

Roled Opto Electronics (China)Co.,Ltd  
Http://www.roled.com.cn  
Email:sensing@sensingm.com  
Tel: 0573-84236688(-121) Fax:+86-0573-84882788  
Address:No.8,HechuangRoad,HuimingStreet, JiashanCounty,Jiaxin City , Zhejiang Province.

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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2611C1.8-27-36DC(10-XPG-27WN-AJ.P1)  
报告编号: 电压(V): 36.0000  
测试编号: 20230313002 电流(A): 3.7360  
光源规格型号: XPG 功率(W): 134.5000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 27 镇流器型号:  
发光面长度(mm): 180 发光面宽度 (mm): 180  
测试模式: C 发光面高度(mm): 0

## 光度结果

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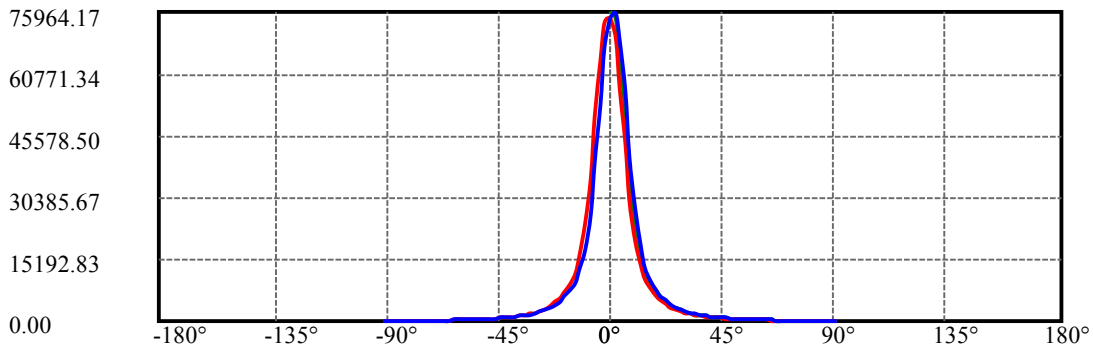
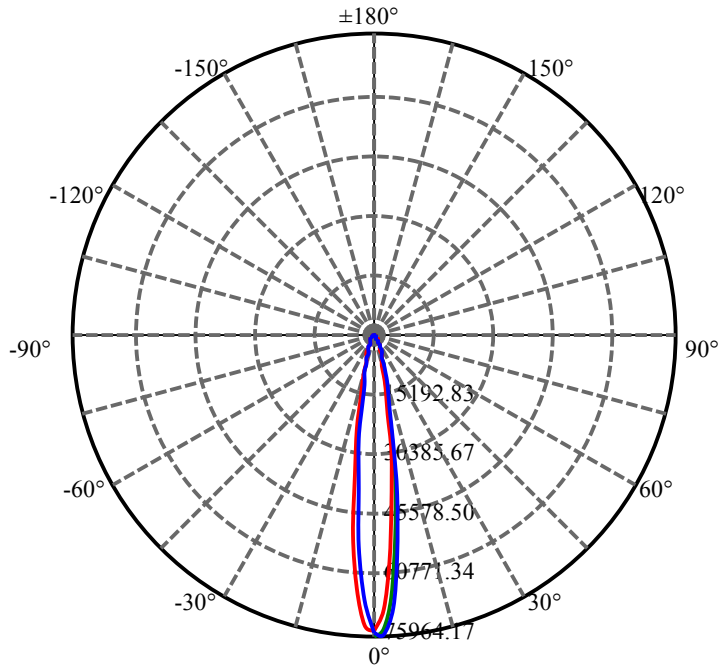
灯具光通量(lm): 10761.11  
灯具效能(lm/w): 80.01  
中心光强(cd): 74580.330  
最大光强(cd): 75964.170  
最大光强角度:  $C=30.0 \gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=14.7  
                                  [C90/270]Total=14.8  
光束扩散角(10%Imax): [C0/180]Total=34.0  
                                  [C90/270]Total=34.3

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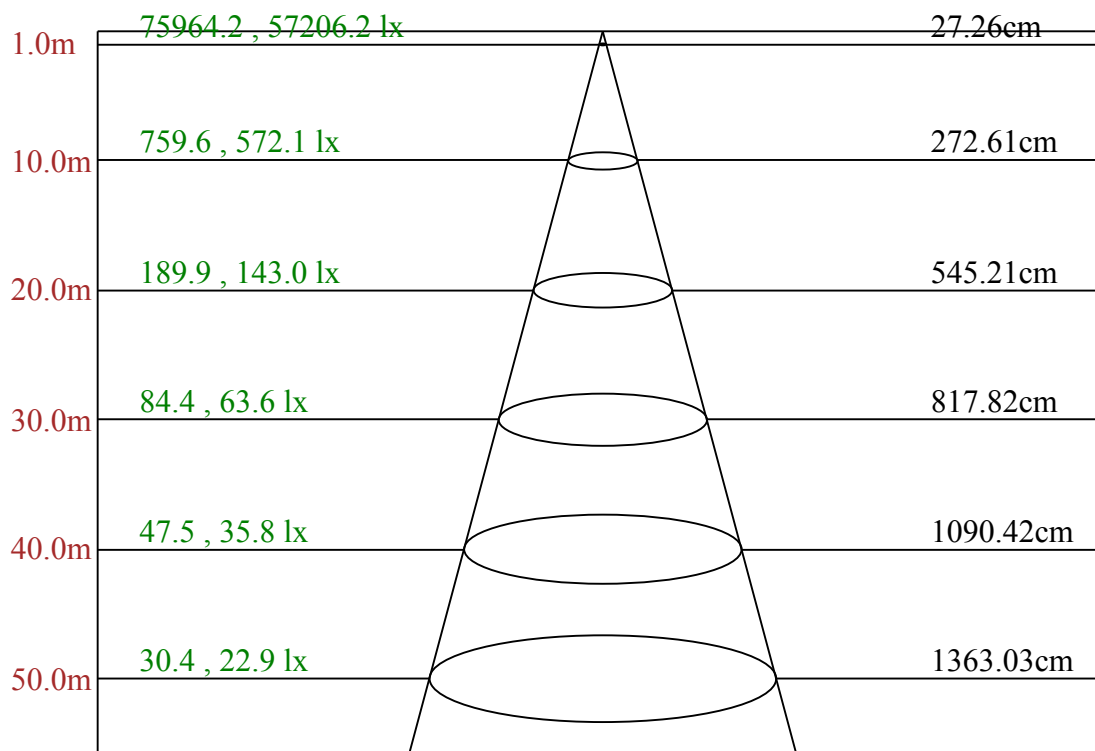
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2023/3/13  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

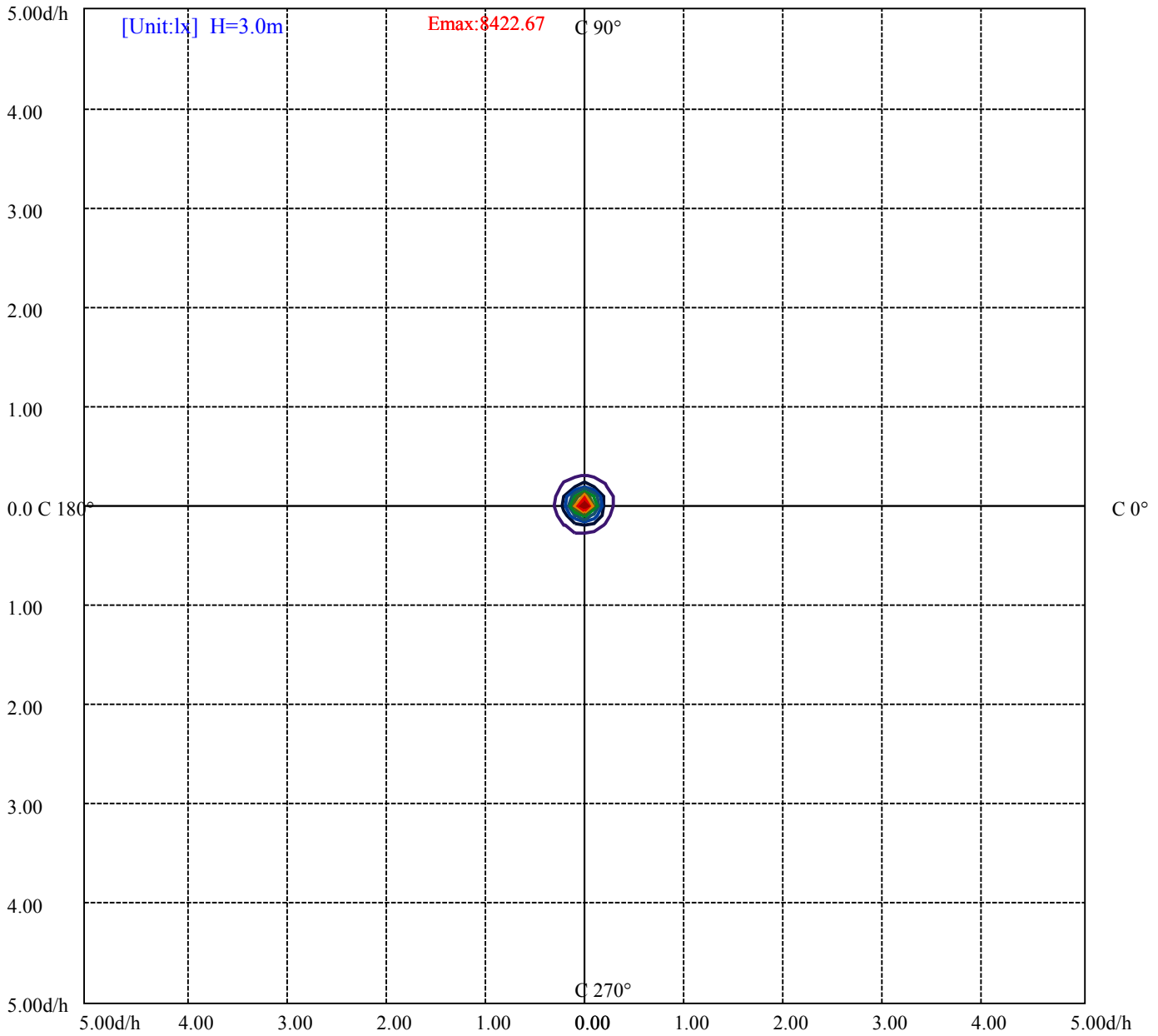


C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C30面光束角15.52

ROLED 投光灯  
平面等照度曲线



|                    |    |
|--------------------|----|
| (10%Emax) 842.2667 | —— |
| (20%Emax) 1684.533 | —— |
| (30%Emax) 2526.8   | —— |
| (40%Emax) 3369.067 | —— |
| (50%Emax) 4211.333 | —— |
| (60%Emax) 5053.6   | —— |
| (70%Emax) 5895.867 | —— |
| (80%Emax) 6738.133 | —— |
| (90%Emax) 7580.4   | —— |

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

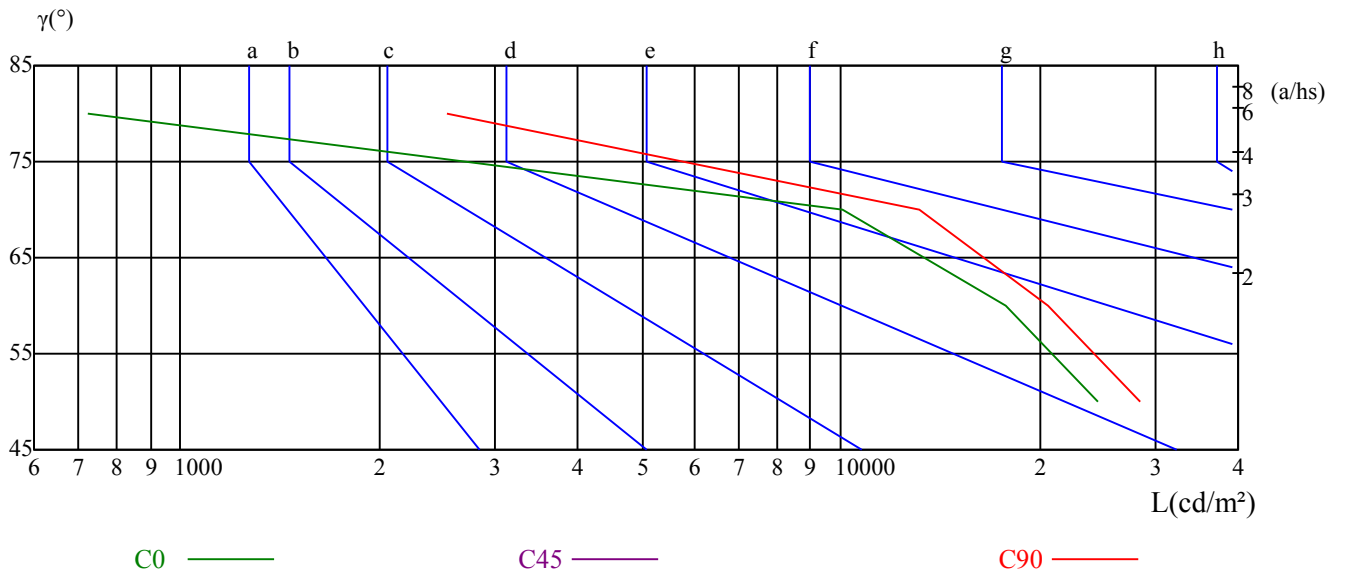
| $\gamma$ | 45 | 50    | 55 | 60    | 65 | 70    | 75 | 80   | 85 |
|----------|----|-------|----|-------|----|-------|----|------|----|
| C0       | 0  | 24585 | 0  | 17843 | 0  | 10068 | 0  | 723  | 0  |
| C45      | 0  | 0     | 0  | 0     | 0  | 0     | 0  | 0    | 0  |
| C90      | 0  | 28489 | 0  | 20560 | 0  | 13128 | 0  | 2536 | 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



ROLED 投光灯

光强数据表(cd)

| C/γ(°) | 0.0      | 2.0      | 4.0      | 6.0      | 8.0      | 10.0     | 12.0     | 14.0     | 16.0    |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 0.0    | 74580.33 | 69209.30 | 57273.68 | 43193.11 | 29579.58 | 20013.79 | 13665.42 | 10240.42 | 7887.89 |
| 30.0   | 75964.17 | 74225.72 | 65801.59 | 51115.59 | 36957.18 | 24736.14 | 17081.78 | 12272.93 | 9297.68 |
| 60.0   | 75644.15 | 74424.65 | 65248.06 | 52214.01 | 37069.61 | 25263.73 | 17080.05 | 12202.01 | 9359.08 |
| 90.0   | 74761.96 | 75358.74 | 68716.31 | 55941.73 | 40797.33 | 27927.62 | 18595.35 | 13051.34 | 9859.86 |
| 120.0  | 74857.10 | 74787.90 | 67220.03 | 54064.90 | 39586.47 | 26414.05 | 17041.99 | 12672.51 | 9483.63 |
| 150.0  | 74199.77 | 74632.22 | 68188.72 | 54739.52 | 40451.37 | 27123.26 | 18422.37 | 12947.55 | 9634.99 |
| 180.0  | 74580.33 | 72945.67 | 64115.04 | 50415.02 | 35547.39 | 24078.82 | 16234.17 | 11786.86 | 8902.42 |
| 210.0  | 75964.17 | 70653.68 | 58648.87 | 43720.70 | 30349.34 | 20178.12 | 14064.14 | 10392.64 | 8179.36 |
| 240.0  | 75644.15 | 69728.24 | 58043.44 | 42942.29 | 29285.51 | 19832.16 | 13656.77 | 10318.26 | 8000.33 |
| 270.0  | 74761.96 | 66969.21 | 53468.12 | 39162.67 | 26223.77 | 17227.08 | 12690.68 | 9538.98  | 7490.03 |
| 300.0  | 74857.10 | 68188.72 | 55163.32 | 40122.71 | 27676.80 | 18439.67 | 13034.04 | 9790.67  | 7723.56 |
| 330.0  | 74199.77 | 67021.10 | 53805.43 | 38955.10 | 26690.81 | 17198.54 | 12653.49 | 9488.82  | 7522.04 |
| 360.0  | 74580.33 | 69209.30 | 57273.68 | 43193.11 | 29579.58 | 20013.79 | 13665.42 | 10240.42 | 7887.89 |
| C/γ(°) | 18.0     | 20.0     | 22.0     | 24.0     | 26.0     | 28.0     | 30.0     | 32.0     | 34.0    |
| 0.0    | 6296.47  | 5128.86  | 4376.39  | 3418.08  | 2811.79  | 2320.53  | 1948.62  | 1664.07  | 1415.84 |
| 30.0   | 7412.19  | 5967.81  | 4826.14  | 3939.62  | 3264.13  | 2690.70  | 2262.58  | 1907.10  | 1623.42 |
| 60.0   | 7387.11  | 5932.35  | 4804.52  | 3962.11  | 3246.83  | 2702.81  | 2256.52  | 1902.78  | 1629.04 |
| 90.0   | 7688.96  | 6158.09  | 4973.18  | 4402.34  | 3353.22  | 2789.30  | 2317.93  | 1948.62  | 1667.53 |
| 120.0  | 7458.03  | 6037.00  | 4878.90  | 3978.54  | 3285.76  | 2699.35  | 2245.28  | 1901.92  | 1622.55 |
| 150.0  | 7611.12  | 6088.90  | 4903.98  | 3988.05  | 3287.48  | 2698.49  | 2255.66  | 1889.81  | 1600.07 |
| 180.0  | 7018.66  | 5620.12  | 4580.51  | 3725.99  | 3041.85  | 2525.51  | 2100.84  | 1712.76  | 1500.86 |
| 210.0  | 6549.02  | 5330.38  | 4317.58  | 3528.79  | 2913.85  | 2405.29  | 2015.22  | 1705.41  | 1466.96 |
| 240.0  | 6478.10  | 5241.29  | 4385.04  | 3495.93  | 2871.47  | 2360.31  | 1977.16  | 1684.83  | 1428.81 |
| 270.0  | 6083.71  | 4910.04  | 3986.32  | 3297.00  | 2700.22  | 2239.23  | 1879.43  | 1608.20  | 1374.76 |
| 300.0  | 6192.68  | 5076.96  | 4385.04  | 3358.41  | 2759.03  | 2294.58  | 1920.08  | 1624.28  | 1393.35 |
| 330.0  | 6043.06  | 4926.47  | 3994.11  | 3269.32  | 2703.68  | 2239.23  | 1881.16  | 1596.00  | 1378.39 |
| 360.0  | 6296.47  | 5128.86  | 4376.39  | 3418.08  | 2811.79  | 2320.53  | 1948.62  | 1664.07  | 1415.84 |
| C/γ(°) | 36.0     | 38.0     | 40.0     | 42.0     | 44.0     | 46.0     | 48.0     | 50.0     | 52.0    |
| 0.0    | 1222.97  | 1070.75  | 932.36   | 821.66   | 724.79   | 643.49   | 572.56   | 512.02   | 455.80  |
| 30.0   | 1397.68  | 1225.56  | 1075.94  | 950.53   | 849.33   | 754.19   | 674.62   | 606.29   | 541.43  |
| 60.0   | 1416.53  | 1234.04  | 1083.89  | 965.92   | 857.63   | 761.63   | 678.34   | 609.84   | 546.44  |
| 90.0   | 1431.41  | 1243.73  | 1085.45  | 958.31   | 842.41   | 747.27   | 664.24   | 593.32   | 525.86  |
| 120.0  | 1395.17  | 1218.73  | 1066.16  | 942.48   | 842.07   | 748.57   | 666.84   | 596.00   | 536.15  |
| 150.0  | 1379.52  | 1184.91  | 1041.34  | 917.66   | 817.33   | 727.38   | 647.81   | 581.21   | 518.08  |
| 180.0  | 1295.19  | 1117.71  | 979.24   | 858.07   | 755.23   | 668.05   | 596.52   | 529.84   | 471.20  |
| 210.0  | 1266.21  | 1107.33  | 973.19   | 865.25   | 768.29   | 689.84   | 617.97   | 552.33   | 499.13  |
| 240.0  | 1242.86  | 1081.99  | 948.80   | 843.28   | 754.19   | 672.03   | 601.11   | 539.70   | 479.15  |
| 270.0  | 1198.23  | 1040.73  | 914.72   | 814.48   | 718.73   | 636.65   | 566.77   | 507.00   | 452.43  |
| 300.0  | 1204.81  | 1060.37  | 925.44   | 826.84   | 736.89   | 656.46   | 589.00   | 527.59   | 472.24  |
| 330.0  | 1195.55  | 1049.12  | 924.15   | 819.58   | 724.61   | 649.11   | 580.95   | 519.20   | 466.87  |
| 360.0  | 1222.97  | 1070.75  | 932.36   | 821.66   | 724.79   | 643.49   | 572.56   | 512.02   | 455.80  |
| C/γ(°) | 54.0     | 56.0     | 58.0     | 60.0     | 62.0     | 64.0     | 66.0     | 68.0     | 70.0    |
| 0.0    | 407.37   | 363.00   | 325.55   | 289.05   | 252.20   | 215.36   | 177.74   | 142.79   | 111.57  |
| 30.0   | 480.88   | 437.64   | 381.85   | 335.24   | 292.42   | 249.70   | 208.01   | 168.74   | 136.14  |
| 60.0   | 490.14   | 434.09   | 381.51   | 337.14   | 293.81   | 252.72   | 212.33   | 173.84   | 135.53  |
| 90.0   | 468.78   | 418.87   | 372.60   | 333.07   | 298.82   | 262.32   | 217.52   | 175.75   | 145.48  |
| 120.0  | 478.55   | 424.67   | 377.01   | 330.22   | 286.80   | 246.15   | 208.44   | 171.51   | 137.43  |
| 150.0  | 460.99   | 412.64   | 367.84   | 324.16   | 284.21   | 243.56   | 204.38   | 166.06   | 135.01  |
| 180.0  | 421.98   | 374.67   | 335.49   | 299.26   | 263.88   | 228.59   | 193.65   | 158.02   | 125.93  |
| 210.0  | 446.89   | 396.04   | 347.00   | 302.63   | 259.21   | 222.54   | 186.21   | 149.37   | 114.95  |
| 240.0  | 437.64   | 383.32   | 340.51   | 299.08   | 260.08   | 219.17   | 180.76   | 143.75   | 111.14  |
| 270.0  | 408.06   | 362.74   | 320.70   | 282.91   | 244.94   | 211.04   | 174.10   | 136.74   | 106.82  |
| 300.0  | 438.50   | 374.16   | 325.81   | 285.42   | 246.84   | 207.32   | 171.60   | 134.75   | 103.18  |
| 330.0  | 413.94   | 365.42   | 319.41   | 279.54   | 241.83   | 204.64   | 168.40   | 129.30   | 100.07  |
| 360.0  | 407.37   | 363.00   | 325.55   | 289.05   | 252.20   | 215.36   | 177.74   | 142.79   | 111.57  |

# ROLED 投光灯

## 光强数据表(cd)

附页 第 7页 共7页

| C/γ(°) | 72.0   | 74.0  | 76.0  | 78.0  | 80.0  | 82.0 | 84.0 | 86.0 | 88.0 |
|--------|--------|-------|-------|-------|-------|------|------|------|------|
| 0.0    | 82.77  | 55.18 | 32.52 | 15.40 | 4.07  | 1.47 | 1.30 | 1.04 | 0.61 |
| 30.0   | 103.36 | 71.18 | 49.73 | 25.86 | 11.94 | 2.85 | 1.73 | 1.30 | 0.95 |
| 60.0   | 103.27 | 76.89 | 46.19 | 27.76 | 11.50 | 3.37 | 1.73 | 1.38 | 0.95 |
| 90.0   | 112.87 | 80.09 | 52.85 | 31.05 | 14.27 | 2.94 | 1.56 | 1.30 | 0.95 |
| 120.0  | 105.34 | 77.41 | 48.52 | 30.10 | 13.41 | 4.50 | 1.82 | 1.56 | 1.21 |
| 150.0  | 105.52 | 73.00 | 50.16 | 30.36 | 15.05 | 4.67 | 1.90 | 1.56 | 1.12 |
| 180.0  | 97.13  | 67.55 | 43.07 | 23.35 | 9.25  | 1.90 | 1.47 | 1.38 | 1.04 |
| 210.0  | 87.53  | 60.80 | 34.60 | 20.84 | 7.44  | 2.08 | 1.64 | 1.30 | 0.86 |
| 240.0  | 83.64  | 56.82 | 37.19 | 17.21 | 6.40  | 1.90 | 1.64 | 1.30 | 0.78 |
| 270.0  | 79.83  | 51.38 | 29.06 | 12.45 | 3.11  | 1.56 | 1.47 | 1.12 | 0.61 |
| 300.0  | 75.59  | 51.63 | 29.58 | 15.48 | 4.24  | 1.90 | 1.56 | 1.04 | 0.52 |
| 330.0  | 77.58  | 46.70 | 28.37 | 13.15 | 3.98  | 1.73 | 1.47 | 1.04 | 0.43 |
| 360.0  | 82.77  | 55.18 | 32.52 | 15.40 | 4.07  | 1.47 | 1.30 | 1.04 | 0.61 |

| C/γ(°) | 90.0 |
|--------|------|
| 0.0    | 0.35 |
| 30.0   | 0.26 |
| 60.0   | 0.43 |
| 90.0   | 0.52 |
| 120.0  | 0.52 |
| 150.0  | 0.61 |
| 180.0  | 0.43 |
| 210.0  | 0.26 |
| 240.0  | 0.35 |
| 270.0  | 0.26 |
| 300.0  | 0.26 |
| 330.0  | 0.35 |
| 360.0  | 0.35 |