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ROLED

灯具名称: 投光灯
灯具描述: FWK2311C1.8-6-UN(15-XPG-6WN-AJ.P1)
报告编号: 电压(V): 220.2000
测试编号: 20221221001 电流(A): 0.1980
光源规格型号: XPG 功率(W): 39.9000
每个光源光通量(lm) 功率因数: 0.9130
光源数量: 6 镇流器型号:
发光面长度(mm): 85 发光面宽度 (mm): 85
测试模式: C 发光面高度(mm): 0

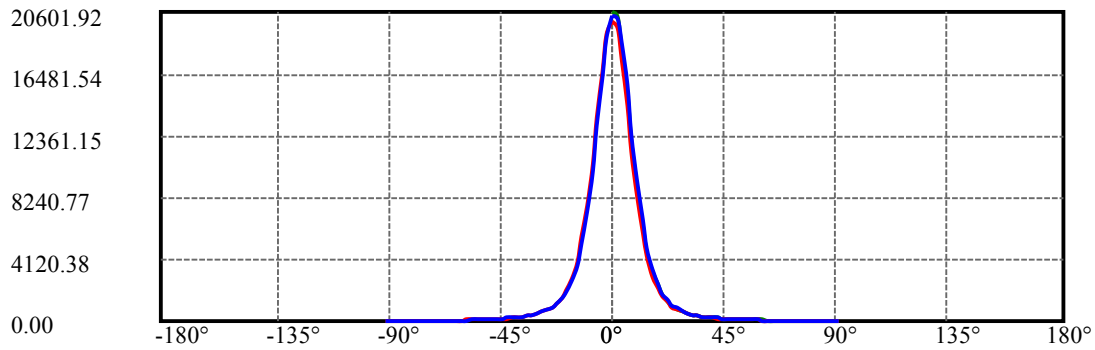
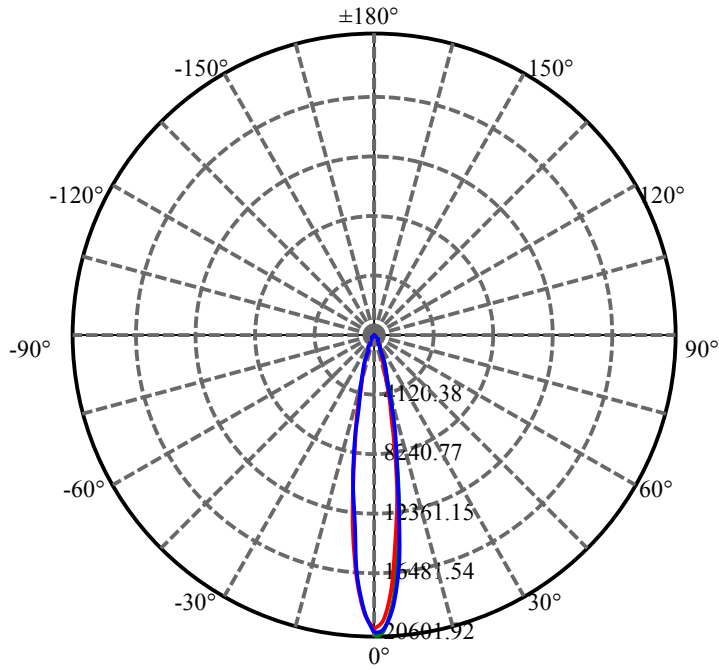
光度结果

灯具光通量(lm): 3198.49
灯具效能(lm/w): 80.16
中心光强(cd): 20013.790
最大光强(cd): 20601.920
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=17.2
 [C90/270]Total=17.4
光束扩散角(10%Imax): [C0/180]Total=36.9
 [C90/270]Total=37.2

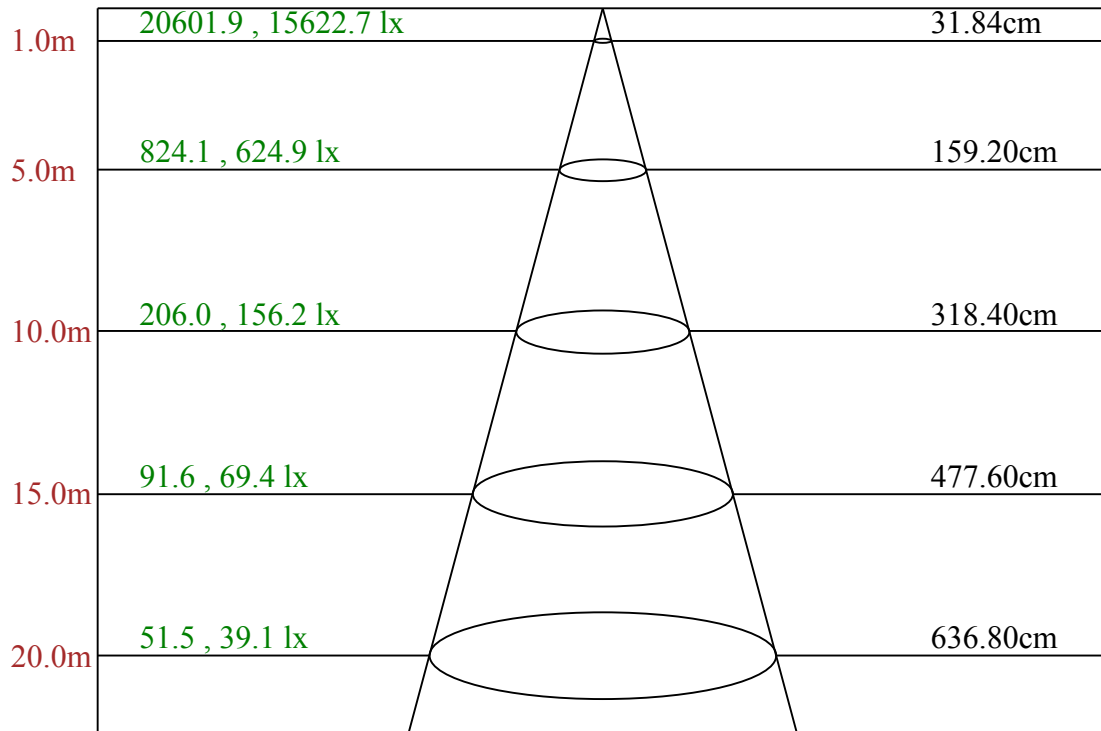
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/21
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

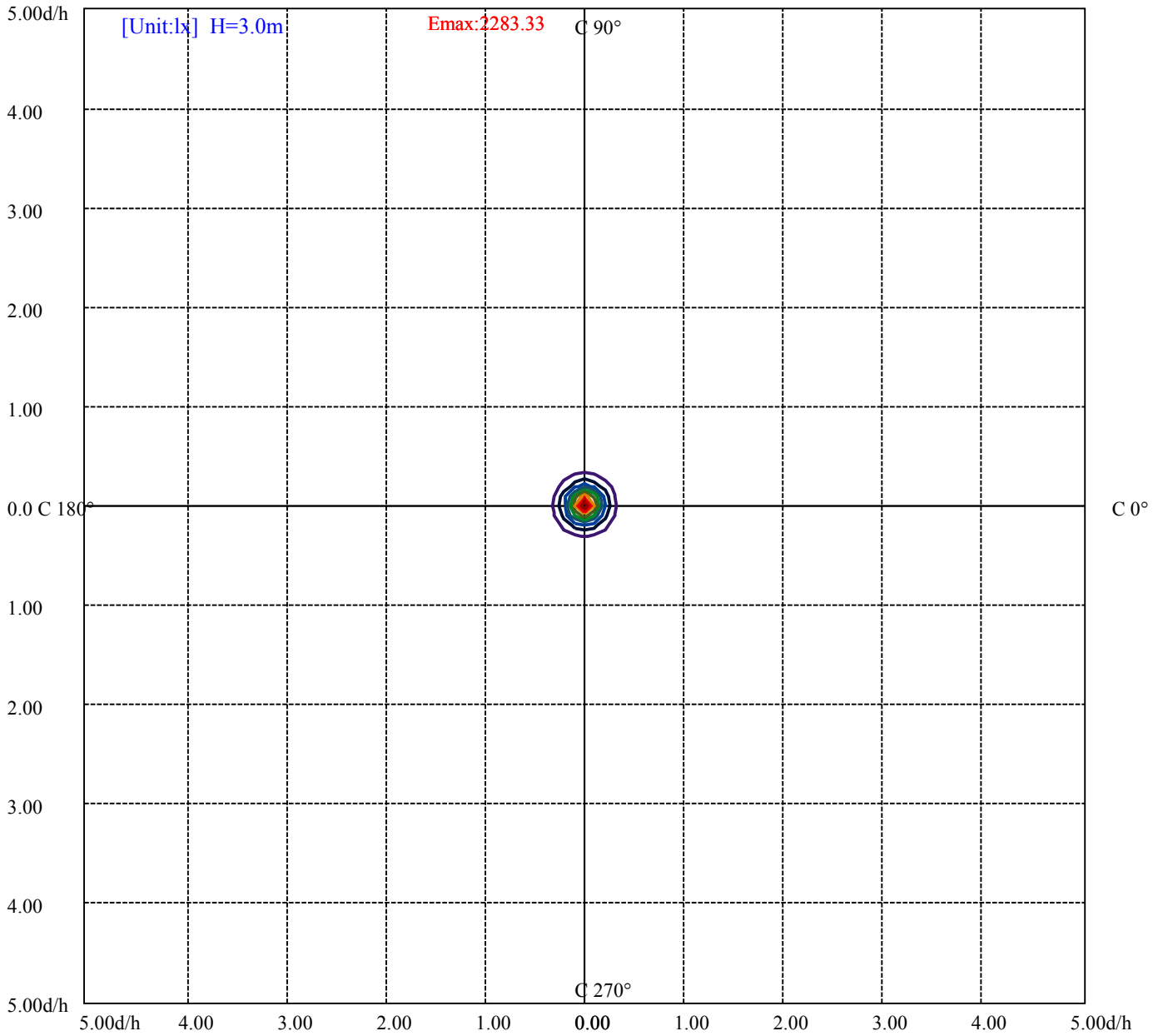


- C30(Max): —
- C0/C180: —
- C90/C270: —



Max , Ave C30面光束角18.09

ROLED 投光灯
平面等照度曲线



| | |
|--------------------|---|
| (10%Emax) 228.3333 | — |
| (20%Emax) 456.6667 | — |
| (30%Emax) 684.9989 | — |
| (40%Emax) 913.3323 | — |
| (50%Emax) 1141.667 | — |
| (60%Emax) 1370 | — |
| (70%Emax) 1598.333 | — |
| (80%Emax) 1826.667 | — |
| (90%Emax) 2055 | — |

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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

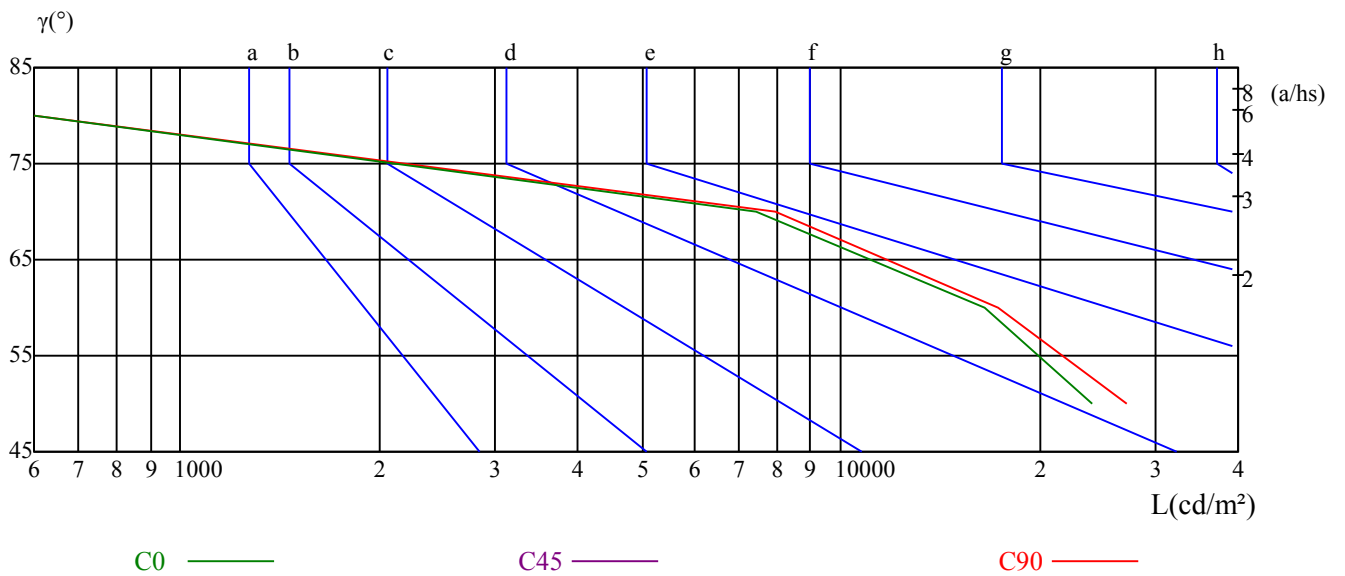
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|-------|----|-------|----|------|----|-----|----|
| C0 | 0 | 24043 | 0 | 16544 | 0 | 7455 | 0 | 414 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 27190 | 0 | 17262 | 0 | 7980 | 0 | 483 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 74723 | 82074 | 0 | 40008 | 39985 | 0 | 29668 | 29668 | 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 | 20013.79 | 19408.36 | 17341.25 | 14270.85 | 11243.70 | 8268.44 | 5829.43 | 4410.99 | 2987.36 |
| 30.0 | 20601.92 | 20195.42 | 18180.20 | 15265.49 | 12082.65 | 8951.72 | 6426.21 | 4618.57 | 3272.78 |
| 60.0 | 20498.13 | 20057.03 | 17104.26 | 15131.43 | 11956.38 | 8883.39 | 6381.23 | 4575.32 | 3255.48 |
| 90.0 | 20307.85 | 20134.87 | 18491.56 | 15723.88 | 12445.91 | 9289.03 | 6806.76 | 4808.84 | 3453.55 |
| 120.0 | 20273.26 | 19806.21 | 17174.32 | 14897.04 | 11598.31 | 8720.79 | 6253.23 | 4404.07 | 3190.62 |
| 150.0 | 20117.57 | 19667.83 | 17695.85 | 14807.09 | 11537.77 | 8657.65 | 6218.63 | 4376.39 | 3164.67 |
| 180.0 | 20013.79 | 19053.75 | 16683.92 | 13625.63 | 10537.94 | 7701.93 | 5578.61 | 3920.59 | 2799.68 |
| 210.0 | 20601.92 | 19451.60 | 16878.52 | 13810.72 | 10576.00 | 7666.47 | 5452.33 | 3936.16 | 2806.60 |
| 240.0 | 20498.13 | 19373.76 | 16908.80 | 13821.10 | 10612.32 | 7740.86 | 5448.87 | 4445.59 | 2837.74 |
| 270.0 | 20307.85 | 18872.12 | 16298.18 | 13059.13 | 10036.30 | 7238.35 | 5134.05 | 3656.80 | 2663.03 |
| 300.0 | 20273.26 | 19157.54 | 16865.55 | 13656.77 | 10482.59 | 7645.72 | 5483.47 | 4393.69 | 2810.06 |
| 330.0 | 20117.57 | 19001.85 | 16467.70 | 13468.22 | 10293.17 | 7573.93 | 5277.62 | 3811.61 | 2720.11 |
| 360.0 | 20013.79 | 19408.36 | 17341.25 | 14270.85 | 11243.70 | 8268.44 | 5829.43 | 4410.99 | 2987.36 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 2146.68 | 1619.96 | 1231.62 | 949.66 | 750.73 | 608.02 | 491.26 | 419.65 | 341.64 |
| 30.0 | 2408.75 | 1773.91 | 1342.32 | 1041.34 | 816.47 | 657.32 | 534.51 | 441.96 | 369.05 |
| 60.0 | 2359.45 | 1722.19 | 1344.23 | 1040.91 | 822.95 | 656.72 | 533.38 | 441.96 | 368.19 |
| 90.0 | 2490.05 | 1821.48 | 1370.87 | 1073.34 | 837.22 | 665.97 | 544.89 | 447.15 | 376.58 |
| 120.0 | 2312.74 | 1715.36 | 1305.65 | 1026.64 | 804.18 | 651.62 | 530.18 | 435.82 | 367.58 |
| 150.0 | 2298.04 | 1699.53 | 1309.46 | 1016.26 | 795.71 | 644.35 | 524.13 | 438.50 | 364.81 |
| 180.0 | 2073.17 | 1548.95 | 1186.04 | 923.63 | 738.28 | 595.48 | 492.47 | 407.28 | 341.38 |
| 210.0 | 2058.46 | 1577.49 | 1205.67 | 953.73 | 759.21 | 612.61 | 505.10 | 425.10 | 356.77 |
| 240.0 | 2063.65 | 1581.04 | 1213.45 | 951.39 | 750.73 | 613.21 | 502.51 | 437.64 | 358.24 |
| 270.0 | 1957.27 | 1508.82 | 1155.59 | 903.04 | 728.07 | 588.30 | 484.95 | 405.55 | 344.14 |
| 300.0 | 2077.49 | 1565.47 | 1200.48 | 931.50 | 749.00 | 603.70 | 496.45 | 439.37 | 348.38 |
| 330.0 | 2023.00 | 1529.49 | 1185.26 | 922.93 | 730.84 | 586.14 | 480.28 | 401.66 | 335.58 |
| 360.0 | 2146.68 | 1619.96 | 1231.62 | 949.66 | 750.73 | 608.02 | 491.26 | 419.65 | 341.64 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 286.11 | 245.98 | 209.82 | 183.96 | 161.65 | 142.45 | 125.50 | 111.66 | 100.33 |
| 30.0 | 313.79 | 264.92 | 229.72 | 200.22 | 176.79 | 157.93 | 140.89 | 126.28 | 112.35 |
| 60.0 | 310.93 | 264.83 | 230.06 | 201.61 | 178.17 | 159.14 | 143.83 | 130.43 | 118.06 |
| 90.0 | 314.74 | 270.11 | 232.23 | 204.12 | 180.07 | 160.09 | 142.97 | 126.28 | 110.45 |
| 120.0 | 310.76 | 264.83 | 228.51 | 201.09 | 177.39 | 157.93 | 142.45 | 128.78 | 116.42 |
| 150.0 | 308.34 | 262.76 | 228.07 | 198.93 | 175.57 | 156.29 | 138.64 | 123.51 | 109.67 |
| 180.0 | 288.96 | 248.14 | 213.72 | 184.92 | 161.65 | 141.32 | 124.46 | 110.62 | 99.29 |
| 210.0 | 304.27 | 263.71 | 227.81 | 200.31 | 177.65 | 158.02 | 140.46 | 125.67 | 111.40 |
| 240.0 | 304.10 | 263.79 | 228.68 | 200.31 | 178.08 | 159.92 | 142.45 | 128.61 | 114.25 |
| 270.0 | 293.46 | 252.81 | 220.46 | 194.00 | 170.99 | 149.71 | 130.69 | 113.22 | 98.60 |
| 300.0 | 294.58 | 254.80 | 220.38 | 192.87 | 172.46 | 153.78 | 138.30 | 123.59 | 109.84 |
| 330.0 | 286.80 | 245.80 | 212.07 | 187.42 | 166.49 | 148.24 | 132.50 | 119.27 | 106.21 |
| 360.0 | 286.11 | 245.98 | 209.82 | 183.96 | 161.65 | 142.45 | 125.50 | 111.66 | 100.33 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 89.69 | 79.74 | 69.19 | 59.76 | 49.73 | 39.96 | 31.66 | 24.74 | 18.42 |
| 30.0 | 100.59 | 89.86 | 80.44 | 71.18 | 59.68 | 47.92 | 37.36 | 27.68 | 19.81 |
| 60.0 | 106.82 | 94.45 | 82.94 | 71.44 | 61.23 | 49.47 | 39.44 | 30.79 | 21.88 |
| 90.0 | 96.44 | 84.59 | 73.00 | 62.36 | 53.54 | 45.67 | 38.23 | 28.97 | 19.72 |
| 120.0 | 103.01 | 90.21 | 78.62 | 67.98 | 56.65 | 45.15 | 36.41 | 28.54 | 19.98 |
| 150.0 | 98.77 | 88.31 | 76.98 | 65.91 | 55.27 | 45.41 | 34.25 | 24.82 | 16.95 |
| 180.0 | 88.05 | 76.89 | 66.86 | 55.87 | 45.67 | 35.98 | 28.54 | 21.88 | 15.74 |
| 210.0 | 99.72 | 89.43 | 78.45 | 65.56 | 52.24 | 41.77 | 31.05 | 22.31 | 15.74 |
| 240.0 | 99.98 | 87.44 | 76.46 | 65.39 | 53.80 | 42.99 | 33.82 | 24.30 | 17.04 |
| 270.0 | 85.71 | 73.52 | 62.27 | 53.45 | 46.19 | 37.45 | 28.97 | 19.37 | 11.68 |
| 300.0 | 95.31 | 83.55 | 73.08 | 62.27 | 51.98 | 41.08 | 32.95 | 24.48 | 16.61 |
| 330.0 | 95.74 | 85.80 | 74.55 | 63.22 | 52.24 | 42.29 | 31.05 | 22.75 | 15.05 |
| 360.0 | 89.69 | 79.74 | 69.19 | 59.76 | 49.73 | 39.96 | 31.66 | 24.74 | 18.42 |

ROLED 投光灯

光强数据表(cd)

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| | | | | | | | | | |
|--------|-------|------|------|------|------|------|------|------|------|
| C/γ(°) | 72.0 | 74.0 | 76.0 | 78.0 | 80.0 | 82.0 | 84.0 | 86.0 | 88.0 |
| 0.0 | 11.94 | 6.40 | 2.42 | 0.78 | 0.52 | 0.43 | 0.43 | 0.35 | 0.26 |
| 30.0 | 14.36 | 9.43 | 4.58 | 1.73 | 0.61 | 0.61 | 0.52 | 0.43 | 0.17 |
| 60.0 | 15.65 | 8.48 | 4.15 | 1.56 | 0.61 | 0.52 | 0.52 | 0.43 | 0.17 |
| 90.0 | 12.11 | 8.39 | 3.29 | 0.69 | 0.61 | 0.52 | 0.43 | 0.35 | 0.26 |
| 120.0 | 13.49 | 7.87 | 3.72 | 0.95 | 0.61 | 0.52 | 0.52 | 0.43 | 0.26 |
| 150.0 | 11.59 | 8.30 | 3.63 | 0.78 | 0.61 | 0.52 | 0.52 | 0.35 | 0.17 |
| 180.0 | 9.51 | 4.24 | 0.95 | 0.52 | 0.43 | 0.43 | 0.43 | 0.35 | 0.09 |
| 210.0 | 10.47 | 5.54 | 2.25 | 0.61 | 0.52 | 0.52 | 0.43 | 0.26 | 0.17 |
| 240.0 | 9.95 | 4.76 | 1.99 | 0.61 | 0.52 | 0.43 | 0.35 | 0.26 | 0.09 |
| 270.0 | 8.13 | 3.11 | 0.52 | 0.61 | 0.43 | 0.43 | 0.35 | 0.26 | 0.17 |
| 300.0 | 10.12 | 5.79 | 1.90 | 0.61 | 0.61 | 0.43 | 0.43 | 0.26 | 0.26 |
| 330.0 | 10.38 | 7.27 | 2.59 | 0.69 | 0.43 | 0.43 | 0.52 | 0.35 | 0.17 |
| 360.0 | 11.94 | 6.40 | 2.42 | 0.78 | 0.52 | 0.43 | 0.43 | 0.35 | 0.26 |
| C/γ(°) | 90.0 | | | | | | | | |
| 0.0 | 0.09 | | | | | | | | |
| 30.0 | 0.17 | | | | | | | | |
| 60.0 | 0.09 | | | | | | | | |
| 90.0 | 0.09 | | | | | | | | |
| 120.0 | 0.00 | | | | | | | | |
| 150.0 | 0.00 | | | | | | | | |
| 180.0 | 0.09 | | | | | | | | |
| 210.0 | 0.09 | | | | | | | | |
| 240.0 | 0.09 | | | | | | | | |
| 270.0 | 0.09 | | | | | | | | |
| 300.0 | 0.09 | | | | | | | | |
| 330.0 | 0.00 | | | | | | | | |
| 360.0 | 0.09 | | | | | | | | |