

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3082B5-18-UN-RC-Y(5030-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V):

测试编号: 20210226006

电流(A):

光源规格型号: XL

功率(W): 130.3000

每个光源光通量(lm)

功率因数:

光源数量: 18

镇流器型号:

发光面长度(mm): 420

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 4632.19

灯具效能(lm/w): 35.55

中心光强(cd): 8385.118

最大光强(cd): 8853.984

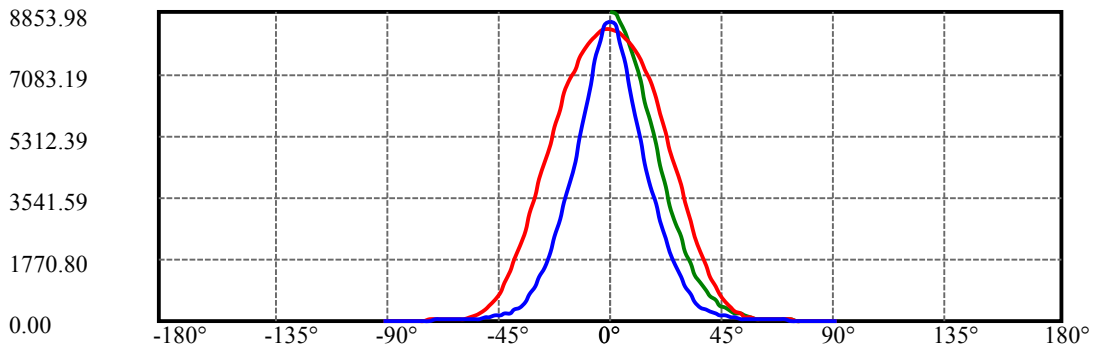
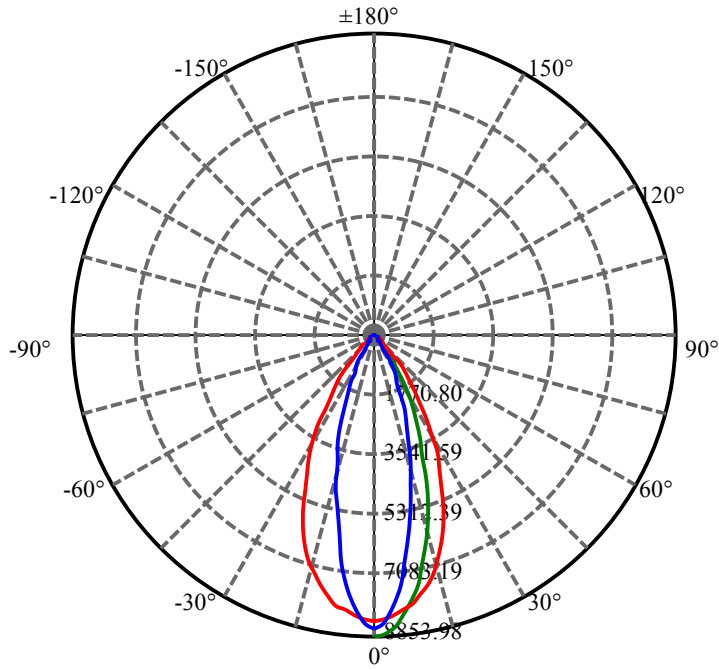
最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=54.3

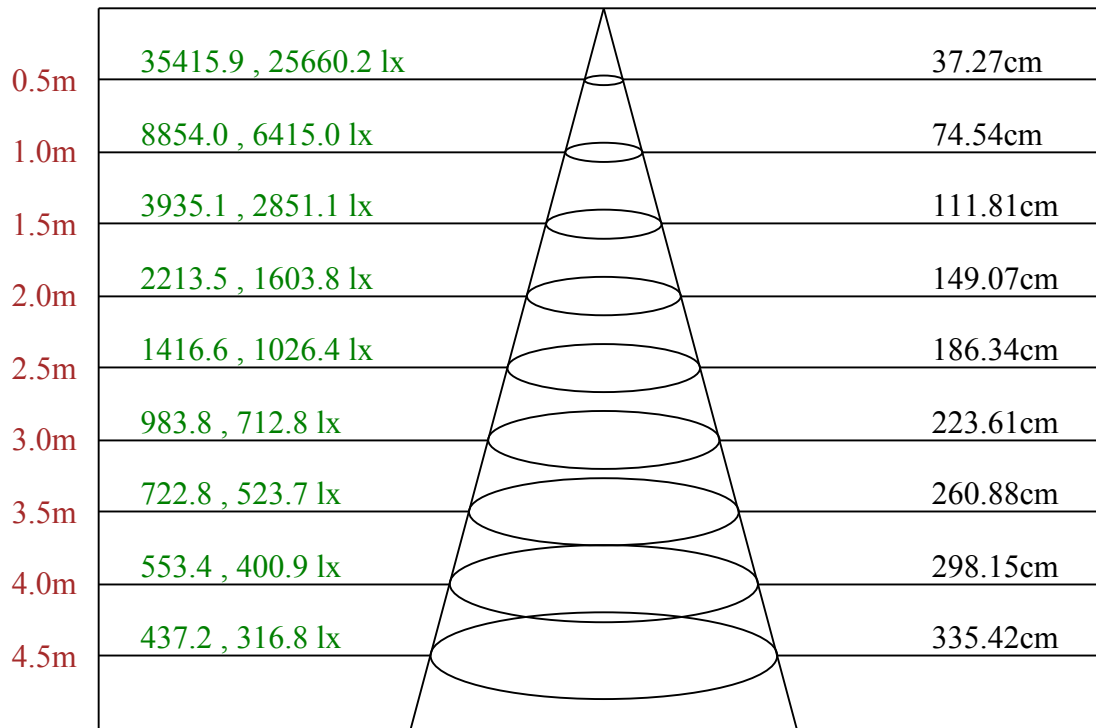
[C90/270]Total=29.5

光束扩散角(10%Imax): [C0/180]Total=87.3

[C90/270]Total=62.2

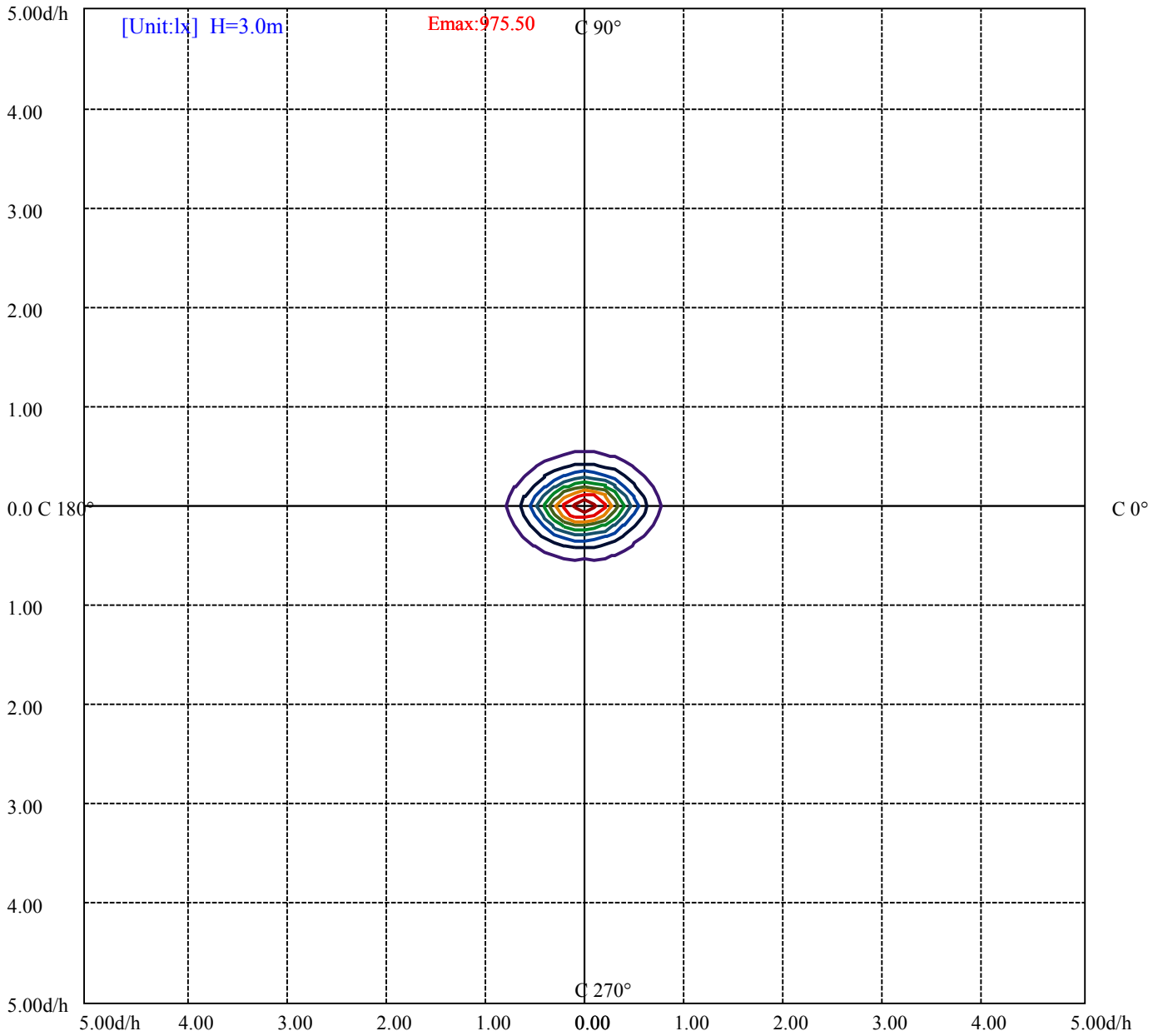


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角40.88

ROLED 投光灯
平面等照度曲线



- (10%Emax) 97.55022
- (20%Emax) 195.1
- (30%Emax) 292.6511
- (40%Emax) 390.2011
- (50%Emax) 487.7511
- (60%Emax) 585.3011
- (70%Emax) 682.8522
- (80%Emax) 780.4022
- (90%Emax) 877.9522

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

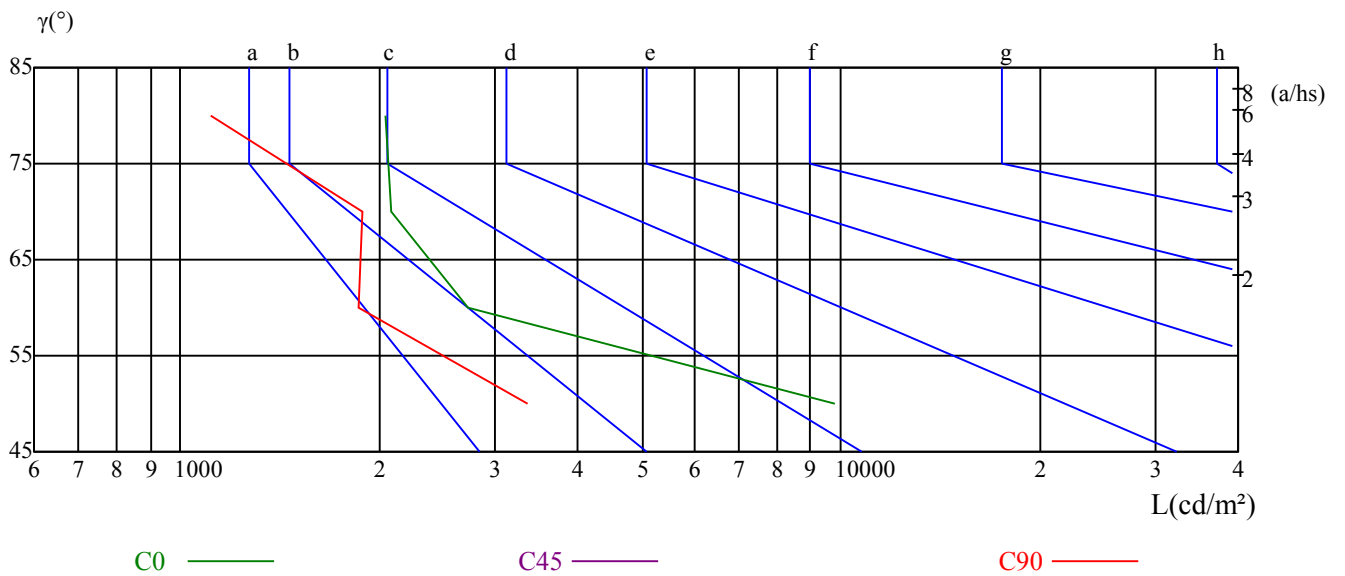
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|------|----|------|----|------|----|------|----|
| C0 | 0 | 9816 | 0 | 2728 | 0 | 2086 | 0 | 2044 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 3351 | 0 | 1862 | 0 | 1888 | 0 | 1112 | 0 |

| 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 |

眩光等级表

| 眩光等级 | 质量等级 | 使用照度(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 |

亮度限制曲线



| 参照UGR的照射评估 | | | | | | | | | | | |
|-----------------|-----|------------------|------|------|------|------|----------------|------|------|------|------|
| 天花板反射率 | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| 墙壁反射率 | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| 地板反射率 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 空间尺寸 | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X | Y | | | | | | | | | | |
| 2H | 2H | 3.20 | 4.21 | 3.56 | 4.52 | 4.83 | 4.92 | 5.93 | 5.29 | 6.24 | 6.56 |
| | 3H | 3.89 | 4.77 | 4.27 | 5.11 | 5.48 | 5.58 | 6.47 | 5.97 | 6.80 | 7.17 |
| | 4H | 4.10 | 4.92 | 4.51 | 5.27 | 5.66 | 5.91 | 6.73 | 6.32 | 7.09 | 7.48 |
| | 6H | 4.20 | 4.95 | 4.62 | 5.32 | 5.72 | 6.20 | 6.95 | 6.62 | 7.33 | 7.72 |
| | 8H | 4.20 | 4.90 | 4.64 | 5.30 | 5.71 | 6.30 | 7.00 | 6.74 | 7.40 | 7.81 |
| | 12H | 4.19 | 4.86 | 4.63 | 5.25 | 5.68 | 6.42 | 7.09 | 6.86 | 7.48 | 7.91 |
| 4H | 2H | 3.35 | 4.17 | 3.75 | 4.52 | 4.91 | 4.91 | 5.73 | 5.31 | 6.08 | 6.47 |
| | 3H | 4.14 | 4.81 | 4.56 | 5.22 | 5.63 | 5.79 | 6.46 | 6.20 | 6.86 | 7.27 |
| | 4H | 4.41 | 5.01 | 4.85 | 5.43 | 5.88 | 6.24 | 6.84 | 6.68 | 7.26 | 7.71 |
| | 6H | 4.55 | 5.06 | 5.02 | 5.51 | 5.98 | 6.58 | 7.09 | 7.05 | 7.54 | 8.01 |
| | 8H | 4.56 | 5.04 | 5.04 | 5.49 | 5.96 | 6.72 | 7.20 | 7.20 | 7.65 | 8.12 |
| | 12H | 4.56 | 4.97 | 5.05 | 5.46 | 5.93 | 6.87 | 7.28 | 7.36 | 7.77 | 8.24 |
| 8H | 4H | 4.53 | 5.00 | 5.00 | 5.45 | 5.93 | 6.23 | 6.70 | 6.70 | 7.15 | 7.63 |
| | 6H | 4.72 | 5.10 | 5.23 | 5.60 | 6.09 | 6.67 | 7.04 | 7.18 | 7.54 | 8.03 |
| | 8H | 4.77 | 5.10 | 5.30 | 5.62 | 6.12 | 6.87 | 7.20 | 7.40 | 7.72 | 8.22 |
| | 12H | 5.27 | 5.56 | 5.80 | 6.06 | 6.64 | 7.42 | 7.71 | 7.94 | 8.21 | 8.79 |
| 12H | 4H | 4.52 | 4.93 | 5.01 | 5.42 | 5.89 | 6.18 | 6.59 | 6.67 | 7.07 | 7.55 |
| | 6H | 5.01 | 5.07 | 5.27 | 5.54 | 6.09 | 6.90 | 6.96 | 7.17 | 7.44 | 7.99 |
| | 8H | 4.81 | 5.10 | 5.33 | 5.60 | 6.18 | 6.87 | 7.16 | 7.39 | 7.65 | 8.23 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | | 2.9/-3.0 | | | | | 4.3/-6.0 | | | | |
| S = 1.5H | | 4.7/-4.7 | | | | | 6.9/-7.3 | | | | |
| S = 2.0H | | 6.7/-4.7 | | | | | 8.9/-7.2 | | | | |
| 标准表格 | | BK1 | | | | | BK0 | | | | |
| 更正系数 | | -5.5 | | | | | -0.6 | | | | |

ROLED 投光灯

光强数据表(cd)

附页 第7页 共8页

| C/γ(°) | 0.0 | 2.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0 | 8385.12 | 8329.87 | 8252.36 | 8097.35 | 7953.09 | 7754.33 | 7476.54 | 7181.11 | 6852.67 |
| 30.0 | 8853.98 | 8779.55 | 8584.64 | 8266.17 | 7898.60 | 7449.69 | 6871.85 | 6277.90 | 5693.16 |
| 60.0 | 8705.11 | 8544.73 | 8143.39 | 7558.65 | 6941.68 | 6243.37 | 5502.09 | 4760.80 | 4103.93 |
| 90.0 | 8604.59 | 8454.18 | 7972.27 | 7379.09 | 6685.38 | 5879.64 | 5147.56 | 4483.78 | 3876.02 |
| 120.0 | 8514.04 | 8325.26 | 7900.14 | 7358.37 | 6726.82 | 5974.02 | 5260.36 | 4552.07 | 3986.52 |
| 150.0 | 8439.60 | 8372.07 | 8181.76 | 7884.79 | 7478.85 | 7003.07 | 6503.51 | 5928.75 | 5303.34 |
| 180.0 | 8385.12 | 8376.68 | 8281.52 | 8136.49 | 8007.57 | 7807.28 | 7517.98 | 7222.54 | 6915.59 |
| 210.0 | 8853.98 | 8835.57 | 8686.70 | 8365.17 | 8026.75 | 7616.21 | 7074.44 | 6493.54 | 5865.06 |
| 240.0 | 8705.11 | 8660.61 | 8366.70 | 7834.14 | 7256.31 | 6554.16 | 5815.94 | 5070.82 | 4409.34 |
| 270.0 | 8604.59 | 8481.81 | 8043.64 | 7466.57 | 6757.51 | 5967.88 | 5245.78 | 4565.12 | 3951.22 |
| 300.0 | 8514.04 | 8437.30 | 8111.16 | 7618.51 | 7027.63 | 6274.83 | 5523.57 | 4796.10 | 4192.18 |
| 330.0 | 8439.60 | 8362.10 | 8202.48 | 7895.53 | 7496.50 | 7026.86 | 6508.88 | 5915.70 | 5305.64 |
| 360.0 | 8385.12 | 8329.87 | 8252.36 | 8097.35 | 7953.09 | 7754.33 | 7476.54 | 7181.11 | 6852.67 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 6404.52 | 5928.75 | 5412.30 | 4893.56 | 4392.46 | 3912.08 | 3387.20 | 2882.26 | 2427.98 |
| 30.0 | 5059.31 | 4450.78 | 3836.88 | 3302.79 | 2812.43 | 2394.98 | 1987.50 | 1625.30 | 1338.30 |
| 60.0 | 3516.12 | 2991.23 | 2550.76 | 2171.67 | 1850.91 | 1522.17 | 1288.66 | 1011.25 | 793.77 |
| 90.0 | 3352.67 | 2850.80 | 2391.14 | 1974.46 | 1606.12 | 1274.61 | 996.05 | 762.00 | 545.60 |
| 120.0 | 3427.10 | 2939.82 | 2514.69 | 2149.42 | 1830.96 | 1531.38 | 1251.28 | 981.47 | 767.30 |
| 150.0 | 4759.27 | 4134.62 | 3626.62 | 3144.71 | 2711.14 | 2306.73 | 1965.25 | 1658.30 | 1349.05 |
| 180.0 | 6522.70 | 6048.46 | 5543.52 | 5055.47 | 4558.21 | 4070.16 | 3578.27 | 3075.64 | 2564.57 |
| 210.0 | 5231.97 | 4645.69 | 4054.05 | 3494.63 | 3011.18 | 2591.43 | 2170.91 | 1811.01 | 1492.70 |
| 240.0 | 3758.61 | 3222.98 | 2767.16 | 2360.45 | 1998.25 | 1675.18 | 1392.02 | 1106.56 | 872.51 |
| 270.0 | 3406.38 | 2931.38 | 2434.88 | 1993.64 | 1530.22 | 1249.37 | 972.73 | 749.57 | 534.63 |
| 300.0 | 3608.97 | 3106.34 | 2646.68 | 2239.97 | 1908.46 | 1594.61 | 1330.63 | 1025.98 | 799.61 |
| 330.0 | 4698.64 | 4133.09 | 3577.51 | 3082.55 | 2659.73 | 2256.85 | 1907.70 | 1522.47 | 1315.28 |
| 360.0 | 6404.52 | 5928.75 | 5412.30 | 4893.56 | 4392.46 | 3912.08 | 3387.20 | 2882.26 | 2427.98 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 1987.50 | 1610.72 | 1276.91 | 992.99 | 746.66 | 544.84 | 392.90 | 278.25 | 194.76 |
| 30.0 | 1095.05 | 900.90 | 727.47 | 582.44 | 462.73 | 389.83 | 286.39 | 235.43 | 195.14 |
| 60.0 | 611.06 | 458.74 | 353.38 | 273.65 | 215.33 | 169.74 | 137.67 | 114.26 | 99.22 |
| 90.0 | 407.48 | 311.71 | 250.86 | 204.81 | 167.52 | 138.90 | 114.95 | 95.00 | 79.04 |
| 120.0 | 582.90 | 445.00 | 337.26 | 258.68 | 202.97 | 163.61 | 135.21 | 112.73 | 99.30 |
| 150.0 | 1123.44 | 928.53 | 770.45 | 624.64 | 499.56 | 396.73 | 312.55 | 252.62 | 203.05 |
| 180.0 | 2144.82 | 1745.78 | 1412.89 | 1101.49 | 842.43 | 609.30 | 433.57 | 307.72 | 209.72 |
| 210.0 | 1221.97 | 1013.93 | 823.32 | 664.24 | 531.72 | 422.90 | 326.21 | 260.83 | 213.10 |
| 240.0 | 674.52 | 513.38 | 390.59 | 296.74 | 231.13 | 182.02 | 147.49 | 122.32 | 103.37 |
| 270.0 | 397.04 | 310.02 | 246.94 | 204.28 | 167.52 | 138.90 | 114.88 | 94.77 | 79.42 |
| 300.0 | 606.23 | 463.50 | 349.00 | 264.44 | 206.42 | 166.52 | 135.44 | 112.96 | 99.15 |
| 330.0 | 1079.93 | 895.45 | 725.09 | 582.82 | 470.10 | 365.42 | 287.92 | 238.81 | 186.78 |
| 360.0 | 1987.50 | 1610.72 | 1276.91 | 992.99 | 746.66 | 544.84 | 392.90 | 278.25 | 194.76 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 136.52 | 96.15 | 73.98 | 60.16 | 50.72 | 43.97 | 38.29 | 34.46 | 31.46 |
| 30.0 | 146.42 | 99.61 | 73.28 | 59.78 | 49.96 | 43.28 | 38.75 | 35.38 | 32.77 |
| 60.0 | 94.16 | 94.92 | 92.62 | 72.13 | 46.12 | 34.76 | 28.93 | 24.02 | 20.03 |
| 90.0 | 67.22 | 57.40 | 49.04 | 41.06 | 36.14 | 33.46 | 32.08 | 31.46 | 28.47 |
| 120.0 | 96.38 | 96.00 | 87.02 | 68.30 | 49.42 | 36.83 | 29.70 | 24.71 | 20.64 |
| 150.0 | 152.55 | 105.90 | 77.51 | 60.47 | 49.65 | 42.28 | 36.76 | 32.92 | 29.70 |
| 180.0 | 144.73 | 104.44 | 78.04 | 63.16 | 52.87 | 45.43 | 40.29 | 36.07 | 32.77 |
| 210.0 | 170.28 | 122.78 | 83.34 | 64.15 | 53.10 | 45.28 | 40.21 | 36.53 | 33.69 |
| 240.0 | 91.86 | 88.10 | 91.32 | 83.03 | 60.01 | 39.67 | 31.54 | 26.40 | 21.95 |
| 270.0 | 66.84 | 57.55 | 49.19 | 41.13 | 35.76 | 32.84 | 30.93 | 30.08 | 27.70 |
| 300.0 | 94.46 | 98.15 | 87.25 | 69.14 | 53.41 | 37.14 | 29.62 | 24.40 | 20.49 |
| 330.0 | 134.14 | 95.39 | 70.68 | 56.25 | 46.12 | 39.52 | 34.61 | 31.46 | 29.01 |
| 360.0 | 136.52 | 96.15 | 73.98 | 60.16 | 50.72 | 43.97 | 38.29 | 34.46 | 31.46 |

ROLED 投光灯

光强数据表(cd)

附页 第 8页 共8页

| C/γ(°) | 72.0 | 74.0 | 76.0 | 78.0 | 80.0 | 82.0 | 84.0 | 86.0 | 88.0 |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|
| 0.0 | 28.16 | 25.17 | 21.95 | 19.11 | 15.65 | 12.13 | 8.36 | 4.37 | 1.00 |
| 30.0 | 28.32 | 24.48 | 19.95 | 16.42 | 13.28 | 9.82 | 6.22 | 1.46 | 0.46 |
| 60.0 | 16.96 | 14.04 | 11.28 | 8.83 | 7.29 | 4.37 | 1.92 | 1.46 | 0.61 |
| 90.0 | 23.25 | 16.96 | 12.66 | 10.51 | 8.52 | 4.30 | 2.53 | 1.61 | 0.84 |
| 120.0 | 17.34 | 14.35 | 11.51 | 8.90 | 7.44 | 4.91 | 2.23 | 1.69 | 0.69 |
| 150.0 | 26.32 | 22.56 | 19.03 | 14.89 | 11.59 | 8.75 | 5.68 | 2.53 | 0.84 |
| 180.0 | 29.77 | 26.32 | 23.02 | 19.88 | 16.58 | 12.74 | 8.98 | 4.91 | 1.69 |
| 210.0 | 30.39 | 26.32 | 22.48 | 17.96 | 14.66 | 11.28 | 7.44 | 2.84 | 0.92 |
| 240.0 | 18.49 | 15.65 | 12.74 | 9.90 | 8.13 | 5.45 | 2.46 | 1.69 | 1.00 |
| 270.0 | 23.02 | 17.57 | 12.82 | 10.59 | 7.06 | 3.84 | 2.53 | 1.38 | 0.92 |
| 300.0 | 17.34 | 14.43 | 11.51 | 9.06 | 7.52 | 4.53 | 2.07 | 1.38 | 0.84 |
| 330.0 | 25.63 | 21.41 | 17.27 | 13.81 | 10.59 | 7.21 | 4.68 | 1.46 | 0.54 |
| 360.0 | 28.16 | 25.17 | 21.95 | 19.11 | 15.65 | 12.13 | 8.36 | 4.37 | 1.00 |

| C/γ(°) | 90.0 |
|--------|------|
| 0.0 | 0.15 |
| 30.0 | 0.08 |
| 60.0 | 0.08 |
| 90.0 | 0.15 |
| 120.0 | 0.23 |
| 150.0 | 0.23 |
| 180.0 | 0.15 |
| 210.0 | 0.38 |
| 240.0 | 0.15 |
| 270.0 | 0.08 |
| 300.0 | 0.08 |
| 330.0 | 0.15 |
| 360.0 | 0.15 |