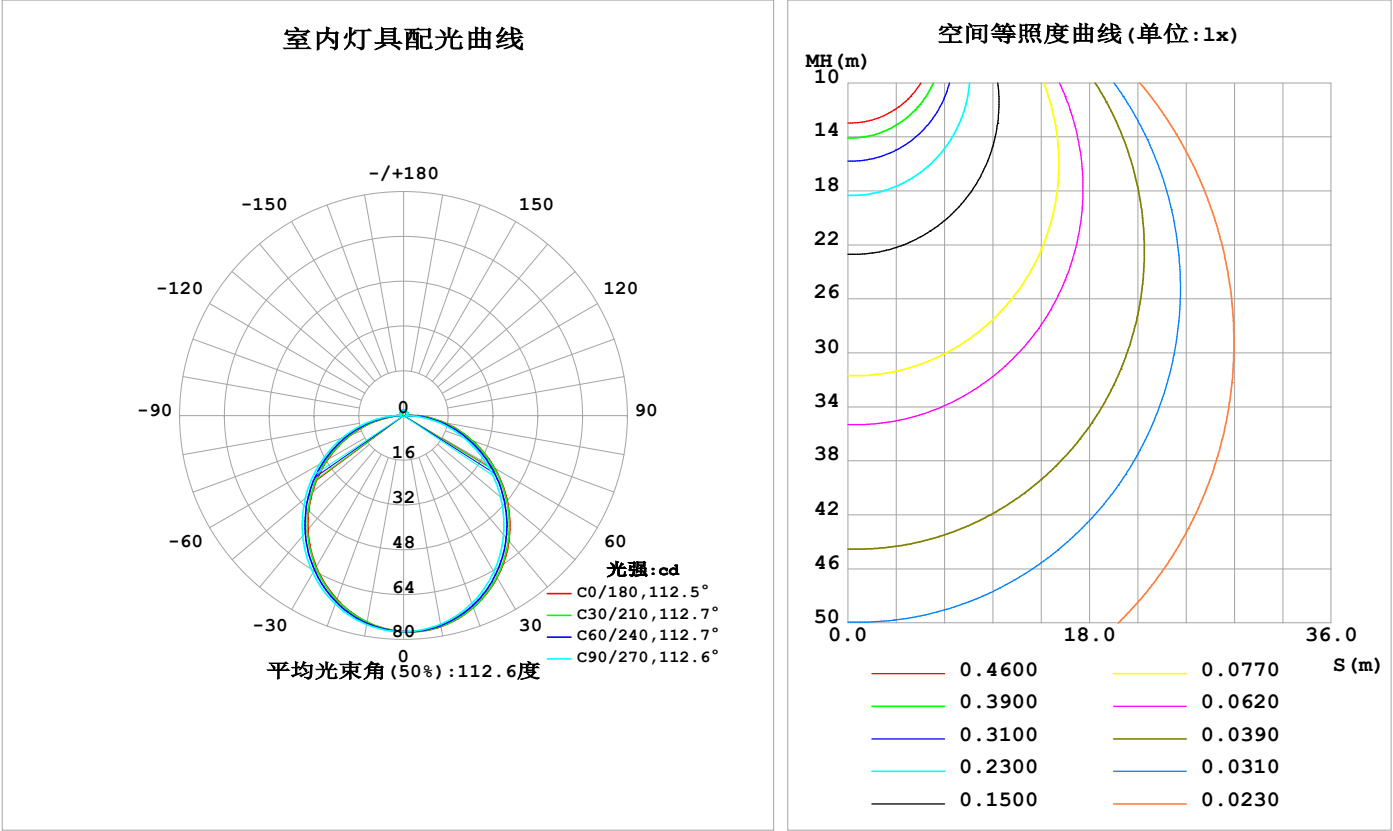


室内灯具光度数据

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |

| 光源数据      |         | 光度数据     |        |                   |          | 光效: 40.55 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号        | 5050    | 峰值光强(cd) | 77.31  | S/MH(C0/180)      | 1.21     |                |
| 标称功率(W)   |         | 灯具效率(%)  | 100.0  | S/MH(C90/270)     | 1.25     |                |
| 额定电源电压(V) | 24      | 总光通量(lm) | 235.42 | η UP,DN(C0-180)   | 1.9,48.5 |                |
| 额定光通量(lm) | 235.424 | CIE分类    | 直接     | η UP,DN(C180-360) | 1.9,47.7 |                |
| 灯具内光源数(只) | 1       | 上射光通比(%) | 3.8    | CIBSE SHR NOM     | 1.25     |                |
| 实测电源电压(V) |         | 下射光通比(%) | 96.2   | CIBSE SHR MAX     | 1.35     |                |



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员:  
测试日期: 2025-03-12

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:

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   | 76.53 | 76.30 | 75.69 | 75.07 | 74.90  | 75.17 | 75.82 | 76.40 | 0- 10   | 7.299  | 7.299 | 3.1,3.1    |
| 20   | 72.95 | 72.53 | 71.35 | 70.20 | 69.82  | 70.42 | 71.61 | 72.73 | 10- 20  | 20.86  | 28.16 | 12,12      |
| 30   | 66.86 | 66.17 | 64.48 | 62.93 | 62.43  | 63.25 | 64.90 | 66.48 | 20- 30  | 31.50  | 59.66 | 25.3,25.3  |
| 40   | 58.54 | 57.66 | 55.59 | 53.69 | 53.15  | 54.11 | 56.12 | 58.06 | 30- 40  | 37.85  | 97.50 | 41.4,41.4  |
| 50   | 48.56 | 47.58 | 45.25 | 43.13 | 42.55  | 43.62 | 45.83 | 48.03 | 40- 50  | 39.24  | 136.7 | 58.1,58.1  |
| 60   | 37.56 | 36.54 | 34.08 | 31.86 | 31.28  | 32.39 | 34.68 | 37.02 | 50- 60  | 35.83  | 172.6 | 73.3,73.3  |
| 70   | 26.15 | 25.13 | 22.67 | 20.44 | 19.88  | 20.97 | 23.24 | 25.57 | 60- 70  | 28.44  | 201.0 | 85.4,85.4  |
| 80   | 14.80 | 13.78 | 11.36 | 9.206 | 8.663  | 9.708 | 11.92 | 14.21 | 70- 80  | 18.30  | 219.3 | 93.2,93.2  |
| 90   | 4.641 | 3.338 | 1.049 | 1.469 | 1.691  | 1.619 | 1.343 | 3.723 | 80- 90  | 7.169  | 226.5 | 96.2,96.2  |
| 100  | 1.021 | 1.008 | 1.132 | 1.154 | 0.9739 | 1.212 | 1.372 | 1.151 | 90-100  | 1.511  | 228.0 | 96.8,96.8  |
| 110  | 1.121 | 1.205 | 1.242 | 1.266 | 1.098  | 1.314 | 1.456 | 1.225 | 100-110 | 1.254  | 229.3 | 97.4,97.4  |
| 120  | 1.256 | 1.326 | 1.358 | 1.376 | 1.233  | 1.402 | 1.505 | 1.317 | 110-120 | 1.288  | 230.5 | 97.9,97.9  |
| 130  | 1.389 | 1.428 | 1.465 | 1.484 | 1.363  | 1.499 | 1.560 | 1.401 | 120-130 | 1.255  | 231.8 | 98.5,98.5  |
| 140  | 1.512 | 1.524 | 1.566 | 1.581 | 1.498  | 1.586 | 1.620 | 1.483 | 130-140 | 1.158  | 233.0 | 99,99      |
| 150  | 1.633 | 1.632 | 1.670 | 1.684 | 1.628  | 1.678 | 1.687 | 1.577 | 140-150 | 1.001  | 234.0 | 99.4,99.4  |
| 160  | 1.746 | 1.734 | 1.774 | 1.791 | 1.749  | 1.766 | 1.759 | 1.685 | 150-160 | 0.7840 | 234.7 | 99.7,99.7  |
| 170  | 1.801 | 1.844 | 1.872 | 1.869 | 1.815  | 1.845 | 1.831 | 1.809 | 160-170 | 0.5076 | 235.2 | 99.9,99.9  |
| 180  | 1.853 | 1.897 | 1.906 | 1.895 | 1.858  | 1.893 | 1.906 | 1.896 | 170-180 | 0.1777 | 235.4 | 100,100    |
| 单位:° | 光强:cd |       |       |       |        |       |       |       |         | 单位:lm  |       |            |

锥面光通量(90度)：117.26 lm

%lum = 49.8%  
%lamp = 49.8%

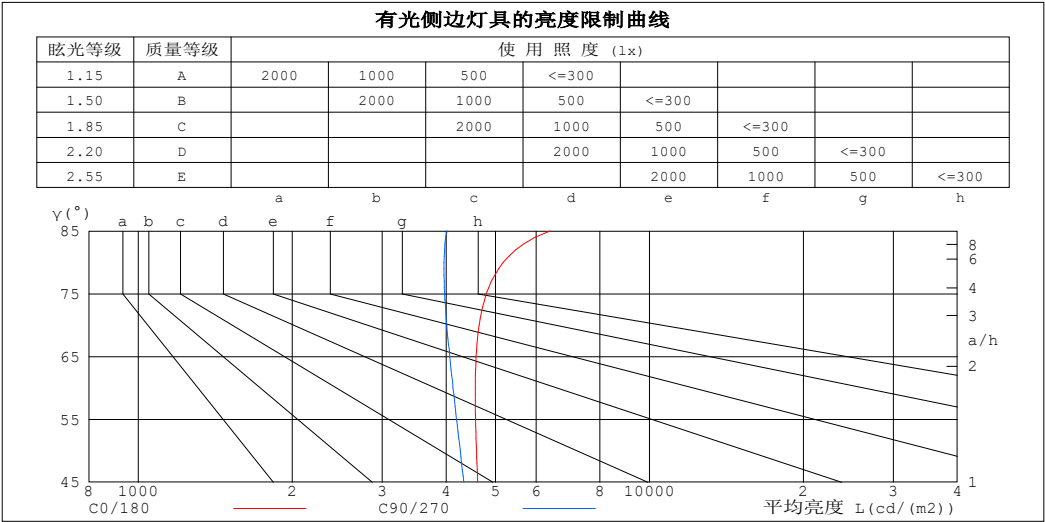
锥面光通量(130度)：187.93 lm

%lum = 79.8%  
%lamp = 79.8%

|  |  |
|--|--|
| C角度范围： 0度 - 360度<br>C角度间隔：30.0度<br>测试速度：快速<br>环境温度:25.3℃<br>测试人员：<br>测试日期:2025-03-12 | 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： |
|--|--|

灯具亮度限制曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |



| 平均亮度值 cd/(m2) |        |         |
|---------------|--------|---------|
| γ (°)         | C0/180 | C90/270 |
| 85            | 6393   | 4018    |
| 80            | 5176   | 3962    |
| 75            | 4796   | 3976    |
| 70            | 4641   | 4013    |
| 65            | 4579   | 4067    |
| 60            | 4561   | 4127    |
| 55            | 4567   | 4193    |
| 50            | 4587   | 4263    |
| 45            | 4611   | 4329    |

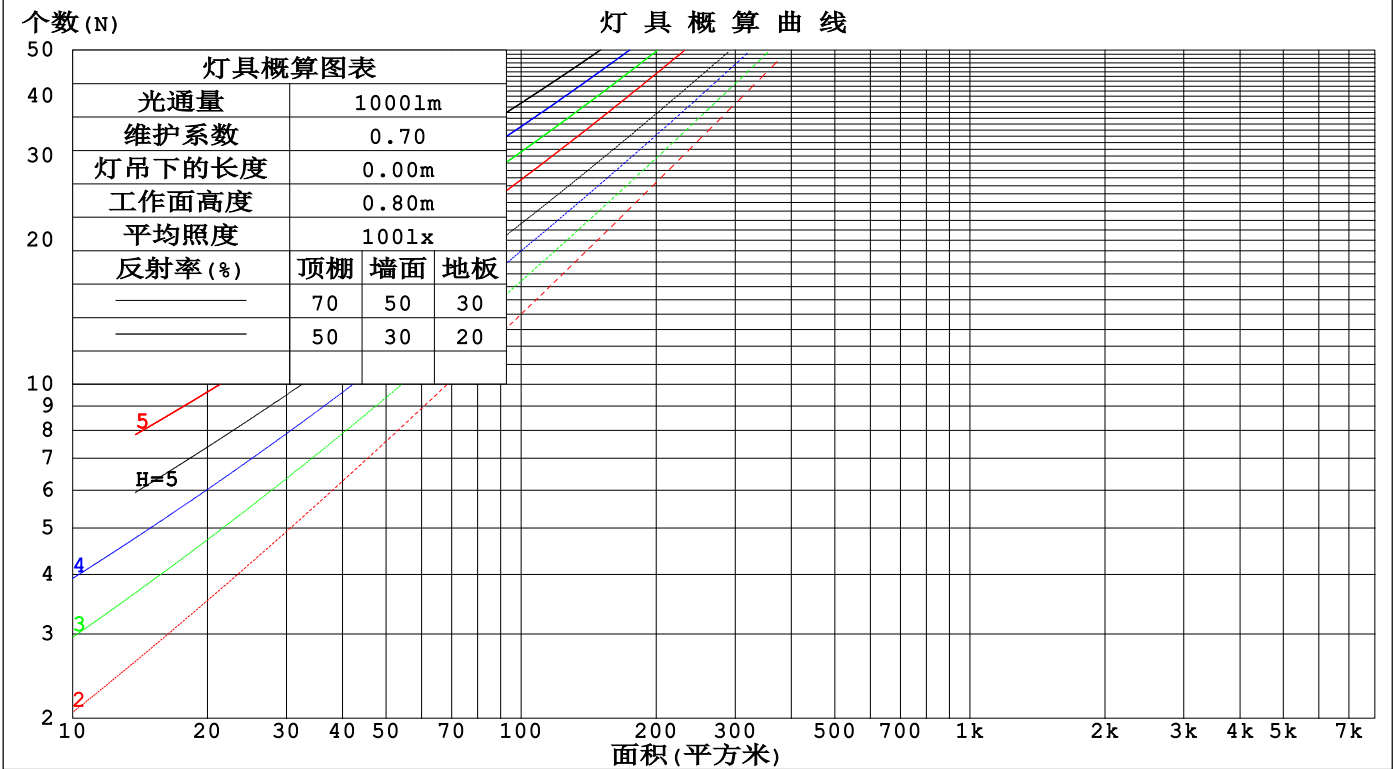
C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:  
测试日期:2025-03-12

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:

工作面利用系数和灯具概算曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 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  | .94  | .91  | .88  | .90  | .87  | .85  | .86 | .83 | .81 | .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 | .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  | .35  | .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 | .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: 30.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:  
测试日期:2025-03-12

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:

墙面和天花板利用系数

|   |  |  |                 |  |       |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |  |  |                 |  |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     |  |  | 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: OLympia lighting  |  |  | 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  | .326          | .186 | .059 | .318 | .181 | .058 | .302 | .174 | .055 | .288 | .166 | .053 | .275 | .159 | .051 |   |
| 2.0  | .301          | .165 | .051 | .294 | .162 | .050 | .280 | .156 | .048 | .267 | .150 | .047 | .255 | .144 | .046 |   |
| 3.0  | .276          | .147 | .044 | .269 | .144 | .043 | .257 | .139 | .042 | .246 | .135 | .041 | .235 | .130 | .040 |   |
| 4.0  | .253          | .131 | .039 | .247 | .129 | .038 | .236 | .125 | .037 | .226 | .121 | .037 | .216 | .118 | .036 |   |
| 5.0  | .233          | .119 | .034 | .228 | .117 | .034 | .218 | .113 | .033 | .209 | .110 | .033 | .200 | .107 | .032 |   |
| 6.0  | .215          | .108 | .031 | .211 | .106 | .031 | .202 | .103 | .030 | .194 | .101 | .030 | .186 | .098 | .029 |   |
| 7.0  | .200          | .099 | .028 | .196 | .098 | .028 | .188 | .095 | .027 | .180 | .092 | .027 | .173 | .090 | .026 |   |
| 8.0  | .186          | .091 | .026 | .183 | .090 | .025 | .176 | .088 | .025 | .169 | .086 | .025 | .162 | .083 | .024 |   |
| 9.0  | .175          | .084 | .024 | .171 | .083 | .023 | .165 | .081 | .023 | .159 | .079 | .023 | .153 | .078 | .022 |   |
| 10.0 | .164          | .079 | .022 | .161 | .078 | .022 | .155 | .076 | .021 | .149 | .074 | .021 | .144 | .072 | .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  | .219    | .219 | .219 | .188 | .188 | .188 | .128 | .128 | .128 | .074 | .074 | .074 | .024 | .024 | .024 |   |
| 1.0  | .211    | .185 | .162 | .180 | .159 | .140 | .123 | .109 | .097 | .071 | .063 | .056 | .023 | .020 | .018 |   |
| 2.0  | .203    | .161 | .126 | .174 | .139 | .109 | .119 | .096 | .076 | .069 | .056 | .045 | .022 | .018 | .015 |   |
| 3.0  | .195    | .144 | .103 | .167 | .124 | .089 | .115 | .086 | .063 | .066 | .050 | .037 | .021 | .016 | .012 |   |
| 4.0  | .187    | .131 | .087 | .161 | .113 | .076 | .111 | .079 | .053 | .064 | .046 | .032 | .021 | .015 | .010 |   |
| 5.0  | .180    | .120 | .077 | .154 | .104 | .067 | .106 | .073 | .047 | .062 | .043 | .028 | .020 | .014 | .009 |   |
| 6.0  | .173    | .112 | .069 | .148 | .097 | .060 | .102 | .068 | .042 | .059 | .040 | .025 | .019 | .013 | .008 |   |
| 7.0  | .166    | .105 | .063 | .143 | .091 | .055 | .099 | .064 | .039 | .057 | .038 | .023 | .018 | .012 | .008 |   |
| 8.0  | .159    | .100 | .059 | .137 | .086 | .051 | .095 | .061 | .036 | .055 | .036 | .022 | .018 | .012 | .007 |   |
| 9.0  | .153    | .095 | .055 | .132 | .082 | .048 | .091 | .058 | .034 | .053 | .034 | .020 | .017 | .011 | .007 |   |
| 10.0 | .147    | .090 | .052 | .127 | .078 | .046 | .088 | .055 | .033 | .051 | .033 | .019 | .017 | .011 | .006 |   |

|  |   |
|--|---|
| C角度范围: 0度 - 360度<br>C角度间隔: 30.0度<br>测试速度: 快速<br>环境温度:25.3℃<br>测试人员:<br>测试日期:2025-03-12 | 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: |
|--|---|

UGR(Unified Glare Rating)数据表

|   |     |               |                      |      |                 |      |               |                    |      |      |      |     |
|---|-----|---------------|----------------------|------|-----------------|------|---------------|--------------------|------|------|------|-----|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |     |               |                      |      |                 |      |               |                    |      |      |      |     |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     |     |               |                      |      | 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: OLympia lighting  |     |               |                      |      | 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   | 2H  | 23.1          | 24.6                 | 23.4 | 24.8            | 25.1 | 22.7          | 24.2               | 23.0 | 24.4 | 24.7 |     |
|   | 3H  | 24.9          | 26.3                 | 25.2 | 26.6            | 26.9 | 24.3          | 25.7               | 24.7 | 26.0 | 26.3 |     |
|   | 4H  | 25.7          | 27.0                 | 26.1 | 27.4            | 27.7 | 25.1          | 26.4               | 25.4 | 26.7 | 27.0 |     |
|   | 6H  | 26.5          | 27.7                 | 26.9 | 28.1            | 28.4 | 25.7          | 26.9               | 26.1 | 27.3 | 27.6 |     |
|   | 8H  | 26.8          | 28.0                 | 27.2 | 28.4            | 28.8 | 25.9          | 27.1               | 26.3 | 27.5 | 27.8 |     |
|   | 12H | 27.2          | 28.3                 | 27.6 | 28.7            | 29.1 | 26.1          | 27.2               | 26.5 | 27.6 | 28.0 |     |
| 4H  | 2H  | 23.7          | 25.0                 | 24.1 | 25.3            | 25.7 | 23.4          | 24.7               | 23.8 | 25.0 | 25.4 |     |
|   | 3H  | 25.7          | 26.9                 | 26.1 | 27.2            | 27.6 | 25.3          | 26.4               | 25.7 | 26.8 | 27.2 |     |
|   | 4H  | 26.7          | 27.8                 | 27.2 | 28.2            | 28.6 | 26.2          | 27.2               | 26.6 | 27.6 | 28.0 |     |
|   | 6H  | 27.7          | 28.6                 | 28.1 | 29.0            | 29.5 | 26.9          | 27.9               | 27.4 | 28.3 | 28.7 |     |
|   | 8H  | 28.1          | 29.0                 | 28.6 | 29.4            | 29.9 | 27.2          | 28.1               | 27.7 | 28.5 | 29.0 |     |
|   | 12H | 28.5          | 29.3                 | 29.0 | 29.7            | 30.2 | 27.5          | 28.3               | 28.0 | 28.7 | 29.2 |     |
| 8H  | 4H  | 27.1          | 27.9                 | 27.5 | 28.4            | 28.8 | 26.6          | 27.5               | 27.1 | 27.9 | 28.4 |     |
|   | 6H  | 28.2          | 28.9                 | 28.7 | 29.4            | 29.9 | 27.6          | 28.3               | 28.1 | 28.8 | 29.3 |     |
|   | 8H  | 28.8          | 29.4                 | 29.3 | 29.9            | 30.5 | 28.0          | 28.6               | 28.5 | 29.1 | 29.7 |     |
|   | 12H | 29.3          | 29.9                 | 29.9 | 30.4            | 31.0 | 28.4          | 28.9               | 28.9 | 29.4 | 30.0 |     |
| 12H   | 4H  | 27.1          | 27.9                 | 27.6 | 28.4            | 28.8 | 26.6          | 27.5               | 27.1 | 27.9 | 28.4 |     |
|   | 6H  | 28.3          | 29.0                 | 28.8 | 29.5            | 30.0 | 27.7          | 28.4               | 28.2 | 28.8 | 29.4 |     |
|   | 8H  | 29.0          | 29.5                 | 29.5 | 30.0            | 30.6 | 28.2          | 28.8               | 28.7 | 29.3 | 29.8 |     |
| 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 / - 0.1 |                      |      |                 |      | + 0.1 / - 0.2 |                    |      |      |      |     |
| 1.5H  |     | + 0.2 / - 0.3 |                      |      |                 |      | + 0.2 / - 0.3 |                    |      |      |      |     |
| 2.0H  |     | + 0.1 / - 0.3 |                      |      |                 |      | + 0.1 / - 0.4 |                    |      |      |      |     |

依据CIE Pub.117计算, 235.4lm光源光通表格中的数据需要进行修正(8log(F/F0) = -5.0).  
出光口面积: 0.0165 m2

|                  |   |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度                          |
| C角度间隔: 30.0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:            | 测试距离:6.360米 [K=1.0000]                    |
| 测试日期:2025-03-12  | 备注:                                       |

UF利用系数表

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |

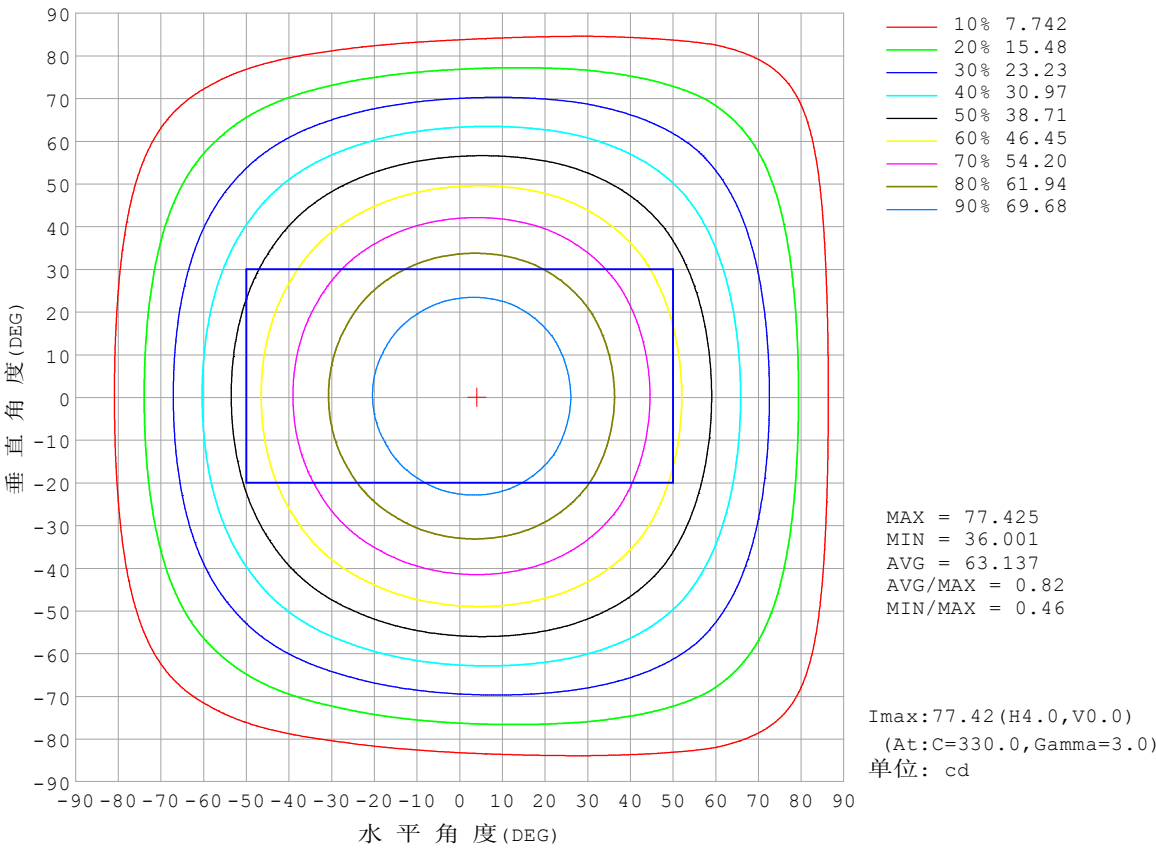
| 反 射 比 / REFLECTANCE        |   |     |     |     |     |     |                                 |     |     |         |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板                        | 0.8   | 0.8 | 0.8 | 0.7 | 0.7 | 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                       | 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  | 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  | 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 <sub>NOM</sub> = 1.25 |     |     |         |

C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:  
测试日期:2025-03-12

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:

灯 具 等 光 强 曲 线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |



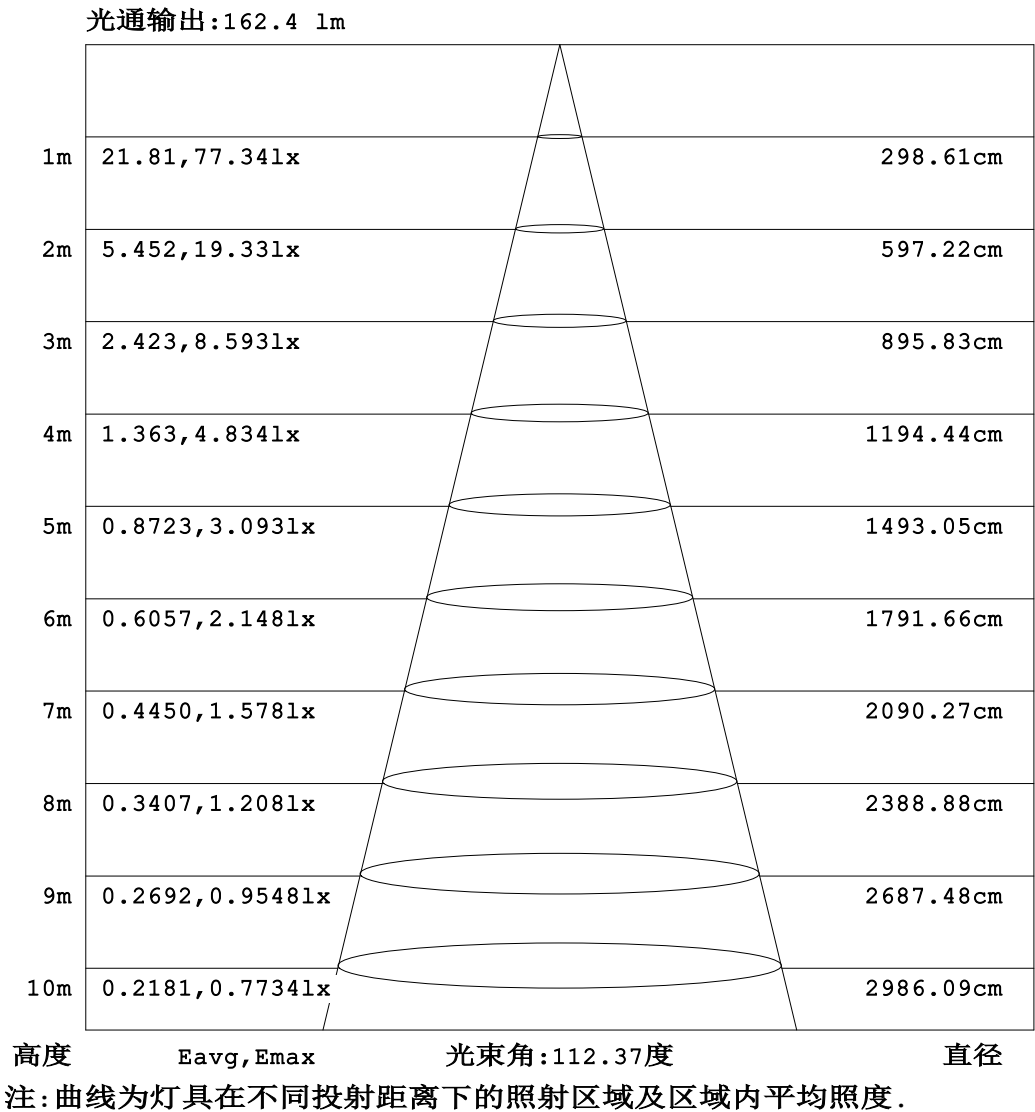
C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:  
测试日期:2025-03-12

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:



灯 具 有 效 平 均 照 度 图

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |

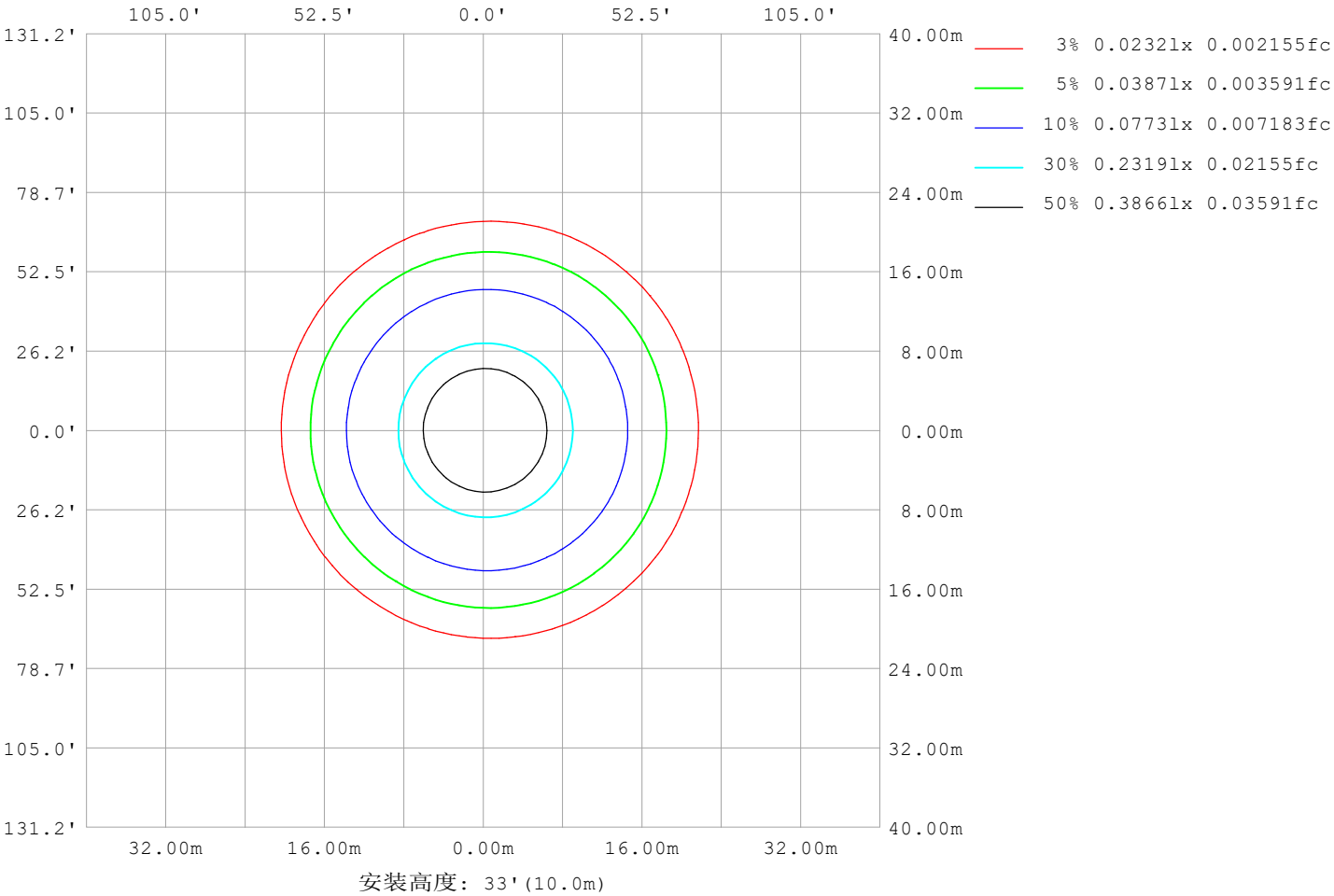


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员:  
测试日期: 2025-03-12

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:

平面等照度曲线

|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 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: OLympia lighting  | 发光口面:           | 遮光角:  |



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员:  
测试日期: 2025-03-12

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:

LED筒灯平均亮度报告

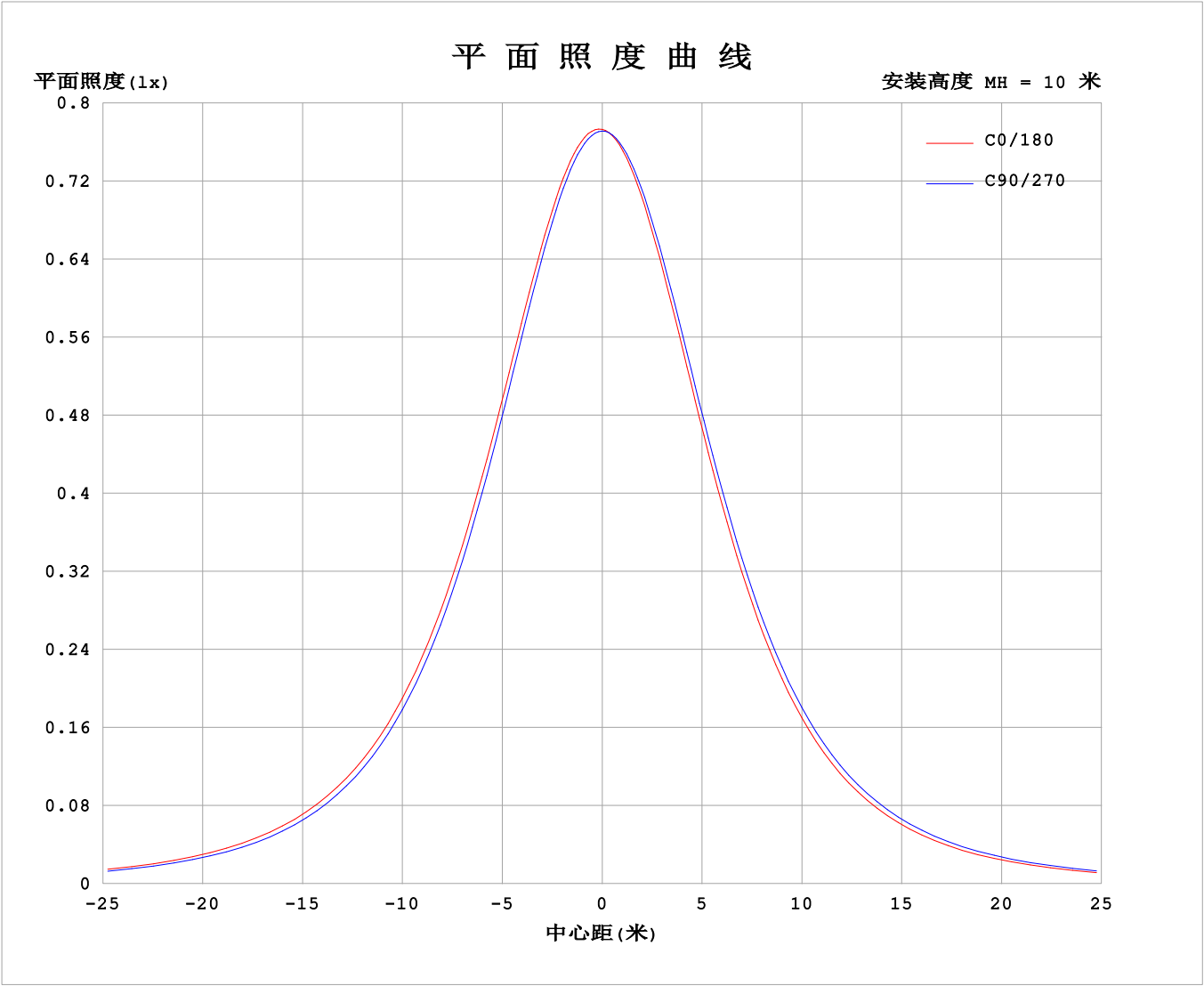
|   |                 |       |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |                 |       |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     | 灯具类型:           | 灯具重量: |
| 灯具规格:   | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting  | 发光口面:           | 遮光角:  |

| 平均亮度        | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av  | 4119       |
| L横 (75) av  | 4060       |
| L横 (85) av  | 4644       |
| L纵 (65) av  | 4113       |
| L纵 (75) av  | 4044       |
| L纵 (85) av  | 4202       |
| L45 (65) av | 4123       |
| L45 (75) av | 4064       |
| L45 (85) av | 4422       |

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: 30.0度<br>测试速度: 快速<br>环境温度:25.3℃<br>测试人员:<br>测试日期:2025-03-12 | 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: |
|--|---|

平面照度曲线



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员:  
测试日期: 2025-03-12

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:

光 强 分 布 数 据 表 格

|   |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.2419A P:5.806W PF:1.000 Freq:0Hz<br>实检光通: 235.424x1 lm |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |       |  |  |
| 灯具名称: SF16-24V-5050-70-DMX(3000K)-(2)                                     |  |  |  |  |  |  |  |  | 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: OLympia lighting  |  |  |  |  |  |  |  |  | 发光口面:           |  |  |  |  |  | 遮光角:  |  |  |

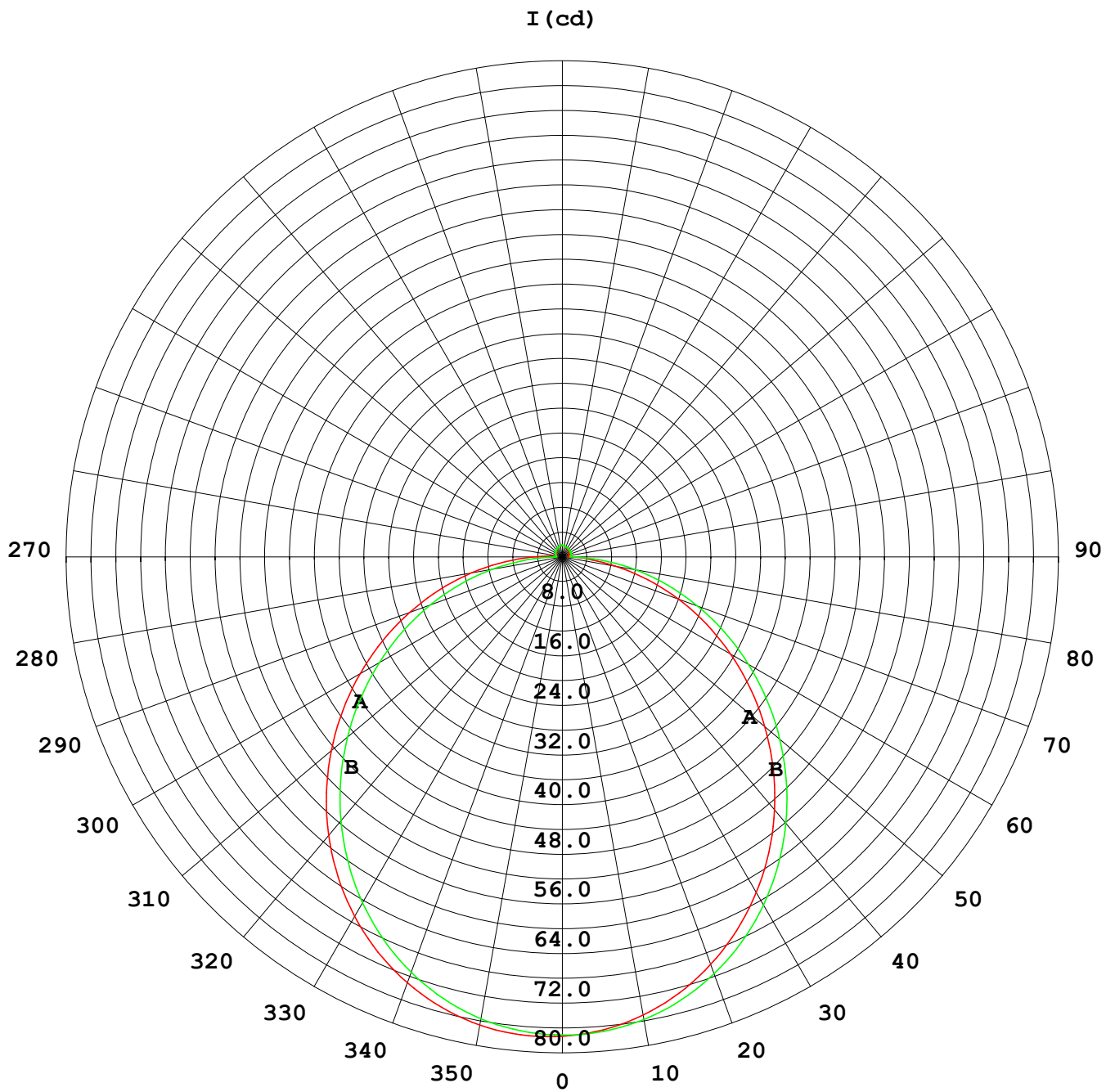
表--1

单位: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                  | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |  |  |  |  |  |  |
| 5                  | 77.2 | 77.2 | 77.0 | 76.8 | 76.6 | 76.4 | 76.4 | 76.4 | 76.6 | 76.9 | 77.1 | 77.3 |  |  |  |  |  |  |
| 10                 | 76.5 | 76.5 | 76.1 | 75.7 | 75.2 | 74.9 | 74.9 | 75.0 | 75.4 | 75.8 | 76.2 | 76.6 |  |  |  |  |  |  |
| 15                 | 75.1 | 75.0 | 74.5 | 73.9 | 73.2 | 72.8 | 72.7 | 72.8 | 73.4 | 74.1 | 74.7 | 75.1 |  |  |  |  |  |  |
| 20                 | 73.0 | 72.9 | 72.2 | 71.3 | 70.5 | 69.9 | 69.8 | 70.1 | 70.8 | 71.6 | 72.5 | 73.0 |  |  |  |  |  |  |
| 25                 | 70.2 | 70.0 | 69.3 | 68.2 | 67.2 | 66.5 | 66.4 | 66.7 | 67.5 | 68.6 | 69.6 | 70.2 |  |  |  |  |  |  |
| 30                 | 66.9 | 66.6 | 65.7 | 64.5 | 63.3 | 62.6 | 62.4 | 62.8 | 63.7 | 64.9 | 66.1 | 66.9 |  |  |  |  |  |  |
| 35                 | 62.9 | 62.7 | 61.6 | 60.2 | 58.9 | 58.1 | 58.0 | 58.4 | 59.4 | 60.7 | 62.1 | 62.9 |  |  |  |  |  |  |
| 40                 | 58.5 | 58.3 | 57.1 | 55.6 | 54.1 | 53.3 | 53.2 | 53.5 | 54.7 | 56.1 | 57.6 | 58.5 |  |  |  |  |  |  |
| 45                 | 53.7 | 53.4 | 52.1 | 50.6 | 49.0 | 48.1 | 48.0 | 48.4 | 49.6 | 51.1 | 52.7 | 53.7 |  |  |  |  |  |  |
| 50                 | 48.6 | 48.2 | 46.9 | 45.3 | 43.6 | 42.7 | 42.6 | 43.0 | 44.3 | 45.8 | 47.5 | 48.5 |  |  |  |  |  |  |
| 55                 | 43.1 | 42.8 | 41.4 | 39.7 | 38.0 | 37.1 | 37.0 | 37.4 | 38.7 | 40.3 | 42.1 | 43.1 |  |  |  |  |  |  |
| 60                 | 37.6 | 37.2 | 35.8 | 34.1 | 32.3 | 31.4 | 31.3 | 31.7 | 33.1 | 34.7 | 36.5 | 37.5 |  |  |  |  |  |  |
| 65                 | 31.9 | 31.6 | 30.1 | 28.4 | 26.6 | 25.7 | 25.6 | 26.0 | 27.3 | 29.0 | 30.8 | 31.9 |  |  |  |  |  |  |
| 70                 | 26.1 | 25.8 | 24.4 | 22.7 | 20.9 | 20.0 | 19.9 | 20.3 | 21.6 | 23.2 | 25.0 | 26.1 |  |  |  |  |  |  |
| 75                 | 20.4 | 20.2 | 18.7 | 17.0 | 15.3 | 14.3 | 14.2 | 14.7 | 16.0 | 17.5 | 19.3 | 20.4 |  |  |  |  |  |  |
| 80                 | 14.8 | 14.5 | 13.1 | 11.4 | 9.66 | 8.75 | 8.66 | 9.07 | 10.3 | 11.9 | 13.7 | 14.8 |  |  |  |  |  |  |
| 85                 | 9.18 | 8.85 | 7.47 | 5.78 | 4.22 | 4.07 | 4.18 | 4.27 | 4.82 | 6.30 | 8.07 | 9.11 |  |  |  |  |  |  |
| 90                 | 4.64 | 4.11 | 2.56 | 1.05 | 1.33 | 1.61 | 1.69 | 1.68 | 1.55 | 1.34 | 3.05 | 4.39 |  |  |  |  |  |  |
| 95                 | 1.54 | 1.14 | 0.97 | 1.08 | 1.11 | 1.09 | 0.93 | 1.08 | 1.27 | 1.31 | 1.23 | 1.44 |  |  |  |  |  |  |
| 100                | 1.02 | 0.99 | 1.03 | 1.13 | 1.16 | 1.15 | 0.97 | 1.11 | 1.31 | 1.37 | 1.26 | 1.04 |  |  |  |  |  |  |
| 105                | 1.05 | 1.12 | 1.13 | 1.18 | 1.21 | 1.21 | 1.04 | 1.16 | 1.37 | 1.42 | 1.31 | 1.05 |  |  |  |  |  |  |
| 110                | 1.12 | 1.20 | 1.21 | 1.24 | 1.26 | 1.27 | 1.10 | 1.21 | 1.41 | 1.46 | 1.34 | 1.11 |  |  |  |  |  |  |
| 115                | 1.18 | 1.25 | 1.28 | 1.31 | 1.31 | 1.33 | 1.17 | 1.27 | 1.45 | 1.48 | 1.38 | 1.16 |  |  |  |  |  |  |
| 120                | 1.26 | 1.33 | 1.33 | 1.36 | 1.36 | 1.39 | 1.23 | 1.32 | 1.49 | 1.50 | 1.41 | 1.22 |  |  |  |  |  |  |
| 125                | 1.33 | 1.38 | 1.38 | 1.42 | 1.41 | 1.44 | 1.30 | 1.38 | 1.52 | 1.53 | 1.44 | 1.27 |  |  |  |  |  |  |
| 130                | 1.39 | 1.43 | 1.43 | 1.46 | 1.47 | 1.50 | 1.36 | 1.43 | 1.57 | 1.56 | 1.48 | 1.33 |  |  |  |  |  |  |
| 135                | 1.46 | 1.48 | 1.47 | 1.51 | 1.52 | 1.55 | 1.43 | 1.48 | 1.60 | 1.59 | 1.52 | 1.35 |  |  |  |  |  |  |
| 140                | 1.51 | 1.53 | 1.51 | 1.57 | 1.57 | 1.60 | 1.50 | 1.53 | 1.64 | 1.62 | 1.56 | 1.41 |  |  |  |  |  |  |
| 145                | 1.57 | 1.59 | 1.57 | 1.62 | 1.61 | 1.65 | 1.56 | 1.58 | 1.67 | 1.65 | 1.59 | 1.46 |  |  |  |  |  |  |
| 150                | 1.63 | 1.64 | 1.62 | 1.67 | 1.66 | 1.71 | 1.63 | 1.64 | 1.72 | 1.69 | 1.63 | 1.52 |  |  |  |  |  |  |
| 155                | 1.69 | 1.70 | 1.67 | 1.72 | 1.71 | 1.75 | 1.69 | 1.69 | 1.76 | 1.73 | 1.69 | 1.58 |  |  |  |  |  |  |
| 160                | 1.75 | 1.74 | 1.72 | 1.77 | 1.77 | 1.81 | 1.75 | 1.74 | 1.79 | 1.76 | 1.74 | 1.63 |  |  |  |  |  |  |
| 165                | 1.78 | 1.79 | 1.78 | 1.83 | 1.82 | 1.85 | 1.80 | 1.78 | 1.82 | 1.80 | 1.79 | 1.70 |  |  |  |  |  |  |
| 170                | 1.80 | 1.86 | 1.83 | 1.87 | 1.85 | 1.89 | 1.82 | 1.83 | 1.86 | 1.83 | 1.83 | 1.79 |  |  |  |  |  |  |
| 175                | 1.83 | 1.89 | 1.87 | 1.91 | 1.89 | 1.89 | 1.85 | 1.87 | 1.90 | 1.87 | 1.88 | 1.85 |  |  |  |  |  |  |
| 180                | 1.85 | 1.89 | 1.90 | 1.91 | 1.89 | 1.89 | 1.86 | 1.89 | 1.90 | 1.91 | 1.91 | 1.89 |  |  |  |  |  |  |

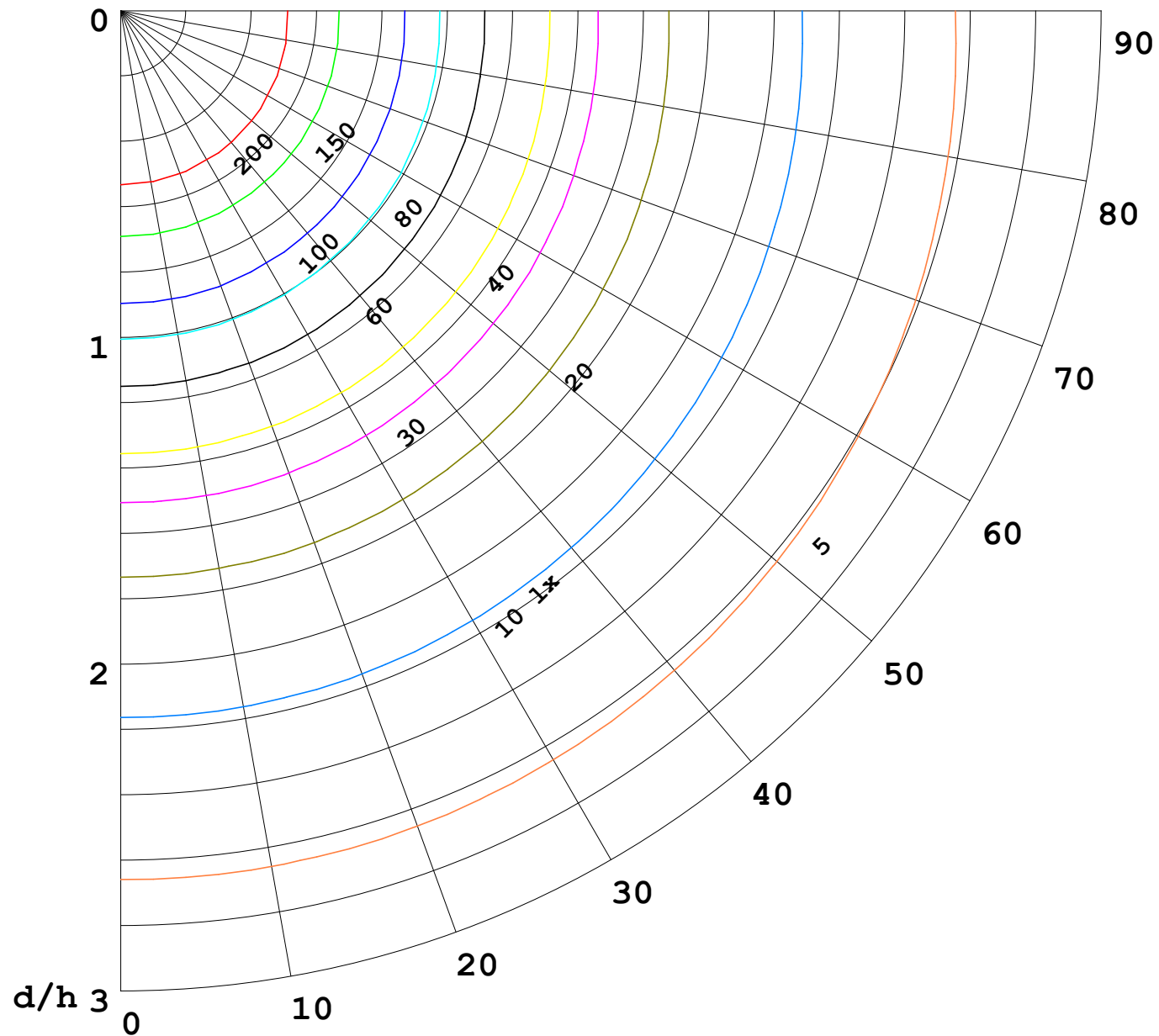
C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:  
测试日期:2025-03-12

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:



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  |

