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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2231B8-1-24DC-RC-Y(12-OST-1RGBWN-AJ.P4)  
报告编号: 电压(V): 23.8000  
测试编号: 20221216001 电流(A): 0.6250  
光源规格型号: OST 功率(W): 14.8000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 1 镇流器型号:  
发光面长度(mm): 55 发光面宽度 (mm): 55  
测试模式: C 发光面高度(mm): 0

## 光度结果

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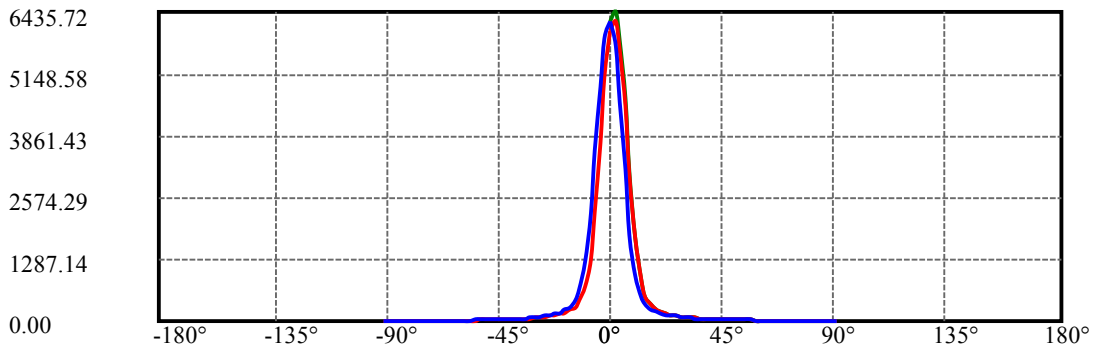
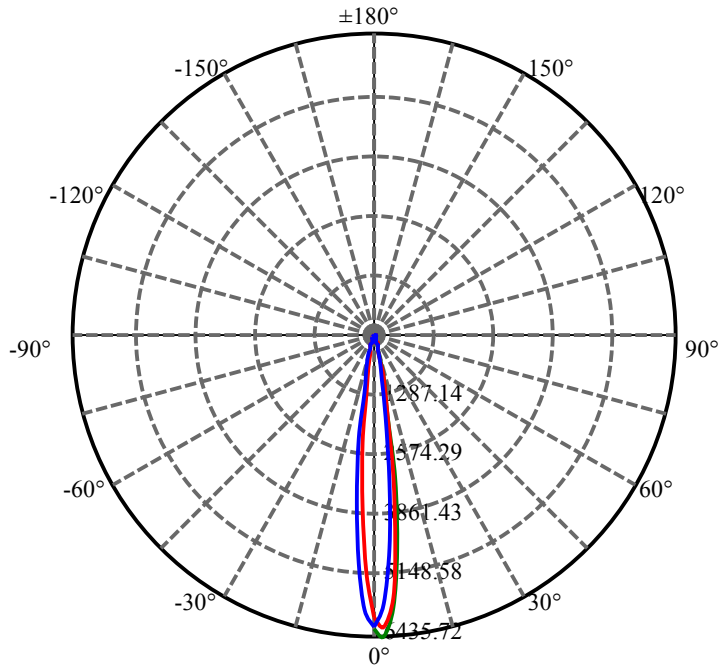
灯具光通量(lm): 549.48  
灯具效能(lm/w): 37.13  
中心光强(cd): 6033.543  
最大光强(cd): 6435.722  
最大光强角度:  $C=30.0 \gamma=2.0$   
半峰边角(50%Imax): [C0/180]Total=13.0  
                                  [C90/270]Total=12.8  
光束扩散角(10%Imax): [C0/180]Total=24.4  
                                  [C90/270]Total=24.1

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测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2022/12/16  
环境湿度(%): 60.0%

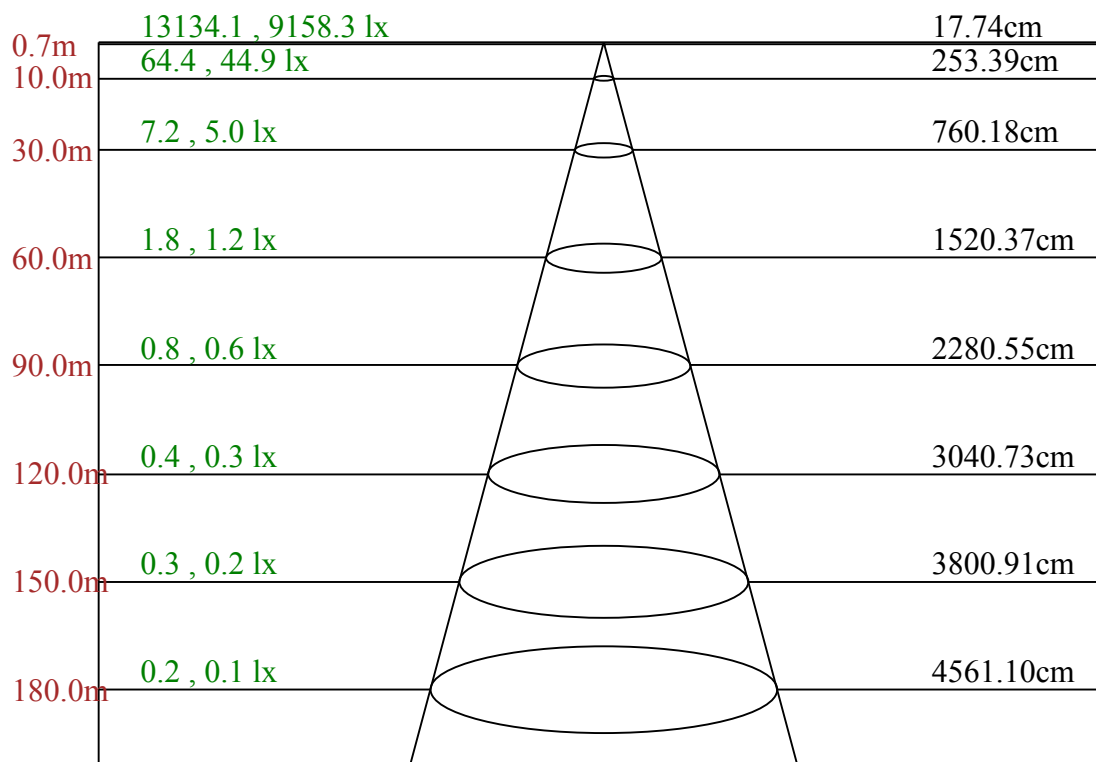
测试人员: 安培楼  
测试距离(m): 9.30



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

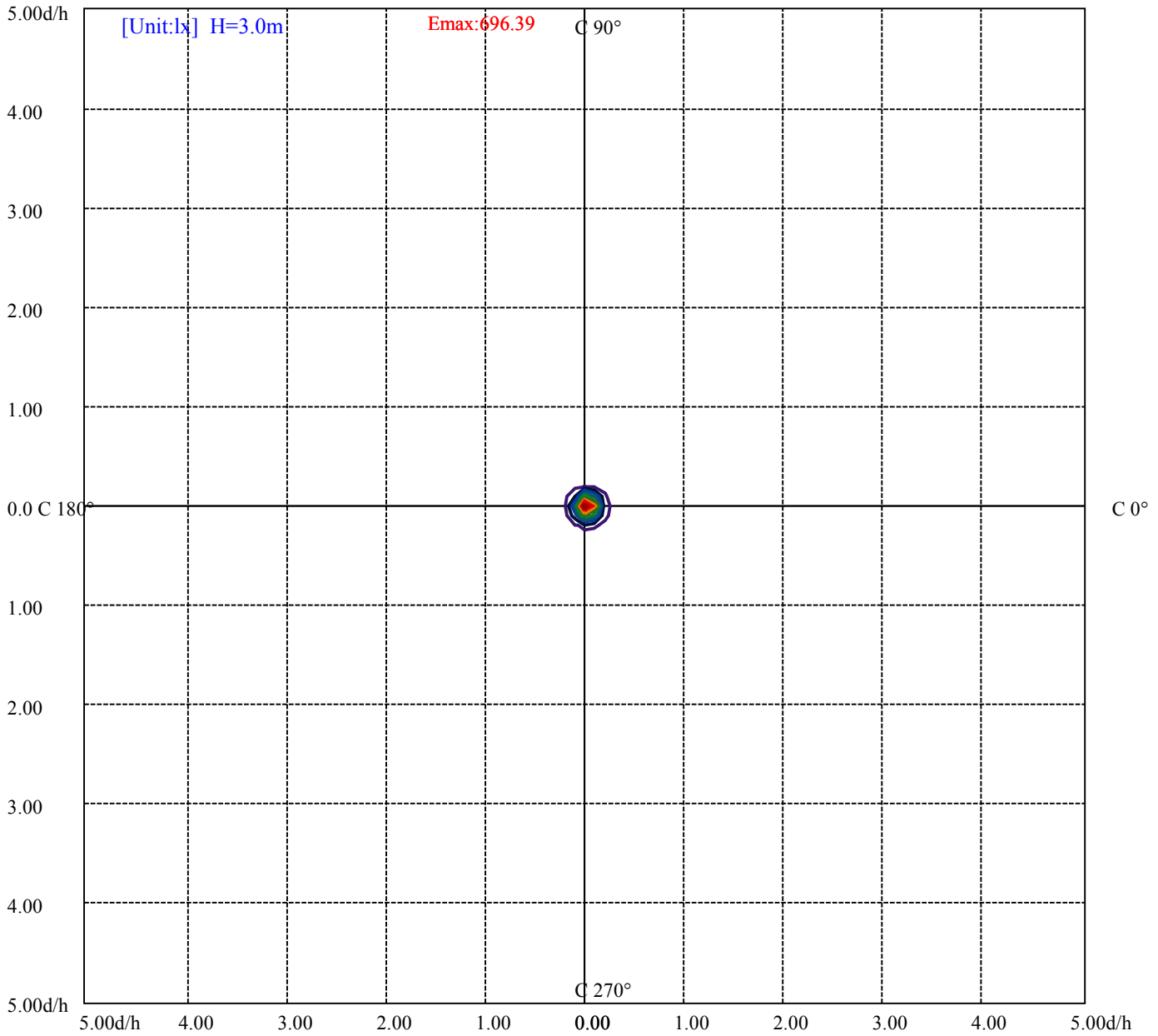
# ROLED 投光灯

## 照度距离图表



Max , Ave    C30面光束角14.43

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 69.63889
- (20%Emax) 139.2778
- (30%Emax) 208.9167
- (40%Emax) 278.5555
- (50%Emax) 348.1945
- (60%Emax) 417.8333
- (70%Emax) 487.4722
- (80%Emax) 557.1111
- (90%Emax) 626.75

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测试人员: 安培楼  
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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共 7页

亮度值表

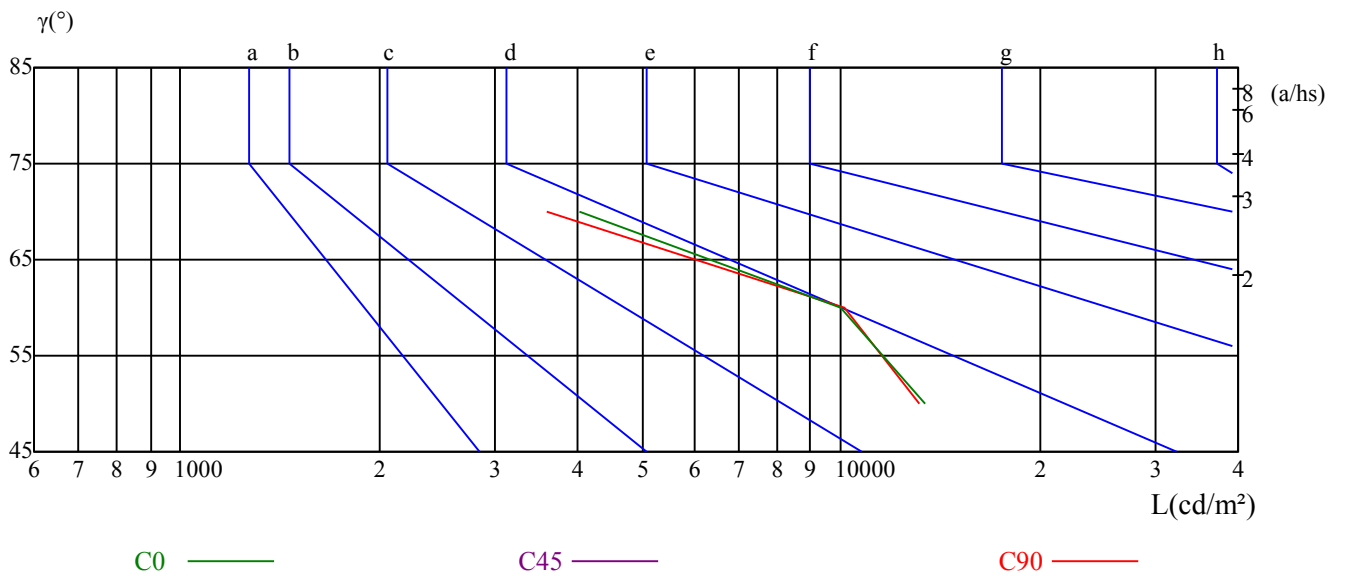
| $\gamma$ | 45 | 50    | 55 | 60    | 65 | 70   | 75 | 80 | 85 |
|----------|----|-------|----|-------|----|------|----|----|----|
| C0       | 0  | 13433 | 0  | 10007 | 0  | 4013 | 0  | 0  | 0  |
| C45      | 0  | 0     | 0  | 0     | 0  | 0    | 0  | 0  | 0  |
| C90      | 0  | 13166 | 0  | 10121 | 0  | 3595 | 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       |

眩光等级表

| 眩光等级 | 质量等级 | 使用照度(lx) |      |      |            |            |            |            |            |
|------|------|----------|------|------|------------|------------|------------|------------|------------|
| 1.15 | A    | 2000     | 1000 | 500  | $\leq 300$ |            |            |            |            |
| 1.5  | B    |          | 2000 | 1000 | 500        | $\leq 300$ |            |            |            |
| 1.85 | C    |          |      | 2000 | 1000       | 500        | $\leq 300$ |            |            |
| 2.2  | D    |          |      |      | 2000       | 1000       | 500        | $\leq 300$ |            |
| 2.55 | E    |          |      |      |            | 2000       | 1000       | 500        | $\leq 300$ |
|      |      | a        | b    | c    | d          | e          | f          | g          | h          |

亮度限制曲线



测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2022/12/16  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

ROLED 投光灯

光强数据表(cd)

附页 第6页 共7页

|        |         |         |         |         |         |         |         |        |        |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| C/γ(°) | 0.0     | 2.0     | 4.0     | 6.0     | 8.0     | 10.0    | 12.0    | 14.0   | 16.0   |
| 0.0    | 6033.54 | 6244.58 | 5622.71 | 4476.72 | 3038.39 | 1767.86 | 928.04  | 534.51 | 343.62 |
| 30.0   | 6251.50 | 6435.72 | 5825.10 | 4622.89 | 3111.05 | 1744.50 | 934.09  | 517.21 | 341.81 |
| 60.0   | 6283.50 | 6031.81 | 5042.37 | 3723.39 | 2261.71 | 1237.84 | 647.64  | 394.39 | 283.60 |
| 90.0   | 6229.01 | 5730.83 | 4568.40 | 3156.02 | 1796.40 | 947.07  | 531.05  | 352.36 | 257.57 |
| 120.0  | 6139.93 | 5159.13 | 3764.91 | 2317.07 | 1270.97 | 678.95  | 428.30  | 301.85 | 232.31 |
| 150.0  | 6203.06 | 5191.99 | 3748.48 | 2315.34 | 1276.59 | 685.00  | 441.10  | 299.69 | 228.33 |
| 180.0  | 6033.54 | 5073.50 | 3709.56 | 2293.71 | 1292.59 | 700.05  | 423.46  | 296.40 | 224.10 |
| 210.0  | 6251.50 | 5352.00 | 4060.71 | 2518.59 | 1404.60 | 731.19  | 429.77  | 297.35 | 227.04 |
| 240.0  | 6283.50 | 5706.61 | 4646.24 | 3189.75 | 1856.08 | 1011.93 | 552.67  | 354.87 | 256.53 |
| 270.0  | 6229.01 | 5884.78 | 4894.47 | 3574.63 | 2227.12 | 1242.69 | 691.66  | 437.03 | 296.23 |
| 300.0  | 6139.93 | 6230.74 | 5553.52 | 4335.74 | 2995.15 | 1794.67 | 998.09  | 594.19 | 440.23 |
| 330.0  | 6203.06 | 6350.96 | 5653.85 | 4493.16 | 3108.45 | 1686.99 | 1019.46 | 607.94 | 385.49 |
| 360.0  | 6033.54 | 6244.58 | 5622.71 | 4476.72 | 3038.39 | 1767.86 | 928.04  | 534.51 | 343.62 |
| C/γ(°) | 18.0    | 20.0    | 22.0    | 24.0    | 26.0    | 28.0    | 30.0    | 32.0   | 34.0   |
| 0.0    | 246.93  | 195.64  | 158.97  | 132.16  | 110.27  | 95.31   | 82.17   | 72.05  | 62.96  |
| 30.0   | 250.73  | 196.85  | 161.04  | 135.01  | 113.65  | 97.39   | 85.19   | 73.78  | 64.61  |
| 60.0   | 218.30  | 176.70  | 146.43  | 123.33  | 104.83  | 90.81   | 79.48   | 69.02  | 60.37  |
| 90.0   | 203.34  | 167.96  | 139.34  | 117.37  | 100.41  | 87.61   | 76.37   | 66.77  | 58.64  |
| 120.0  | 187.51  | 156.11  | 129.48  | 109.50  | 95.31   | 82.86   | 72.48   | 63.22  | 55.27  |
| 150.0  | 185.95  | 153.35  | 127.57  | 108.37  | 93.93   | 81.56   | 70.84   | 61.93  | 54.06  |
| 180.0  | 178.77  | 146.60  | 123.16  | 104.13  | 89.34   | 78.19   | 67.89   | 59.07  | 51.63  |
| 210.0  | 179.38  | 147.29  | 122.82  | 102.84  | 88.83   | 76.98   | 67.20   | 59.07  | 51.72  |
| 240.0  | 199.96  | 161.91  | 134.41  | 111.40  | 94.88   | 81.99   | 71.44   | 62.36  | 54.66  |
| 270.0  | 224.18  | 178.69  | 145.82  | 121.86  | 103.36  | 88.83   | 76.72   | 67.20  | 58.47  |
| 300.0  | 274.95  | 213.72  | 171.94  | 140.20  | 117.37  | 101.02  | 86.58   | 75.07  | 65.47  |
| 330.0  | 271.15  | 211.12  | 169.26  | 140.03  | 117.19  | 99.72   | 86.06   | 74.64  | 64.95  |
| 360.0  | 246.93  | 195.64  | 158.97  | 132.16  | 110.27  | 95.31   | 82.17   | 72.05  | 62.96  |
| C/γ(°) | 36.0    | 38.0    | 40.0    | 42.0    | 44.0    | 46.0    | 48.0    | 50.0   | 52.0   |
| 0.0    | 54.83   | 48.43   | 43.07   | 38.40   | 34.51   | 31.31   | 28.54   | 26.12  | 23.96  |
| 30.0   | 56.22   | 49.56   | 43.94   | 39.44   | 35.29   | 31.83   | 29.23   | 26.64  | 24.30  |
| 60.0   | 52.93   | 46.88   | 42.03   | 37.80   | 33.99   | 30.88   | 28.46   | 26.12  | 23.96  |
| 90.0   | 51.46   | 45.67   | 40.74   | 36.84   | 33.21   | 30.44   | 28.02   | 25.60  | 23.61  |
| 120.0  | 48.61   | 43.25   | 39.09   | 35.03   | 32.00   | 29.41   | 26.90   | 24.65  | 22.66  |
| 150.0  | 47.57   | 42.29   | 38.06   | 34.16   | 30.96   | 28.46   | 26.03   | 23.87  | 21.88  |
| 180.0  | 45.67   | 40.48   | 36.33   | 32.61   | 29.58   | 27.24   | 25.00   | 22.75  | 20.93  |
| 210.0  | 46.10   | 41.26   | 37.28   | 33.30   | 30.53   | 28.11   | 25.86   | 23.61  | 21.54  |
| 240.0  | 48.35   | 42.99   | 38.66   | 34.51   | 31.48   | 28.89   | 26.64   | 24.48  | 22.31  |
| 270.0  | 51.63   | 45.67   | 40.56   | 36.50   | 32.95   | 29.84   | 27.50   | 25.17  | 23.09  |
| 300.0  | 56.56   | 49.56   | 43.76   | 39.09   | 35.11   | 31.66   | 28.97   | 26.38  | 24.13  |
| 330.0  | 56.56   | 49.90   | 44.02   | 39.09   | 35.03   | 31.66   | 28.97   | 26.47  | 24.13  |
| 360.0  | 54.83   | 48.43   | 43.07   | 38.40   | 34.51   | 31.31   | 28.54   | 26.12  | 23.96  |
| C/γ(°) | 54.0    | 56.0    | 58.0    | 60.0    | 62.0    | 64.0    | 66.0    | 68.0   | 70.0   |
| 0.0    | 21.88   | 20.33   | 18.25   | 15.14   | 12.37   | 10.03   | 8.04    | 6.14   | 4.15   |
| 30.0   | 22.31   | 20.58   | 18.85   | 17.04   | 15.05   | 12.28   | 9.60    | 7.35   | 5.45   |
| 60.0   | 21.97   | 20.41   | 18.77   | 16.87   | 15.14   | 12.80   | 9.86    | 7.44   | 5.36   |
| 90.0   | 21.80   | 20.07   | 18.25   | 15.31   | 12.20   | 9.77    | 7.78    | 5.79   | 3.72   |
| 120.0  | 20.93   | 19.29   | 17.64   | 15.74   | 13.84   | 10.72   | 8.30    | 6.05   | 4.15   |
| 150.0  | 20.24   | 18.60   | 16.87   | 15.14   | 13.06   | 10.29   | 7.70    | 5.54   | 3.81   |
| 180.0  | 19.29   | 17.64   | 14.96   | 11.94   | 9.60    | 7.44    | 5.62    | 3.89   | 2.25   |
| 210.0  | 19.98   | 18.34   | 16.52   | 14.70   | 12.71   | 9.95    | 7.52    | 5.71   | 3.72   |
| 240.0  | 20.58   | 18.85   | 17.04   | 15.14   | 13.06   | 10.47   | 8.04    | 6.05   | 4.24   |
| 270.0  | 21.10   | 19.29   | 15.91   | 13.15   | 10.81   | 8.74    | 6.75    | 4.93   | 2.94   |
| 300.0  | 21.88   | 19.98   | 17.99   | 16.26   | 13.92   | 11.07   | 8.82    | 6.75   | 4.67   |
| 330.0  | 22.05   | 20.24   | 18.25   | 16.26   | 14.27   | 11.59   | 8.99    | 6.92   | 5.02   |
| 360.0  | 21.88   | 20.33   | 18.25   | 15.14   | 12.37   | 10.03   | 8.04    | 6.14   | 4.15   |

# 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    | 2.51 | 1.21 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30.0   | 3.63 | 1.99 | 0.69 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 60.0   | 3.55 | 1.82 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90.0   | 1.99 | 0.78 | 0.09 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 120.0  | 2.42 | 0.95 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150.0  | 2.08 | 0.78 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0  | 0.95 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 210.0  | 1.90 | 0.61 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 240.0  | 2.42 | 0.95 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0  | 1.38 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.0  | 2.85 | 1.30 | 0.35 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 |
| 330.0  | 3.11 | 1.64 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 360.0  | 2.51 | 1.21 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

|        |      |
|--------|------|
| C/γ(°) | 90.0 |
| 0.0    | 0.00 |
| 30.0   | 0.00 |
| 60.0   | 0.00 |
| 90.0   | 0.00 |
| 120.0  | 0.00 |
| 150.0  | 0.00 |
| 180.0  | 0.00 |
| 210.0  | 0.00 |
| 240.0  | 0.00 |
| 270.0  | 0.00 |
| 300.0  | 0.00 |
| 330.0  | 0.00 |
| 360.0  | 0.00 |