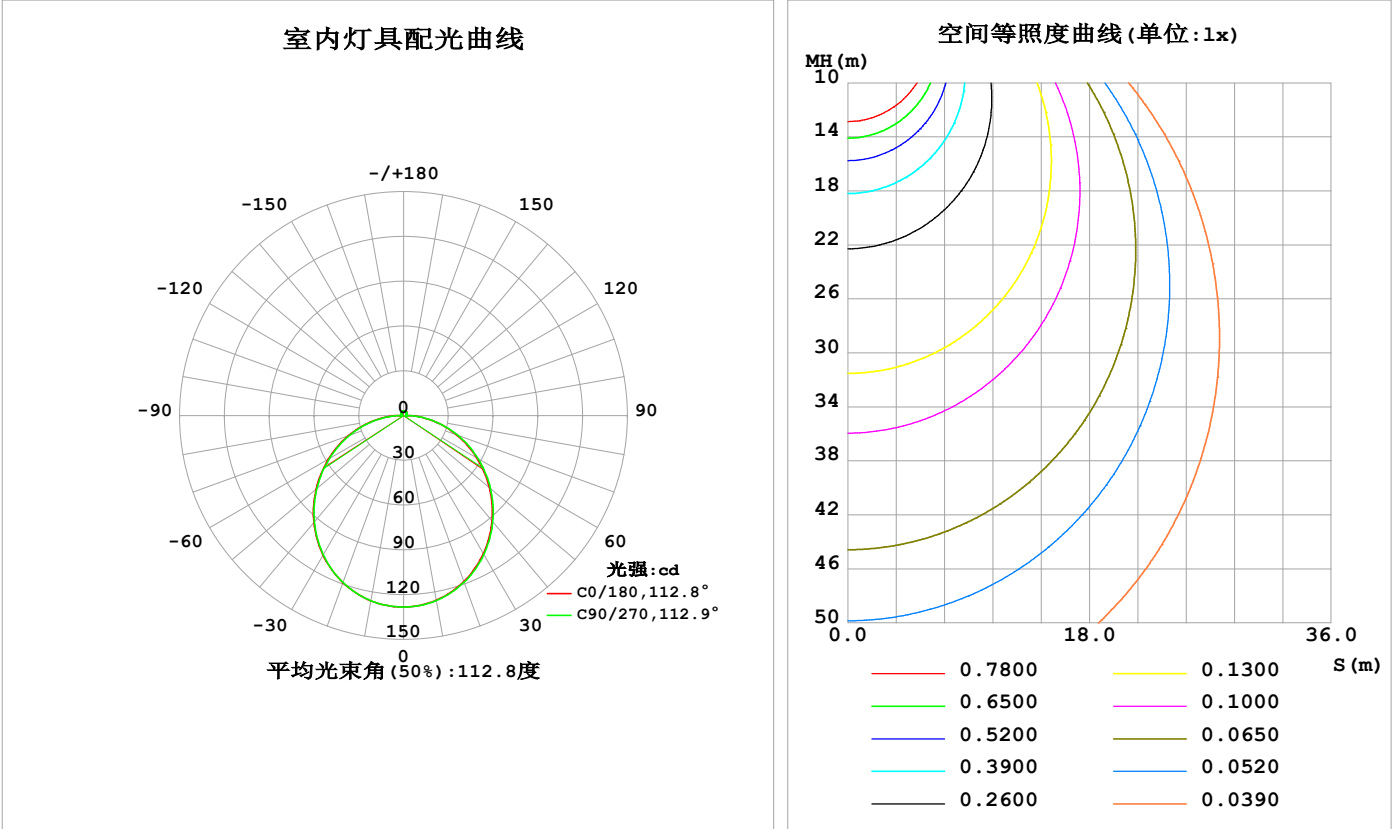


室内灯具光度数据

|   |  |                 |  |       |  |
|---|--|-----------------|--|-------|--|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz |  |                 |  |       |  |
| 实检光通: 391.756x1 lm                                  |  |                 |  |       |  |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                |  | 灯具类型:           |  | 灯具重量: |  |
| 灯具规格:   |  | 外型尺寸: Length=1m |  | 测试编号: |  |
| 制造厂商:   |  | 发光口面:           |  | 遮光角:  |  |

| 光源数据      |         | 光度数据     |        |                   |          | 光效: 22.78 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号        |         | 峰值光强(cd) | 128.3  | S/MH(C0/180)      | 1.25     |                |
| 标称功率(W)   |         | 灯具效率(%)  | 100.0  | S/MH(C90/270)     | 1.25     |                |
| 额定电源电压(V) |         | 总光通量(lm) | 391.76 | η UP,DN(C0-180)   | 1.8,48.1 |                |
| 额定光通量(lm) | 391.756 | CIE分类    | 直接     | η UP,DN(C180-360) | 1.8,48.2 |                |
| 灯具内光源数(只) | 1       | 上射光通比(%) | 3.7    | CIBSE SHR NOM     | 1.25     |                |
| 实测电源电压(V) |         | 下射光通比(%) | 96.3   | CIBSE SHR MAX     | 1.35     |                |



C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Cloud  
测试日期: 2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度: 65.0%  
测试距离: 6.360米 [K=1.0000]  
备注: ALL

灯具环带光通量

环带光通量：

| γ    | C0    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ(°)    | Φ环     | Φ总    | %lum, lamp |
|------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|-------|------------|
| 10   | 125.6 | 125.8 | 125.8 | 125.9 | 126.0 | 126.0 | 126.0 | 125.9 | 0- 10   | 12.13  | 12.13 | 3.1,3.1    |
| 20   | 118.2 | 118.6 | 118.7 | 118.9 | 119.1 | 119.1 | 119.0 | 118.8 | 10- 20  | 34.68  | 46.81 | 11.9,11.9  |
| 30   | 106.9 | 107.2 | 107.5 | 107.8 | 108.0 | 108.0 | 107.7 | 107.5 | 20- 30  | 52.38  | 99.19 | 25.3,25.3  |
| 40   | 92.12 | 92.56 | 92.93 | 93.24 | 93.57 | 93.42 | 93.03 | 92.83 | 30- 40  | 62.96  | 162.1 | 41.4,41.4  |
| 50   | 75.04 | 75.52 | 75.99 | 76.24 | 76.57 | 76.33 | 75.88 | 75.70 | 40- 50  | 65.33  | 227.5 | 58.1,58.1  |
| 60   | 56.61 | 57.08 | 57.62 | 57.75 | 58.17 | 57.86 | 57.37 | 57.25 | 50- 60  | 59.73  | 287.2 | 73.3,73.3  |
| 70   | 37.74 | 38.16 | 38.58 | 38.74 | 39.24 | 38.87 | 38.35 | 38.28 | 60- 70  | 47.52  | 334.7 | 85.4,85.4  |
| 80   | 19.18 | 19.45 | 19.60 | 19.94 | 20.49 | 20.03 | 19.44 | 19.50 | 70- 80  | 30.68  | 365.4 | 93.3,93.3  |
| 90   | 4.801 | 3.920 | 1.713 | 4.022 | 5.250 | 4.157 | 1.980 | 4.046 | 80- 90  | 11.95  | 377.4 | 96.3,96.3  |
| 100  | 1.742 | 1.711 | 1.766 | 1.709 | 1.570 | 1.899 | 1.986 | 1.976 | 90-100  | 2.305  | 379.7 | 96.9,96.9  |
| 110  | 1.986 | 1.959 | 1.989 | 1.953 | 1.774 | 2.049 | 1.957 | 2.118 | 100-110 | 1.996  | 381.7 | 97.4,97.4  |
| 120  | 2.221 | 2.124 | 2.186 | 2.193 | 1.992 | 2.202 | 2.004 | 2.260 | 110-120 | 2.055  | 383.7 | 97.9,97.9  |
| 130  | 2.435 | 2.302 | 2.370 | 2.414 | 2.215 | 2.372 | 2.250 | 2.324 | 120-130 | 2.018  | 385.7 | 98.5,98.5  |
| 140  | 2.633 | 2.498 | 2.547 | 2.622 | 2.433 | 2.562 | 2.524 | 2.336 | 130-140 | 1.882  | 387.6 | 98.9,98.9  |
| 150  | 2.822 | 2.680 | 2.815 | 2.828 | 2.668 | 2.775 | 2.790 | 2.626 | 140-150 | 1.656  | 389.3 | 99.4,99.4  |
| 160  | 2.986 | 2.971 | 3.012 | 3.028 | 2.897 | 2.971 | 2.990 | 2.962 | 150-160 | 1.323  | 390.6 | 99.7,99.7  |
| 170  | 3.035 | 3.126 | 3.168 | 3.170 | 2.998 | 3.147 | 3.169 | 3.135 | 160-170 | 0.8639 | 391.5 | 99.9,99.9  |
| 180  | 3.089 | 3.216 | 3.244 | 3.231 | 3.095 | 3.222 | 3.250 | 3.245 | 170-180 | 0.3024 | 391.8 | 100,100    |
| 单位:° | 光强:cd |       |       |       |       |       |       |       |         | 单位:lm  |       |            |

锥面光通量(90度)：195.04 lm

%lum = 49.8%  
%lamp = 49.8%

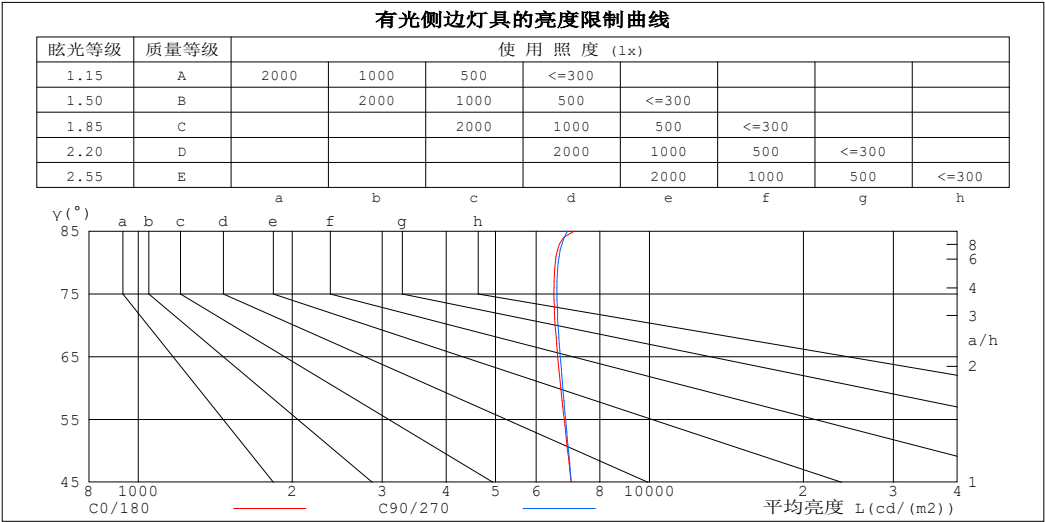
锥面光通量(130度)：312.83 lm

%lum = 79.9%  
%lamp = 79.9%

|   |   |
|---|---|
| C角度范围： 0度 - 360度<br>C角度间隔：22.5度<br>测试速度：快速<br>环境温度:25.3℃<br>测试人员:Cloud<br>测试日期:2024-10-28 | γ角度范围： 0度 - 180度<br>γ角度间隔： 1.0度<br>测试系统：远方(EVERFINE) GO-2000B_V1 系统 V2.00.488<br>环境湿度:65.0%<br>测试距离:6.360米 [K=1.0000]<br>备注：ALL |
|---|---|

灯具亮度限制曲线

|   |                |       |
|---|----------------|-------|
| 实测参数：U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通：391.756x1 lm |                |       |
| 灯具名称：SF16-24V-5050-72-RGBW(4000)-80                                     | 灯具类型：          | 灯具重量： |
| 灯具规格：   | 外型尺寸：Length=1m | 测试编号： |
| 制造厂商：   | 发光口面：          | 遮光角：  |



| 平均亮度值 cd/(m2) |        |         |
|---------------|--------|---------|
| γ (°)         | C0/180 | C90/270 |
| 85            | 7136   | 6915    |
| 80            | 6544   | 6630    |
| 75            | 6501   | 6590    |
| 70            | 6538   | 6624    |
| 65            | 6615   | 6691    |
| 60            | 6708   | 6768    |
| 55            | 6809   | 6850    |
| 50            | 6917   | 6942    |
| 45            | 7022   | 7031    |

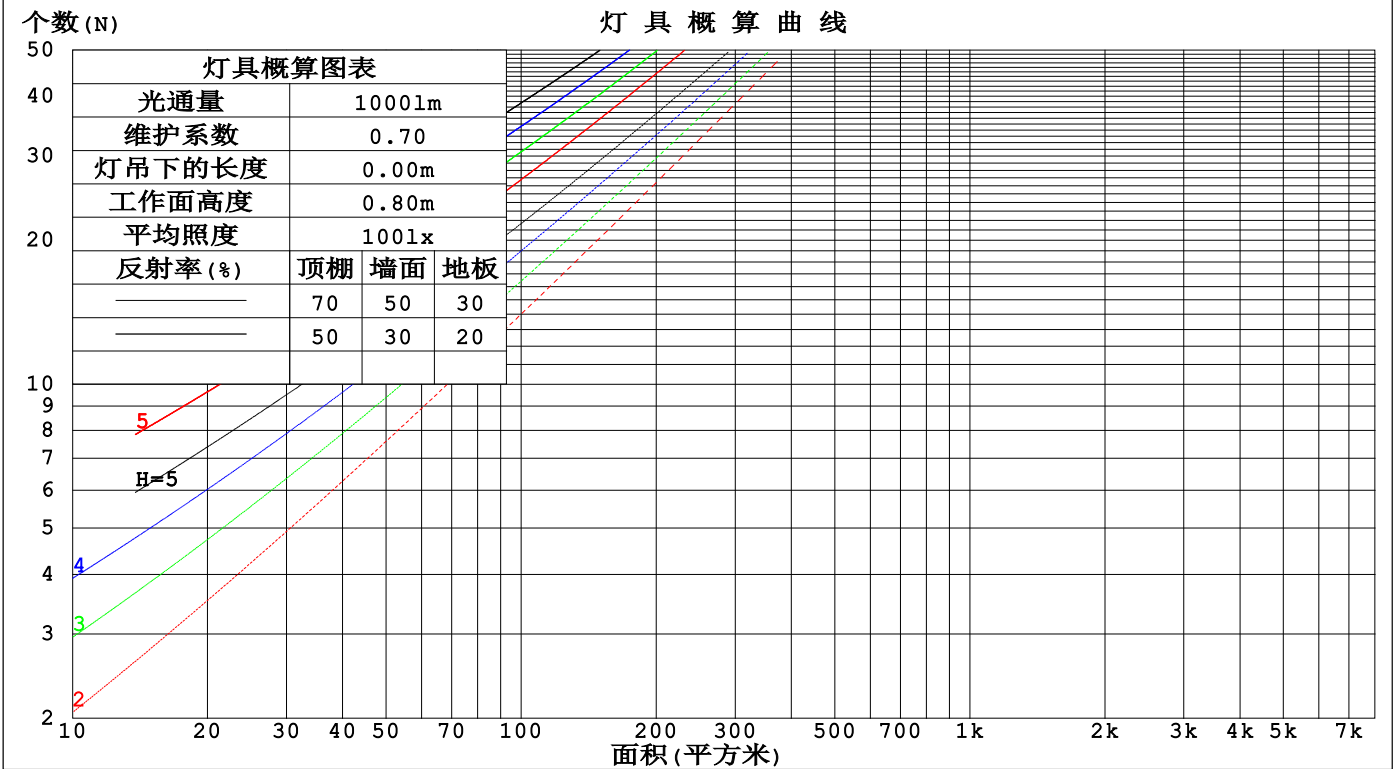
C角度范围： 0度 - 360度  
C角度间隔： 22.5度  
测试速度： 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

γ角度范围： 0度 - 180度  
γ角度间隔： 1.0度  
测试系统： 远方 (EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度:65.0%  
测试距离:6.360米 [K=1.0000]  
备注： ALL

工作面利用系数和灯具概算曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |

|      |               |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| 顶棚   | 80%           |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10% |     |     | 0   |
| 墙面   | 50%           | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50% | 30% | 10% | 0   |
| 地板   | 20%           |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20% |     |     | 0   |
| 室空间比 | 工 作 面 利 用 系 数 |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
| 0.0  | 1.18          | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.09 | 1.09 | 1.09 | 1.04 | 1.04 | 1.04 | .99 | .99 | .99 | .96 |
| 1.0  | 1.02          | .98  | .93  | .99  | .95  | .92  | .95  | .91  | .88  | .90  | .87  | .85  | .86 | .84 | .82 | .79 |
| 2.0  | .89           | .81  | .76  | .86  | .80  | .74  | .82  | .77  | .72  | .78  | .74  | .70  | .75 | .71 | .68 | .65 |
| 3.0  | .78           | .69  | .62  | .76  | .68  | .62  | .72  | .65  | .60  | .69  | .63  | .59  | .66 | .61 | .57 | .55 |
| 4.0  | .69           | .60  | .53  | .67  | .59  | .52  | .64  | .57  | .51  | .61  | .55  | .50  | .59 | .53 | .49 | .46 |
| 5.0  | .61           | .52  | .45  | .60  | .51  | .45  | .57  | .50  | .44  | .55  | .48  | .43  | .53 | .47 | .42 | .40 |
| 6.0  | .55           | .46  | .39  | .54  | .45  | .39  | .52  | .44  | .38  | .50  | .43  | .38  | .48 | .42 | .37 | .35 |
| 7.0  | .50           | .41  | .35  | .49  | .40  | .34  | .47  | .39  | .34  | .45  | .38  | .33  | .43 | .38 | .33 | .31 |
| 8.0  | .45           | .37  | .31  | .45  | .36  | .31  | .43  | .36  | .30  | .41  | .35  | .30  | .40 | .34 | .29 | .28 |
| 9.0  | .42           | .33  | .28  | .41  | .33  | .28  | .39  | .32  | .27  | .38  | .32  | .27  | .37 | .31 | .27 | .25 |
| 10.0 | .38           | .30  | .25  | .38  | .30  | .25  | .37  | .30  | .25  | .35  | .29  | .24  | .34 | .28 | .24 | .22 |



C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Cloud  
测试日期: 2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度: 65.0%  
测试距离: 6.360米 [K=1.0000]  
备注: ALL

墙面和天花板利用系数

|   |  |  |                 |  |       |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |  |  |                 |  |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      |  |  | 灯具类型:           |  | 灯具重量: |
| 灯具规格:   |  |  | 外型尺寸: Length=1m |  | 测试编号: |
| 制造厂商:   |  |  | 发光口面:           |  | 遮光角:  |

|      |               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 顶棚   | 80%           |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
| 墙面   | 50%           | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| 地板   | 20%           |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| 室空间比 | 墙 壁 面 利 用 系 数 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 1.0  | .327          | .186 | .059 | .318 | .182 | .058 | .303 | .174 | .056 | .289 | .167 | .053 | .276 | .160 | .052 |   |
| 2.0  | .301          | .165 | .051 | .294 | .162 | .050 | .280 | .156 | .048 | .268 | .150 | .047 | .256 | .145 | .046 |   |
| 3.0  | .276          | .147 | .044 | .270 | .144 | .043 | .257 | .139 | .042 | .246 | .135 | .041 | .235 | .130 | .040 |   |
| 4.0  | .253          | .132 | .039 | .247 | .129 | .038 | .236 | .125 | .037 | .226 | .122 | .037 | .217 | .118 | .036 |   |
| 5.0  | .233          | .119 | .034 | .228 | .117 | .034 | .218 | .114 | .033 | .209 | .110 | .033 | .201 | .107 | .032 |   |
| 6.0  | .215          | .108 | .031 | .211 | .107 | .031 | .202 | .104 | .030 | .194 | .101 | .030 | .186 | .098 | .029 |   |
| 7.0  | .200          | .099 | .028 | .196 | .098 | .028 | .188 | .095 | .027 | .181 | .093 | .027 | .174 | .090 | .027 |   |
| 8.0  | .187          | .091 | .026 | .183 | .090 | .025 | .176 | .088 | .025 | .169 | .086 | .025 | .163 | .084 | .024 |   |
| 9.0  | .175          | .084 | .024 | .171 | .083 | .023 | .165 | .081 | .023 | .159 | .080 | .023 | .153 | .078 | .022 |   |
| 10.0 | .164          | .079 | .022 | .161 | .078 | .022 | .155 | .076 | .021 | .150 | .074 | .021 | .144 | .073 | .021 |   |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 顶棚   | 80%     |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
| 墙面   | 50%     | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| 地板   | 20%     |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| 室空间比 | 天花板利用系数 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0  | .218    | .218 | .218 | .187 | .187 | .187 | .127 | .127 | .127 | .073 | .073 | .073 | .023 | .023 | .023 |   |
| 1.0  | .210    | .184 | .161 | .179 | .158 | .139 | .123 | .109 | .096 | .071 | .063 | .056 | .023 | .020 | .018 |   |
| 2.0  | .202    | .160 | .125 | .173 | .138 | .108 | .119 | .095 | .076 | .068 | .056 | .044 | .022 | .018 | .014 |   |
| 3.0  | .194    | .143 | .102 | .167 | .123 | .088 | .114 | .086 | .062 | .066 | .050 | .037 | .021 | .016 | .012 |   |
| 4.0  | .187    | .130 | .086 | .160 | .112 | .075 | .110 | .078 | .053 | .064 | .046 | .031 | .020 | .015 | .010 |   |
| 5.0  | .179    | .120 | .076 | .154 | .103 | .066 | .106 | .072 | .046 | .061 | .042 | .028 | .020 | .014 | .009 |   |
| 6.0  | .172    | .111 | .068 | .148 | .096 | .059 | .102 | .067 | .042 | .059 | .040 | .025 | .019 | .013 | .008 |   |
| 7.0  | .165    | .104 | .062 | .142 | .090 | .054 | .098 | .063 | .038 | .057 | .037 | .023 | .018 | .012 | .008 |   |
| 8.0  | .158    | .099 | .058 | .136 | .086 | .050 | .094 | .060 | .036 | .055 | .035 | .021 | .018 | .012 | .007 |   |
| 9.0  | .152    | .094 | .054 | .131 | .081 | .047 | .091 | .057 | .034 | .053 | .034 | .020 | .017 | .011 | .007 |   |
| 10.0 | .146    | .089 | .051 | .126 | .078 | .045 | .088 | .055 | .032 | .051 | .032 | .019 | .017 | .011 | .006 |   |

|   |   |
|---|---|
| C角度范围: 0度 - 360度<br>C角度间隔: 22.5度<br>测试速度: 快速<br>环境温度:25.3℃<br>测试人员:Cloud<br>测试日期:2024-10-28 | γ角度范围: 0度 - 180度<br>γ角度间隔: 1.0度<br>测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488<br>环境湿度:65.0%<br>测试距离:6.360米 [K=1.0000]<br>备注: ALL |
|---|---|

UGR(Unified Glare Rating)数据表

|   |                      |      |      |      |                 |                    |      |       |      |      |
|---|----------------------|------|------|------|-----------------|--------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                      |      |      |      |                 |                    |      |       |      |      |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      |                      |      |      |      | 灯具类型:           |                    |      | 灯具重量: |      |      |
| 灯具规格:   |                      |      |      |      | 外型尺寸: Length=1m |                    |      | 测试编号: |      |      |
| 制造厂商:   |                      |      |      |      | 发光口面:           |                    |      | 遮光角:  |      |      |
| 反射比: 天花板  | 0.7                  | 0.7  | 0.5  | 0.5  | 0.3             | 0.7                | 0.7  | 0.5   | 0.5  | 0.3  |
| 墙面  | 0.5                  | 0.3  | 0.5  | 0.3  | 0.3             | 0.5                | 0.3  | 0.5   | 0.3  | 0.3  |
| 工作面   | 0.2                  | 0.2  | 0.2  | 0.2  | 0.2             | 0.2                | 0.2  | 0.2   | 0.2  | 0.2  |
| 房间尺寸  | 横向(Viewed crosswise) |      |      |      |                 | 纵向(Viewed endwise) |      |       |      |      |
| x = 2H y = 2H   | 22.5                 | 24.0 | 22.9 | 24.3 | 24.6            | 22.6               | 24.1 | 22.9  | 24.3 | 24.6 |
| 3H  | 24.2                 | 25.6 | 24.6 | 25.9 | 26.2            | 24.3               | 25.6 | 24.6  | 25.9 | 26.3 |
| 4H  | 25.0                 | 26.3 | 25.3 | 26.6 | 26.9            | 25.0               | 26.3 | 25.4  | 26.6 | 27.0 |
| 6H  | 25.6                 | 26.8 | 26.0 | 27.2 | 27.5            | 25.6               | 26.9 | 26.0  | 27.2 | 27.6 |
| 8H  | 25.8                 | 27.0 | 26.2 | 27.4 | 27.7            | 25.9               | 27.1 | 26.3  | 27.4 | 27.8 |
| 12H   | 26.0                 | 27.2 | 26.4 | 27.5 | 27.9            | 26.1               | 27.2 | 26.5  | 27.6 | 28.0 |
| 4H 2H   | 23.2                 | 24.5 | 23.5 | 24.8 | 25.1            | 23.2               | 24.5 | 23.6  | 24.8 | 25.2 |
| 3H  | 25.1                 | 26.2 | 25.5 | 26.6 | 27.0            | 25.1               | 26.2 | 25.5  | 26.6 | 27.0 |
| 4H  | 25.9                 | 27.0 | 26.4 | 27.4 | 27.8            | 26.0               | 27.0 | 26.4  | 27.4 | 27.8 |
| 6H  | 26.7                 | 27.7 | 27.2 | 28.1 | 28.5            | 26.8               | 27.7 | 27.2  | 28.1 | 28.6 |
| 8H  | 27.0                 | 27.9 | 27.5 | 28.3 | 28.8            | 27.1               | 28.0 | 27.6  | 28.4 | 28.9 |
| 12H   | 27.3                 | 28.1 | 27.8 | 28.6 | 29.0            | 27.3               | 28.2 | 27.8  | 28.6 | 29.1 |
| 8H 4H   | 26.3                 | 27.2 | 26.7 | 27.6 | 28.1            | 26.3               | 27.2 | 26.8  | 27.6 | 28.1 |
| 6H  | 27.2                 | 28.0 | 27.7 | 28.4 | 29.0            | 27.3               | 28.0 | 27.8  | 28.5 | 29.0 |
| 8H  | 27.7                 | 28.3 | 28.2 | 28.8 | 29.3            | 27.7               | 28.4 | 28.2  | 28.9 | 29.4 |
| 12H   | 28.1                 | 28.6 | 28.6 | 29.1 | 29.7            | 28.1               | 28.7 | 28.6  | 29.2 | 29.7 |
| 12H 4H  | 26.3                 | 27.1 | 26.8 | 27.6 | 28.1            | 26.4               | 27.2 | 26.8  | 27.6 | 28.1 |
| 6H  | 27.3                 | 28.0 | 27.9 | 28.5 | 29.0            | 27.4               | 28.0 | 27.9  | 28.5 | 29.1 |
| 8H  | 27.8                 | 28.4 | 28.4 | 28.9 | 29.5            | 27.9               | 28.4 | 28.4  | 29.0 | 29.5 |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):                                       |                      |      |      |      |                 |                    |      |       |      |      |
| S = 1.0H  | + 0.1 / - 0.2        |      |      |      |                 | + 0.1 / - 0.2      |      |       |      |      |
| 1.5H  | + 0.2 / - 0.3        |      |      |      |                 | + 0.2 / - 0.3      |      |       |      |      |
| 2.0H  | + 0.1 / - 0.3        |      |      |      |                 | + 0.1 / - 0.3      |      |       |      |      |

依据CIE Pub.117计算, 391.8lm光源光通表格中的数据需要进行修正(8log(F/F0) = -3.3)。  
出光口面积: 0.017 m2

|                  |   |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度                          |
| C角度间隔: 22.5度     | γ角度间隔: 1.0度                               |
| 测试速度: 快速         | 测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488 |
| 环境温度:25.3℃       | 环境湿度:65.0%                                |
| 测试人员:Cloud       | 测试距离:6.360米 [K=1.0000]                    |
| 测试日期:2024-10-28  | 备注: ALL                                   |

UF利用系数表

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |

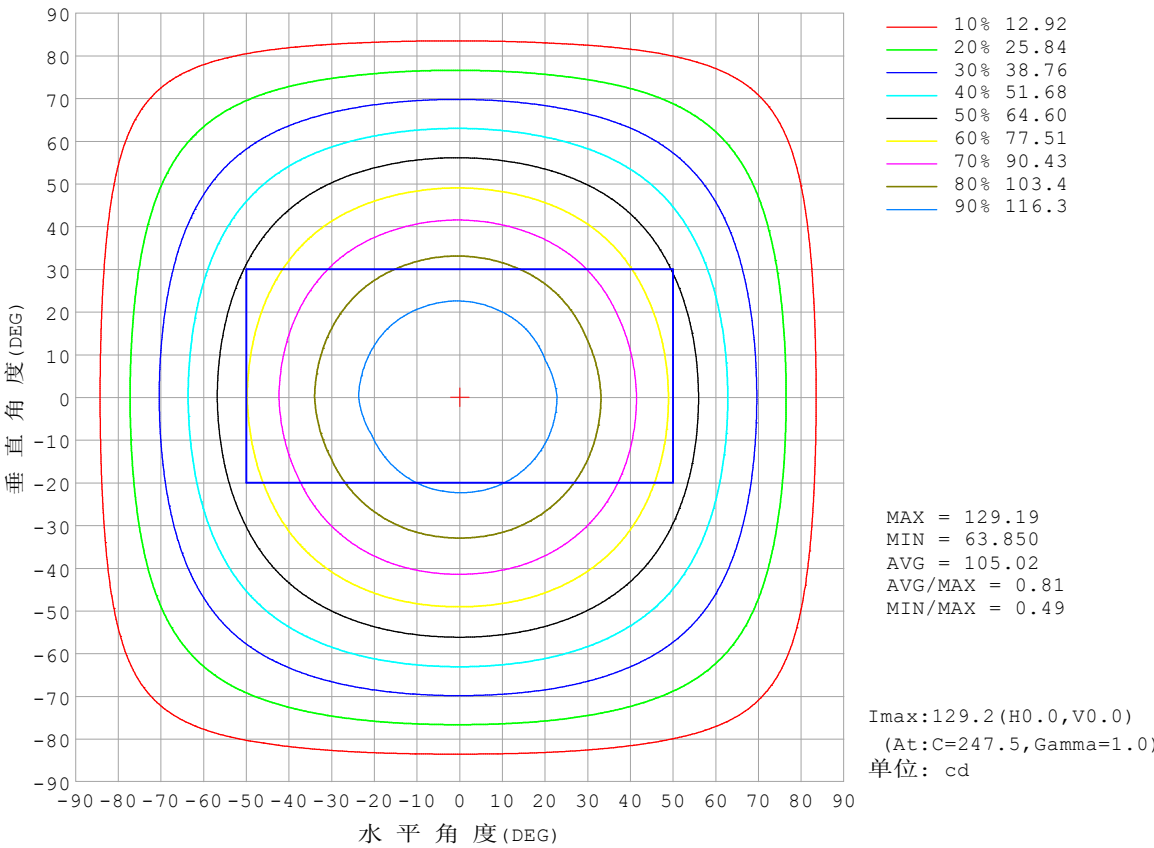
| 反 射 比 / REFLECTANCE        |   |     |     |     |     |     |                      |     |     |         |
|----------------------------|---|-----|-----|-----|-----|-----|----------------------|-----|-----|---------|
| 天花板                        | 0.8   | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                  | 0.5 | 0.5 | 0       |
| 墙壁                         | 0.7   | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7                  | 0.5 | 0.3 | 0       |
| 工作面                        | 0.2   | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2                  | 0.2 | 0.2 | 0       |
| 室形指数                       | 利用系数 UTILIZATION FACTORS(%) k(RI) x RCR = 5 |     |     |     |     |     |                      |     |     |         |
| k = 0.60                   | 56  | 44  | 37  | 55  | 44  | 37  | 53                   | 43  | 36  | 30      |
| 0.80                       | 65  | 54  | 46  | 64  | 53  | 46  | 62                   | 52  | 45  | 38      |
| 1.00                       | 74  | 62  | 55  | 72  | 62  | 54  | 70                   | 63  | 54  | 46      |
| 1.25                       | 81  | 70  | 62  | 79  | 69  | 62  | 76                   | 67  | 61  | 53      |
| 1.50                       | 86  | 75  | 68  | 84  | 74  | 67  | 80                   | 72  | 66  | 58      |
| 2.00                       | 93  | 84  | 77  | 91  | 82  | 76  | 87                   | 80  | 74  | 65      |
| 2.50                       | 97  | 89  | 82  | 94  | 87  | 81  | 90                   | 84  | 79  | 69      |
| 3.00                       | 100   | 93  | 87  | 98  | 91  | 86  | 93                   | 88  | 83  | 73      |
| 4.00                       | 104   | 98  | 93  | 102 | 96  | 92  | 97                   | 92  | 88  | 78      |
| 5.00                       | 107   | 102 | 97  | 104 | 99  | 95  | 99                   | 95  | 92  | 81      |
| ROOM INDEX                 | UF (总)                                      |     |     |     |     |     |                      |     |     | UF (直接) |
| 依据标准文件 DIN EN 13032-2 2004 |   |     | 悬挂灯 |     |     |     | 安装距高比 SHR NOM = 1.25 |     |     |         |

C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Cloud  
测试日期: 2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度: 65.0%  
测试距离: 6.360米 [K=1.0000]  
备注: ALL

灯 具 等 光 强 曲 线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |



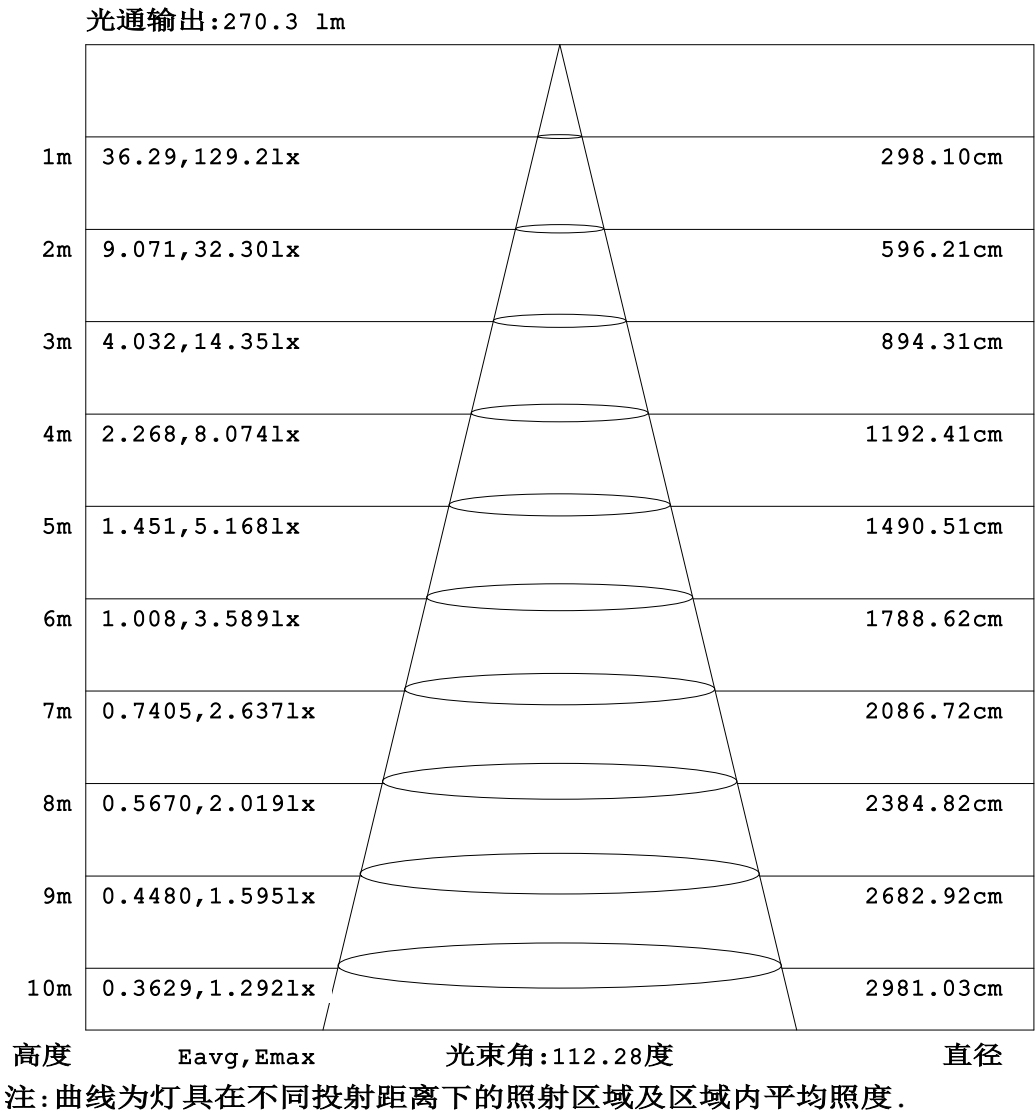
C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-2000B\_V1系统 V2.00.488  
环境湿度:65.0%  
测试距离:6.360米 [K=1.0000]  
备注: ALL



灯 具 有 效 平 均 照 度 图

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |

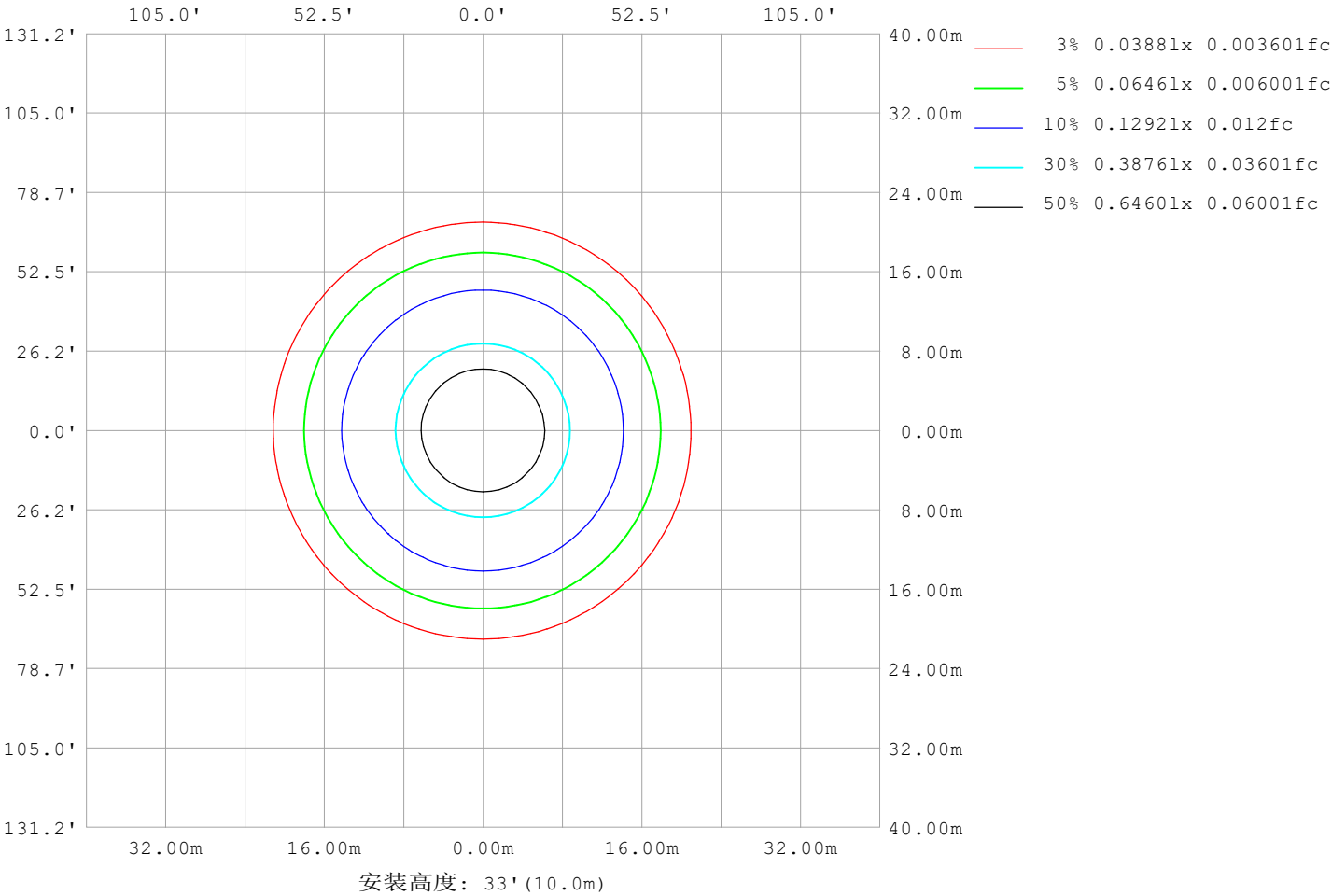


C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-2000B\_V1系统 V2.00.488  
环境湿度:65.0%  
测试距离:6.360米 [K=1.0000]  
备注: ALL

平面等照度曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |



C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Cloud  
测试日期: 2024-10-28

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方 (EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度: 65.0%  
测试距离: 6.360米 [K=1.0000]  
备注: ALL

LED筒灯平均亮度报告

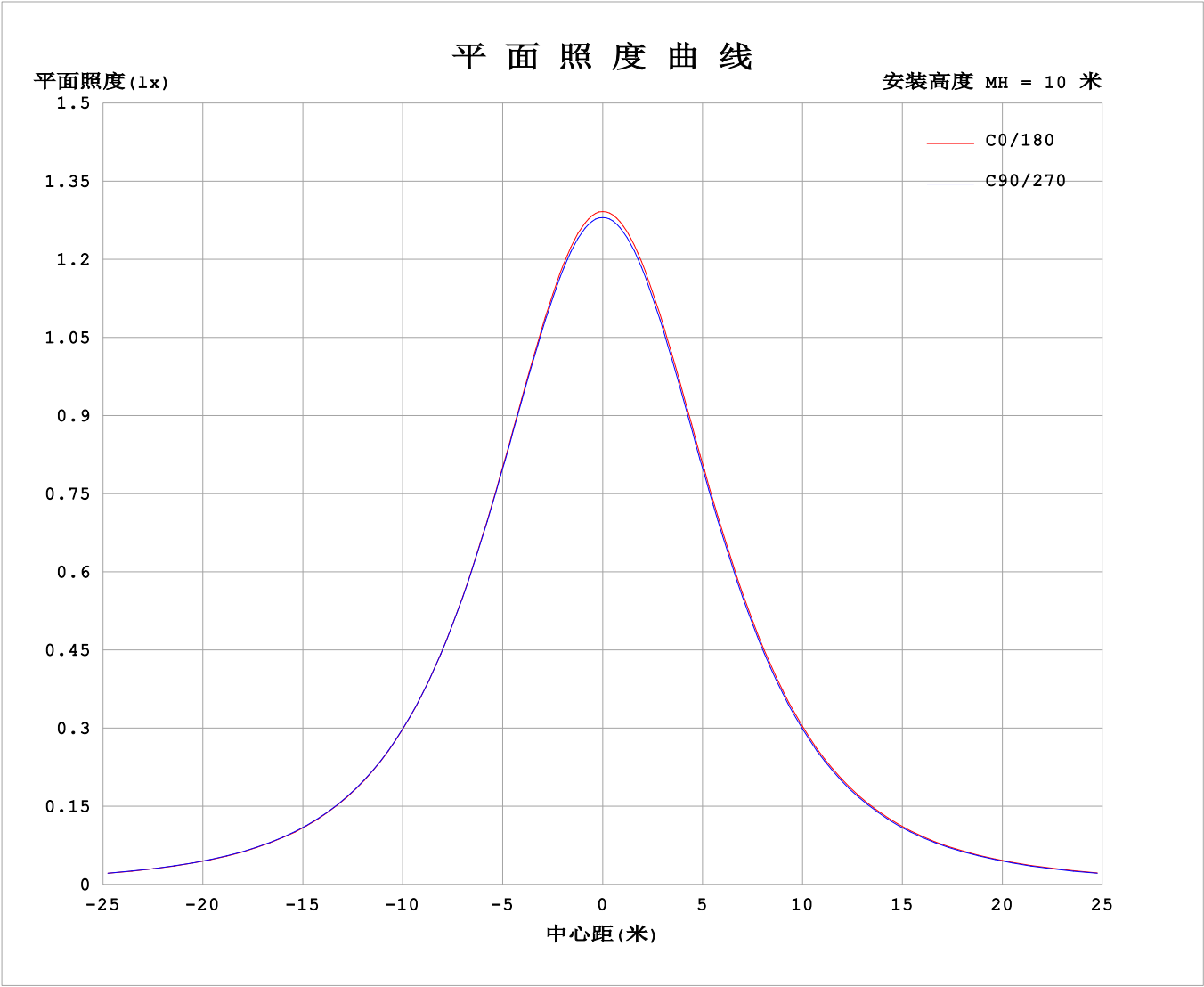
|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商:   | 发光口面:           | 遮光角:  |

| 平均亮度        | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av  | 6675       |
| L横 (75) av  | 6617       |
| L横 (85) av  | 7470       |
| L纵 (65) av  | 6684       |
| L纵 (75) av  | 6581       |
| L纵 (85) av  | 6861       |
| L45 (65) av | 6683       |
| L45 (75) av | 6607       |
| L45 (85) av | 7117       |

注:依据标准 GB/T 29293-2012 计算

|   |   |
|---|---|
| C角度范围: 0度 - 360度<br>C角度间隔: 22.5度<br>测试速度: 快速<br>环境温度:25.3℃<br>测试人员:Cloud<br>测试日期:2024-10-28 | γ角度范围: 0度 - 180度<br>γ角度间隔: 1.0度<br>测试系统: 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488<br>环境湿度:65.0%<br>测试距离:6.360米 [K=1.0000]<br>备注: ALL |
|---|---|

平面照度曲线



C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Cloud  
测试日期: 2024-10-28

Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方 (EVERFINE) GO-2000B\_V1 系统 V2.00.488  
环境湿度: 65.0%  
测试距离: 6.360米 [K=1.0000]  
备注: ALL

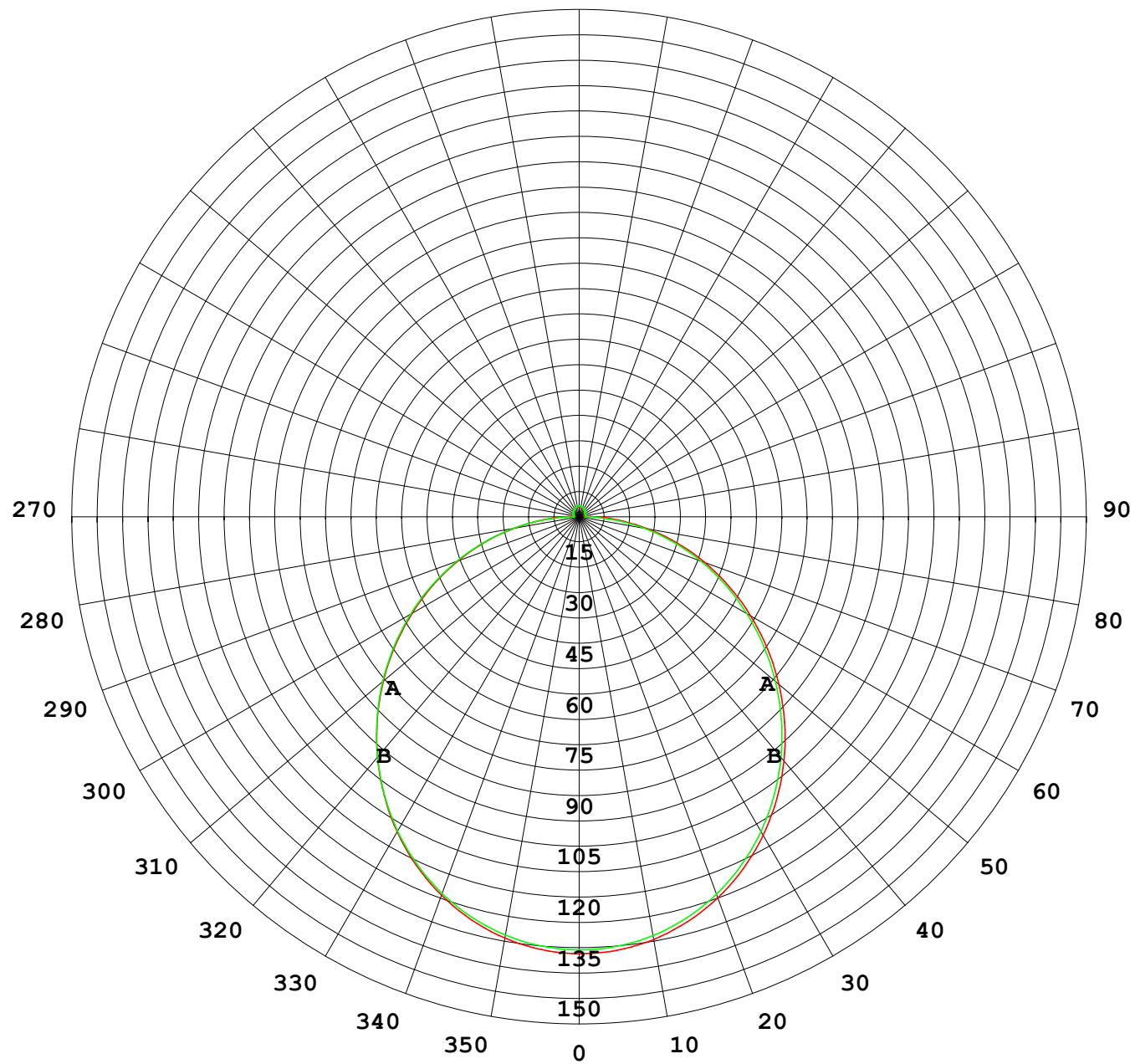
光 强 分 布 数 据 表 格

|   |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz<br>实检光通: 391.756x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
| 灯具名称: SF16-24V-5050-72-RGBW(4000)-80                                      |  |  |  |  |  |  |  |  | 灯具类型:           |  |  |  |  |  | 灯具重量: |  |  |
| 灯具规格:   |  |  |  |  |  |  |  |  | 外型尺寸: Length=1m |  |  |  |  |  | 测试编号: |  |  |
| 制造厂商:   |  |  |  |  |  |  |  |  | 发光口面:           |  |  |  |  |  | 遮光角:  |  |  |

|         |         |      |      |      |      |      |       |      |       |      |       |      |       |      |       |      |       |        |  |  |
|---------|---------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--------|--|--|
| 表--1    |         |      |      |      |      |      |       |      |       |      |       |      |       |      |       |      |       | 单位: cd |  |  |
| γ (DEG) | C (DEG) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |        |  |  |
|         |         | 0    | 128  | 128  | 128  | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   |        |  |  |
|         | 5       | 128  | 128  | 128  | 128  | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   | 128  | 128   |        |  |  |
|         | 10      | 126  | 126  | 126  | 126  | 126  | 126   | 126  | 126   | 126  | 126   | 126  | 126   | 126  | 126   | 126  | 126   |        |  |  |
|         | 15      | 122  | 123  | 123  | 123  | 123  | 123   | 123  | 123   | 123  | 123   | 123  | 123   | 123  | 123   | 123  | 123   |        |  |  |
|         | 20      | 118  | 118  | 119  | 119  | 119  | 119   | 119  | 119   | 119  | 119   | 119  | 119   | 119  | 119   | 119  | 119   |        |  |  |
|         | 25      | 113  | 113  | 113  | 114  | 114  | 114   | 114  | 114   | 114  | 114   | 114  | 114   | 114  | 114   | 114  | 113   |        |  |  |
|         | 30      | 107  | 107  | 107  | 107  | 108  | 108   | 108  | 108   | 108  | 108   | 108  | 108   | 108  | 108   | 107  | 107   |        |  |  |
|         | 35      | 99.9 | 100  | 100  | 101  | 101  | 101   | 101  | 101   | 101  | 101   | 101  | 101   | 101  | 101   | 101  | 100   |        |  |  |
|         | 40      | 92.1 | 92.4 | 92.6 | 92.9 | 92.9 | 93.2  | 93.2 | 93.4  | 93.6 | 93.4  | 93.4 | 93.1  | 93.0 | 92.8  | 92.8 | 92.5  |        |  |  |
|         | 45      | 83.8 | 84.1 | 84.2 | 84.6 | 84.7 | 85.0  | 85.0 | 85.2  | 85.3 | 85.2  | 85.1 | 84.8  | 84.7 | 84.5  | 84.5 | 84.2  |        |  |  |
|         | 50      | 75.0 | 75.3 | 75.5 | 75.9 | 76.0 | 76.2  | 76.2 | 76.4  | 76.6 | 76.4  | 76.3 | 76.0  | 75.9 | 75.7  | 75.7 | 75.4  |        |  |  |
|         | 55      | 65.9 | 66.2 | 66.4 | 66.8 | 66.9 | 67.1  | 67.1 | 67.3  | 67.5 | 67.3  | 67.2 | 66.8  | 66.7 | 66.6  | 66.6 | 66.3  |        |  |  |
|         | 60      | 56.6 | 56.9 | 57.1 | 57.5 | 57.6 | 57.8  | 57.8 | 57.9  | 58.2 | 58.0  | 57.9 | 57.5  | 57.4 | 57.2  | 57.2 | 57.0  |        |  |  |
|         | 65      | 47.2 | 47.4 | 47.6 | 48.0 | 48.2 | 48.3  | 48.3 | 48.5  | 48.7 | 48.5  | 48.4 | 48.0  | 47.9 | 47.7  | 47.8 | 47.5  |        |  |  |
|         | 70      | 37.7 | 38.0 | 38.2 | 38.5 | 38.6 | 38.7  | 38.7 | 39.0  | 39.2 | 39.1  | 38.9 | 38.5  | 38.4 | 38.2  | 38.3 | 38.1  |        |  |  |
|         | 75      | 28.4 | 28.6 | 28.8 | 29.0 | 29.0 | 29.2  | 29.3 | 29.6  | 29.8 | 29.6  | 29.4 | 29.0  | 28.9 | 28.7  | 28.8 | 28.7  |        |  |  |
|         | 80      | 19.2 | 19.4 | 19.5 | 19.6 | 19.6 | 19.8  | 19.9 | 20.3  | 20.5 | 20.3  | 20.0 | 19.6  | 19.4 | 19.3  | 19.5 | 19.4  |        |  |  |
|         | 85      | 10.5 | 10.5 | 10.3 | 10.4 | 10.3 | 10.5  | 10.7 | 11.3  | 11.6 | 11.3  | 10.8 | 10.2  | 10.1 | 10.00 | 10.4 | 10.5  |        |  |  |
|         | 90      | 4.80 | 4.65 | 3.92 | 2.85 | 1.71 | 2.83  | 4.02 | 4.99  | 5.25 | 4.94  | 4.16 | 2.87  | 1.98 | 2.89  | 4.05 | 4.69  |        |  |  |
|         | 95      | 1.72 | 1.64 | 1.63 | 1.63 | 1.64 | 1.64  | 1.65 | 1.71  | 1.62 | 1.73  | 1.84 | 1.91  | 1.98 | 1.97  | 1.91 | 1.75  |        |  |  |
|         | 100     | 1.74 | 1.74 | 1.71 | 1.74 | 1.77 | 1.76  | 1.71 | 1.72  | 1.57 | 1.70  | 1.90 | 1.95  | 1.99 | 2.00  | 1.98 | 1.76  |        |  |  |
|         | 105     | 1.87 | 1.86 | 1.83 | 1.86 | 1.88 | 1.88  | 1.83 | 1.84  | 1.67 | 1.79  | 1.97 | 2.00  | 1.97 | 2.05  | 2.05 | 1.86  |        |  |  |
|         | 110     | 1.99 | 1.98 | 1.96 | 1.99 | 1.99 | 2.01  | 1.95 | 1.96  | 1.77 | 1.88  | 2.05 | 2.06  | 1.96 | 2.10  | 2.12 | 1.94  |        |  |  |
|         | 115     | 2.10 | 2.10 | 2.08 | 2.08 | 2.09 | 2.13  | 2.08 | 2.08  | 1.87 | 1.98  | 2.12 | 2.11  | 1.97 | 2.14  | 2.19 | 2.03  |        |  |  |
|         | 120     | 2.22 | 2.22 | 2.12 | 2.17 | 2.19 | 2.24  | 2.19 | 2.20  | 1.99 | 2.07  | 2.20 | 2.17  | 2.00 | 2.17  | 2.26 | 2.13  |        |  |  |
|         | 125     | 2.33 | 2.33 | 2.21 | 2.27 | 2.28 | 2.35  | 2.30 | 2.32  | 2.10 | 2.17  | 2.28 | 2.23  | 2.11 | 2.21  | 2.32 | 2.22  |        |  |  |
|         | 130     | 2.44 | 2.43 | 2.30 | 2.37 | 2.37 | 2.45  | 2.41 | 2.42  | 2.22 | 2.27  | 2.37 | 2.30  | 2.25 | 2.20  | 2.32 | 2.32  |        |  |  |
|         | 135     | 2.53 | 2.52 | 2.40 | 2.46 | 2.45 | 2.54  | 2.52 | 2.54  | 2.33 | 2.37  | 2.46 | 2.41  | 2.37 | 2.43  | 2.22 | 2.38  |        |  |  |
|         | 140     | 2.63 | 2.51 | 2.50 | 2.55 | 2.55 | 2.65  | 2.62 | 2.64  | 2.43 | 2.47  | 2.56 | 2.53  | 2.52 | 2.56  | 2.34 | 2.41  |        |  |  |
|         | 145     | 2.73 | 2.59 | 2.60 | 2.64 | 2.64 | 2.76  | 2.73 | 2.75  | 2.55 | 2.58  | 2.67 | 2.64  | 2.68 | 2.65  | 2.45 | 2.61  |        |  |  |
|         | 150     | 2.82 | 2.69 | 2.68 | 2.74 | 2.82 | 2.85  | 2.83 | 2.84  | 2.67 | 2.69  | 2.78 | 2.76  | 2.79 | 2.75  | 2.63 | 2.71  |        |  |  |
|         | 155     | 2.91 | 2.79 | 2.78 | 2.92 | 2.91 | 2.96  | 2.93 | 2.95  | 2.79 | 2.80  | 2.88 | 2.87  | 2.89 | 2.86  | 2.85 | 2.81  |        |  |  |
|         | 160     | 2.99 | 2.88 | 2.97 | 3.01 | 3.01 | 3.05  | 3.03 | 3.04  | 2.90 | 2.91  | 2.97 | 2.96  | 2.99 | 2.95  | 2.96 | 2.92  |        |  |  |
|         | 165     | 3.06 | 2.97 | 3.05 | 3.10 | 3.10 | 3.14  | 3.10 | 3.12  | 2.98 | 3.01  | 3.06 | 3.06  | 3.09 | 3.05  | 3.06 | 3.02  |        |  |  |
|         | 170     | 3.03 | 3.09 | 3.13 | 3.18 | 3.17 | 3.20  | 3.17 | 3.19  | 3.00 | 3.09  | 3.15 | 3.14  | 3.17 | 3.13  | 3.14 | 3.10  |        |  |  |
|         | 175     | 3.06 | 3.20 | 3.18 | 3.23 | 3.22 | 3.25  | 3.21 | 3.23  | 3.06 | 3.16  | 3.21 | 3.20  | 3.23 | 3.19  | 3.20 | 3.17  |        |  |  |
|         | 180     | 3.09 | 3.20 | 3.22 | 3.24 | 3.24 | 3.25  | 3.23 | 3.23  | 3.09 | 3.20  | 3.22 | 3.24  | 3.25 | 3.24  | 3.25 | 3.22  |        |  |  |

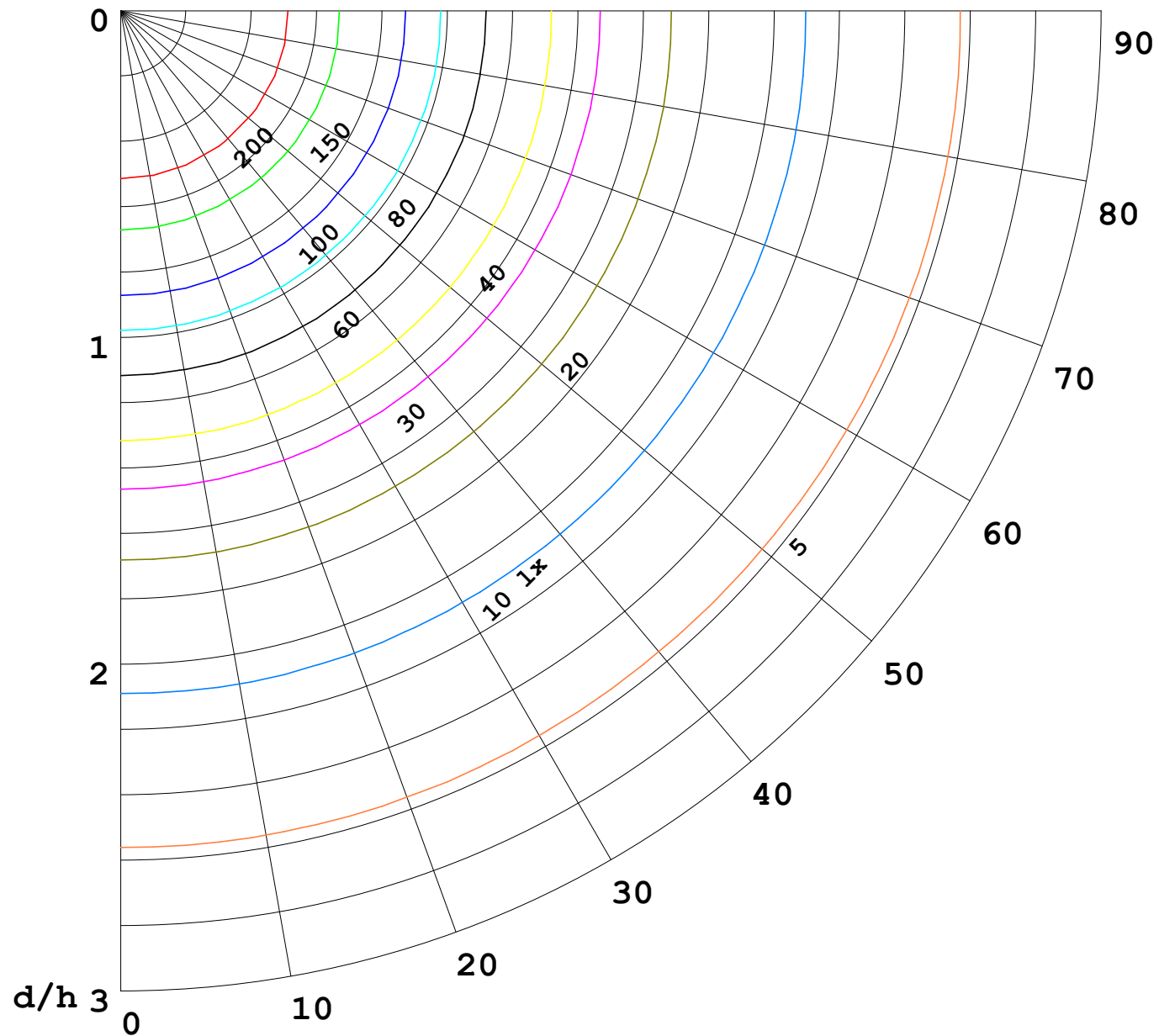
|                  |   |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度                          |
| C角度间隔: 22.5度     | γ角度间隔: 1.0度                               |
| 测试速度: 快速         | 测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488 |
| 环境温度:25.3℃       | 环境湿度:65.0%                                |
| 测试人员:Cloud       | 测试距离:6.360米 [K=1.0000]                    |
| 测试日期:2024-10-28  | 备注: ALL                                   |

I (cd)



1000 lm

$\kappa = 1$



F = 1000 lm  
 K = 0.7  
 Hcc = 0.8 m  
 Hfc = 0.0 m  
 Eave = 100 lx

|       | Pcc | Pw | Pfc |
|-------|-----|----|-----|
| ————— | 70  | 50 | 30  |
| ————— | 50  | 30 | 20  |

