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ROLED

灯具名称: 水下灯
灯具描述: U1113A-6-12DC(10-OL-6WN-AA.P1)
报告编号: 电压(V): 11.8000
测试编号: 20211027011 电流(A): 0.5620
光源规格型号: OL 功率(W): 6.6000
每个光源光通量(lm) 功率因数: 1.0110
光源数量: 6 镇流器型号:
发光面长度(mm): 80 发光面宽度 (mm): 80
测试模式: C 发光面高度(mm): 0

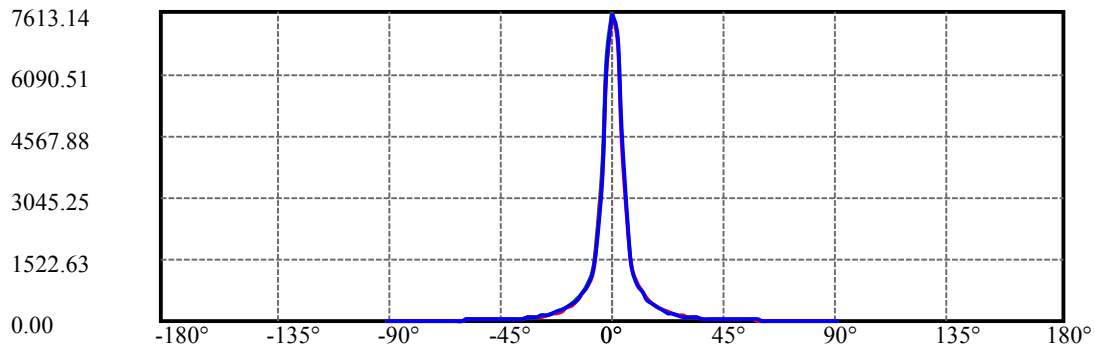
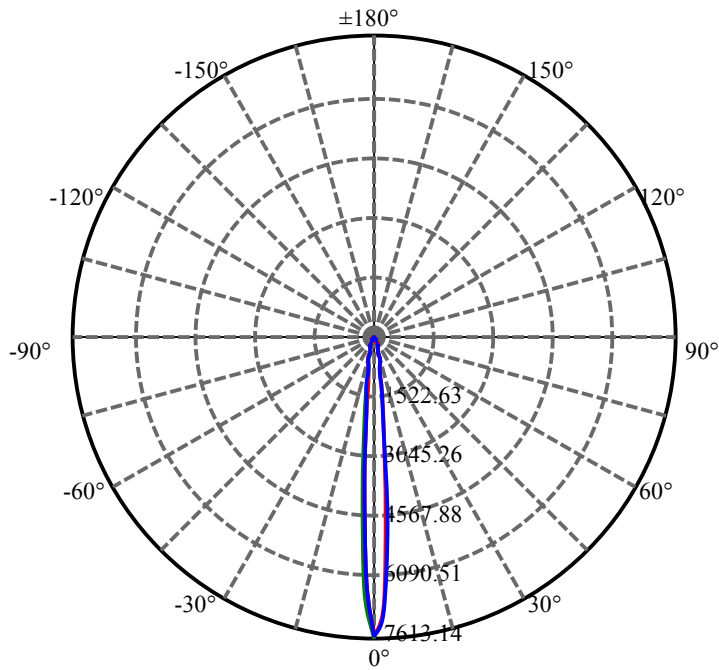
光度结果

灯具光通量(lm): 570.22
灯具效能(lm/w): 86.40
中心光强(cd): 7553.282
最大光强(cd): 7613.137
最大光强角度: C=240.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=8.6
 [C90/270]Total=8.7
光束扩散角(10%Imax): [C0/180]Total=22.5
 [C90/270]Total=22.6

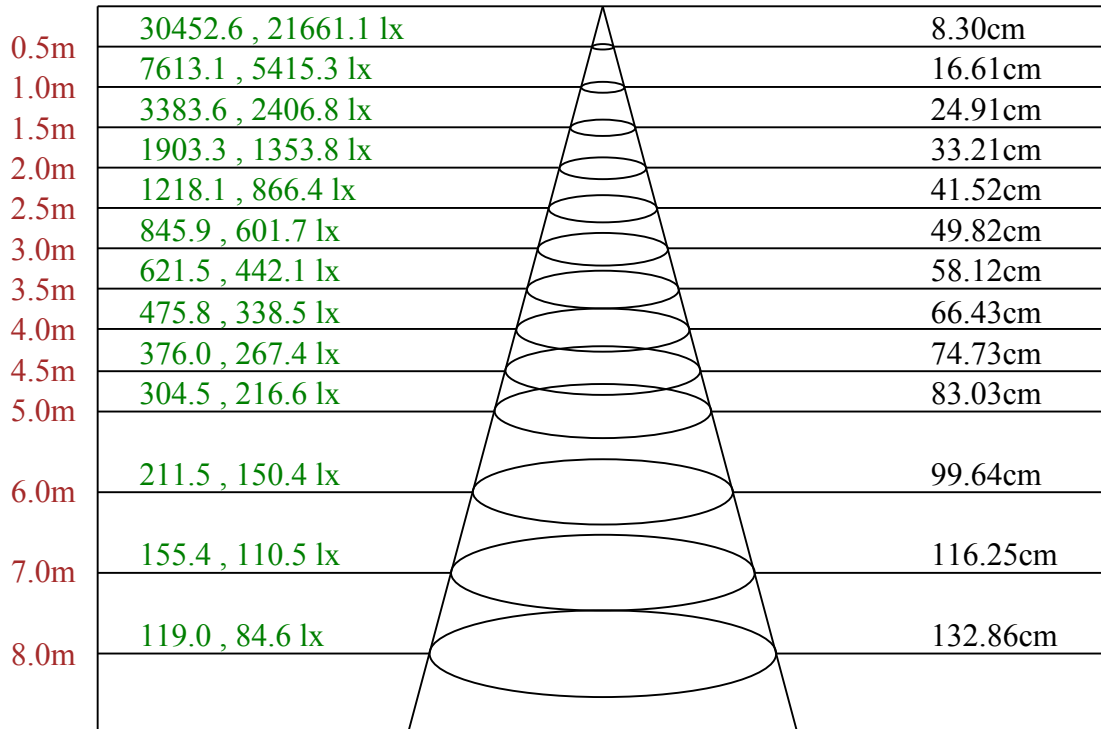
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/10/27
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

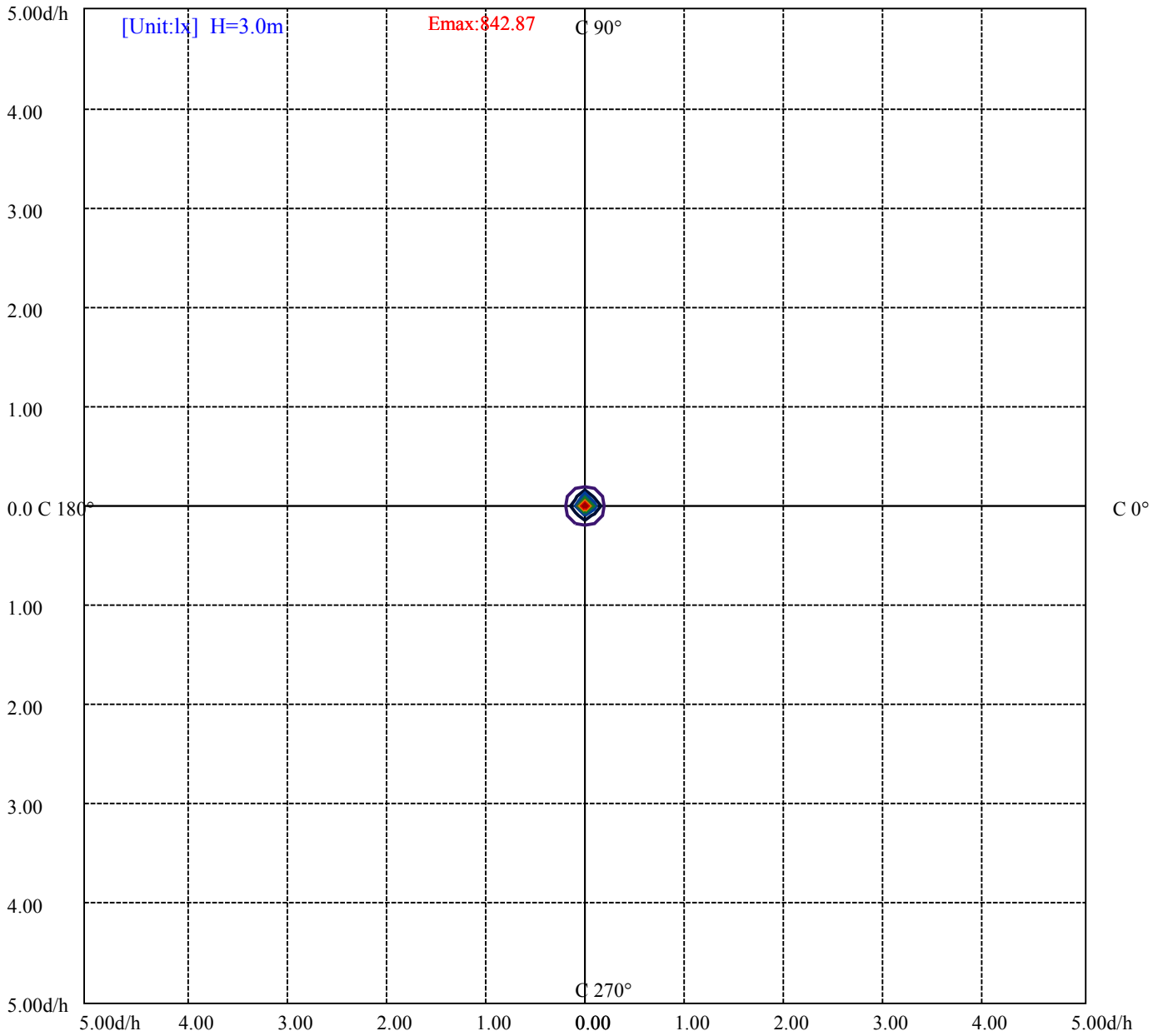


C240(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C240面光束角9.49

ROLED 水下灯
平面等照度曲线



- (10%Emax) 84.28711
- (20%Emax) 168.5744
- (30%Emax) 252.8611
- (40%Emax) 337.1489
- (50%Emax) 421.4355
- (60%Emax) 505.7233
- (70%Emax) 590.01
- (80%Emax) 674.2966
- (90%Emax) 758.5844

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测试日期: 2021/10/27
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 水下灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

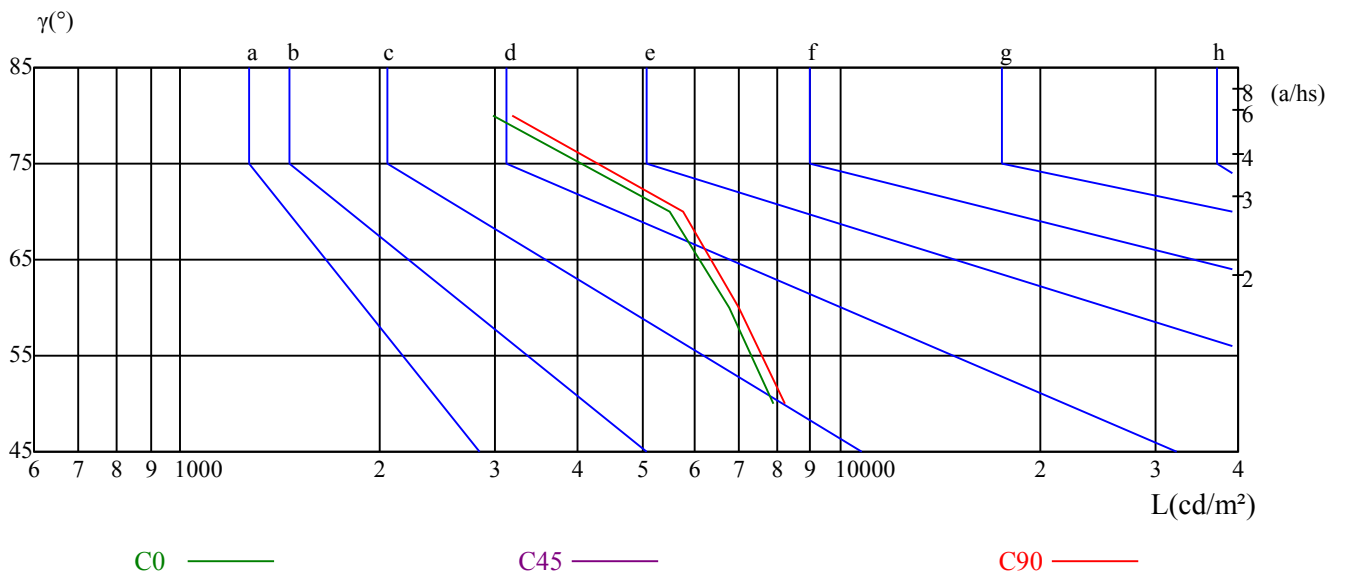
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|------|----|------|----|------|----|------|----|
| C0 | 0 | 7928 | 0 | 6786 | 0 | 5504 | 0 | 2969 | 0 |
| C45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 8245 | 0 | 7002 | 0 | 5784 | 0 | 3176 | 0 |

| L横(65) | L纵(65) | L45(65) | L横(75) | L纵(75) | L45(75) | L横(85) | L纵(85) | L45(85) |
|--------|--------|---------|--------|--------|---------|--------|--------|---------|
| 714107 | 710844 | 0 | 460372 | 465700 | 0 | 316692 | 311396 | 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



| 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 | 17.18 | 18.25 | 17.55 | 18.57 | 18.88 | 17.09 | 18.16 | 17.45 | 18.47 | 18.79 |
| | 3H | 18.56 | 19.51 | 18.94 | 19.84 | 20.21 | 18.47 | 19.42 | 18.85 | 19.75 | 20.12 |
| | 4H | 18.94 | 19.82 | 19.35 | 20.17 | 20.56 | 18.85 | 19.74 | 19.26 | 20.09 | 20.48 |
| | 6H | 19.09 | 19.90 | 19.51 | 20.27 | 20.67 | 19.01 | 19.82 | 19.43 | 20.19 | 20.59 |
| | 8H | 19.09 | 19.85 | 19.52 | 20.24 | 20.65 | 19.01 | 19.77 | 19.45 | 20.17 | 20.57 |
| | 12H | 19.08 | 19.80 | 19.51 | 20.18 | 20.62 | 19.00 | 19.73 | 19.43 | 20.11 | 20.54 |
| 4H | 2H | 17.62 | 18.50 | 18.03 | 18.86 | 19.25 | 17.55 | 18.43 | 17.95 | 18.78 | 19.17 |
| | 3H | 19.17 | 19.89 | 19.59 | 20.30 | 20.71 | 19.10 | 19.82 | 19.51 | 20.23 | 20.63 |
| | 4H | 19.63 | 20.27 | 20.07 | 20.70 | 21.14 | 19.56 | 20.20 | 20.00 | 20.63 | 21.07 |
| | 6H | 19.81 | 20.36 | 20.27 | 20.81 | 21.28 | 19.74 | 20.29 | 20.21 | 20.74 | 21.22 |
| | 8H | 19.81 | 20.33 | 20.29 | 20.77 | 21.25 | 19.75 | 20.26 | 20.23 | 20.71 | 21.19 |
| | 12H | 19.80 | 20.24 | 20.29 | 20.73 | 21.21 | 19.74 | 20.18 | 20.23 | 20.67 | 21.15 |
| 8H | 4H | 19.73 | 20.24 | 20.20 | 20.69 | 21.16 | 19.66 | 20.18 | 20.14 | 20.63 | 21.10 |
| | 6H | 19.96 | 20.36 | 20.46 | 20.87 | 21.35 | 19.90 | 20.31 | 20.41 | 20.81 | 21.29 |
| | 8H | 19.99 | 20.35 | 20.52 | 20.87 | 21.37 | 19.94 | 20.30 | 20.47 | 20.82 | 21.31 |
| | 12H | 20.64 | 20.95 | 21.16 | 21.45 | 22.03 | 20.59 | 20.90 | 21.11 | 21.40 | 21.98 |
| 12H | 4H | 19.69 | 20.14 | 20.18 | 20.62 | 21.10 | 19.63 | 20.07 | 20.12 | 20.56 | 21.04 |
| | 6H | 20.27 | 20.29 | 20.46 | 20.76 | 21.31 | 20.21 | 20.24 | 20.41 | 20.71 | 21.26 |
| | 8H | 19.99 | 20.30 | 20.51 | 20.80 | 21.38 | 19.93 | 20.25 | 20.46 | 20.75 | 21.32 |
| 对应照射距离，改变观察者位置S | | | | | | | | | | | |
| S = 1.0H | 0.3/-0.5 | | | | | 0.3/-0.6 | | | | | |
| S = 1.5H | 0.9/-0.9 | | | | | 1.0/-0.9 | | | | | |
| S = 2.0H | 1.9/-1.2 | | | | | 2.0/-1.2 | | | | | |
| 标准表格 | BK3 | | | | | BK3 | | | | | |
| 更正系数 | 0.3 | | | | | 0.1 | | | | | |

ROLED 水下灯

光强数据表(cd)

附页 第7页 共8页

| C/γ(°) | 0.0 | 2.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 16.0 |
|--------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0.0 | 7553.28 | 6801.25 | 4417.02 | 2348.94 | 1365.93 | 953.08 | 711.36 | 554.05 | 435.87 |
| 30.0 | 7568.63 | 6945.52 | 4689.43 | 2477.09 | 1407.37 | 950.01 | 711.36 | 557.11 | 435.87 |
| 60.0 | 7603.16 | 6720.68 | 4238.99 | 2233.83 | 1332.63 | 915.10 | 692.02 | 542.38 | 426.28 |
| 90.0 | 7552.51 | 6940.15 | 4671.02 | 2458.67 | 1381.28 | 920.85 | 696.01 | 534.86 | 417.45 |
| 120.0 | 7589.35 | 6475.89 | 4068.63 | 2129.47 | 1270.70 | 869.59 | 653.50 | 502.32 | 399.04 |
| 150.0 | 7567.09 | 6699.96 | 4342.58 | 2201.60 | 1306.07 | 889.39 | 677.59 | 524.89 | 411.31 |
| 180.0 | 7553.28 | 6152.05 | 3730.21 | 1966.02 | 1184.52 | 851.10 | 647.82 | 509.31 | 401.72 |
| 210.0 | 7568.63 | 6191.96 | 3616.64 | 1909.23 | 1182.60 | 851.48 | 649.74 | 509.84 | 407.40 |
| 240.0 | 7613.14 | 6439.05 | 3921.29 | 2102.61 | 1273.84 | 898.60 | 682.96 | 546.37 | 435.10 |
| 270.0 | 7552.51 | 6175.84 | 3609.74 | 1911.53 | 1219.59 | 869.67 | 670.30 | 531.79 | 427.74 |
| 300.0 | 7589.35 | 6552.62 | 4074.00 | 2170.91 | 1299.17 | 910.11 | 689.87 | 550.21 | 437.40 |
| 330.0 | 7567.09 | 6428.31 | 3905.94 | 2038.15 | 1272.23 | 895.60 | 683.35 | 535.32 | 426.51 |
| 360.0 | 7553.28 | 6801.25 | 4417.02 | 2348.94 | 1365.93 | 953.08 | 711.36 | 554.05 | 435.87 |
| C/γ(°) | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 |
| 0.0 | 348.85 | 278.33 | 221.54 | 179.64 | 146.65 | 120.48 | 100.53 | 86.10 | 73.74 |
| 30.0 | 350.77 | 278.17 | 221.39 | 178.57 | 146.49 | 120.63 | 101.68 | 85.79 | 73.51 |
| 60.0 | 338.11 | 267.66 | 215.33 | 173.12 | 140.58 | 116.95 | 98.15 | 84.33 | 72.21 |
| 90.0 | 335.73 | 266.43 | 212.72 | 172.28 | 142.27 | 117.79 | 99.99 | 85.26 | 73.59 |
| 120.0 | 316.77 | 251.85 | 204.35 | 165.98 | 137.59 | 113.49 | 96.77 | 82.95 | 72.06 |
| 150.0 | 329.97 | 261.83 | 208.80 | 170.74 | 139.97 | 116.26 | 98.76 | 84.33 | 73.13 |
| 180.0 | 319.61 | 253.69 | 205.20 | 166.67 | 136.52 | 114.49 | 96.77 | 82.72 | 71.83 |
| 210.0 | 325.37 | 262.75 | 209.49 | 169.97 | 140.97 | 116.41 | 98.45 | 84.26 | 73.21 |
| 240.0 | 349.46 | 279.48 | 223.15 | 178.80 | 147.57 | 121.71 | 101.60 | 87.48 | 75.51 |
| 270.0 | 341.25 | 275.33 | 219.47 | 177.57 | 145.03 | 119.25 | 101.06 | 85.95 | 74.36 |
| 300.0 | 351.92 | 281.86 | 225.38 | 183.17 | 150.10 | 123.62 | 103.21 | 88.56 | 76.12 |
| 330.0 | 339.10 | 273.26 | 217.47 | 175.81 | 144.11 | 120.09 | 100.91 | 85.72 | 74.36 |
| 360.0 | 348.85 | 278.33 | 221.54 | 179.64 | 146.65 | 120.48 | 100.53 | 86.10 | 73.74 |
| C/γ(°) | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 | 50.0 | 52.0 |
| 0.0 | 64.15 | 57.17 | 51.11 | 46.20 | 42.05 | 38.45 | 35.30 | 32.61 | 30.08 |
| 30.0 | 64.61 | 57.09 | 51.11 | 46.27 | 42.36 | 38.75 | 35.61 | 32.84 | 30.23 |
| 60.0 | 63.92 | 56.94 | 51.49 | 46.89 | 42.74 | 39.37 | 36.22 | 33.53 | 31.16 |
| 90.0 | 64.92 | 57.63 | 51.87 | 47.35 | 43.36 | 39.90 | 36.68 | 33.92 | 31.23 |
| 120.0 | 64.00 | 56.94 | 51.64 | 46.81 | 43.05 | 39.60 | 36.68 | 33.92 | 31.31 |
| 150.0 | 64.84 | 57.55 | 52.10 | 47.58 | 43.74 | 40.29 | 37.14 | 34.53 | 32.08 |
| 180.0 | 63.62 | 56.79 | 51.18 | 46.81 | 42.74 | 39.21 | 36.22 | 33.61 | 31.08 |
| 210.0 | 64.46 | 57.48 | 51.64 | 47.12 | 43.05 | 39.37 | 36.53 | 33.76 | 31.31 |
| 240.0 | 65.92 | 59.01 | 52.95 | 48.04 | 44.05 | 40.52 | 37.37 | 34.84 | 32.08 |
| 270.0 | 65.30 | 58.09 | 52.41 | 47.58 | 43.43 | 39.67 | 36.76 | 33.92 | 31.54 |
| 300.0 | 66.30 | 59.32 | 53.10 | 48.04 | 43.66 | 40.06 | 36.76 | 34.15 | 31.46 |
| 330.0 | 65.23 | 57.86 | 52.03 | 47.04 | 42.90 | 39.14 | 36.14 | 33.38 | 30.77 |
| 360.0 | 64.15 | 57.17 | 51.11 | 46.20 | 42.05 | 38.45 | 35.30 | 32.61 | 30.08 |
| C/γ(°) | 54.0 | 56.0 | 58.0 | 60.0 | 62.0 | 64.0 | 66.0 | 68.0 | 70.0 |
| 0.0 | 27.70 | 25.63 | 23.64 | 21.72 | 19.88 | 17.88 | 15.96 | 14.04 | 12.05 |
| 30.0 | 28.01 | 25.86 | 23.87 | 21.95 | 20.11 | 18.19 | 16.27 | 14.20 | 12.43 |
| 60.0 | 28.93 | 26.78 | 24.63 | 22.71 | 20.72 | 18.72 | 16.73 | 14.73 | 12.51 |
| 90.0 | 28.78 | 26.55 | 24.48 | 22.41 | 20.64 | 18.65 | 16.65 | 14.73 | 12.66 |
| 120.0 | 29.01 | 26.78 | 24.48 | 22.41 | 20.34 | 18.34 | 16.19 | 14.27 | 12.28 |
| 150.0 | 29.62 | 27.47 | 25.25 | 23.10 | 21.03 | 18.95 | 16.96 | 14.73 | 12.66 |
| 180.0 | 28.78 | 26.63 | 24.40 | 22.48 | 20.41 | 18.26 | 16.04 | 13.97 | 11.89 |
| 210.0 | 29.01 | 26.86 | 24.63 | 22.64 | 20.49 | 18.34 | 16.27 | 14.12 | 11.89 |
| 240.0 | 29.70 | 27.47 | 25.09 | 22.94 | 20.87 | 18.80 | 16.65 | 14.50 | 12.28 |
| 270.0 | 29.08 | 26.78 | 24.48 | 22.48 | 20.34 | 18.03 | 15.88 | 13.74 | 11.59 |
| 300.0 | 29.01 | 26.78 | 24.56 | 22.41 | 20.41 | 18.26 | 16.11 | 14.12 | 11.97 |
| 330.0 | 28.47 | 26.24 | 23.94 | 22.02 | 20.03 | 18.03 | 15.96 | 13.89 | 11.82 |
| 360.0 | 27.70 | 25.63 | 23.64 | 21.72 | 19.88 | 17.88 | 15.96 | 14.04 | 12.05 |

ROLED 水下灯

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 | 10.13 | 8.21 | 6.45 | 4.76 | 3.30 | 2.00 | 1.00 | 0.38 | 0.08 |
| 30.0 | 10.44 | 8.52 | 6.75 | 4.99 | 3.45 | 2.23 | 1.07 | 0.46 | 0.08 |
| 60.0 | 10.67 | 8.67 | 6.75 | 5.06 | 3.45 | 2.15 | 1.23 | 0.38 | 0.08 |
| 90.0 | 10.67 | 8.75 | 6.98 | 5.22 | 3.53 | 2.23 | 1.15 | 0.46 | 0.08 |
| 120.0 | 10.28 | 8.29 | 6.52 | 4.68 | 3.15 | 1.92 | 0.92 | 0.38 | 0.08 |
| 150.0 | 10.67 | 8.59 | 6.75 | 4.99 | 3.38 | 2.07 | 1.07 | 0.38 | 0.00 |
| 180.0 | 9.98 | 7.83 | 6.14 | 4.37 | 2.92 | 1.76 | 0.84 | 0.23 | 0.00 |
| 210.0 | 9.90 | 7.90 | 5.99 | 4.22 | 2.76 | 1.61 | 0.61 | 0.15 | 0.00 |
| 240.0 | 10.13 | 8.21 | 6.22 | 4.53 | 2.99 | 1.76 | 0.77 | 0.31 | 0.00 |
| 270.0 | 9.59 | 7.60 | 5.68 | 3.99 | 2.61 | 1.46 | 0.61 | 0.15 | 0.00 |
| 300.0 | 9.98 | 7.98 | 6.06 | 4.30 | 2.92 | 1.69 | 0.69 | 0.23 | 0.00 |
| 330.0 | 9.90 | 7.90 | 5.99 | 4.45 | 2.99 | 1.69 | 0.77 | 0.23 | 0.00 |
| 360.0 | 10.13 | 8.21 | 6.45 | 4.76 | 3.30 | 2.00 | 1.00 | 0.38 | 0.08 |

| | |
|-----------------|------|
| 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 |