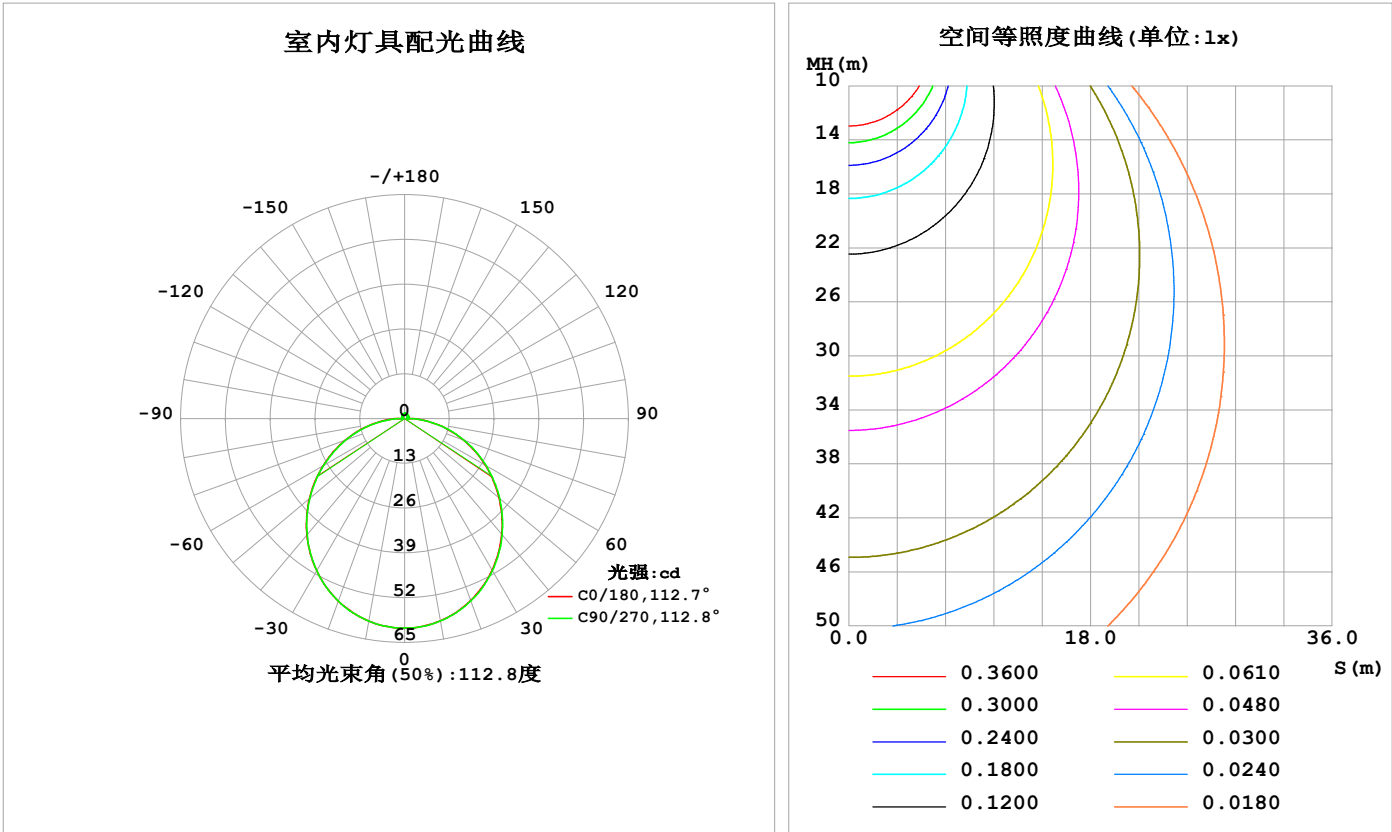


室内灯具光度数据

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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: 37.88 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号        |         | 峰值光强(cd) | 60.82  | 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) | 185.62 | η UP,DN(C0-180)   | 1.9,48.2 |                |
| 额定光通量(lm) | 185.618 | 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(%) | 3.6    | CIBSE SHR NOM     | 1.25     |                |
| 实测电源电压(V) |         | 下射光通比(%) | 96.4   | 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: WHITE

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   | 59.62  | 59.69  | 59.68  | 59.69  | 59.70  | 59.71  | 59.72  | 59.72  | 0- 10   | 5.752  | 5.752 | 3.1,3.1    |
| 20   | 56.18  | 56.31  | 56.31  | 56.34  | 56.36  | 56.40  | 56.40  | 56.41  | 10- 20  | 16.44  | 22.20 | 12,12      |
| 30   | 50.85  | 50.98  | 51.01  | 51.06  | 51.04  | 51.06  | 51.03  | 51.05  | 20- 30  | 24.84  | 47.03 | 25.3,25.3  |
| 40   | 43.89  | 44.03  | 44.07  | 44.13  | 44.14  | 44.12  | 44.06  | 44.12  | 30- 40  | 29.85  | 76.88 | 41.4,41.4  |
| 50   | 35.80  | 35.96  | 36.03  | 36.05  | 36.07  | 36.00  | 35.93  | 36.03  | 40- 50  | 30.97  | 107.8 | 58.1,58.1  |
| 60   | 27.07  | 27.23  | 27.34  | 27.28  | 27.33  | 27.22  | 27.14  | 27.30  | 50- 60  | 28.31  | 136.2 | 73.4,73.4  |
| 70   | 18.14  | 18.26  | 18.38  | 18.26  | 18.34  | 18.20  | 18.12  | 18.30  | 60- 70  | 22.53  | 158.7 | 85.5,85.5  |
| 80   | 9.316  | 9.370  | 9.334  | 9.310  | 9.447  | 9.278  | 9.153  | 9.406  | 70- 80  | 14.54  | 173.2 | 93.3,93.3  |
| 90   | 2.391  | 1.968  | 0.9255 | 1.870  | 2.428  | 1.890  | 0.7931 | 1.958  | 80- 90  | 5.650  | 178.9 | 96.4,96.4  |
| 100  | 0.8058 | 0.8501 | 0.8883 | 0.8488 | 0.7480 | 0.8329 | 0.8220 | 0.8692 | 90-100  | 1.099  | 180.0 | 97,97      |
| 110  | 0.9189 | 0.9426 | 0.9602 | 0.9409 | 0.8351 | 0.9167 | 0.8942 | 0.8978 | 100-110 | 0.9220 | 180.9 | 97.5,97.5  |
| 120  | 1.029  | 1.015  | 1.047  | 1.042  | 0.9422 | 0.9920 | 0.9922 | 0.9066 | 110-120 | 0.9470 | 181.8 | 98,98      |
| 130  | 1.133  | 1.102  | 1.128  | 1.139  | 1.044  | 1.082  | 1.079  | 1.030  | 120-130 | 0.9384 | 182.8 | 98.5,98.5  |
| 140  | 1.220  | 1.188  | 1.214  | 1.237  | 1.148  | 1.183  | 1.185  | 1.194  | 130-140 | 0.8870 | 183.7 | 98.9,98.9  |
| 150  | 1.307  | 1.278  | 1.326  | 1.329  | 1.253  | 1.290  | 1.295  | 1.284  | 140-150 | 0.7803 | 184.4 | 99.4,99.4  |
| 160  | 1.394  | 1.399  | 1.419  | 1.419  | 1.363  | 1.394  | 1.402  | 1.387  | 150-160 | 0.6215 | 185.1 | 99.7,99.7  |
| 170  | 1.447  | 1.469  | 1.488  | 1.485  | 1.432  | 1.484  | 1.491  | 1.476  | 160-170 | 0.4064 | 185.5 | 99.9,99.9  |
| 180  | 1.476  | 1.512  | 1.523  | 1.517  | 1.473  | 1.512  | 1.523  | 1.522  | 170-180 | 0.1424 | 185.6 | 100,100    |
| 单位:° | 光强:cd  |        |        |        |        |        |        |        |         | 单位:lm  |       |            |

锥面光通量(90度)：92.469 lm

%lum = 49.8%  
%lamp = 49.8%

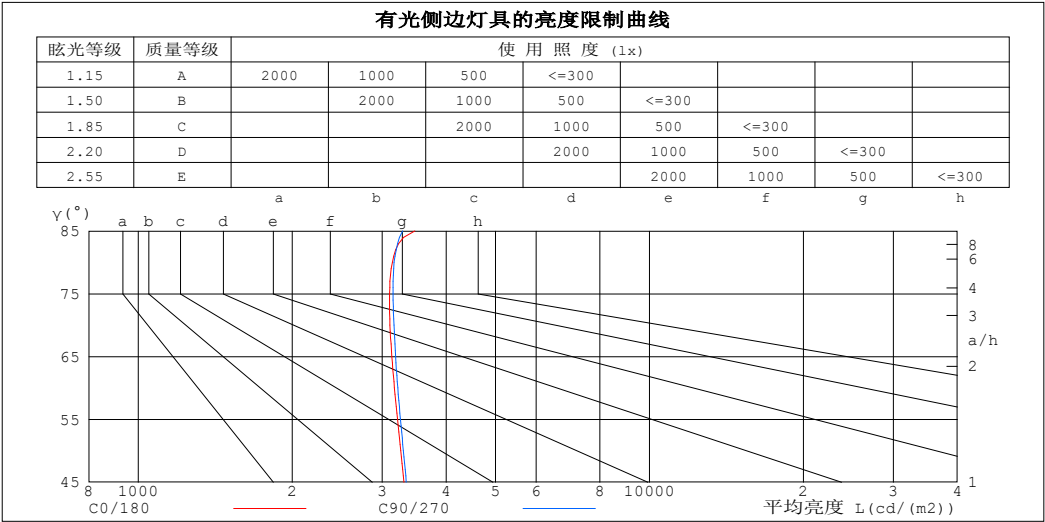
锥面光通量(130度)：148.31 lm

%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：WHITE |
|---|---|

灯具亮度限制曲线

|   |                |       |
|---|----------------|-------|
| 实测参数：U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通：185.618x1 lm |                |       |
| 灯具名称：SF16-24V-5050-72-RGBW(3000)-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            | 3473   | 3290    |
| 80            | 3142   | 3164    |
| 75            | 3100   | 3148    |
| 70            | 3106   | 3163    |
| 65            | 3133   | 3186    |
| 60            | 3170   | 3219    |
| 55            | 3214   | 3257    |
| 50            | 3262   | 3300    |
| 45            | 3309   | 3343    |

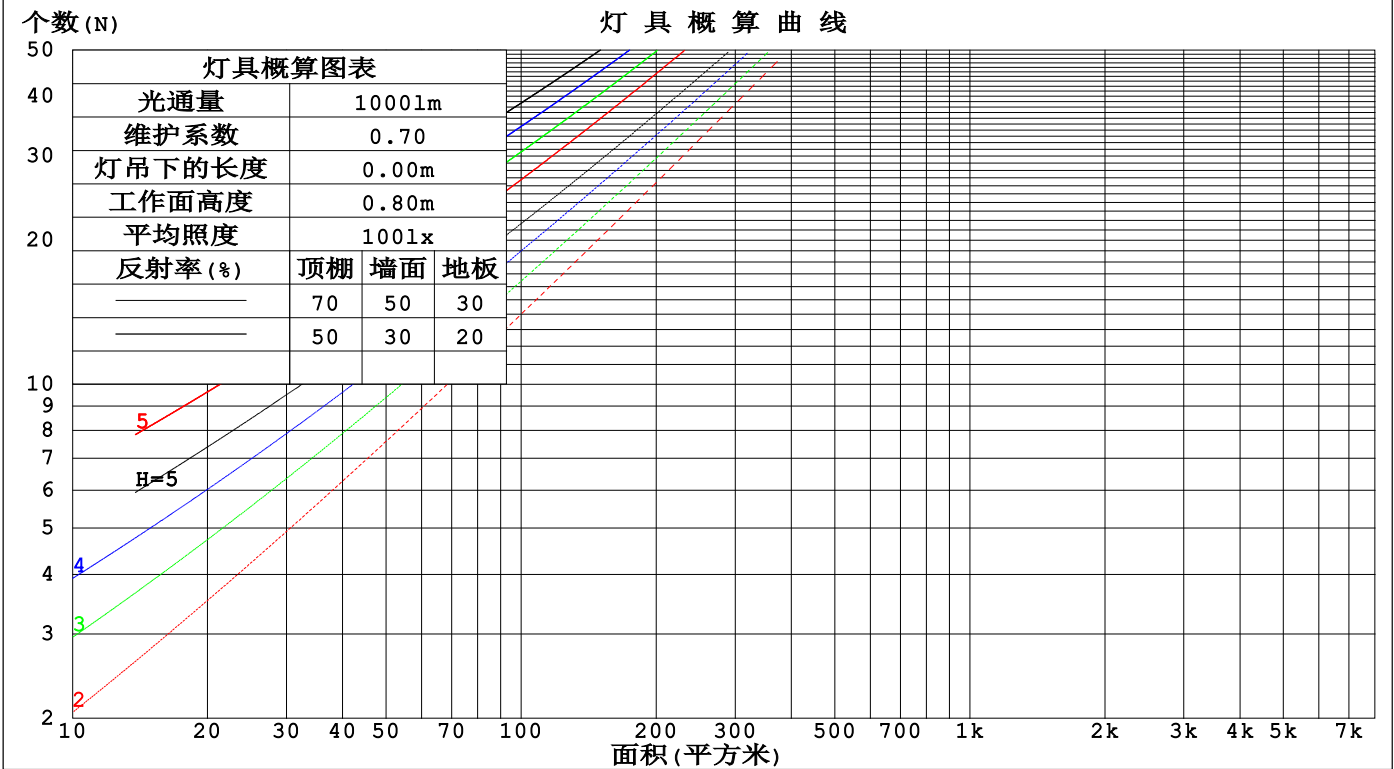
C角度范围： 0度 - 360度  
C角度间隔： 22.5度  
测试速度： 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

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： WHITE

工作面利用系数和灯具概算曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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  | .66  | .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 | .47 |
| 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  | .44 | .38 | .33 | .31 |
| 8.0  | .45           | .37  | .31  | .45  | .36  | .31  | .43  | .36  | .30  | .41  | .35  | .30  | .40 | .34 | .30 | .28 |
| 9.0  | .42           | .33  | .28  | .41  | .33  | .28  | .40  | .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: WHITE

墙面和天花板利用系数

|   |  |  |                 |  |       |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |  |  |                 |  |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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 | .236 | .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 | .186 | .186 | .186 | .127 | .127 | .127 | .073 | .073 | .073 | .023 | .023 | .023 |   |
| 1.0  | .209    | .184 | .161 | .179 | .158 | .139 | .123 | .109 | .096 | .071 | .063 | .056 | .023 | .020 | .018 |   |
| 2.0  | .202    | .160 | .125 | .173 | .138 | .108 | .118 | .095 | .075 | .068 | .055 | .044 | .022 | .018 | .014 |   |
| 3.0  | .194    | .143 | .102 | .166 | .123 | .088 | .114 | .085 | .062 | .066 | .050 | .036 | .021 | .016 | .012 |   |
| 4.0  | .186    | .129 | .086 | .160 | .112 | .075 | .110 | .078 | .053 | .064 | .046 | .031 | .020 | .015 | .010 |   |
| 5.0  | .179    | .119 | .075 | .153 | .103 | .065 | .106 | .072 | .046 | .061 | .042 | .027 | .020 | .014 | .009 |   |
| 6.0  | .171    | .111 | .067 | .147 | .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 | .007 |   |
| 8.0  | .158    | .098 | .057 | .136 | .085 | .050 | .094 | .060 | .035 | .055 | .035 | .021 | .018 | .012 | .007 |   |
| 9.0  | .152    | .093 | .054 | .131 | .081 | .047 | .091 | .057 | .033 | .053 | .034 | .020 | .017 | .011 | .007 |   |
| 10.0 | .146    | .089 | .051 | .126 | .077 | .045 | .087 | .054 | .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: WHITE |
|--|---|

UGR(Unified Glare Rating)数据表

|   |                      |      |      |      |                 |                    |      |       |      |      |
|---|----------------------|------|------|------|-----------------|--------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                      |      |      |      |                 |                    |      |       |      |      |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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  | 24.4 | 24.6 |
| 3H  | 24.2                 | 25.6 | 24.6 | 25.9 | 26.2            | 24.3               | 25.7 | 24.6  | 26.0 | 26.3 |
| 4H  | 25.0                 | 26.3 | 25.3 | 26.6 | 26.9            | 25.1               | 26.4 | 25.4  | 26.7 | 27.0 |
| 6H  | 25.6                 | 26.8 | 26.0 | 27.2 | 27.5            | 25.7               | 26.9 | 26.1  | 27.3 | 27.6 |
| 8H  | 25.9                 | 27.1 | 26.3 | 27.4 | 27.8            | 25.9               | 27.1 | 26.3  | 27.5 | 27.9 |
| 12H   | 26.1                 | 27.2 | 26.5 | 27.6 | 28.0            | 26.1               | 27.3 | 26.5  | 27.6 | 28.0 |
| 4H 2H   | 23.2                 | 24.5 | 23.6 | 24.8 | 25.1            | 23.2               | 24.5 | 23.6  | 24.9 | 25.2 |
| 3H  | 25.1                 | 26.2 | 25.5 | 26.6 | 27.0            | 25.1               | 26.3 | 25.5  | 26.6 | 27.0 |
| 4H  | 26.0                 | 27.0 | 26.4 | 27.4 | 27.8            | 26.0               | 27.1 | 26.5  | 27.5 | 27.9 |
| 6H  | 26.8                 | 27.7 | 27.2 | 28.1 | 28.6            | 26.8               | 27.8 | 27.3  | 28.2 | 28.6 |
| 8H  | 27.1                 | 28.0 | 27.5 | 28.4 | 28.8            | 27.1               | 28.0 | 27.6  | 28.4 | 28.9 |
| 12H   | 27.4                 | 28.2 | 27.8 | 28.6 | 29.1            | 27.4               | 28.2 | 27.9  | 28.7 | 29.1 |
| 8H 4H   | 26.3                 | 27.2 | 26.8 | 27.6 | 28.1            | 26.4               | 27.2 | 26.8  | 27.7 | 28.1 |
| 6H  | 27.3                 | 28.0 | 27.8 | 28.5 | 29.0            | 27.3               | 28.1 | 27.8  | 28.5 | 29.1 |
| 8H  | 27.7                 | 28.4 | 28.2 | 28.9 | 29.4            | 27.8               | 28.4 | 28.3  | 28.9 | 29.5 |
| 12H   | 28.1                 | 28.7 | 28.7 | 29.2 | 29.8            | 28.2               | 28.7 | 28.7  | 29.2 | 29.8 |
| 12H 4H  | 26.3                 | 27.1 | 26.8 | 27.6 | 28.1            | 26.4               | 27.2 | 26.9  | 27.7 | 28.1 |
| 6H  | 27.4                 | 28.0 | 27.9 | 28.5 | 29.1            | 27.4               | 28.1 | 28.0  | 28.6 | 29.1 |
| 8H  | 27.9                 | 28.4 | 28.4 | 29.0 | 29.5            | 27.9               | 28.5 | 28.5  | 29.0 | 29.6 |
| 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, 185.61m光源光通表格中的数据需要进行修正(81og(F/F0) = -5.9)。  
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: WHITE                                 |

UF利用系数表

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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:  |

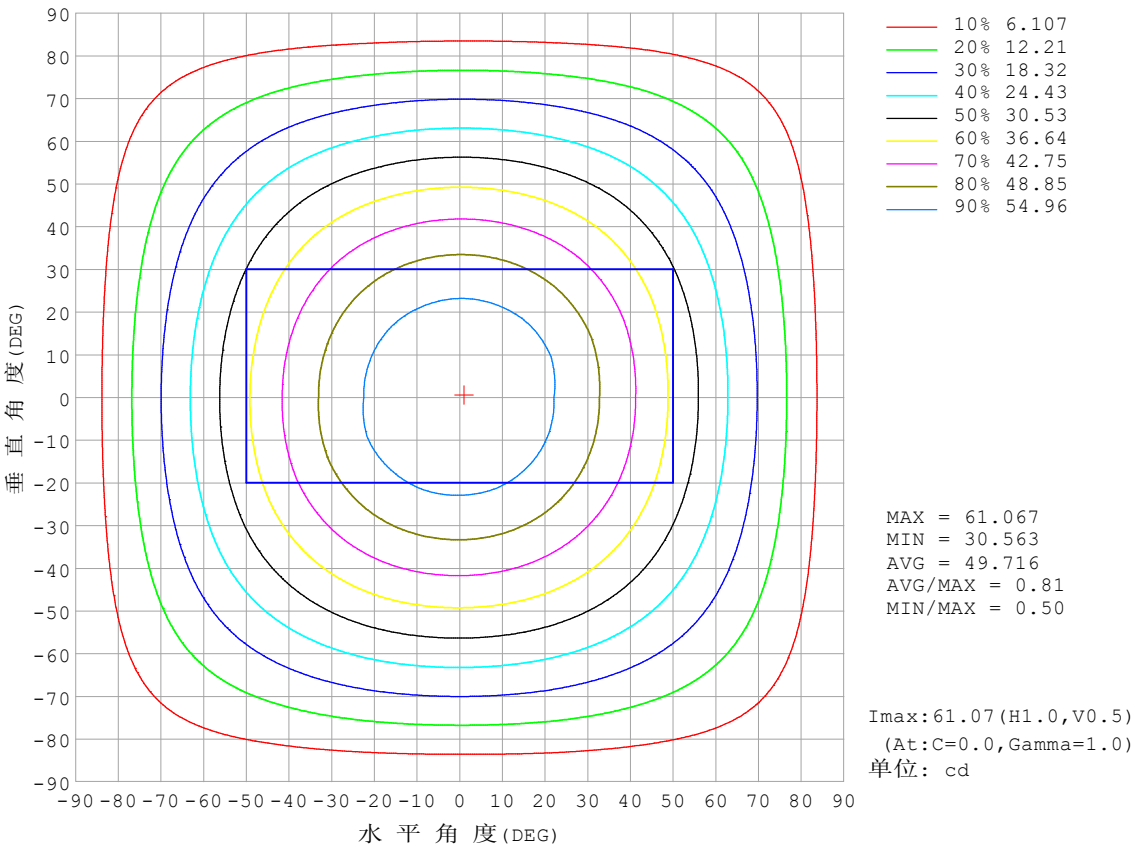
| 反 射 比 / REFLECTANCE        |   |     |     |     |     |     |                                 |     |     |         |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板                        | 0.8   | 0.8 | 0.8 | 0.7 | 0.7 | 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  | 37  | 30      |
| 0.80                       | 66  | 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  | 68  | 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  | 74      |
| 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 <sub>NOM</sub> = 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: WHITE

灯 具 等 光 强 曲 线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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:  |



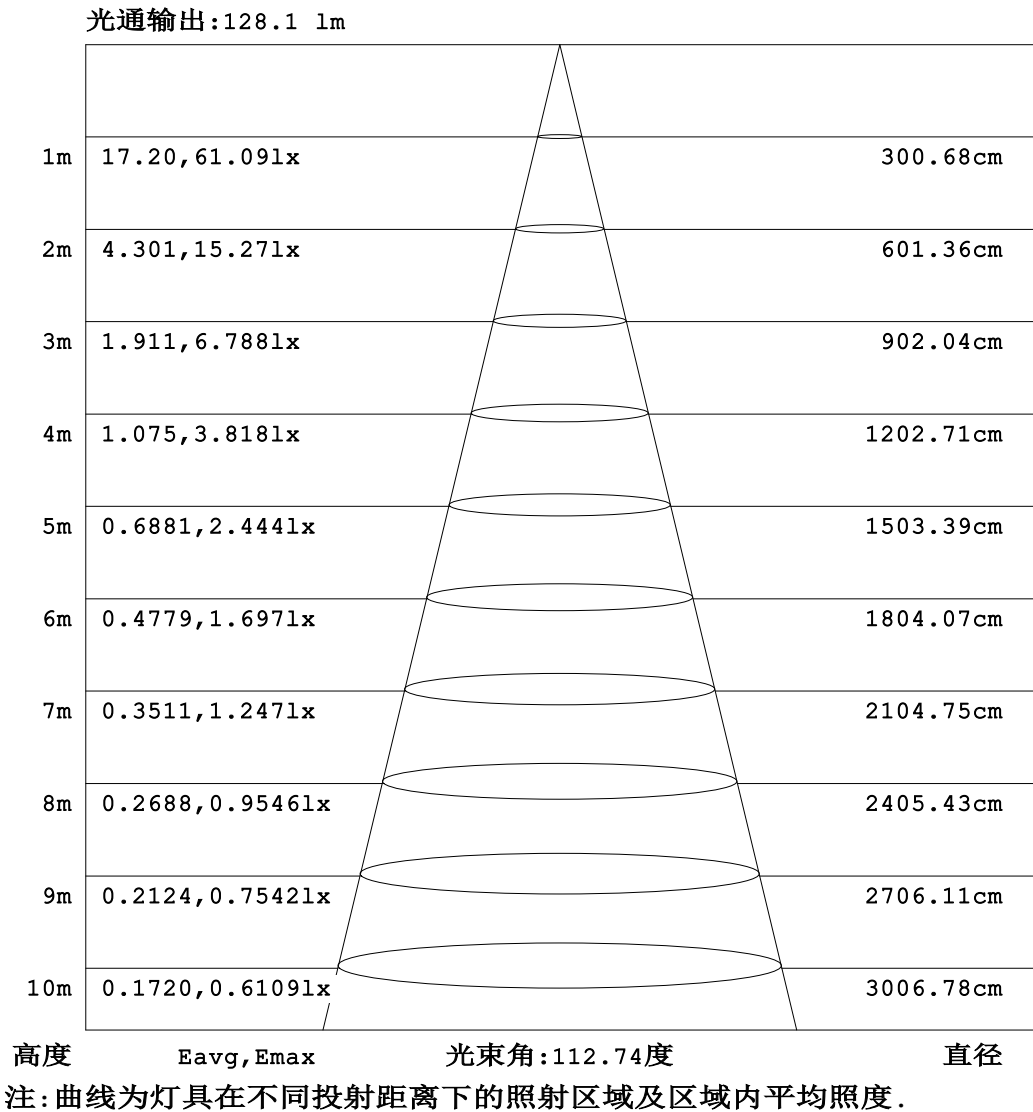
C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

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: WHITE



灯 具 有 效 平 均 照 度 图

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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:  |

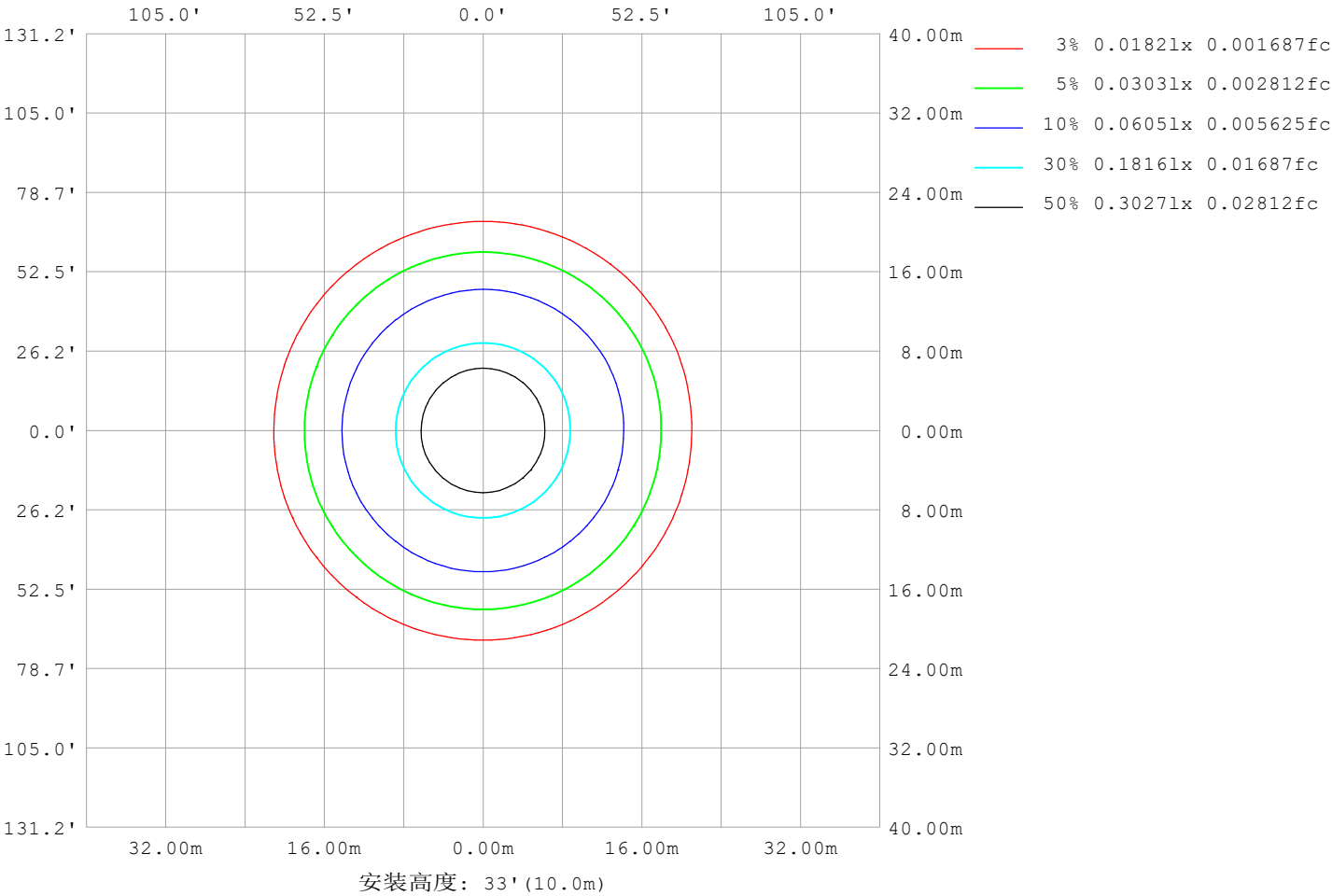


C角度范围: 0度 - 360度  
C角度间隔: 22.5度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:Cloud  
测试日期:2024-10-28

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: WHITE

平面等照度曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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: WHITE

LED筒灯平均亮度报告

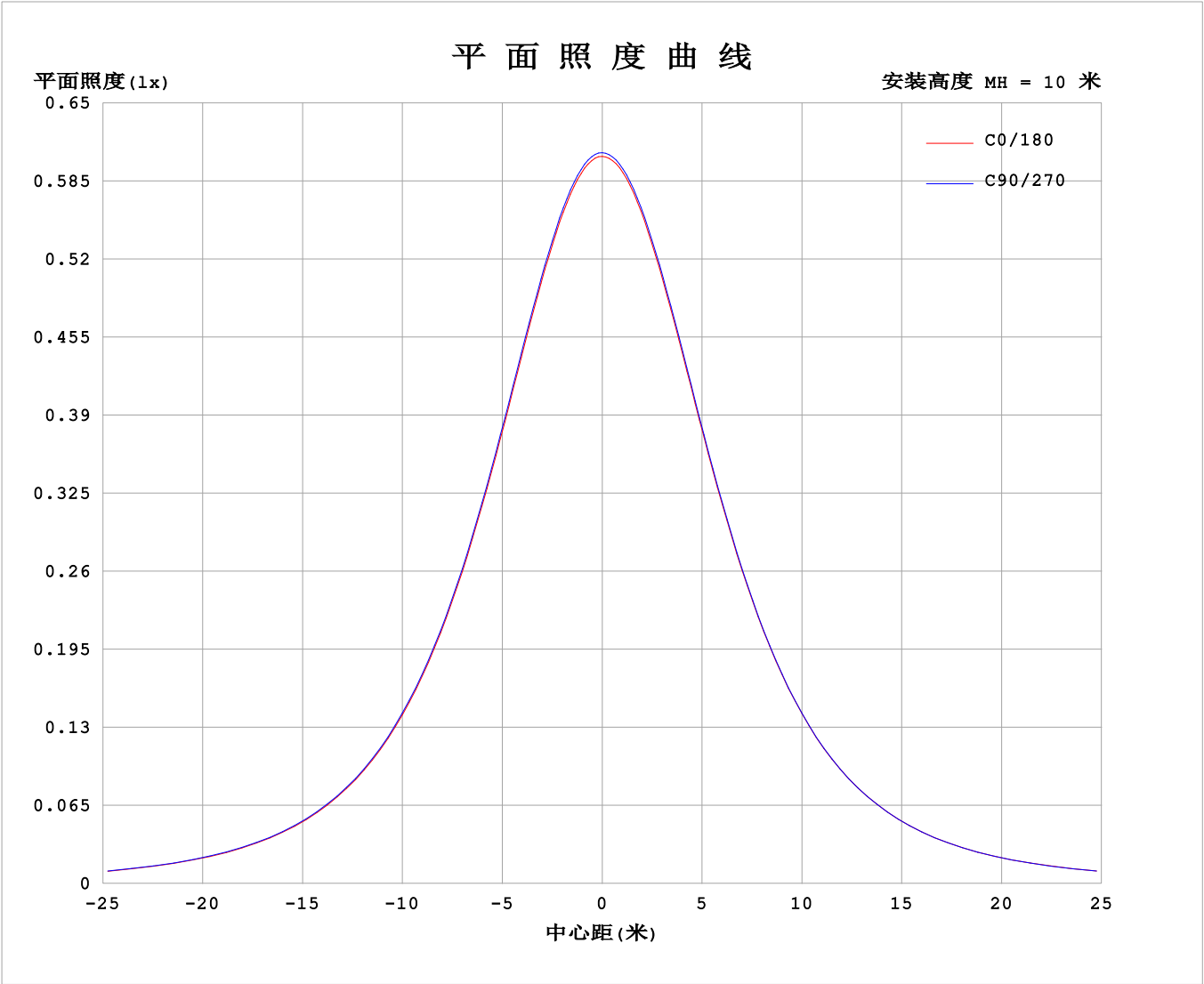
|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-80                                      | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 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  | 3164       |
| L横 (75) av  | 3134       |
| L横 (85) av  | 3530       |
| L纵 (65) av  | 3168       |
| L纵 (75) av  | 3120       |
| L纵 (85) av  | 3229       |
| L45 (65) av | 3169       |
| L45 (75) av | 3130       |
| L45 (85) av | 3356       |

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: WHITE |
|---|---|

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

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: WHITE

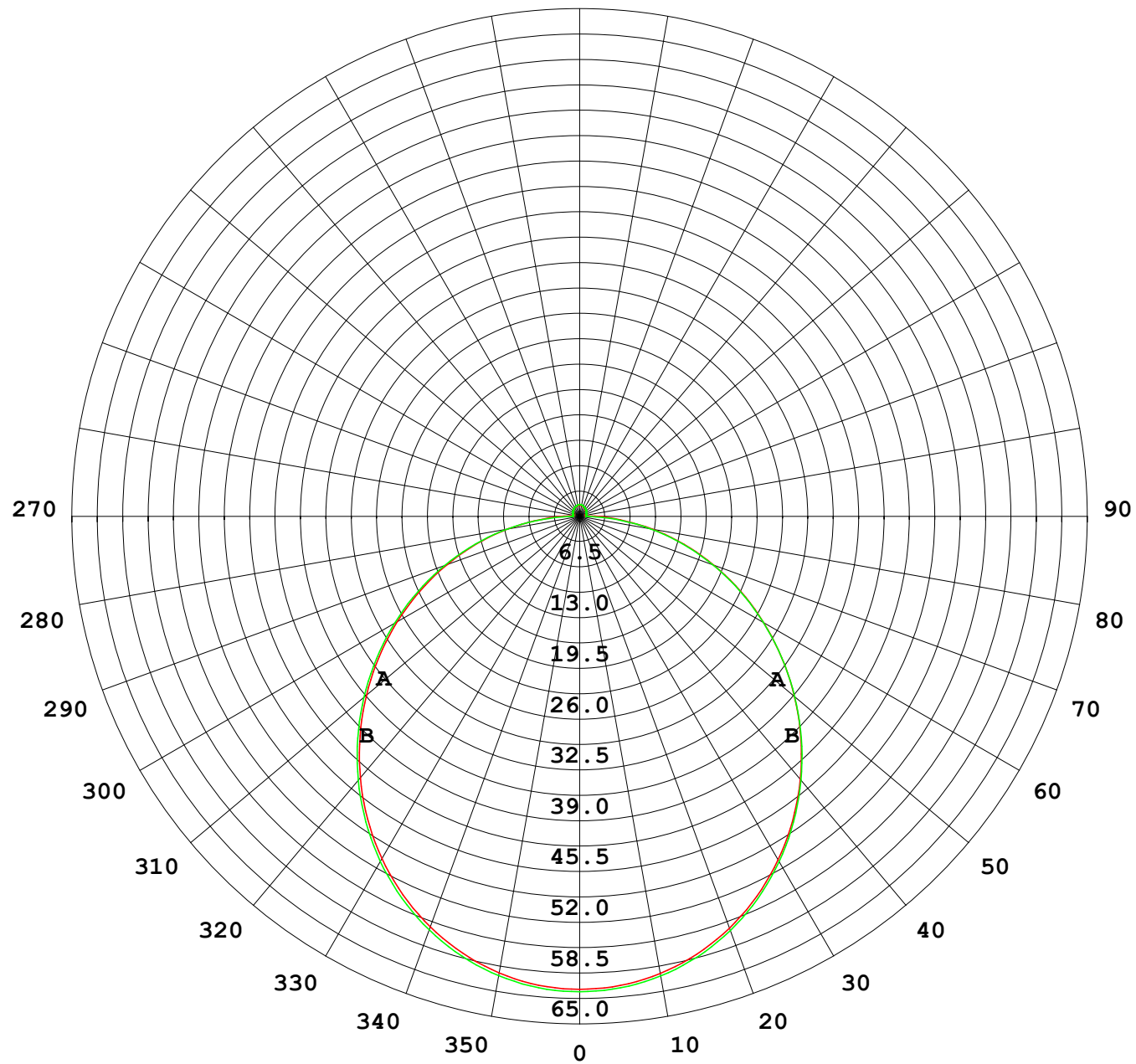
光 强 分 布 数 据 表 格

|   |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.2042A P:4.901W PF:1.000 Freq:0Hz<br>实检光通: 185.618x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
| 灯具名称: SF16-24V-5050-72-RGBW(3000)-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    | 60.8 | 60.8 | 60.8 | 60.8 | 60.8  | 60.8 | 60.8  | 60.8 | 60.8  | 60.8 | 60.8  | 60.8 | 60.8  | 60.8 | 60.8  |        |  |  |
|         | 5       | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5  | 60.5 | 60.5  | 60.6 | 60.5  | 60.5 | 60.6  | 60.5 | 60.6  | 60.6 | 60.6  |        |  |  |
|         | 10      | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7  | 59.7 | 59.7  | 59.7 | 59.7  | 59.7 | 59.7  | 59.7 | 59.7  | 59.7 | 59.7  |        |  |  |
|         | 15      | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3  | 58.3 | 58.3  | 58.3 | 58.3  | 58.3 | 58.3  | 58.3 | 58.3  | 58.3 | 58.2  |        |  |  |
|         | 20      | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4  | 56.3 | 56.4  | 56.4 | 56.4  | 56.4 | 56.4  | 56.4 | 56.4  | 56.4 | 56.3  |        |  |  |
|         | 25      | 53.7 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9  | 53.9 | 53.9  | 53.9 | 53.9  | 54.0 | 53.9  | 54.0 | 53.9  | 54.0 | 53.8  |        |  |  |
|         | 30      | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0  | 51.1 | 51.1  | 51.0 | 51.1  | 51.1 | 51.0  | 51.0 | 51.1  | 51.0 | 51.0  |        |  |  |
|         | 35      | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7  | 47.8 | 47.8  | 47.8 | 47.8  | 47.8 | 47.7  | 47.7 | 47.8  | 47.8 | 47.7  |        |  |  |
|         | 40      | 43.9 | 44.0 | 44.0 | 44.1 | 44.1 | 44.1  | 44.1 | 44.1  | 44.1 | 44.1  | 44.1 | 44.1  | 44.1 | 44.1  | 44.1 | 44.0  |        |  |  |
|         | 45      | 40.0 | 40.0 | 40.1 | 40.2 | 40.2 | 40.2  | 40.2 | 40.2  | 40.2 | 40.2  | 40.2 | 40.1  | 40.1 | 40.1  | 40.2 | 40.1  |        |  |  |
|         | 50      | 35.8 | 35.9 | 36.0 | 36.0 | 36.0 | 36.1  | 36.0 | 36.1  | 36.1 | 36.0  | 36.0 | 35.9  | 35.9 | 36.0  | 36.0 | 35.9  |        |  |  |
|         | 55      | 31.5 | 31.6 | 31.6 | 31.7 | 31.7 | 31.8  | 31.7 | 31.7  | 31.7 | 31.7  | 31.7 | 31.6  | 31.6 | 31.6  | 31.7 | 31.6  |        |  |  |
|         | 60      | 27.1 | 27.2 | 27.2 | 27.3 | 27.3 | 27.4  | 27.3 | 27.3  | 27.3 | 27.3  | 27.2 | 27.1  | 27.1 | 27.2  | 27.3 | 27.2  |        |  |  |
|         | 65      | 22.6 | 22.7 | 22.8 | 22.9 | 22.9 | 22.9  | 22.8 | 22.8  | 22.9 | 22.8  | 22.7 | 22.6  | 22.6 | 22.7  | 22.8 | 22.8  |        |  |  |
|         | 70      | 18.1 | 18.2 | 18.3 | 18.4 | 18.4 | 18.3  | 18.3 | 18.3  | 18.3 | 18.3  | 18.2 | 18.1  | 18.1 | 18.2  | 18.3 | 18.3  |        |  |  |
|         | 75      | 13.7 | 13.8 | 13.8 | 13.9 | 13.8 | 13.8  | 13.7 | 13.8  | 13.9 | 13.8  | 13.7 | 13.6  | 13.6 | 13.7  | 13.8 | 13.8  |        |  |  |
|         | 80      | 9.32 | 9.40 | 9.37 | 9.43 | 9.33 | 9.34  | 9.31 | 9.40  | 9.45 | 9.36  | 9.28 | 9.13  | 9.15 | 9.23  | 9.41 | 9.42  |        |  |  |
|         | 85      | 5.17 | 5.16 | 5.03 | 5.00 | 4.87 | 4.90  | 4.93 | 5.15  | 5.29 | 5.14  | 4.90 | 4.69  | 4.70 | 4.80  | 5.03 | 5.15  |        |  |  |
|         | 90      | 2.39 | 2.34 | 1.97 | 1.48 | 0.93 | 1.39  | 1.87 | 2.29  | 2.43 | 2.25  | 1.89 | 1.29  | 0.79 | 1.34  | 1.96 | 2.28  |        |  |  |
|         | 95      | 0.84 | 0.82 | 0.85 | 0.87 | 0.89 | 0.86  | 0.85 | 0.82  | 0.79 | 0.82  | 0.81 | 0.82  | 0.80 | 0.85  | 0.84 | 0.80  |        |  |  |
|         | 100     | 0.81 | 0.85 | 0.85 | 0.88 | 0.89 | 0.88  | 0.85 | 0.84  | 0.75 | 0.77  | 0.83 | 0.82  | 0.82 | 0.84  | 0.87 | 0.78  |        |  |  |
|         | 105     | 0.87 | 0.89 | 0.90 | 0.91 | 0.90 | 0.92  | 0.89 | 0.90  | 0.79 | 0.80  | 0.88 | 0.86  | 0.85 | 0.84  | 0.90 | 0.84  |        |  |  |
|         | 110     | 0.92 | 0.94 | 0.94 | 0.97 | 0.96 | 0.97  | 0.94 | 0.95  | 0.84 | 0.85  | 0.92 | 0.89  | 0.89 | 0.84  | 0.90 | 0.88  |        |  |  |
|         | 115     | 0.98 | 1.00 | 0.99 | 1.00 | 1.00 | 1.03  | 0.99 | 1.00  | 0.89 | 0.90  | 0.95 | 0.93  | 0.94 | 0.88  | 0.86 | 0.92  |        |  |  |
|         | 120     | 1.03 | 1.05 | 1.01 | 1.05 | 1.05 | 1.08  | 1.04 | 1.05  | 0.94 | 0.94  | 0.99 | 0.97  | 0.99 | 0.95  | 0.91 | 0.95  |        |  |  |
|         | 125     | 1.08 | 1.10 | 1.06 | 1.10 | 1.10 | 1.12  | 1.09 | 1.11  | 0.99 | 0.99  | 1.04 | 1.02  | 1.04 | 0.99  | 0.95 | 0.97  |        |  |  |
|         | 130     | 1.13 | 1.15 | 1.10 | 1.14 | 1.13 | 1.17  | 1.14 | 1.16  | 1.04 | 1.04  | 1.08 | 1.07  | 1.08 | 1.03  | 1.03 | 1.06  |        |  |  |
|         | 135     | 1.17 | 1.20 | 1.15 | 1.19 | 1.17 | 1.22  | 1.18 | 1.20  | 1.10 | 1.08  | 1.13 | 1.12  | 1.13 | 1.06  | 1.15 | 1.11  |        |  |  |
|         | 140     | 1.22 | 1.20 | 1.19 | 1.23 | 1.21 | 1.27  | 1.24 | 1.26  | 1.15 | 1.14  | 1.18 | 1.16  | 1.19 | 1.12  | 1.19 | 1.16  |        |  |  |
|         | 145     | 1.26 | 1.24 | 1.23 | 1.27 | 1.26 | 1.31  | 1.28 | 1.30  | 1.20 | 1.20  | 1.24 | 1.22  | 1.24 | 1.20  | 1.24 | 1.20  |        |  |  |
|         | 150     | 1.31 | 1.29 | 1.28 | 1.32 | 1.33 | 1.36  | 1.33 | 1.34  | 1.25 | 1.25  | 1.29 | 1.27  | 1.30 | 1.26  | 1.28 | 1.25  |        |  |  |
|         | 155     | 1.35 | 1.34 | 1.32 | 1.39 | 1.38 | 1.41  | 1.38 | 1.39  | 1.31 | 1.30  | 1.34 | 1.33  | 1.35 | 1.32  | 1.34 | 1.30  |        |  |  |
|         | 160     | 1.39 | 1.38 | 1.40 | 1.43 | 1.42 | 1.45  | 1.42 | 1.43  | 1.36 | 1.35  | 1.39 | 1.38  | 1.40 | 1.37  | 1.39 | 1.35  |        |  |  |
|         | 165     | 1.44 | 1.43 | 1.44 | 1.47 | 1.46 | 1.49  | 1.46 | 1.47  | 1.41 | 1.40  | 1.44 | 1.42  | 1.45 | 1.42  | 1.44 | 1.40  |        |  |  |
|         | 170     | 1.45 | 1.47 | 1.47 | 1.51 | 1.49 | 1.51  | 1.48 | 1.50  | 1.43 | 1.45  | 1.48 | 1.47  | 1.49 | 1.46  | 1.48 | 1.45  |        |  |  |
|         | 175     | 1.46 | 1.51 | 1.49 | 1.52 | 1.51 | 1.52  | 1.50 | 1.51  | 1.46 | 1.48  | 1.51 | 1.50  | 1.52 | 1.50  | 1.51 | 1.48  |        |  |  |
|         | 180     | 1.48 | 1.51 | 1.51 | 1.52 | 1.52 | 1.52  | 1.52 | 1.51  | 1.47 | 1.50  | 1.51 | 1.52  | 1.52 | 1.52  | 1.52 | 1.51  |        |  |  |

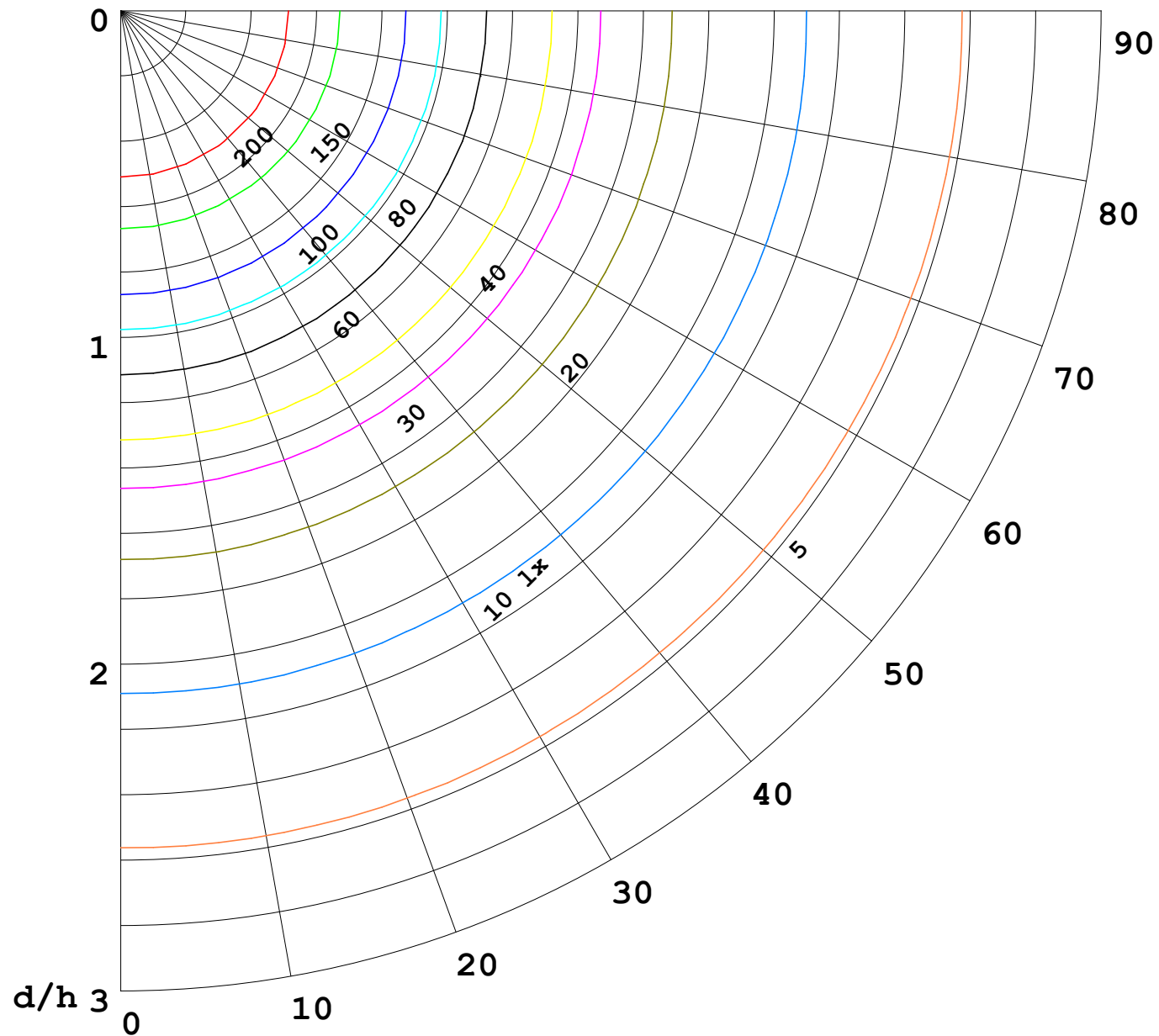
|                  |   |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度                          |
| C角度间隔: 22.5度     | γ角度间隔: 1.0度                               |
| 测试速度: 快速         | 测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488 |
| 环境温度:25.3℃       | 环境湿度:65.0%                        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

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  |

