



Anbotek Compliance Laboratory Ltd

Http://www.anbotek.com.cn

Email:vic.zhou@anbotek.com

Tel:+86-755-26066365 Fax:+86-755-26014772

Address:1/F, Building 1, SEC Industrial Park, No. 0409 Qianhai Road, Nanshan District, Shenzhen, 518054,Guangdong, China

SHENZHEN TIANYA LIGHTING CO., LTD.

LumCAT: 50W-C

Luminaire:

Report No:

Voltage(V): 120.0200

Test No:

Current(A): 0.4380

LampCAT:

Power (W): 49.5800

Lamp flux(lm)

PF: 0.9442

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 4754.92

Lumens(lm)/Power(W): 95.90

Central intensity(cd): 1407.727

Maximum intensity(cd): 1446.441

Angle of maximum intensity: C=180.0 γ =0.0

Beam Angle(50%Imax): [C0/180]Total=96.8

[C90/270]Total=97.0

Field angle(10%Imax): [C0/180]Total=224.6

[C90/270]Total=223.2

Maximum s/h(1/2): C0_180=1.17 C90_270=1.16

Maximum s/h(1/4): C0_180=1.27 C90_270=1.26

Up flux rate of LUM(%): 14.85%

Down flux rate of LUM(%): 85.15%

CIE Type : Semidirect lighting

Output flux ratio in π solid angle : 59.250%

Equipment:
Temperature(°C): 25.0

Date: 2016-3-3
Humidity(%): 60.0%

Operator: Felix
Distance(m): 13.58

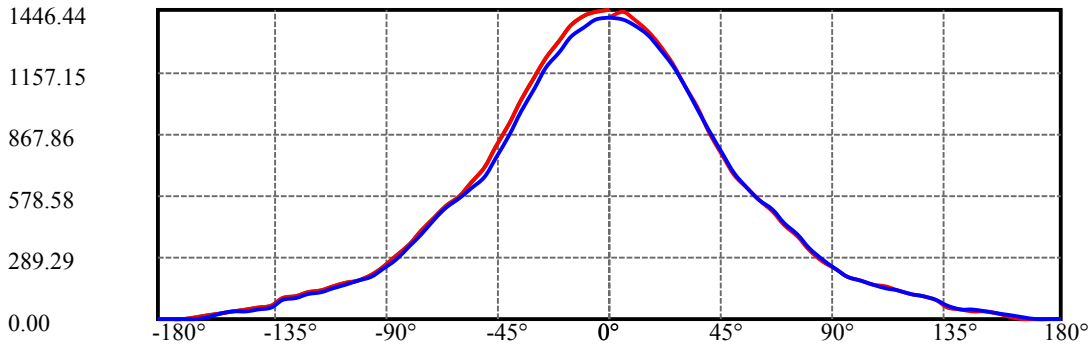
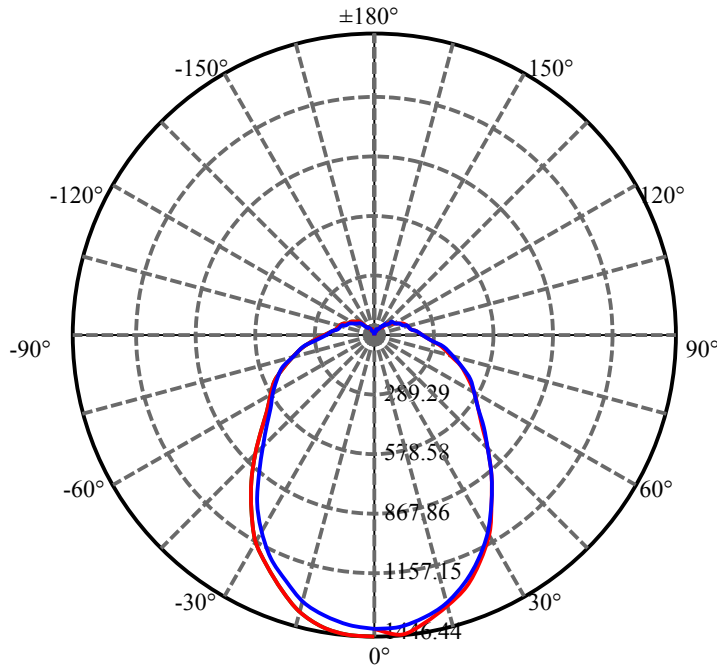
| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) | Sum/Lum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|------------|
| 0.0 | 1412.105 | .000 | .000 | .000% | .000% | .000% |
| 5.0 | 1407.600 | 33.709 | 33.709 | .709% | .709% | .709% |
| 10.0 | 1380.880 | 99.753 | 133.462 | 2.098% | 2.807% | 2.807% |
| 15.0 | 1333.432 | 161.011 | 294.473 | 3.386% | 6.193% | 6.193% |
| 20.0 | 1264.080 | 214.072 | 508.544 | 4.502% | 10.695% | 10.695% |
| 25.0 | 1186.006 | 256.969 | 765.513 | 5.404% | 16.099% | 16.099% |
| 30.0 | 1092.274 | 288.318 | 1053.831 | 6.064% | 22.163% | 22.163% |
| 35.0 | 984.853 | 305.872 | 1359.703 | 6.433% | 28.596% | 28.596% |
| 40.0 | 874.299 | 310.185 | 1669.888 | 6.523% | 35.119% | 35.119% |
| 45.0 | 768.641 | 304.204 | 1974.092 | 6.398% | 41.517% | 41.517% |
| 50.0 | 679.264 | 292.570 | 2266.662 | 6.153% | 47.670% | 47.670% |
| 55.0 | 610.154 | 280.362 | 2547.024 | 5.896% | 53.566% | 53.566% |
| 60.0 | 558.984 | 270.243 | 2817.267 | 5.683% | 59.250% | 59.250% |
| 65.0 | 512.999 | 260.601 | 3077.869 | 5.481% | 64.730% | 64.730% |
| 70.0 | 454.755 | 245.042 | 3322.910 | 5.153% | 69.884% | 69.884% |
| 75.0 | 394.322 | 221.935 | 3544.845 | 4.667% | 74.551% | 74.551% |
| 80.0 | 336.250 | 195.481 | 3740.326 | 4.111% | 78.662% | 78.662% |
| 85.0 | 281.566 | 167.876 | 3908.202 | 3.531% | 82.193% | 82.193% |
| 90.0 | 231.698 | 140.536 | 4048.738 | 2.956% | 85.148% | 85.148% |
| 95.0 | 200.047 | 118.215 | 4166.953 | 2.486% | 87.635% | 87.635% |
| 100.0 | 177.936 | 102.707 | 4269.660 | 2.160% | 89.795% | 89.795% |
| 105.0 | 162.070 | 90.976 | 4360.636 | 1.913% | 91.708% | 91.708% |
| 110.0 | 147.184 | 80.834 | 4441.470 | 1.700% | 93.408% | 93.408% |
| 115.0 | 131.928 | 70.673 | 4512.143 | 1.486% | 94.894% | 94.894% |
| 120.0 | 117.825 | 60.716 | 4572.858 | 1.277% | 96.171% | 96.171% |
| 125.0 | 104.414 | 51.370 | 4624.228 | 1.080% | 97.251% | 97.251% |
| 130.0 | 89.861 | 42.242 | 4666.469 | .888% | 98.140% | 98.140% |
| 135.0 | 58.705 | 30.020 | 4696.489 | .631% | 98.771% | 98.771% |
| 140.0 | 46.791 | 19.534 | 4716.023 | .411% | 99.182% | 99.182% |
| 145.0 | 39.959 | 14.474 | 4730.497 | .304% | 99.486% | 99.486% |
| 150.0 | 33.287 | 10.786 | 4741.283 | .227% | 99.713% | 99.713% |
| 155.0 | 24.750 | 7.345 | 4748.627 | .154% | 99.868% | 99.868% |
| 160.0 | 13.804 | 4.043 | 4752.671 | .085% | 99.953% | 99.953% |
| 165.0 | 5.266 | 1.572 | 4754.243 | .033% | 99.986% | 99.986% |
| 170.0 | 2.431 | .457 | 4754.699 | .010% | 99.995% | 99.995% |
| 175.0 | 2.189 | .165 | 4754.865 | .003% | 99.999% | 99.999% |
| 180.0 | 2.166 | .052 | 4754.917 | .001% | 100.000% | 100.000% |

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Fixt |
|---------|---------|---------|
| 0-30 | 1053.83 | 22.16% |
| 0-40 | 1669.89 | 35.12% |
| 0-60 | 2817.27 | 59.25% |
| 0-90 | 4048.74 | 85.15% |
| 0-120 | 4572.86 | 96.17% |
| 0-180 | 4754.92 | 100.00% |
| 60-90 | 1501.71 | 31.58% |
| 90-120 | 664.66 | 13.98% |
| 90-130 | 758.27 | 15.95% |
| 90-150 | 833.08 | 17.52% |
| 90-180 | 846.66 | 17.81% |
| 0-81.89 | 3803.93 | 80.00% |

ZONAL LUMEN SUMMARY

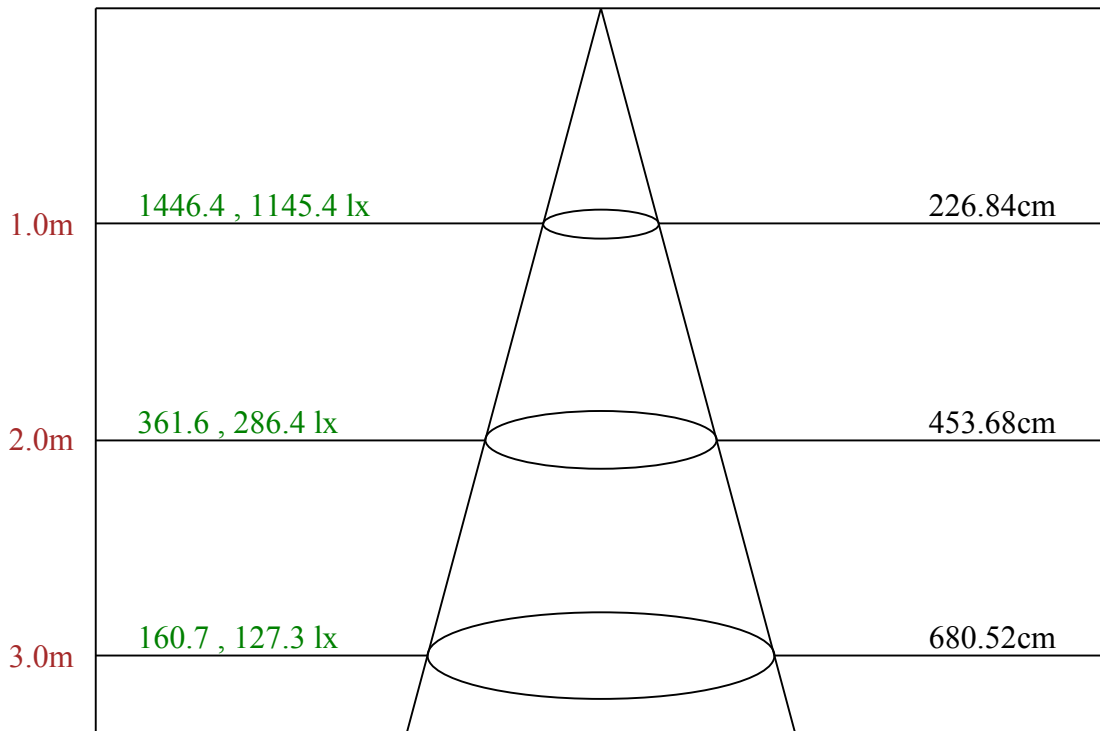
| | |
|---------|--------|
| 0-10 | 133.46 |
| 10-20 | 375.08 |
| 20-30 | 545.29 |
| 30-40 | 616.06 |
| 40-50 | 596.77 |
| 50-60 | 550.61 |
| 60-70 | 505.64 |
| 70-80 | 417.42 |
| 80-90 | 308.41 |
| 90-100 | 220.92 |
| 100-110 | 171.81 |
| 110-120 | 131.39 |
| 120-130 | 93.61 |
| 130-140 | 49.55 |
| 140-150 | 25.26 |
| 150-160 | 11.39 |
| 160-170 | 2.03 |
| 170-180 | 0.17 |



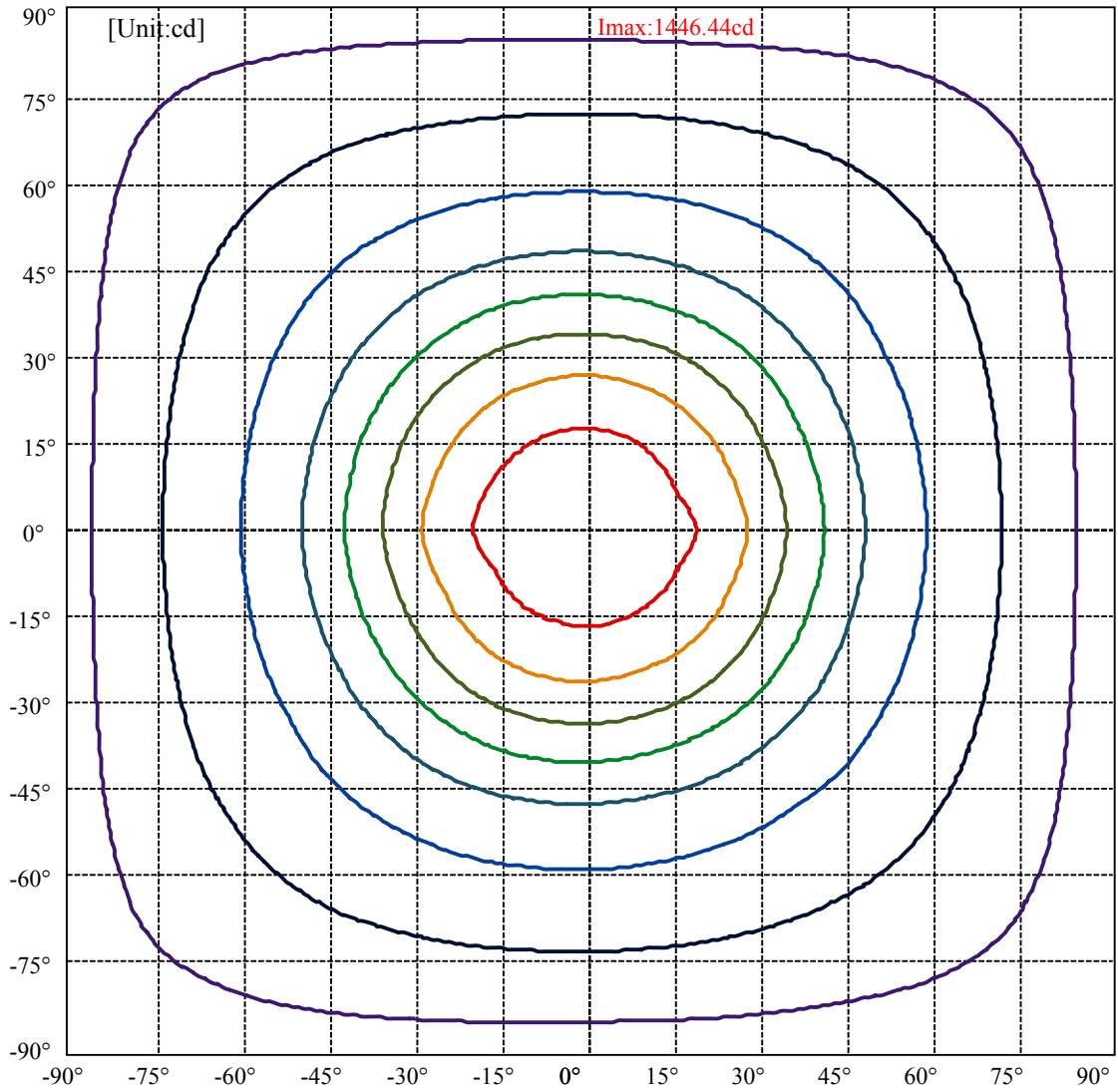
C180(Max): ———
 C0/C180: ———
 C90/C270: ———









Field angle(10%Imax):C0/180Left:113.0 Right:111.5
 :C90/270Left:111.3 Right:111.9

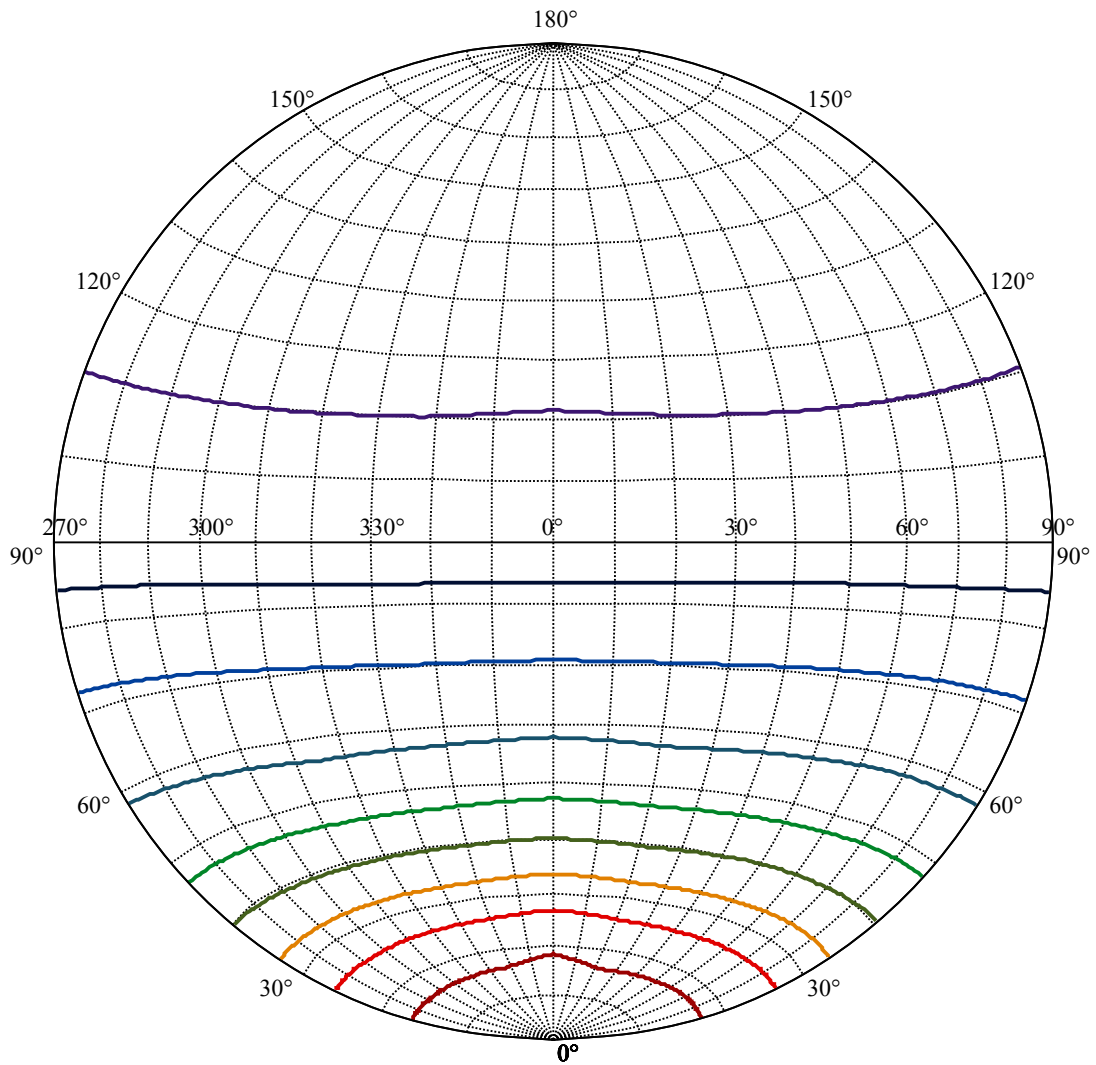
Beam Angle(50%Imax):C0/180Left:49.5 Right:47.3
 :C90/270Left:48.0 Right:49.0



Max , Ave Beam angle of C180plane97.15



| | |
|-------------------|---|
| (10%Imax) 288.956 |  |
| (20%Imax) 433.435 |  |
| (30%Imax) 577.913 |  |
| (40%Imax) 722.391 |  |
| (50%Imax) 866.869 |  |
| (60%Imax) 1011.35 |  |
| (70%Imax) 1155.83 |  |
| (80%Imax) 1300.3 |  |



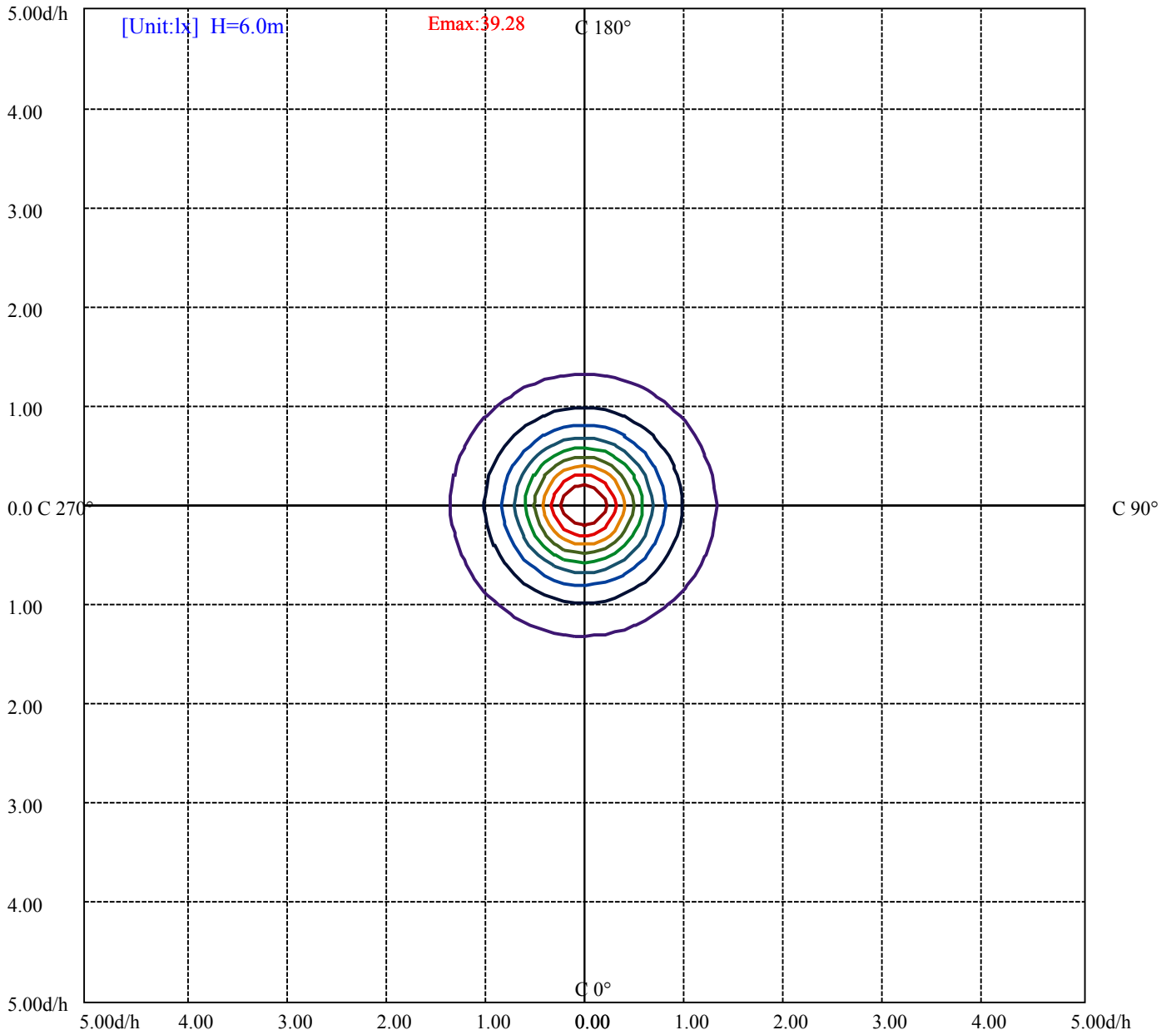
House

[Unit:cd]

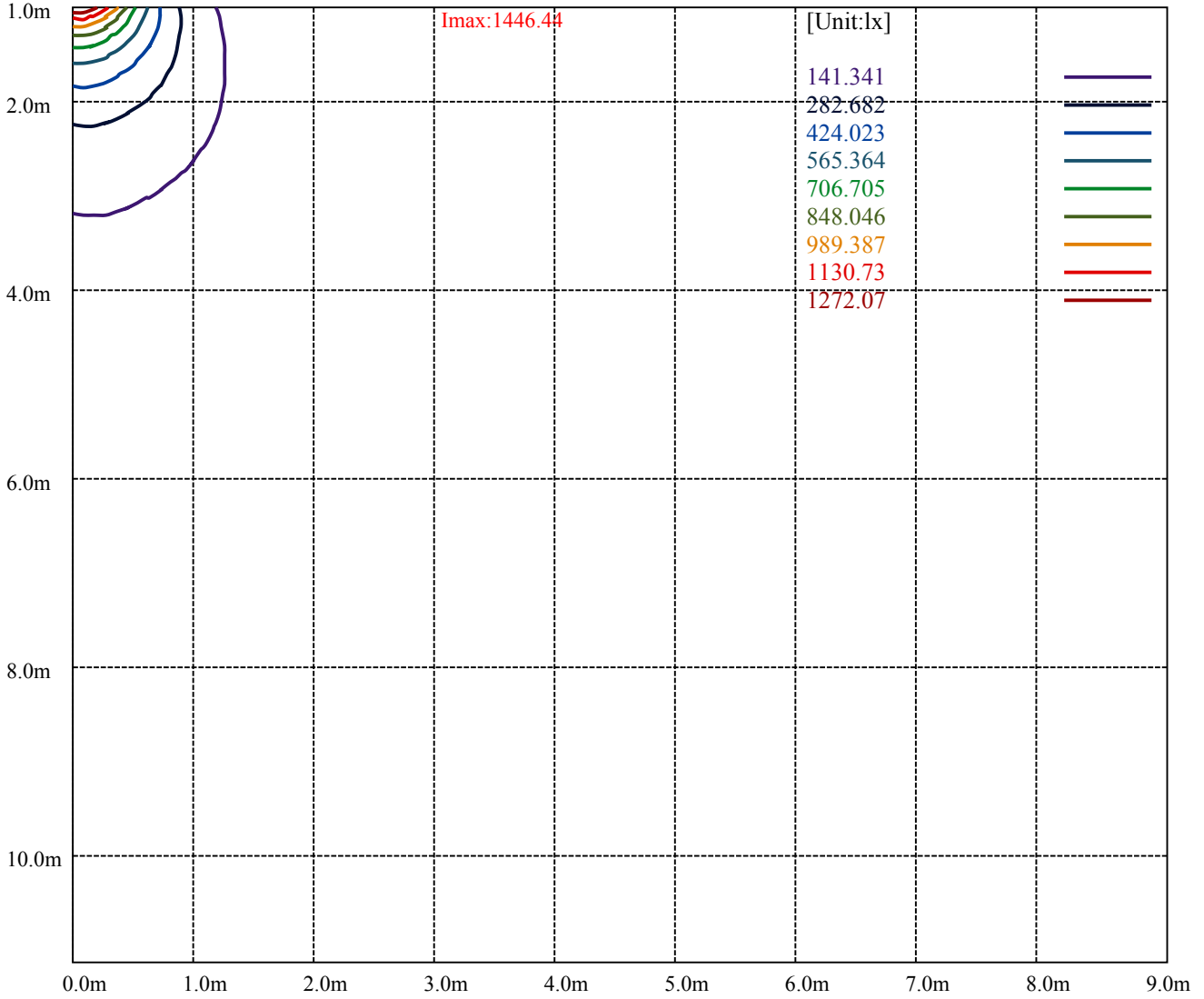
Road

I_{max}:1446.44

| | |
|--------------------------------|---|
| (10%I _{max}) 144.644 | — |
| (20%I _{max}) 289.288 | — |
| (30%I _{max}) 433.932 | — |
| (40%I _{max}) 578.576 | — |
| (50%I _{max}) 723.22 | — |
| (60%I _{max}) 867.865 | — |
| (70%I _{max}) 1012.51 | — |
| (80%I _{max}) 1157.15 | — |
| (90%I _{max}) 1301.8 | — |



- (10%Emax) 3.927972
- (20%Emax) 7.855917
- (30%Emax) 11.78389
- (40%Emax) 15.71183
- (50%Emax) 19.63981
- (60%Emax) 23.56775
- (70%Emax) 27.49572
- (80%Emax) 31.42361
- (90%Emax) 35.35167



Luminance Table

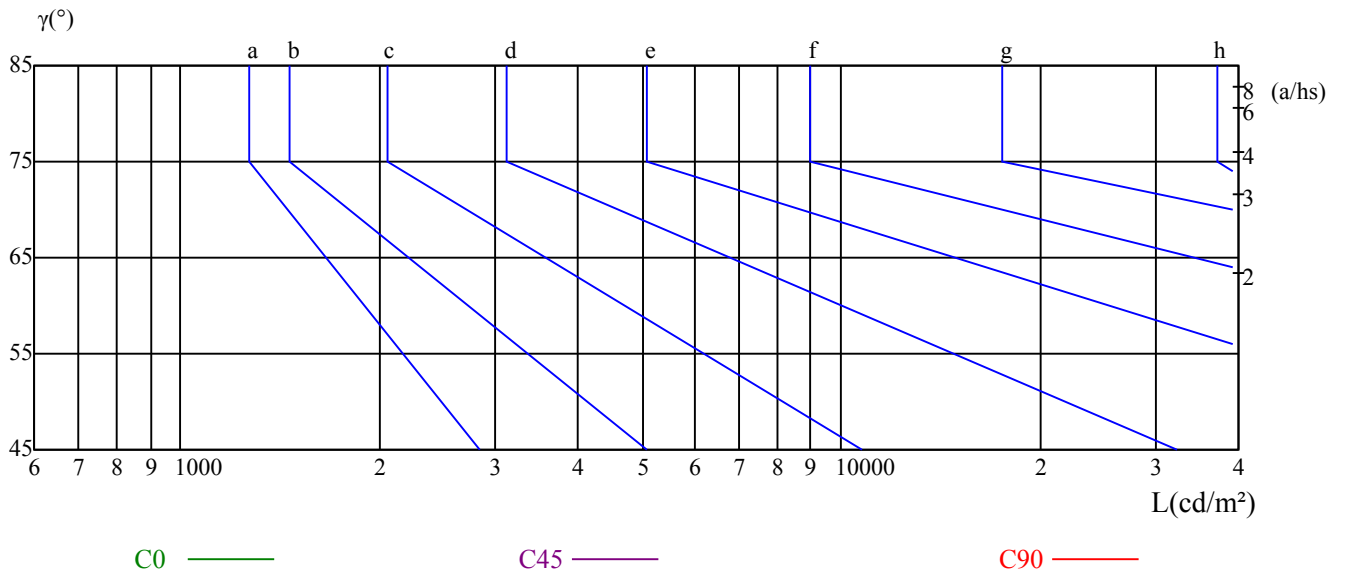
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|----|----|----|----|----|----|----|----|
| C0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

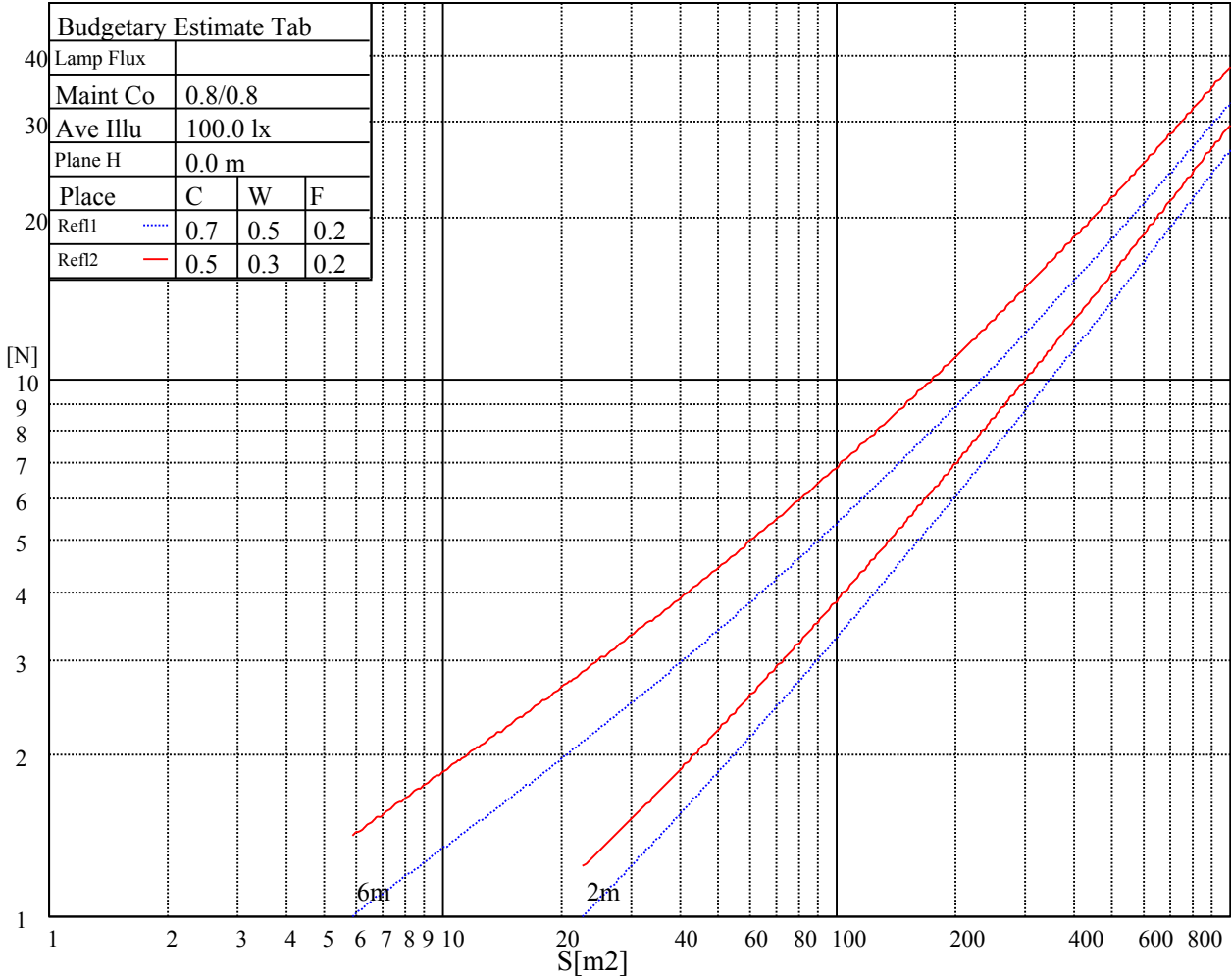
| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Glare Table

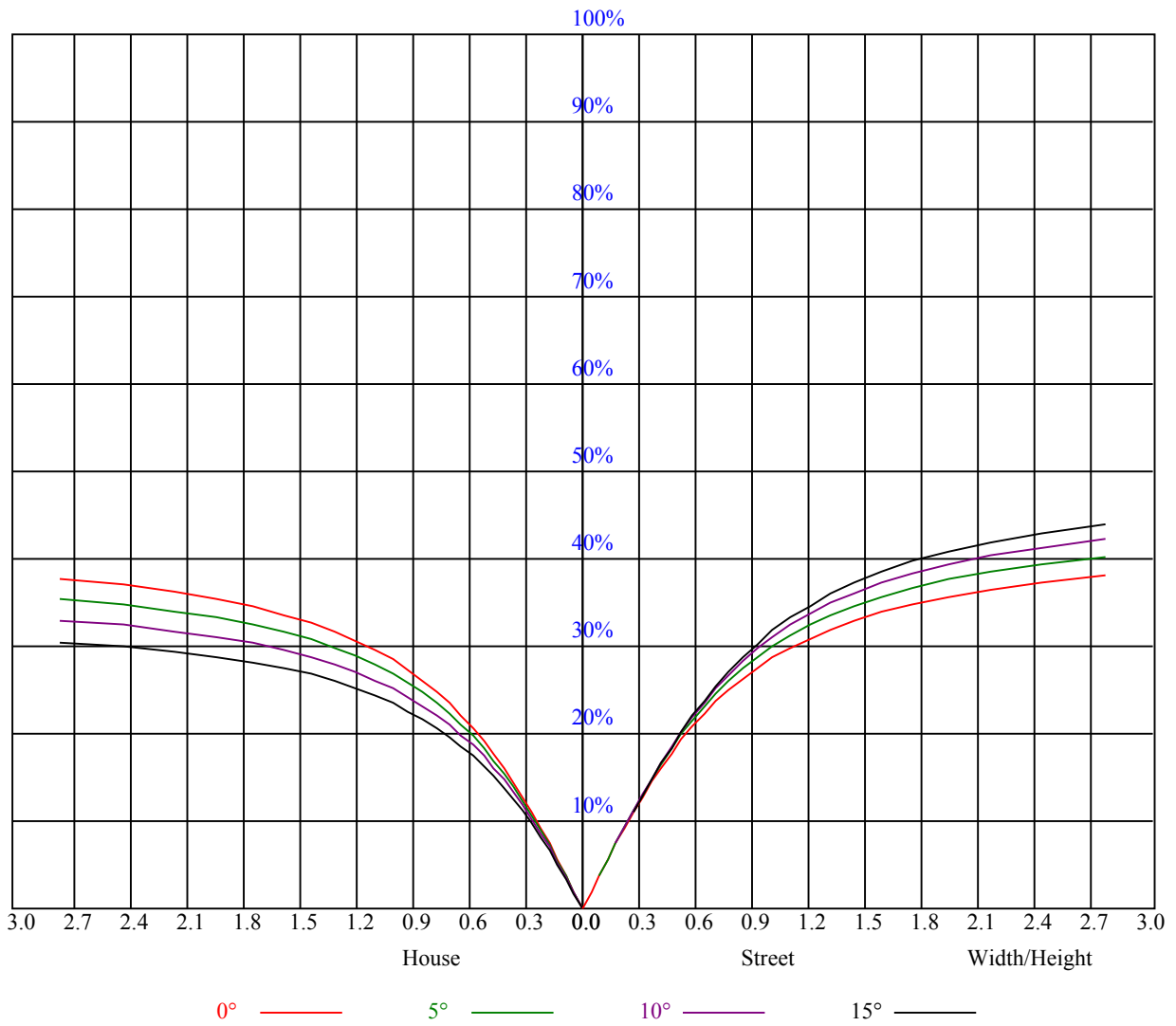
| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 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 | COEFFICIENTS OF UTILIZATION RHOF=20 CU | | | | | | | | | | | | | | | |
| 0 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.03 | 1.03 | 1.03 | 0.95 | 0.95 | 0.95 | 0.88 | 0.88 | 0.88 | 0.85 |
| 1 | 0.97 | 0.92 | 0.88 | 0.94 | 0.89 | 0.85 | 0.87 | 0.83 | 0.80 | 0.80 | 0.77 | 0.74 | 0.74 | 0.72 | 0.70 | 0.67 |
| 2 | 0.84 | 0.77 | 0.70 | 0.81 | 0.74 | 0.68 | 0.75 | 0.69 | 0.64 | 0.69 | 0.65 | 0.61 | 0.64 | 0.61 | 0.57 | 0.54 |
| 3 | 0.74 | 0.65 | 0.58 | 0.71 | 0.63 | 0.56 | 0.66 | 0.59 | 0.54 | 0.61 | 0.55 | 0.51 | 0.56 | 0.52 | 0.48 | 0.45 |
| 4 | 0.65 | 0.56 | 0.49 | 0.63 | 0.54 | 0.48 | 0.58 | 0.51 | 0.46 | 0.54 | 0.48 | 0.43 | 0.50 | 0.45 | 0.41 | 0.38 |
| 5 | 0.58 | 0.49 | 0.42 | 0.56 | 0.48 | 0.41 | 0.52 | 0.45 | 0.39 | 0.49 | 0.42 | 0.38 | 0.45 | 0.40 | 0.36 | 0.33 |
| 6 | 0.52 | 0.43 | 0.37 | 0.51 | 0.42 | 0.36 | 0.47 | 0.40 | 0.34 | 0.44 | 0.38 | 0.33 | 0.41 | 0.36 | 0.32 | 0.29 |
| 7 | 0.47 | 0.39 | 0.32 | 0.46 | 0.38 | 0.32 | 0.43 | 0.36 | 0.31 | 0.40 | 0.34 | 0.29 | 0.38 | 0.32 | 0.28 | 0.26 |
| 8 | 0.43 | 0.35 | 0.29 | 0.42 | 0.34 | 0.28 | 0.39 | 0.32 | 0.27 | 0.37 | 0.31 | 0.26 | 0.35 | 0.29 | 0.25 | 0.23 |
| 9 | 0.40 | 0.32 | 0.26 | 0.39 | 0.31 | 0.26 | 0.36 | 0.29 | 0.25 | 0.34 | 0.28 | 0.24 | 0.32 | 0.27 | 0.23 | 0.21 |
| 10 | 0.37 | 0.29 | 0.24 | 0.36 | 0.28 | 0.23 | 0.34 | 0.27 | 0.22 | 0.32 | 0.26 | 0.22 | 0.30 | 0.25 | 0.21 | 0.19 |



Intensity data(cd)

| C/γ(°) | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0.0 | 1407.73 | 1439.99 | 1402.57 | 1346.52 | 1281.44 | 1197.56 | 1098.38 | 986.48 | 874.76 |
| 22.5 | 1404.78 | 1396.67 | 1369.57 | 1316.84 | 1247.52 | 1171.39 | 1080.13 | 964.91 | 856.14 |
| 45.0 | 1407.36 | 1401.27 | 1374.54 | 1324.40 | 1251.76 | 1171.75 | 1081.05 | 970.62 | 865.17 |
| 67.5 | 1407.17 | 1402.01 | 1373.44 | 1331.96 | 1260.06 | 1178.39 | 1084.74 | 980.76 | 868.12 |
| 90.0 | 1407.17 | 1403.49 | 1377.86 | 1330.85 | 1266.33 | 1185.03 | 1091.74 | 980.21 | 876.23 |
| 112.5 | 1407.36 | 1401.64 | 1382.29 | 1338.78 | 1270.57 | 1192.95 | 1095.80 | 995.51 | 885.64 |
| 135.0 | 1413.44 | 1407.54 | 1389.48 | 1344.86 | 1273.15 | 1201.07 | 1107.41 | 1004.18 | 887.85 |
| 157.5 | 1422.48 | 1414.73 | 1396.30 | 1353.16 | 1284.03 | 1207.33 | 1116.08 | 1015.24 | 900.94 |
| 180.0 | 1446.44 | 1438.15 | 1418.42 | 1377.31 | 1303.57 | 1224.66 | 1135.99 | 1024.27 | 913.47 |
| 202.5 | 1404.78 | 1402.75 | 1378.05 | 1336.75 | 1265.41 | 1190.74 | 1101.52 | 990.53 | 885.08 |
| 225.0 | 1407.36 | 1397.22 | 1372.70 | 1333.06 | 1264.12 | 1188.71 | 1096.35 | 987.77 | 876.23 |
| 247.5 | 1407.17 | 1401.09 | 1371.59 | 1321.82 | 1259.32 | 1182.63 | 1086.03 | 984.08 | 872.73 |
| 270.0 | 1407.17 | 1397.59 | 1368.64 | 1321.82 | 1251.58 | 1174.33 | 1079.02 | 974.31 | 863.33 |
| 292.5 | 1407.36 | 1400.54 | 1365.51 | 1317.58 | 1245.31 | 1164.56 | 1074.05 | 965.46 | 851.72 |
| 315.0 | 1413.44 | 1402.01 | 1372.70 | 1318.68 | 1248.81 | 1169.54 | 1073.31 | 965.65 | 853.19 |
| 337.5 | 1422.48 | 1414.92 | 1380.44 | 1320.53 | 1252.32 | 1175.44 | 1074.78 | 967.67 | 858.17 |
| 360.0 | 1407.73 | 1439.99 | 1402.57 | 1346.52 | 1281.44 | 1197.56 | 1098.38 | 986.48 | 874.76 |
| C/γ(°) | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 |
| 0.0 | 764.70 | 675.66 | 609.84 | 555.09 | 501.81 | 441.90 | 385.85 | 327.23 | 273.03 |
| 22.5 | 752.35 | 660.54 | 596.75 | 544.95 | 499.97 | 439.87 | 378.85 | 325.75 | 272.48 |
| 45.0 | 756.40 | 669.02 | 601.36 | 552.51 | 506.24 | 444.66 | 386.59 | 330.55 | 276.72 |
| 67.5 | 763.41 | 678.24 | 610.76 | 555.09 | 508.08 | 448.72 | 391.20 | 331.10 | 277.45 |
| 90.0 | 772.81 | 685.61 | 611.69 | 557.12 | 508.26 | 452.04 | 390.83 | 333.50 | 281.51 |
| 112.5 | 781.66 | 689.85 | 615.00 | 561.91 | 513.24 | 454.25 | 393.96 | 338.11 | 283.35 |
| 135.0 | 785.90 | 696.30 | 622.56 | 566.70 | 520.43 | 462.73 | 398.39 | 338.29 | 286.67 |
| 157.5 | 794.57 | 701.10 | 627.73 | 570.94 | 522.46 | 464.94 | 406.32 | 344.37 | 289.44 |
| 180.0 | 804.52 | 713.45 | 635.10 | 577.40 | 530.20 | 473.79 | 414.61 | 353.59 | 294.23 |
| 202.5 | 779.08 | 685.80 | 613.35 | 560.80 | 516.38 | 460.33 | 397.65 | 341.61 | 286.67 |
| 225.0 | 772.07 | 684.69 | 612.42 | 562.10 | 521.91 | 464.02 | 402.63 | 342.71 | 288.51 |
| 247.5 | 768.39 | 677.32 | 609.47 | 565.78 | 526.15 | 465.86 | 402.08 | 346.22 | 286.49 |
| 270.0 | 758.06 | 668.65 | 607.26 | 563.75 | 523.01 | 466.05 | 399.50 | 341.98 | 282.43 |
| 292.5 | 750.87 | 660.72 | 599.70 | 556.56 | 512.69 | 455.54 | 395.62 | 335.52 | 280.96 |
| 315.0 | 745.53 | 658.51 | 591.04 | 547.72 | 500.34 | 443.19 | 385.48 | 325.94 | 273.21 |
| 337.5 | 747.92 | 662.75 | 598.41 | 545.32 | 496.83 | 438.21 | 379.58 | 323.54 | 271.92 |
| 360.0 | 764.70 | 675.66 | 609.84 | 555.09 | 501.81 | 441.90 | 385.85 | 327.23 | 273.03 |
| C/γ(°) | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 | 120.0 | 125.0 | 130.0 |
| 0.0 | 229.71 | 200.02 | 180.30 | 165.00 | 149.70 | 133.29 | 118.72 | 103.98 | 86.09 |
| 22.5 | 226.20 | 195.42 | 175.50 | 160.20 | 145.46 | 130.15 | 116.51 | 102.69 | 87.94 |
| 45.0 | 228.41 | 196.89 | 175.32 | 159.83 | 144.35 | 130.15 | 117.43 | 103.98 | 91.81 |
| 67.5 | 229.89 | 198.92 | 175.32 | 160.02 | 145.27 | 131.26 | 117.80 | 105.45 | 91.07 |
| 90.0 | 229.89 | 199.10 | 176.06 | 161.13 | 146.19 | 132.00 | 119.09 | 106.19 | 92.36 |
| 112.5 | 232.10 | 200.02 | 177.72 | 162.42 | 147.48 | 133.66 | 120.57 | 107.11 | 94.94 |
| 135.0 | 235.79 | 203.53 | 179.38 | 163.34 | 149.88 | 136.61 | 121.86 | 108.58 | 95.13 |
| 157.5 | 237.08 | 205.00 | 181.22 | 164.63 | 151.72 | 136.98 | 123.15 | 110.06 | 96.42 |
| 180.0 | 242.24 | 206.66 | 184.17 | 167.39 | 153.94 | 138.63 | 124.25 | 110.43 | 96.42 |
| 202.5 | 234.13 | 200.76 | 178.82 | 163.34 | 148.22 | 132.55 | 118.17 | 104.71 | 91.26 |
| 225.0 | 236.34 | 202.05 | 180.11 | 162.97 | 148.04 | 131.44 | 116.88 | 103.42 | 90.15 |
| 247.5 | 234.68 | 201.31 | 179.01 | 162.23 | 146.75 | 130.34 | 115.41 | 102.87 | 87.38 |
| 270.0 | 231.55 | 200.39 | 177.53 | 160.94 | 144.72 | 129.42 | 114.12 | 101.21 | 85.36 |
| 292.5 | 228.78 | 198.55 | 175.87 | 159.83 | 144.53 | 128.13 | 113.93 | 100.10 | 85.91 |
| 315.0 | 224.73 | 195.42 | 174.95 | 158.91 | 143.80 | 127.39 | 113.56 | 99.55 | 85.72 |
| 337.5 | 225.65 | 196.71 | 175.69 | 160.94 | 144.90 | 128.86 | 113.75 | 100.29 | 79.83 |
| 360.0 | 229.71 | 200.02 | 180.30 | 165.00 | 149.70 | 133.29 | 118.72 | 103.98 | 86.09 |

SHENZHEN TIANYA LIGHTING CO., LTD. 50W-C

| Intensity data(cd) | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Page: 16 Total:16 | | | | | | | | | |
| C/γ(°) | 135.0 | 140.0 | 145.0 | 150.0 | 155.0 | 160.0 | 165.0 | 170.0 | 175.0 |
| 0.0 | 55.31 | 46.27 | 39.08 | 31.89 | 22.49 | 11.06 | 3.69 | 2.21 | 2.21 |
| 22.5 | 55.49 | 45.54 | 38.71 | 32.26 | 23.23 | 11.98 | 4.61 | 2.77 | 2.03 |
| 45.0 | 57.33 | 46.09 | 39.27 | 32.63 | 23.60 | 13.09 | 4.98 | 2.77 | 2.58 |
| 67.5 | 60.10 | 47.19 | 40.37 | 33.37 | 25.26 | 14.56 | 5.35 | 2.77 | 2.58 |
| 90.0 | 64.52 | 48.30 | 40.93 | 34.11 | 26.36 | 15.30 | 5.90 | 2.77 | 2.58 |
| 112.5 | 65.45 | 49.22 | 41.85 | 34.84 | 26.73 | 16.04 | 6.82 | 2.95 | 2.21 |
| 135.0 | 64.71 | 50.51 | 43.14 | 35.76 | 27.84 | 16.96 | 7.37 | 2.95 | 2.40 |
| 157.5 | 66.18 | 51.07 | 43.32 | 36.50 | 28.21 | 17.51 | 7.19 | 2.58 | 2.21 |
| 180.0 | 66.55 | 51.07 | 43.32 | 36.50 | 28.39 | 16.96 | 7.37 | 2.77 | 2.03 |
| 202.5 | 59.36 | 47.75 | 40.56 | 34.29 | 26.18 | 14.93 | 5.90 | 2.03 | 2.03 |
| 225.0 | 57.52 | 45.90 | 39.64 | 33.00 | 24.89 | 14.20 | 4.98 | 2.03 | 2.03 |
| 247.5 | 55.49 | 44.43 | 38.35 | 32.63 | 24.15 | 13.09 | 4.61 | 2.03 | 2.03 |
| 270.0 | 53.28 | 44.06 | 37.98 | 32.08 | 23.23 | 12.17 | 4.06 | 2.03 | 2.03 |
| 292.5 | 52.17 | 43.32 | 37.42 | 30.97 | 22.49 | 11.25 | 3.87 | 2.03 | 2.03 |
| 315.0 | 52.54 | 43.69 | 37.42 | 31.16 | 21.57 | 11.06 | 3.87 | 2.21 | 2.03 |
| 337.5 | 53.28 | 44.24 | 37.98 | 30.60 | 21.39 | 10.69 | 3.69 | 2.03 | 2.03 |
| 360.0 | 55.31 | 46.27 | 39.08 | 31.89 | 22.49 | 11.06 | 3.69 | 2.21 | 2.21 |
| C/γ(°) | 180.0 | | | | | | | | |
| 0.0 | 2.21 | | | | | | | | |
| 22.5 | 2.21 | | | | | | | | |
| 45.0 | 2.21 | | | | | | | | |
| 67.5 | 2.21 | | | | | | | | |
| 90.0 | 2.03 | | | | | | | | |
| 112.5 | 2.21 | | | | | | | | |
| 135.0 | 2.03 | | | | | | | | |
| 157.5 | 2.21 | | | | | | | | |
| 180.0 | 2.21 | | | | | | | | |
| 202.5 | 2.21 | | | | | | | | |
| 225.0 | 2.21 | | | | | | | | |
| 247.5 | 2.21 | | | | | | | | |
| 270.0 | 2.03 | | | | | | | | |
| 292.5 | 2.21 | | | | | | | | |
| 315.0 | 2.03 | | | | | | | | |
| 337.5 | 2.21 | | | | | | | | |
| 360.0 | 2.21 | | | | | | | | |