

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.

ROLED

灯具名称: 投光灯
灯具描述: FWK2211C1.8-3-24DC(15-XPG-3WN-AJ.P1)
报告编号: 电压(V): 23.7000
测试编号: 20221215004 电流(A): 0.8070
光源规格型号: XPG 功率(W): 19.1000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 3 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

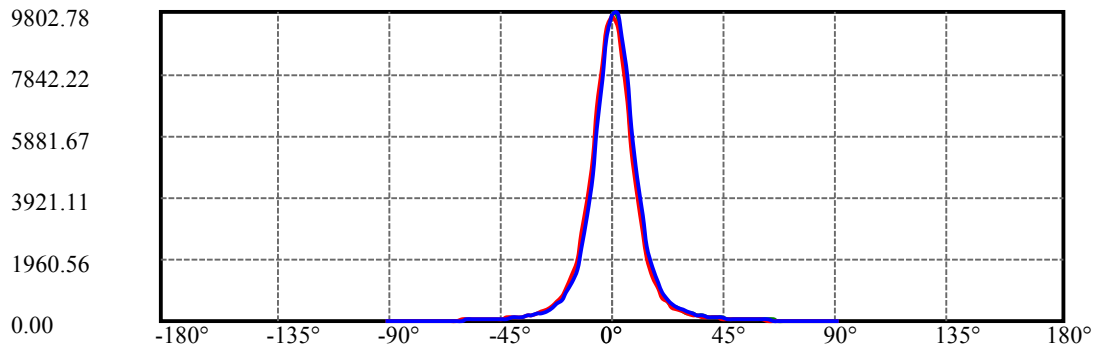
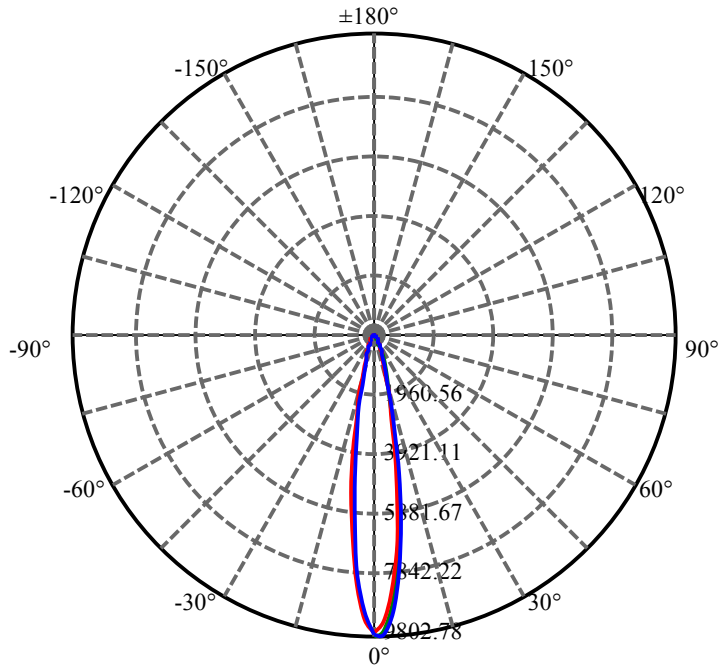
光度结果

灯具光通量(lm): 1551.10
灯具效能(lm/w): 81.21
中心光强(cd): 9692.069
最大光强(cd): 9802.777
最大光强角度: C=60.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=17.3
 [C90/270]Total=17.3
光束扩散角(10%Imax): [C0/180]Total=36.9
 [C90/270]Total=37.0

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/15
环境湿度(%): 60.0%

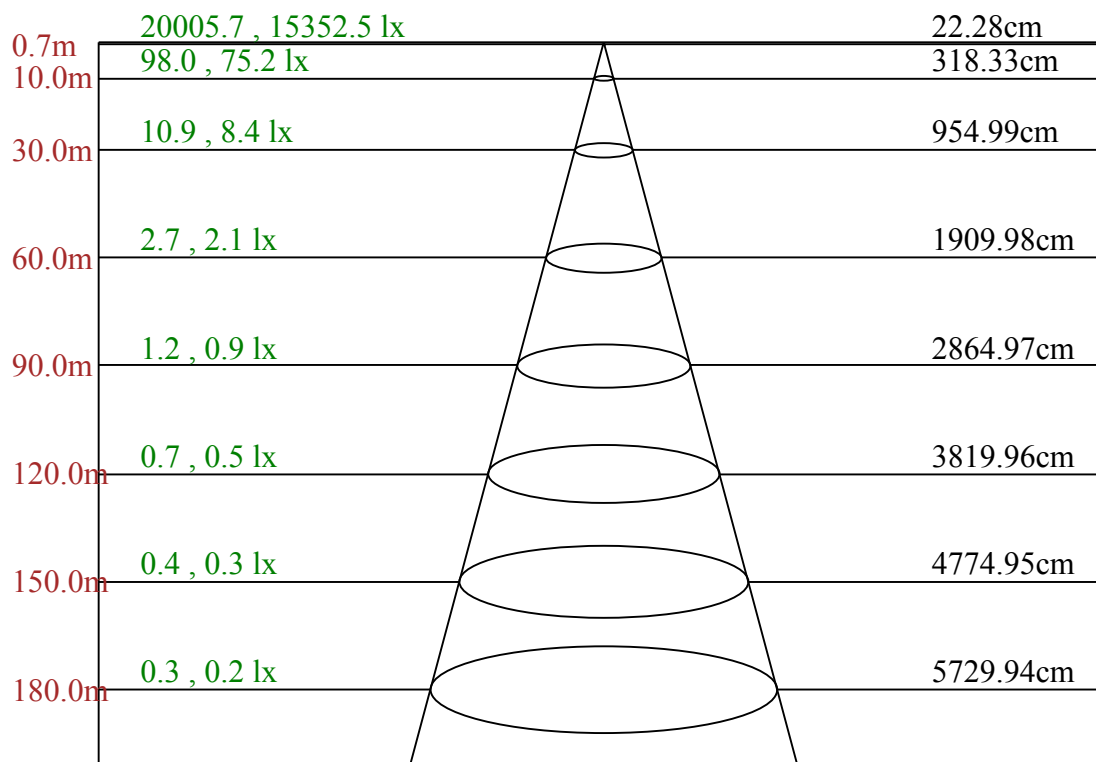
测试人员: 安培楼
测试距离(m): 9.30



C60(Max): ——
C0/C180: ——
C90/C270: ——

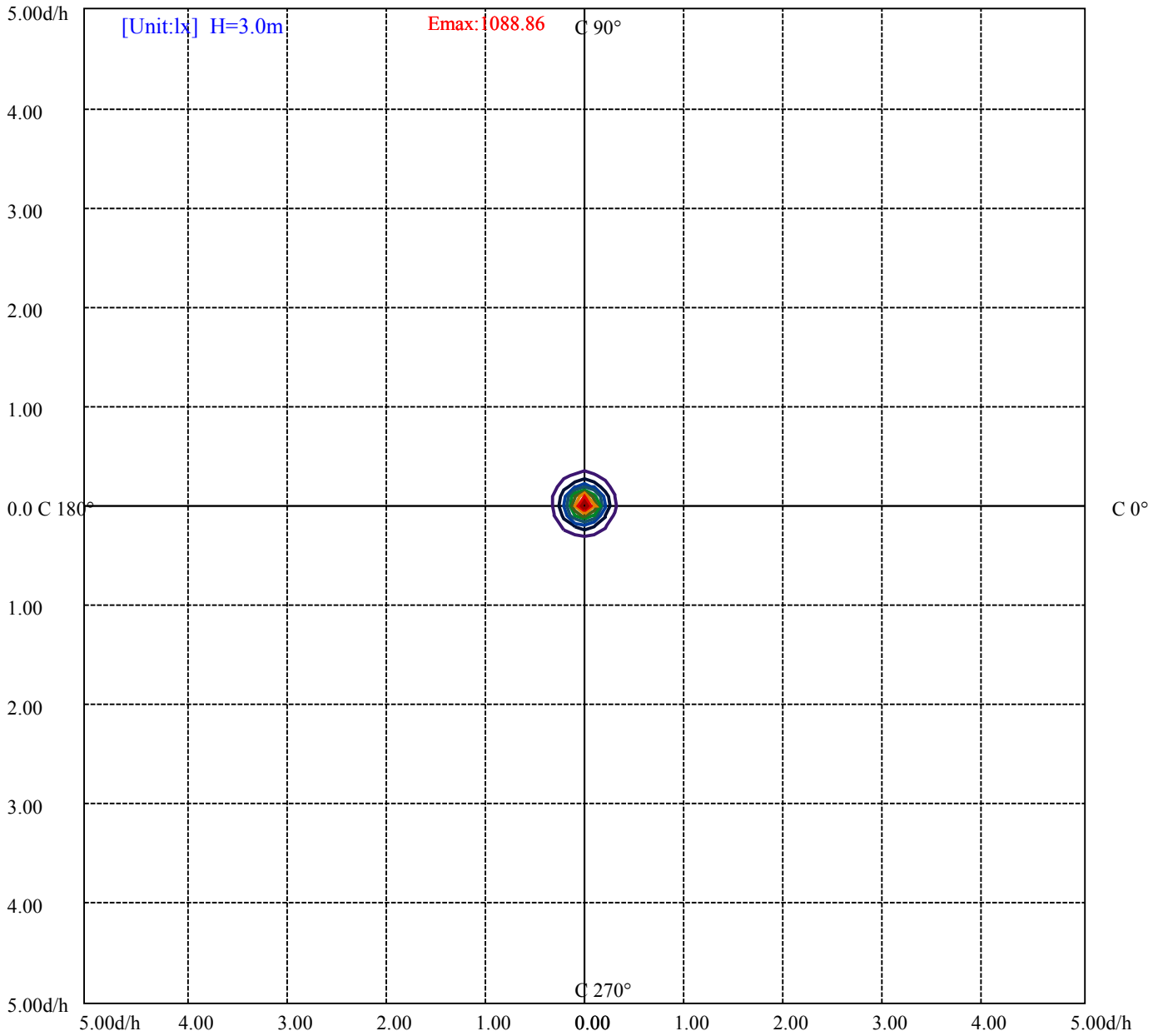
ROLED 投光灯

照度距离图表



Max, Ave C60面光束角18.09

ROLED 投光灯
平面等照度曲线



- (10%Emax) 108.8859
- (20%Emax) 217.7722
- (30%Emax) 326.6578
- (40%Emax) 435.5433
- (50%Emax) 544.43
- (60%Emax) 653.3156
- (70%Emax) 762.2011
- (80%Emax) 871.0878
- (90%Emax) 979.9733

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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)

亮度值表

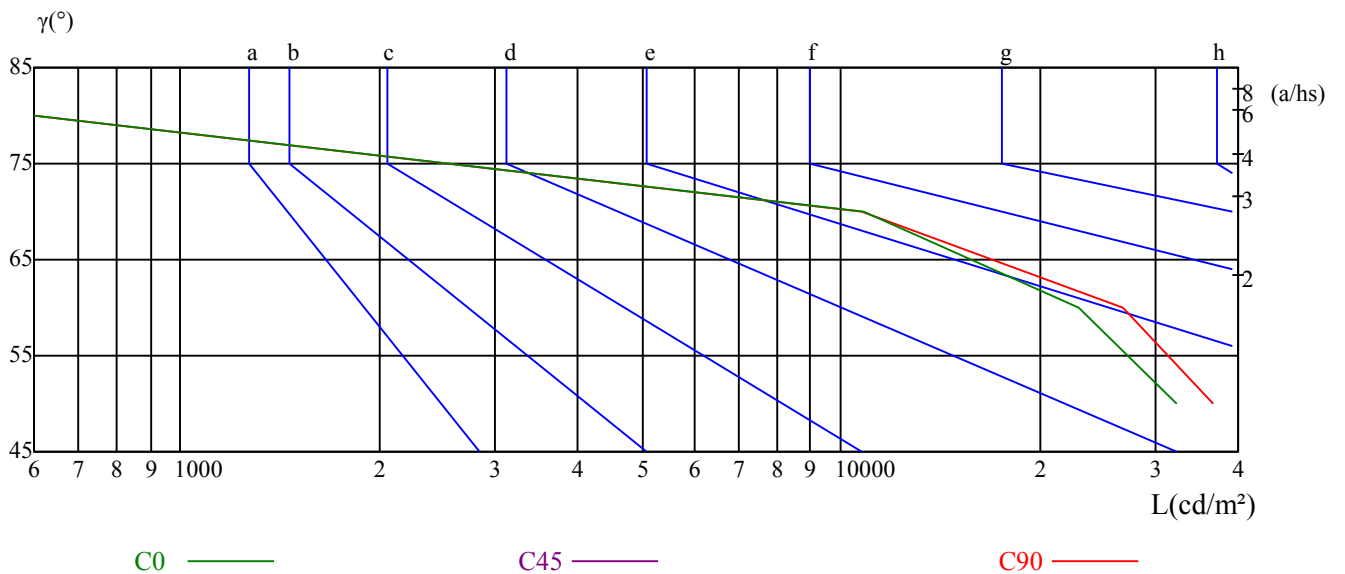
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|-------|----|-------|----|-------|----|-----|-----|
| C0 | 0 | 32293 | 0 | 22873 | 0 | 10868 | 0 | 329 | 164 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 36563 | 0 | 26819 | 0 | 10784 | 0 | 494 | 0 |

| 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 | 9692.07 | 9334.87 | 8381.75 | 6913.15 | 5428.98 | 4003.62 | 2822.17 | 1981.49 | 1401.14 |
| 30.0 | 9796.72 | 9533.79 | 8602.30 | 7202.89 | 5602.82 | 4133.36 | 3011.58 | 2111.22 | 1495.41 |
| 60.0 | 9802.78 | 9605.58 | 8628.24 | 7267.75 | 5672.01 | 4276.07 | 3047.04 | 2137.17 | 1550.51 |
| 90.0 | 9730.13 | 9737.04 | 9010.53 | 7710.58 | 6120.03 | 4585.70 | 3366.19 | 2362.04 | 1696.07 |
| 120.0 | 9767.32 | 9639.31 | 8742.41 | 7419.98 | 5832.02 | 4417.91 | 3170.72 | 2228.85 | 1621.69 |
| 150.0 | 9694.66 | 9588.28 | 8727.71 | 7394.03 | 5812.99 | 4398.88 | 3176.78 | 2234.90 | 1612.17 |
| 180.0 | 9692.07 | 9233.67 | 8143.03 | 6751.41 | 5191.99 | 3825.45 | 2774.60 | 1965.05 | 1442.48 |
| 210.0 | 9796.72 | 9273.46 | 8175.03 | 6629.42 | 5161.72 | 3764.91 | 2651.78 | 1698.92 | 1373.63 |
| 240.0 | 9802.78 | 9221.56 | 8015.89 | 6534.32 | 4978.36 | 3678.42 | 2530.70 | 1818.88 | 1300.81 |
| 270.0 | 9730.13 | 8968.15 | 7685.50 | 6075.06 | 4642.78 | 3334.19 | 2331.77 | 1669.00 | 1212.07 |
| 300.0 | 9767.32 | 9113.45 | 7935.46 | 6356.15 | 4807.11 | 3540.04 | 2482.26 | 1751.42 | 1253.24 |
| 330.0 | 9694.66 | 9067.61 | 7886.16 | 6315.50 | 4794.14 | 3513.22 | 2454.59 | 1714.66 | 1239.49 |
| 360.0 | 9692.07 | 9334.87 | 8381.75 | 6913.15 | 5428.98 | 4003.62 | 2822.17 | 1981.49 | 1401.14 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 1020.58 | 755.92 | 585.54 | 454.94 | 361.87 | 292.94 | 242.60 | 203.51 | 172.29 |
| 30.0 | 1101.02 | 812.14 | 621.00 | 485.21 | 388.17 | 313.27 | 260.42 | 217.35 | 183.62 |
| 60.0 | 1121.95 | 826.33 | 632.24 | 501.30 | 396.64 | 322.87 | 264.23 | 220.29 | 186.65 |
| 90.0 | 1221.24 | 898.63 | 682.41 | 538.83 | 439.37 | 342.85 | 283.43 | 233.61 | 198.15 |
| 120.0 | 1175.23 | 869.66 | 664.85 | 524.04 | 412.82 | 334.89 | 273.74 | 225.91 | 190.45 |
| 150.0 | 1170.21 | 861.44 | 654.73 | 515.48 | 438.50 | 327.45 | 267.34 | 220.38 | 185.95 |
| 180.0 | 1037.97 | 786.28 | 605.69 | 477.08 | 375.80 | 302.80 | 251.34 | 208.96 | 176.27 |
| 210.0 | 995.85 | 750.73 | 583.46 | 453.55 | 362.13 | 293.11 | 243.90 | 204.81 | 175.06 |
| 240.0 | 956.58 | 717.87 | 553.54 | 441.10 | 347.95 | 283.00 | 232.40 | 197.54 | 167.36 |
| 270.0 | 885.74 | 674.45 | 526.46 | 409.44 | 329.96 | 267.86 | 223.23 | 187.86 | 158.97 |
| 300.0 | 926.31 | 697.11 | 537.97 | 440.23 | 338.26 | 275.30 | 228.16 | 191.58 | 162.51 |
| 330.0 | 910.83 | 687.77 | 535.37 | 414.98 | 332.38 | 270.02 | 224.79 | 188.98 | 159.92 |
| 360.0 | 1020.58 | 755.92 | 585.54 | 454.94 | 361.87 | 292.94 | 242.60 | 203.51 | 172.29 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 147.98 | 127.92 | 111.23 | 97.30 | 86.92 | 77.67 | 69.80 | 62.79 | 56.48 |
| 30.0 | 158.54 | 136.48 | 118.40 | 103.87 | 92.37 | 82.08 | 73.95 | 66.51 | 60.20 |
| 60.0 | 161.22 | 139.25 | 121.43 | 107.51 | 95.40 | 85.19 | 76.37 | 69.28 | 62.62 |
| 90.0 | 168.31 | 146.17 | 126.79 | 111.75 | 98.60 | 87.79 | 79.05 | 71.09 | 64.18 |
| 120.0 | 161.74 | 139.77 | 120.65 | 106.04 | 93.06 | 82.60 | 73.60 | 66.51 | 60.28 |
| 150.0 | 157.50 | 134.15 | 115.12 | 100.67 | 88.22 | 77.93 | 69.54 | 62.27 | 55.79 |
| 180.0 | 150.06 | 129.65 | 112.00 | 98.51 | 86.75 | 77.06 | 68.93 | 61.67 | 54.58 |
| 210.0 | 149.54 | 129.48 | 113.22 | 99.46 | 88.22 | 78.71 | 70.92 | 64.09 | 57.86 |
| 240.0 | 143.75 | 124.46 | 109.06 | 95.48 | 85.28 | 76.20 | 68.24 | 62.10 | 56.05 |
| 270.0 | 136.83 | 118.40 | 103.62 | 91.07 | 80.87 | 71.87 | 63.92 | 56.91 | 50.16 |
| 300.0 | 139.34 | 120.22 | 104.83 | 91.94 | 82.17 | 73.52 | 65.99 | 59.85 | 53.88 |
| 330.0 | 137.52 | 118.84 | 103.87 | 90.30 | 80.52 | 71.79 | 64.44 | 58.55 | 52.93 |
| 360.0 | 147.98 | 127.92 | 111.23 | 97.30 | 86.92 | 77.67 | 69.80 | 62.79 | 56.48 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 50.16 | 44.80 | 39.70 | 34.60 | 30.01 | 25.34 | 20.50 | 15.14 | 11.24 |
| 30.0 | 54.49 | 49.39 | 44.11 | 38.57 | 33.56 | 28.37 | 23.27 | 18.60 | 13.58 |
| 60.0 | 57.34 | 52.15 | 47.48 | 43.16 | 38.49 | 33.21 | 26.47 | 20.41 | 14.62 |
| 90.0 | 58.03 | 52.76 | 47.22 | 40.56 | 33.90 | 27.50 | 21.97 | 15.83 | 11.16 |
| 120.0 | 54.49 | 49.65 | 45.06 | 41.00 | 36.41 | 30.79 | 23.87 | 18.60 | 13.41 |
| 150.0 | 50.08 | 45.23 | 40.30 | 35.46 | 30.70 | 26.21 | 21.71 | 17.21 | 12.71 |
| 180.0 | 48.52 | 42.73 | 37.71 | 32.95 | 28.11 | 23.70 | 18.60 | 13.75 | 9.77 |
| 210.0 | 52.33 | 46.79 | 40.91 | 35.37 | 30.70 | 25.60 | 20.84 | 15.65 | 10.64 |
| 240.0 | 49.99 | 44.54 | 39.53 | 34.68 | 30.01 | 25.34 | 20.41 | 15.65 | 11.42 |
| 270.0 | 44.63 | 39.53 | 34.34 | 29.49 | 25.00 | 20.24 | 16.09 | 12.28 | 8.82 |
| 300.0 | 47.83 | 42.38 | 37.36 | 32.61 | 28.28 | 23.78 | 19.20 | 14.88 | 11.33 |
| 330.0 | 48.35 | 43.85 | 38.83 | 33.64 | 28.97 | 24.13 | 19.37 | 14.36 | 9.60 |
| 360.0 | 50.16 | 44.80 | 39.70 | 34.60 | 30.01 | 25.34 | 20.50 | 15.14 | 11.24 |

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 | 7.01 | 3.72 | 1.82 | 0.35 | 0.17 | 0.09 | 0.00 | 0.09 | 0.00 |
| 30.0 | 9.17 | 5.62 | 3.03 | 0.86 | 0.17 | 0.09 | 0.00 | 0.00 | 0.00 |
| 60.0 | 9.77 | 6.23 | 3.37 | 1.56 | 0.35 | 0.09 | 0.09 | 0.09 | 0.00 |
| 90.0 | 7.18 | 4.76 | 2.85 | 1.04 | 0.26 | 0.09 | 0.09 | 0.09 | 0.00 |
| 120.0 | 9.08 | 6.14 | 3.20 | 1.38 | 0.35 | 0.00 | 0.09 | 0.09 | 0.00 |
| 150.0 | 8.48 | 5.19 | 2.34 | 0.61 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 5.36 | 2.94 | 0.95 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 210.0 | 7.27 | 4.07 | 2.25 | 0.52 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| 240.0 | 7.44 | 3.89 | 1.47 | 0.35 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 270.0 | 5.10 | 1.47 | 0.35 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.0 | 7.27 | 3.63 | 1.12 | 0.17 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 330.0 | 6.49 | 3.89 | 2.16 | 0.43 | 0.17 | 0.09 | 0.00 | 0.00 | 0.00 |
| 360.0 | 7.01 | 3.72 | 1.82 | 0.35 | 0.17 | 0.09 | 0.00 | 0.09 | 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 | | | | | | | | |