 | 0.00 | | | | | | | | |
| 292.5 | 0.00 | | | | | | | | |
| 315.0 | 0.00 | | | | | | | | |
| 337.5 | 0.00 | | | | | | | | |
| 360.0 | 0.00 | | | | | | | | |