

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

ROLED

灯具名称: 壁灯

灯具描述: W1022A-9-UN (45-OL-9WN-AJ, CT) 3颗发光面

报告编号:

电压(V): 220.5000

测试编号: 20210319009

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.4000

每个光源光通量(lm)

功率因数: 0.5050

光源数量: 9

镇流器型号:

发光面长度(mm): 62

发光面宽度(mm): 48

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 300.55

灯具效能(lm/w): 28.90

中心光强(cd): 405.942

最大光强(cd): 405.942

最大光强角度: $C=0.0 \gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.7

[C90/270]Total=43.3

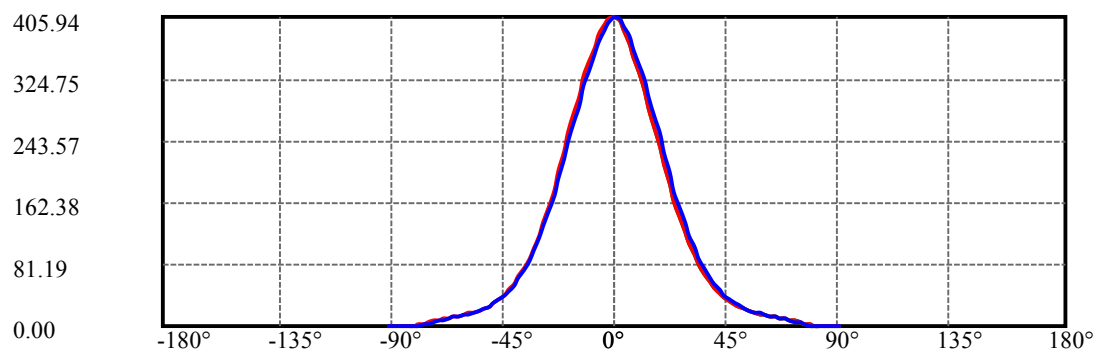
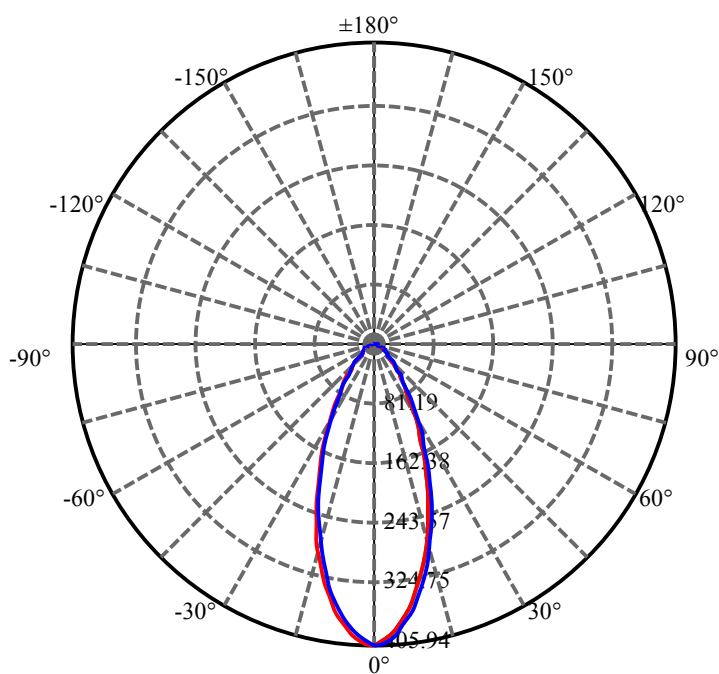
光束扩散角(10%Imax): [C0/180]Total=87.1

[C90/270]Total=87.9

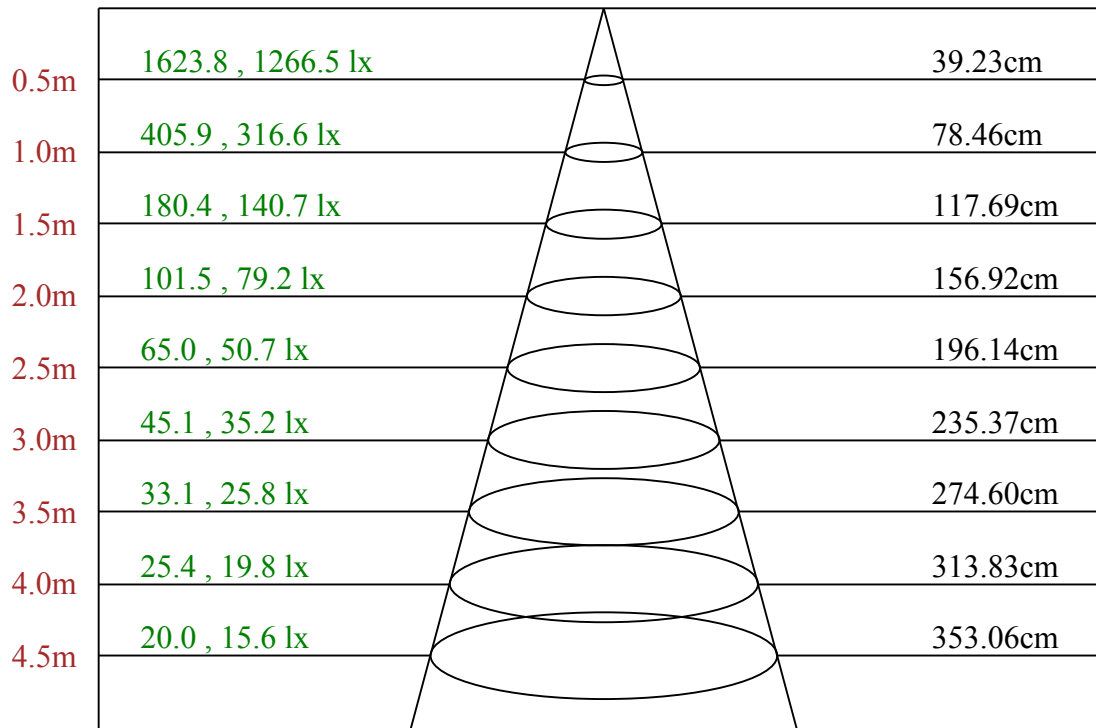
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/19
环境湿度(%): 60.0%

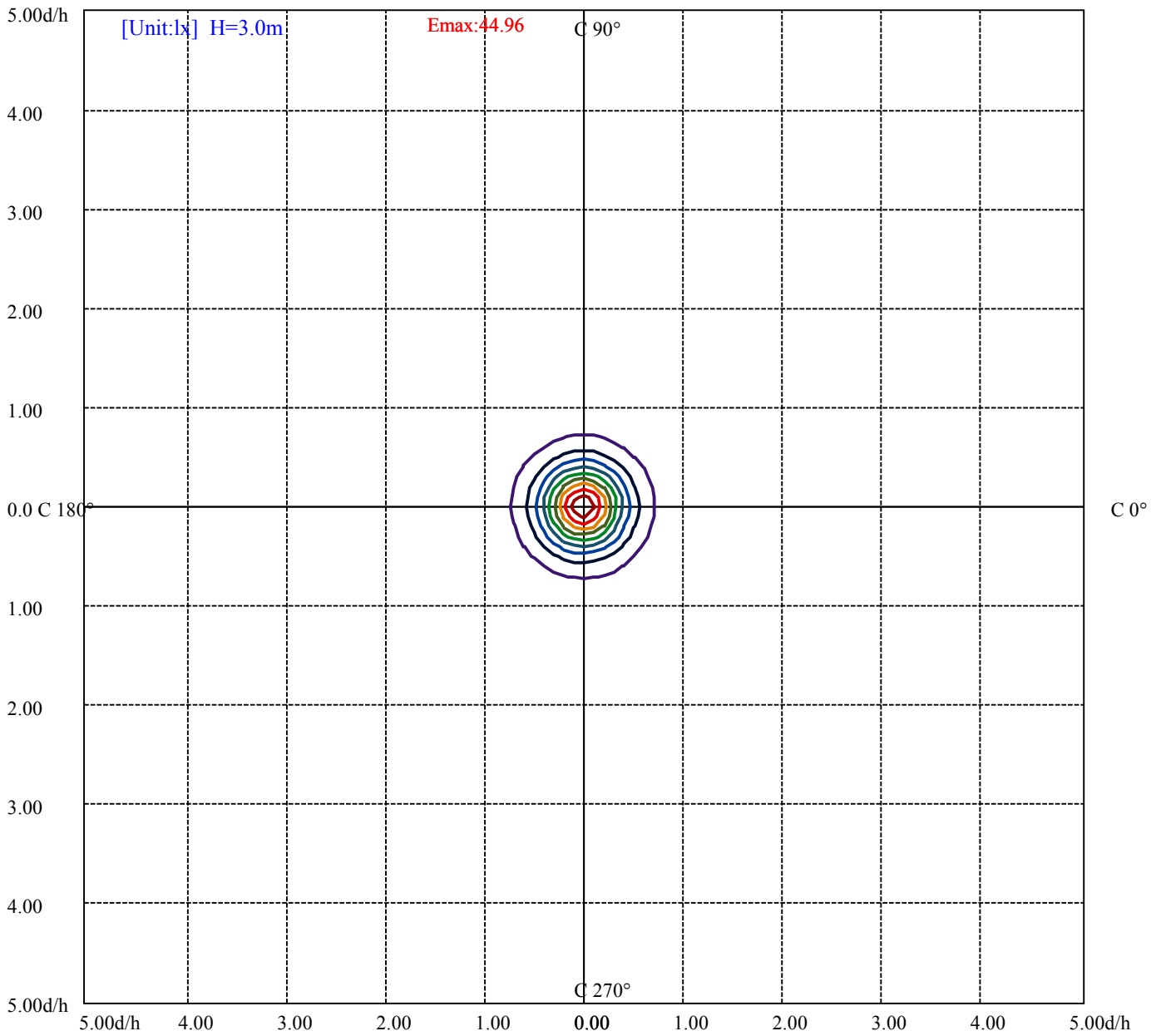
测试人员: anpeilou
测试距离(m): 8.76



C0(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C0面光束角42.83



- (10%E_{max}) 4.496389
- (20%E_{max}) 8.992788
- (30%E_{max}) 13.48922
- (40%E_{max}) 17.98556
- (50%E_{max}) 22.482
- (60%E_{max}) 26.97833
- (70%E_{max}) 31.47478
- (80%E_{max}) 35.97111
- (90%E_{max}) 40.46756

ROLED 壁灯

灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共8页

亮度值表

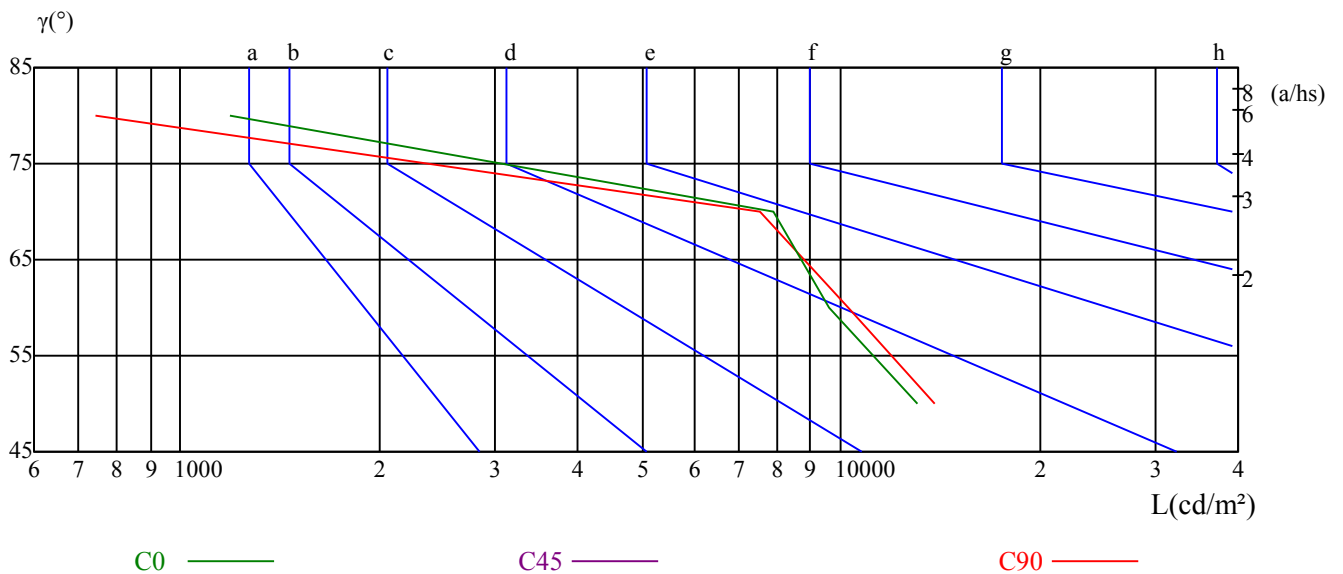
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|-------|----|-------|----|------|----|------|----|
| C0 | 0 | 13037 | 0 | 9592 | 0 | 7916 | 0 | 1188 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 13920 | 0 | 10263 | 0 | 7539 | 0 | 742 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 48872 | 33954 | 0 | 32678 | 23512 | 0 | 26923 | 30621 | 0 |

眩光等级表

| 眩光等级 | 质量等级 | 使用照度(lx) | | | | | | | |
|------|------|----------|------|------|-------|-------|-------|-------|-------|
| | | a | b | c | d | e | f | g | h |
| 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 |

亮度限制曲线



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/19
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

| 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 | 21.53 | 22.70 | 21.89 | 23.02 | 23.33 | 21.45 | 22.63 | 21.82 | 22.94 | 23.26 |
| | 3H | 22.73 | 23.77 | 23.11 | 24.10 | 24.47 | 22.82 | 23.86 | 23.20 | 24.19 | 24.56 |
| | 4H | 22.91 | 23.88 | 23.31 | 24.23 | 24.61 | 23.11 | 24.07 | 23.51 | 24.43 | 24.81 |
| | 6H | 22.88 | 23.77 | 23.30 | 24.14 | 24.54 | 23.11 | 24.00 | 23.53 | 24.37 | 24.77 |
| | 8H | 22.84 | 23.68 | 23.27 | 24.07 | 24.48 | 23.07 | 23.91 | 23.50 | 24.30 | 24.71 |
| | 12H | 22.80 | 23.60 | 23.23 | 23.98 | 24.41 | 23.03 | 23.83 | 23.46 | 24.21 | 24.64 |
| 4H | 2H | 21.98 | 22.95 | 22.39 | 23.30 | 23.69 | 21.92 | 22.89 | 22.33 | 23.24 | 23.63 |
| | 3H | 23.33 | 24.12 | 23.75 | 24.53 | 24.93 | 23.46 | 24.25 | 23.87 | 24.65 | 25.06 |
| | 4H | 23.55 | 24.26 | 23.99 | 24.68 | 25.13 | 23.79 | 24.50 | 24.23 | 24.92 | 25.37 |
| | 6H | 23.55 | 24.15 | 24.01 | 24.60 | 25.07 | 23.82 | 24.42 | 24.28 | 24.87 | 25.34 |
| | 8H | 23.50 | 24.06 | 23.97 | 24.51 | 24.98 | 23.77 | 24.33 | 24.24 | 24.78 | 25.25 |
| | 12H | 23.45 | 23.95 | 23.94 | 24.43 | 24.91 | 23.72 | 24.21 | 24.21 | 24.70 | 25.18 |
| 8H | 4H | 23.61 | 24.17 | 24.08 | 24.62 | 25.09 | 23.82 | 24.39 | 24.30 | 24.84 | 25.31 |
| | 6H | 23.60 | 24.06 | 24.11 | 24.55 | 25.04 | 23.85 | 24.31 | 24.36 | 24.81 | 25.29 |
| | 8H | 23.56 | 23.96 | 24.09 | 24.48 | 24.98 | 23.81 | 24.21 | 24.34 | 24.73 | 25.23 |
| | 12H | 24.31 | 24.66 | 24.83 | 25.16 | 25.74 | 24.52 | 24.87 | 25.04 | 25.37 | 25.94 |
| 12H | 4H | 23.56 | 24.05 | 24.05 | 24.54 | 25.01 | 23.78 | 24.27 | 24.26 | 24.75 | 25.23 |
| | 6H | 23.99 | 23.96 | 24.09 | 24.43 | 24.98 | 24.24 | 24.21 | 24.34 | 24.68 | 25.22 |
| | 8H | 23.53 | 23.88 | 24.05 | 24.38 | 24.96 | 23.78 | 24.13 | 24.30 | 24.63 | 25.20 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 0.9/-1.1 | | | | | 0.8/-1.0 | | | | | |
| S = 1.5H | 2.1/-1.7 | | | | | 1.8/-1.6 | | | | | |
| S = 2.0H | 4.1/-2.1 | | | | | 3.7/-2.0 | | | | | |
| 标准表格 | BK2 | | | | | BK2 | | | | | |
| 更正系数 | 2.3 | | | | | 2.2 | | | | | |

ROLED 壁灯

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 | 405.94 | 399.65 | 388.14 | 371.87 | 353.99 | 332.58 | 308.64 | 284.70 | 260.75 |
| 30.0 | 404.56 | 400.34 | 389.83 | 375.94 | 357.67 | 337.26 | 314.47 | 289.84 | 264.36 |
| 60.0 | 404.79 | 400.49 | 391.67 | 378.09 | 360.21 | 340.33 | 317.39 | 293.29 | 266.89 |
| 90.0 | 404.87 | 403.18 | 394.58 | 380.08 | 363.66 | 343.78 | 323.22 | 299.89 | 275.26 |
| 120.0 | 405.48 | 403.18 | 393.20 | 380.54 | 363.20 | 343.32 | 321.68 | 298.97 | 274.18 |
| 150.0 | 405.56 | 405.02 | 396.50 | 384.07 | 367.88 | 349.46 | 327.82 | 305.11 | 279.79 |
| 180.0 | 405.94 | 404.33 | 395.20 | 382.92 | 366.73 | 347.47 | 326.98 | 303.42 | 279.02 |
| 210.0 | 404.56 | 401.72 | 392.59 | 379.01 | 361.74 | 341.94 | 319.23 | 295.36 | 271.34 |
| 240.0 | 404.79 | 401.72 | 392.05 | 378.93 | 362.28 | 343.55 | 321.07 | 297.97 | 273.11 |
| 270.0 | 404.87 | 399.57 | 388.14 | 373.41 | 356.83 | 336.34 | 314.16 | 290.84 | 267.12 |
| 300.0 | 405.48 | 400.19 | 389.52 | 375.09 | 358.06 | 338.57 | 315.31 | 291.91 | 267.97 |
| 330.0 | 405.56 | 398.50 | 386.22 | 371.18 | 352.84 | 332.50 | 309.02 | 284.24 | 257.68 |
| 360.0 | 405.94 | 399.65 | 388.14 | 371.87 | 353.99 | 332.58 | 308.64 | 284.70 | 260.75 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 235.05 | 210.57 | 187.70 | 164.53 | 143.88 | 124.55 | 108.35 | 93.47 | 79.88 |
| 30.0 | 240.65 | 215.71 | 191.23 | 169.51 | 148.18 | 129.00 | 111.50 | 96.54 | 82.65 |
| 60.0 | 241.11 | 215.56 | 192.00 | 169.21 | 147.80 | 128.46 | 111.73 | 95.85 | 82.11 |
| 90.0 | 251.55 | 226.30 | 201.05 | 177.19 | 156.08 | 135.90 | 118.48 | 102.75 | 87.71 |
| 120.0 | 250.32 | 224.76 | 199.82 | 177.65 | 155.55 | 135.37 | 117.02 | 101.45 | 86.94 |
| 150.0 | 254.39 | 230.21 | 203.82 | 181.18 | 158.69 | 138.74 | 120.25 | 103.60 | 89.63 |
| 180.0 | 253.62 | 228.75 | 203.35 | 179.03 | 157.31 | 136.59 | 119.33 | 101.91 | 88.02 |
| 210.0 | 246.56 | 221.85 | 196.76 | 174.81 | 153.09 | 133.60 | 115.49 | 99.45 | 84.95 |
| 240.0 | 248.09 | 224.99 | 200.52 | 177.72 | 155.32 | 135.98 | 117.64 | 102.37 | 87.79 |
| 270.0 | 242.80 | 219.55 | 195.14 | 172.12 | 151.71 | 130.68 | 114.80 | 99.07 | 85.18 |
| 300.0 | 241.80 | 216.94 | 192.53 | 170.36 | 149.48 | 130.91 | 112.80 | 97.46 | 83.49 |
| 330.0 | 232.21 | 208.73 | 184.63 | 163.53 | 142.89 | 123.62 | 107.43 | 92.39 | 78.73 |
| 360.0 | 235.05 | 210.57 | 187.70 | 164.53 | 143.88 | 124.55 | 108.35 | 93.47 | 79.88 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 68.91 | 59.16 | 50.49 | 43.36 | 37.60 | 32.54 | 28.32 | 24.94 | 21.95 |
| 30.0 | 70.83 | 60.93 | 52.03 | 44.58 | 38.60 | 33.38 | 29.08 | 25.55 | 22.71 |
| 60.0 | 70.83 | 60.47 | 51.64 | 44.51 | 38.29 | 33.23 | 28.93 | 25.63 | 22.71 |
| 90.0 | 75.66 | 64.23 | 55.10 | 47.27 | 40.90 | 35.15 | 30.46 | 26.63 | 23.25 |
| 120.0 | 74.36 | 64.00 | 54.41 | 46.50 | 39.90 | 34.61 | 30.08 | 26.17 | 23.10 |
| 150.0 | 76.97 | 65.92 | 56.02 | 48.34 | 41.52 | 35.99 | 31.23 | 27.24 | 23.87 |
| 180.0 | 75.51 | 65.15 | 55.48 | 47.42 | 40.98 | 35.22 | 30.46 | 26.47 | 23.33 |
| 210.0 | 73.51 | 62.92 | 53.56 | 46.35 | 39.83 | 34.22 | 30.00 | 26.24 | 23.10 |
| 240.0 | 75.05 | 64.84 | 55.17 | 47.04 | 40.36 | 34.99 | 30.31 | 26.63 | 23.40 |
| 270.0 | 73.28 | 62.92 | 54.10 | 46.58 | 39.98 | 34.46 | 30.00 | 26.24 | 23.17 |
| 300.0 | 71.37 | 61.70 | 52.64 | 45.35 | 39.21 | 33.84 | 29.39 | 26.17 | 23.02 |
| 330.0 | 67.61 | 58.24 | 49.80 | 43.13 | 37.29 | 32.31 | 28.32 | 24.94 | 22.33 |
| 360.0 | 68.91 | 59.16 | 50.49 | 43.36 | 37.60 | 32.54 | 28.32 | 24.94 | 21.95 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 19.49 | 17.65 | 15.81 | 14.27 | 13.12 | 11.82 | 10.59 | 9.29 | 8.06 |
| 30.0 | 20.34 | 18.34 | 16.65 | 15.12 | 13.89 | 12.66 | 11.43 | 10.13 | 8.67 |
| 60.0 | 20.26 | 18.34 | 16.73 | 15.19 | 13.81 | 12.51 | 11.13 | 9.59 | 7.98 |
| 90.0 | 20.80 | 18.57 | 16.81 | 15.27 | 13.74 | 12.35 | 10.82 | 9.36 | 7.67 |
| 120.0 | 20.64 | 18.57 | 16.81 | 15.27 | 13.81 | 12.28 | 10.97 | 9.44 | 7.75 |
| 150.0 | 21.26 | 19.03 | 17.19 | 15.58 | 14.12 | 12.89 | 11.59 | 10.21 | 8.52 |
| 180.0 | 20.57 | 18.26 | 16.42 | 14.81 | 13.28 | 11.97 | 10.74 | 9.44 | 8.06 |
| 210.0 | 20.49 | 18.42 | 16.58 | 15.19 | 13.66 | 12.28 | 10.90 | 9.52 | 8.06 |
| 240.0 | 20.72 | 18.65 | 16.81 | 15.12 | 13.81 | 12.43 | 10.97 | 9.52 | 7.75 |
| 270.0 | 20.57 | 18.19 | 16.19 | 14.66 | 13.35 | 11.89 | 10.28 | 8.59 | 6.83 |
| 300.0 | 20.49 | 18.49 | 16.65 | 15.19 | 13.74 | 12.35 | 10.97 | 9.52 | 7.83 |
| 330.0 | 20.03 | 18.11 | 16.50 | 15.04 | 13.74 | 12.35 | 10.97 | 9.67 | 8.36 |
| 360.0 | 19.49 | 17.65 | 15.81 | 14.27 | 13.12 | 11.82 | 10.59 | 9.29 | 8.06 |

ROLED 壁灯

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 | 6.52 | 4.91 | 3.45 | 1.84 | 0.61 | 0.23 | 0.23 | 0.08 | 0.00 |
| 30.0 | 6.75 | 4.91 | 3.22 | 2.38 | 1.07 | 0.69 | 0.54 | 0.46 | 0.54 |
| 60.0 | 6.22 | 4.53 | 2.92 | 1.46 | 0.69 | 0.54 | 0.38 | 0.31 | 0.31 |
| 90.0 | 5.91 | 4.37 | 2.69 | 0.77 | 0.38 | 0.38 | 0.23 | 0.15 | 0.00 |
| 120.0 | 6.06 | 4.45 | 2.84 | 1.30 | 0.54 | 0.54 | 0.38 | 0.31 | 0.15 |
| 150.0 | 6.75 | 4.83 | 3.15 | 2.30 | 1.07 | 0.46 | 0.38 | 0.23 | 0.31 |
| 180.0 | 6.52 | 4.83 | 3.22 | 1.84 | 0.61 | 0.15 | 0.15 | 0.08 | 0.00 |
| 210.0 | 6.60 | 5.06 | 3.61 | 1.84 | 0.61 | 0.54 | 0.46 | 0.54 | 0.46 |
| 240.0 | 6.29 | 4.60 | 3.07 | 2.07 | 1.00 | 0.84 | 0.84 | 0.77 | 0.77 |
| 270.0 | 4.99 | 3.22 | 2.38 | 1.23 | 0.61 | 0.46 | 0.38 | 0.23 | 0.15 |
| 300.0 | 6.22 | 4.60 | 3.22 | 2.15 | 1.23 | 1.07 | 1.07 | 1.07 | 1.15 |
| 330.0 | 6.91 | 5.45 | 3.91 | 2.00 | 1.00 | 0.84 | 0.84 | 0.84 | 0.92 |
| 360.0 | 6.52 | 4.91 | 3.45 | 1.84 | 0.61 | 0.23 | 0.23 | 0.08 | 0.00 |

| C/γ(°) | 90.0 |
|--------|------|
| 0.0 | 0.00 |
| 30.0 | 0.38 |
| 60.0 | 0.15 |
| 90.0 | 0.00 |
| 120.0 | 0.00 |
| 150.0 | 0.31 |
| 180.0 | 0.00 |
| 210.0 | 0.38 |
| 240.0 | 0.54 |
| 270.0 | 0.08 |
| 300.0 | 1.15 |
| 330.0 | 1.00 |
| 360.0 | 0.00 |