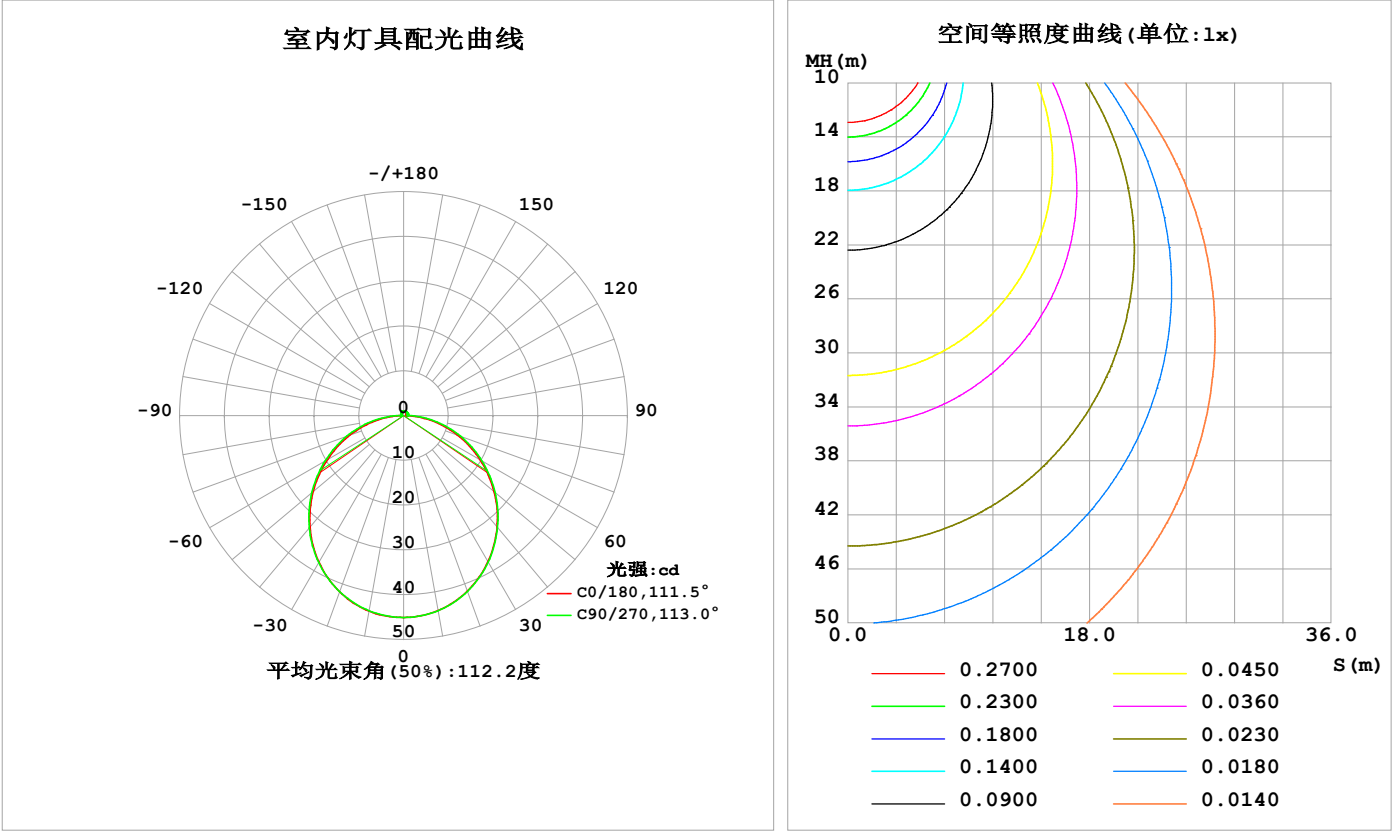


室内灯具光度数据

| | | | | | |
|---|--|-----------------|--|-------|--|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz | | | | | |
| 实检光通: 136.469x1 lm | | | | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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: 32.68 lm/W |
|------------|---------|-----------|--------|--------------------|----------|----------------|
| 型号 | | 峰值光强 (cd) | 45.08 | 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) | 136.47 | η UP,DN (C0-180) | 2.1,48.2 | |
| 额定光通量 (lm) | 136.469 | CIE分类 | 直接 | η UP,DN (C180-360) | 1.8,47.9 | |
| 灯具内光源数 (只) | 1 | 上射光通比 (%) | 3.9 | CIBSE SHR NOM | 1.25 | |
| 实测电源电压 (V) | | 下射光通比 (%) | 96.1 | 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: 2024-11-13

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: GREEN

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 | 44.22 | 44.27 | 44.26 | 44.44 | 44.37 | 44.38 | 44.27 | 44.19 | 0- 10 | 4.267 | 4.267 | 3.13,3.13 |
| 20 | 41.69 | 41.80 | 41.77 | 42.10 | 41.87 | 42.03 | 41.83 | 41.68 | 10- 20 | 12.21 | 16.48 | 12.1,12.1 |
| 30 | 37.69 | 37.84 | 37.80 | 38.21 | 37.83 | 38.13 | 37.92 | 37.67 | 20- 30 | 18.45 | 34.93 | 25.6,25.6 |
| 40 | 32.47 | 32.67 | 32.65 | 33.01 | 32.51 | 32.93 | 32.78 | 32.44 | 30- 40 | 22.16 | 57.09 | 41.8,41.8 |
| 50 | 26.37 | 26.64 | 26.67 | 26.87 | 26.33 | 26.80 | 26.77 | 26.36 | 40- 50 | 22.94 | 80.03 | 58.6,58.6 |
| 60 | 19.71 | 20.07 | 20.19 | 20.16 | 19.62 | 20.11 | 20.26 | 19.82 | 50- 60 | 20.87 | 100.9 | 73.9,73.9 |
| 70 | 12.84 | 13.34 | 13.57 | 13.23 | 12.72 | 13.18 | 13.56 | 13.07 | 60- 70 | 16.44 | 117.3 | 86,86 |
| 80 | 6.033 | 6.591 | 7.004 | 6.372 | 5.895 | 6.285 | 6.908 | 6.303 | 70- 80 | 10.34 | 127.7 | 93.6,93.6 |
| 90 | 0.9009 | 0.9866 | 0.9271 | 0.9025 | 0.7568 | 0.7437 | 0.6756 | 0.8623 | 80- 90 | 3.533 | 131.2 | 96.1,96.1 |
| 100 | 0.5908 | 0.7620 | 0.9442 | 0.8289 | 0.5937 | 0.6552 | 0.7133 | 0.6527 | 90-100 | 0.7964 | 132.0 | 96.7,96.7 |
| 110 | 0.6714 | 0.8140 | 0.9760 | 0.8346 | 0.6283 | 0.6928 | 0.7508 | 0.6585 | 100-110 | 0.7771 | 132.8 | 97.3,97.3 |
| 120 | 0.7520 | 0.8572 | 0.9847 | 0.8635 | 0.6831 | 0.7592 | 0.7912 | 0.7482 | 110-120 | 0.7714 | 133.6 | 97.9,97.9 |
| 130 | 0.8298 | 0.8890 | 0.9962 | 0.9039 | 0.7666 | 0.8314 | 0.8520 | 0.8376 | 120-130 | 0.7482 | 134.3 | 98.4,98.4 |
| 140 | 0.8934 | 0.9295 | 1.008 | 0.9501 | 0.8502 | 0.9094 | 0.9298 | 0.9069 | 130-140 | 0.6895 | 135.0 | 98.9,98.9 |
| 150 | 0.9568 | 0.9727 | 1.037 | 1.002 | 0.9310 | 0.9844 | 0.9993 | 0.9734 | 140-150 | 0.5957 | 135.6 | 99.4,99.4 |
| 160 | 1.029 | 1.042 | 1.071 | 1.051 | 1.006 | 1.062 | 1.074 | 1.046 | 150-160 | 0.4681 | 136.1 | 99.7,99.7 |
| 170 | 1.061 | 1.082 | 1.100 | 1.089 | 1.052 | 1.114 | 1.123 | 1.100 | 160-170 | 0.3030 | 136.4 | 99.9,99.9 |
| 180 | 1.075 | 1.123 | 1.132 | 1.118 | 1.075 | 1.126 | 1.135 | 1.129 | 170-180 | 0.1055 | 136.5 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：68.651 lm

%lum = 50.3%
%lamp = 50.3%

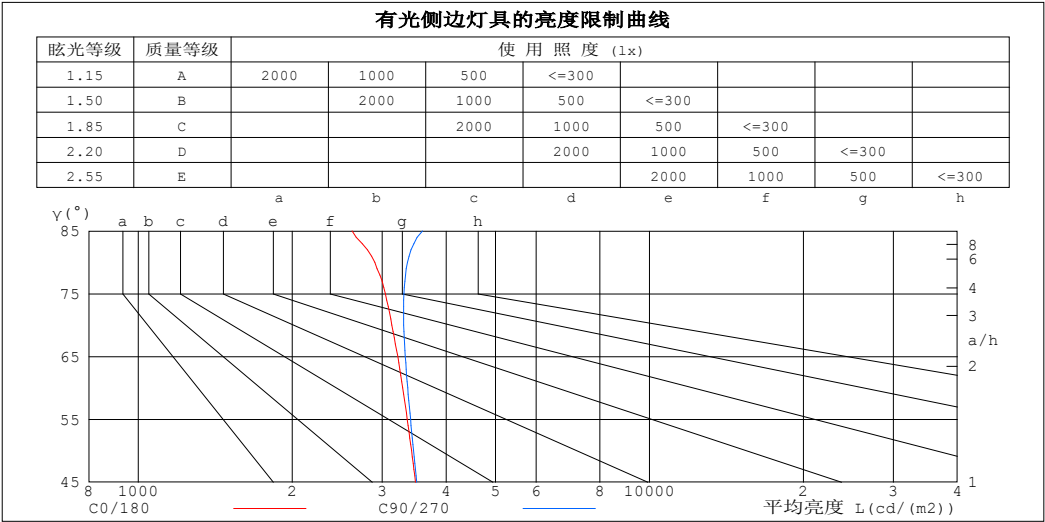
锥面光通量(130度)：109.8 lm

%lum = 80.5%
%lamp = 80.5%

| | |
|---|---|
| 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:2024-11-13 | 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：GREEN |
|---|---|

灯具亮度限制曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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 | 2618 | 3595 |
| 80 | 2900 | 3359 |
| 75 | 3041 | 3307 |
| 70 | 3133 | 3304 |
| 65 | 3218 | 3328 |
| 60 | 3290 | 3364 |
| 55 | 3358 | 3408 |
| 50 | 3423 | 3456 |
| 45 | 3483 | 3504 |

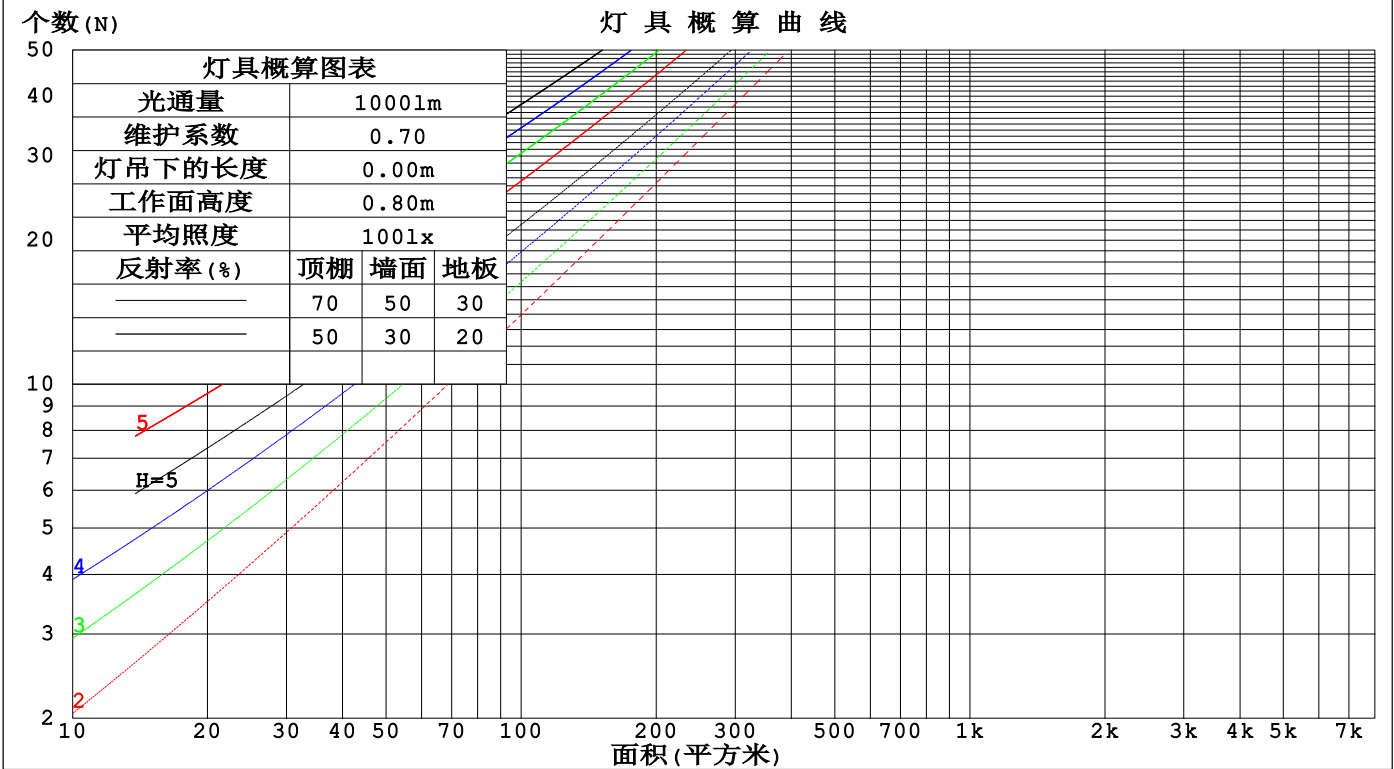
C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-11-13

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: GREEN

工作面利用系数和灯具概算曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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 | .94 | .00 | .96 | .92 | .95 | .91 | .88 | .90 | .87 | .85 | .86 | .84 | .82 | .79 |
| 2.0 | .89 | .82 | .76 | .87 | .80 | .75 | .82 | .77 | .72 | .79 | .74 | .70 | .75 | .71 | .68 | .66 |
| 3.0 | .78 | .70 | .63 | .76 | .68 | .62 | .72 | .66 | .60 | .69 | .64 | .59 | .66 | .61 | .57 | .55 |
| 4.0 | .69 | .60 | .53 | .67 | .59 | .53 | .64 | .57 | .51 | .61 | .55 | .50 | .59 | .54 | .49 | .47 |
| 5.0 | .61 | .52 | .46 | .60 | .52 | .45 | .58 | .50 | .44 | .55 | .49 | .44 | .53 | .47 | .43 | .40 |
| 6.0 | .55 | .46 | .40 | .54 | .46 | .39 | .52 | .44 | .39 | .50 | .43 | .38 | .48 | .42 | .37 | .35 |
| 7.0 | .50 | .41 | .35 | .49 | .41 | .35 | .47 | .40 | .34 | .45 | .39 | .34 | .44 | .38 | .33 | .31 |
| 8.0 | .46 | .37 | .31 | .45 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .30 | .40 | .34 | .30 | .28 |
| 9.0 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .38 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .39 | .31 | .25 | .38 | .30 | .25 | .37 | .30 | .25 | .36 | .29 | .25 | .34 | .29 | .24 | .23 |



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: 2024-11-13

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: GREEN

墙面和天花板利用系数

| | | | | | |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | | | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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 | .320 | .182 | .058 | .312 | .178 | .057 | .297 | .170 | .054 | .282 | .163 | .052 | .269 | .156 | .050 | |
| 2.0 | .297 | .163 | .050 | .290 | .160 | .049 | .276 | .154 | .048 | .264 | .148 | .046 | .252 | .142 | .045 | |
| 3.0 | .273 | .146 | .044 | .267 | .143 | .043 | .255 | .138 | .042 | .243 | .133 | .041 | .233 | .129 | .040 | |
| 4.0 | .251 | .131 | .038 | .245 | .128 | .038 | .235 | .124 | .037 | .224 | .120 | .036 | .215 | .117 | .036 | |
| 5.0 | .232 | .118 | .034 | .226 | .116 | .034 | .217 | .113 | .033 | .207 | .109 | .033 | .199 | .106 | .032 | |
| 6.0 | .214 | .107 | .031 | .210 | .106 | .030 | .201 | .103 | .030 | .193 | .100 | .029 | .185 | .097 | .029 | |
| 7.0 | .199 | .099 | .028 | .195 | .097 | .028 | .187 | .095 | .027 | .180 | .092 | .027 | .173 | .090 | .026 | |
| 8.0 | .186 | .091 | .026 | .182 | .090 | .025 | .175 | .087 | .025 | .168 | .085 | .025 | .162 | .083 | .024 | |
| 9.0 | .174 | .084 | .024 | .171 | .083 | .023 | .164 | .081 | .023 | .158 | .079 | .023 | .152 | .077 | .022 | |
| 10.0 | .164 | .078 | .022 | .160 | .077 | .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 | .220 | .220 | .220 | .188 | .188 | .188 | .128 | .128 | .128 | .074 | .074 | .074 | .024 | .024 | .024 | |
| 1.0 | .211 | .186 | .163 | .180 | .159 | .140 | .123 | .110 | .097 | .071 | .063 | .056 | .023 | .020 | .018 | |
| 2.0 | .203 | .162 | .127 | .174 | .139 | .110 | .119 | .096 | .077 | .069 | .056 | .045 | .022 | .018 | .015 | |
| 3.0 | .195 | .144 | .104 | .167 | .124 | .090 | .115 | .086 | .063 | .066 | .050 | .037 | .021 | .016 | .012 | |
| 4.0 | .187 | .131 | .088 | .161 | .113 | .077 | .111 | .079 | .054 | .064 | .046 | .032 | .021 | .015 | .010 | |
| 5.0 | .180 | .121 | .077 | .155 | .105 | .067 | .106 | .073 | .047 | .062 | .043 | .028 | .020 | .014 | .009 | |
| 6.0 | .173 | .113 | .069 | .149 | .097 | .060 | .102 | .068 | .043 | .059 | .040 | .025 | .019 | .013 | .008 | |
| 7.0 | .166 | .106 | .063 | .143 | .092 | .055 | .099 | .064 | .039 | .057 | .038 | .023 | .019 | .012 | .008 | |
| 8.0 | .159 | .100 | .059 | .137 | .087 | .052 | .095 | .061 | .037 | .055 | .036 | .022 | .018 | .012 | .007 | |
| 9.0 | .153 | .095 | .056 | .132 | .082 | .049 | .092 | .058 | .034 | .053 | .034 | .021 | .017 | .011 | .007 | |
| 10.0 | .148 | .091 | .053 | .127 | .079 | .046 | .088 | .055 | .033 | .051 | .033 | .020 | .017 | .011 | .006 | |

| | |
|---|---|
| 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:2024-11-13 | 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: GREEN |
|---|---|

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | |
|---|----------------------|------|------|------|-----------------|--------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | | | | | | | | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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 | 23.8 | 25.2 | 24.1 | 25.5 | 25.8 | 23.8 | 25.3 | 24.2 | 25.6 | 25.9 |
| 3H | 25.4 | 26.7 | 25.7 | 27.0 | 27.4 | 25.5 | 26.9 | 25.9 | 27.2 | 27.5 |
| 4H | 26.1 | 27.4 | 26.4 | 27.7 | 28.0 | 26.3 | 27.6 | 26.7 | 27.9 | 28.3 |
| 6H | 26.6 | 27.8 | 27.0 | 28.2 | 28.5 | 26.9 | 28.2 | 27.3 | 28.5 | 28.9 |
| 8H | 26.8 | 28.0 | 27.2 | 28.3 | 28.7 | 27.2 | 28.4 | 27.6 | 28.7 | 29.1 |
| 12H | 26.9 | 28.0 | 27.3 | 28.4 | 28.8 | 27.4 | 28.5 | 27.8 | 28.9 | 29.3 |
| 4H 2H | 24.4 | 25.7 | 24.8 | 26.0 | 26.4 | 24.5 | 25.8 | 24.8 | 26.1 | 26.4 |
| 3H | 26.2 | 27.3 | 26.6 | 27.7 | 28.1 | 26.4 | 27.5 | 26.8 | 27.9 | 28.3 |
| 4H | 27.0 | 28.1 | 27.5 | 28.5 | 28.9 | 27.3 | 28.3 | 27.7 | 28.7 | 29.1 |
| 6H | 27.7 | 28.6 | 28.2 | 29.1 | 29.5 | 28.1 | 29.0 | 28.5 | 29.4 | 29.9 |
| 8H | 28.0 | 28.8 | 28.4 | 29.3 | 29.7 | 28.4 | 29.2 | 28.9 | 29.7 | 30.2 |
| 12H | 28.1 | 28.9 | 28.6 | 29.4 | 29.9 | 28.7 | 29.5 | 29.1 | 29.9 | 30.4 |
| 8H 4H | 27.4 | 28.2 | 27.9 | 28.7 | 29.1 | 27.6 | 28.4 | 28.0 | 28.9 | 29.3 |
| 6H | 28.2 | 29.0 | 28.7 | 29.4 | 29.9 | 28.6 | 29.3 | 29.1 | 29.7 | 30.3 |
| 8H | 28.6 | 29.2 | 29.1 | 29.7 | 30.2 | 29.0 | 29.6 | 29.5 | 30.1 | 30.7 |
| 12H | 28.8 | 29.4 | 29.4 | 29.9 | 30.5 | 29.4 | 29.9 | 29.9 | 30.5 | 31.0 |
| 12H 4H | 27.4 | 28.2 | 27.9 | 28.7 | 29.1 | 27.6 | 28.4 | 28.1 | 28.8 | 29.3 |
| 6H | 28.3 | 29.0 | 28.9 | 29.5 | 30.0 | 28.6 | 29.3 | 29.2 | 29.8 | 30.3 |
| 8H | 28.7 | 29.3 | 29.3 | 29.8 | 30.4 | 29.1 | 29.7 | 29.7 | 30.2 | 30.8 |
| 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 / - 0.2 | | | | | + 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, 136.5lm光源光通表格中的数据需要进行修正(8log(F/F0) = -6.9).
出光口面积: 0.012 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:2024-11-13 | 备注: GREEN |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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: |

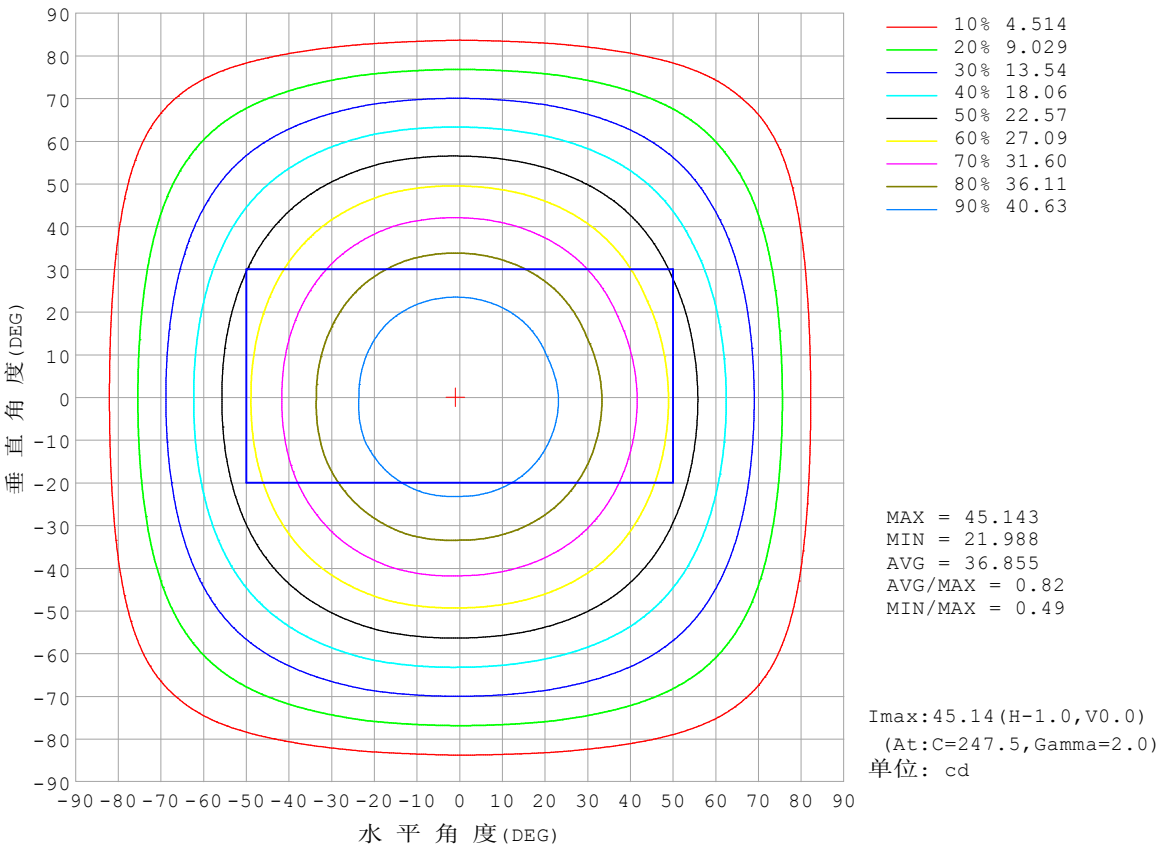
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|----------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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 | 54 | 43 | 37 | 30 |
| 0.80 | 66 | 54 | 46 | 65 | 53 | 46 | 63 | 52 | 46 | 39 |
| 1.00 | 74 | 63 | 55 | 73 | 62 | 55 | 70 | 63 | 54 | 47 |
| 1.25 | 81 | 70 | 63 | 79 | 69 | 62 | 76 | 68 | 61 | 53 |
| 1.50 | 86 | 76 | 69 | 84 | 75 | 68 | 81 | 73 | 67 | 58 |
| 2.00 | 93 | 84 | 77 | 91 | 83 | 76 | 87 | 80 | 75 | 66 |
| 2.50 | 97 | 89 | 83 | 95 | 87 | 81 | 90 | 84 | 79 | 70 |
| 3.00 | 100 | 93 | 87 | 98 | 91 | 86 | 93 | 88 | 83 | 74 |
| 4.00 | 105 | 99 | 94 | 102 | 96 | 92 | 97 | 93 | 89 | 79 |
| 5.00 | 107 | 102 | 98 | 104 | 100 | 96 | 99 | 95 | 92 | 82 |
| 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: 2024-11-13

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: GREEN

灯 具 等 光 强 曲 线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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: |

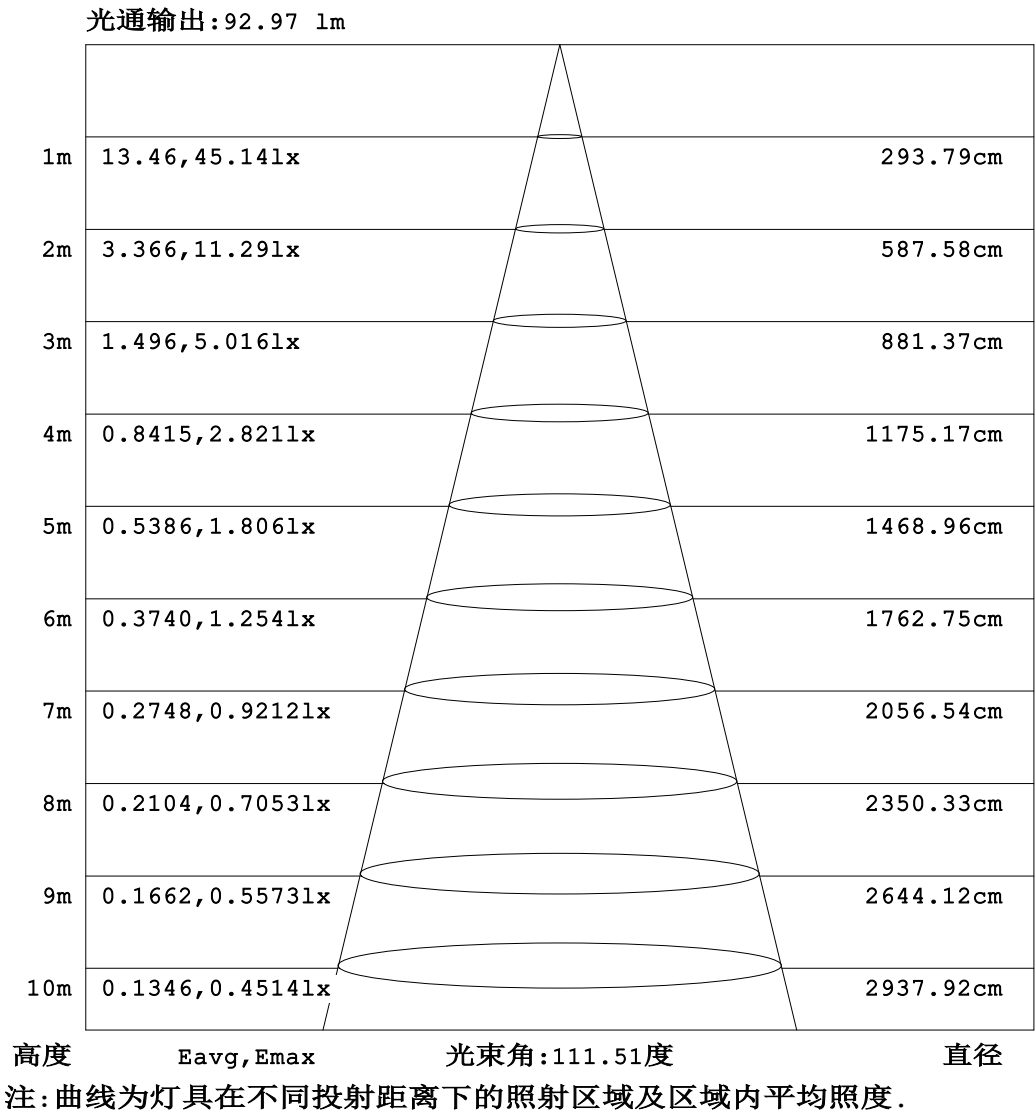


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-11-13

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: GREEN

灯 具 有 效 平 均 照 度 图

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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: |

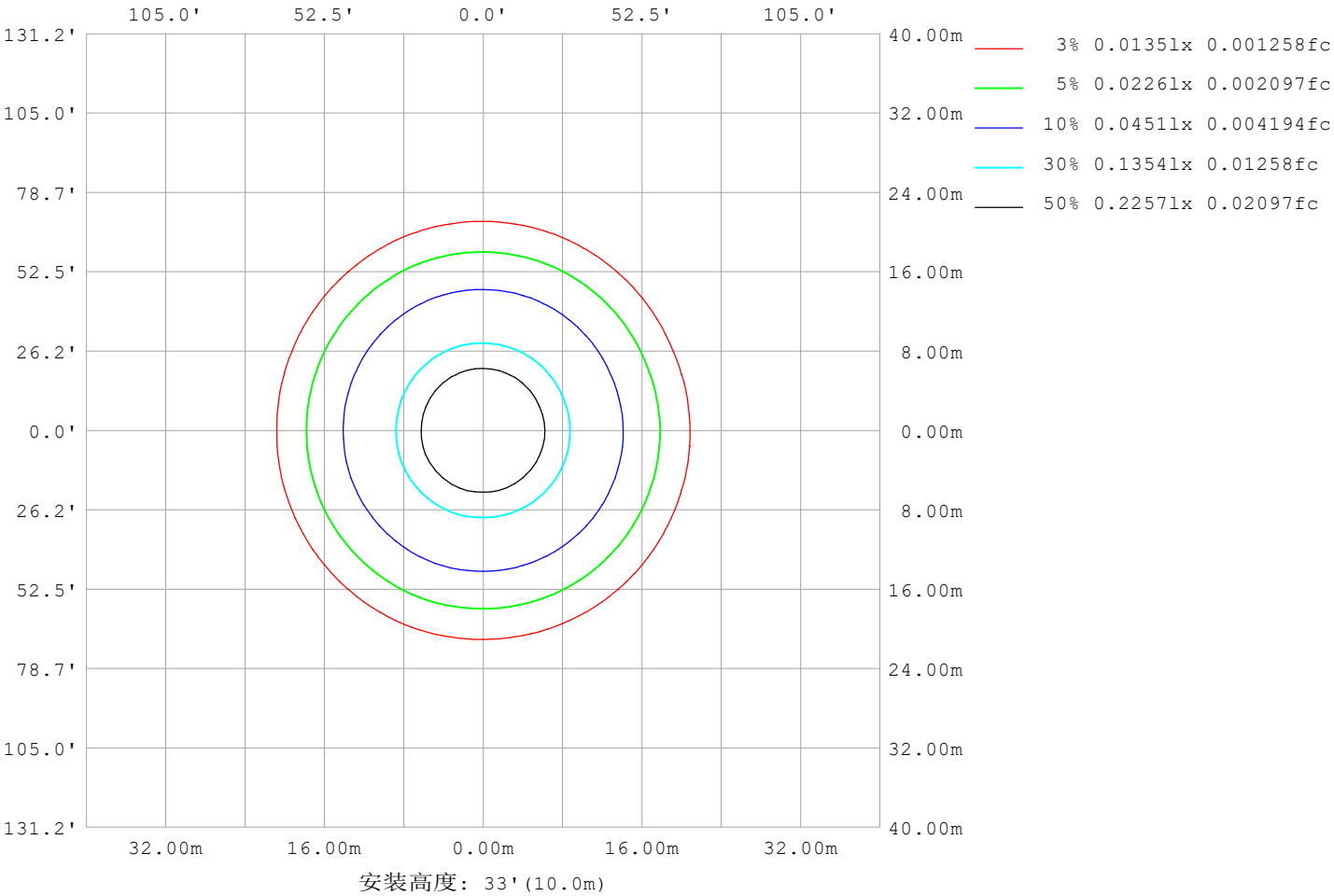


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-11-13

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: GREEN

平面等照度曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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: 2024-11-13

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: GREEN

LED筒灯平均亮度报告

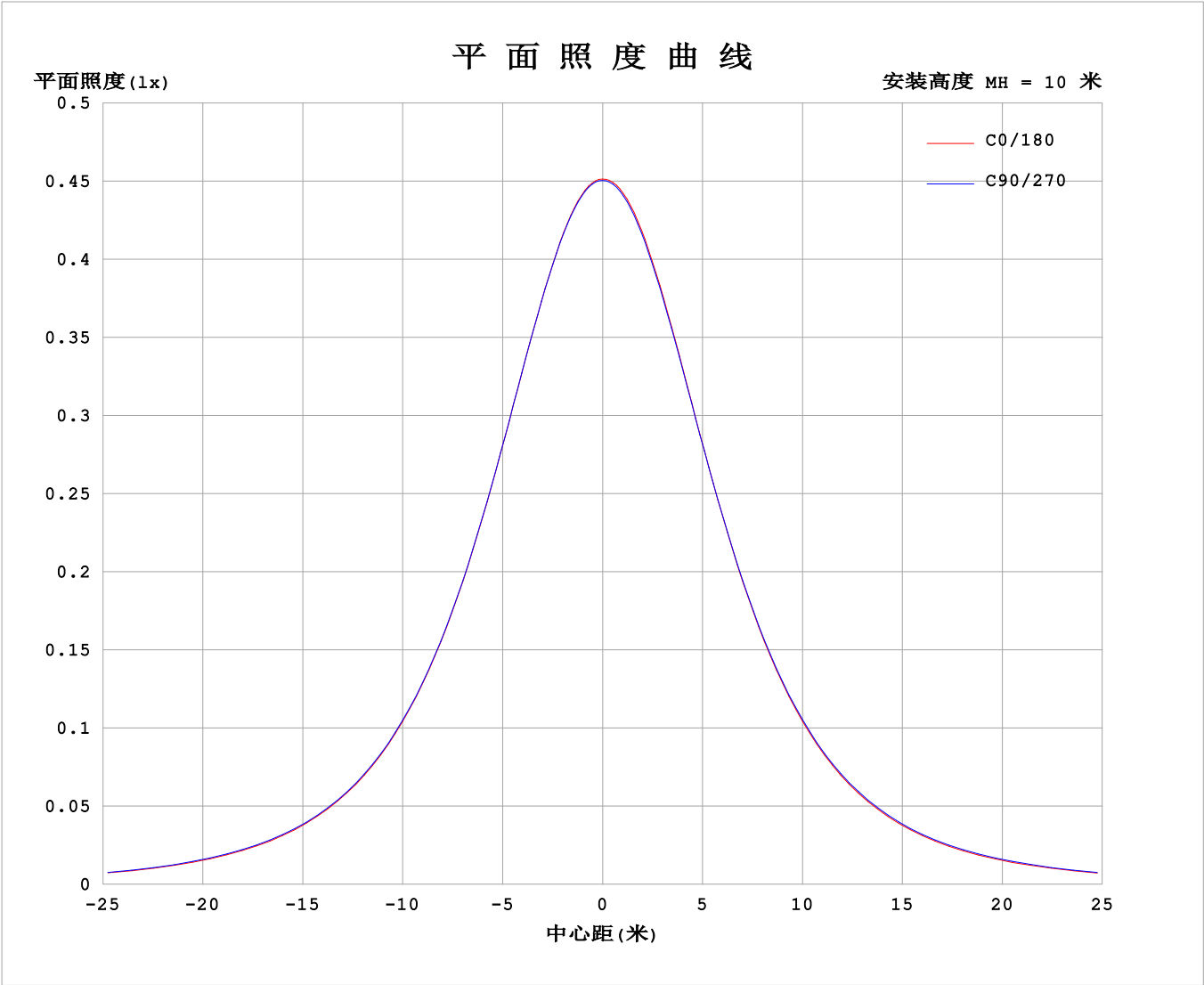
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | |
| 灯具名称: SF15-24V-5050-60-RGBW-80 | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 3201 |
| L横 (75) av | 3013 |
| L横 (85) av | 2545 |
| L纵 (65) av | 3334 |
| L纵 (75) av | 3300 |
| L纵 (85) av | 3528 |
| L45 (65) av | 3281 |
| L45 (75) av | 3152 |
| L45 (85) av | 2882 |

注: 依据标准 GB/T 29293-2012 计算

| | |
|--|--|
| 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: 2024-11-13 | 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: GREEN |
|--|--|

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: 2024-11-13

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: GREEN

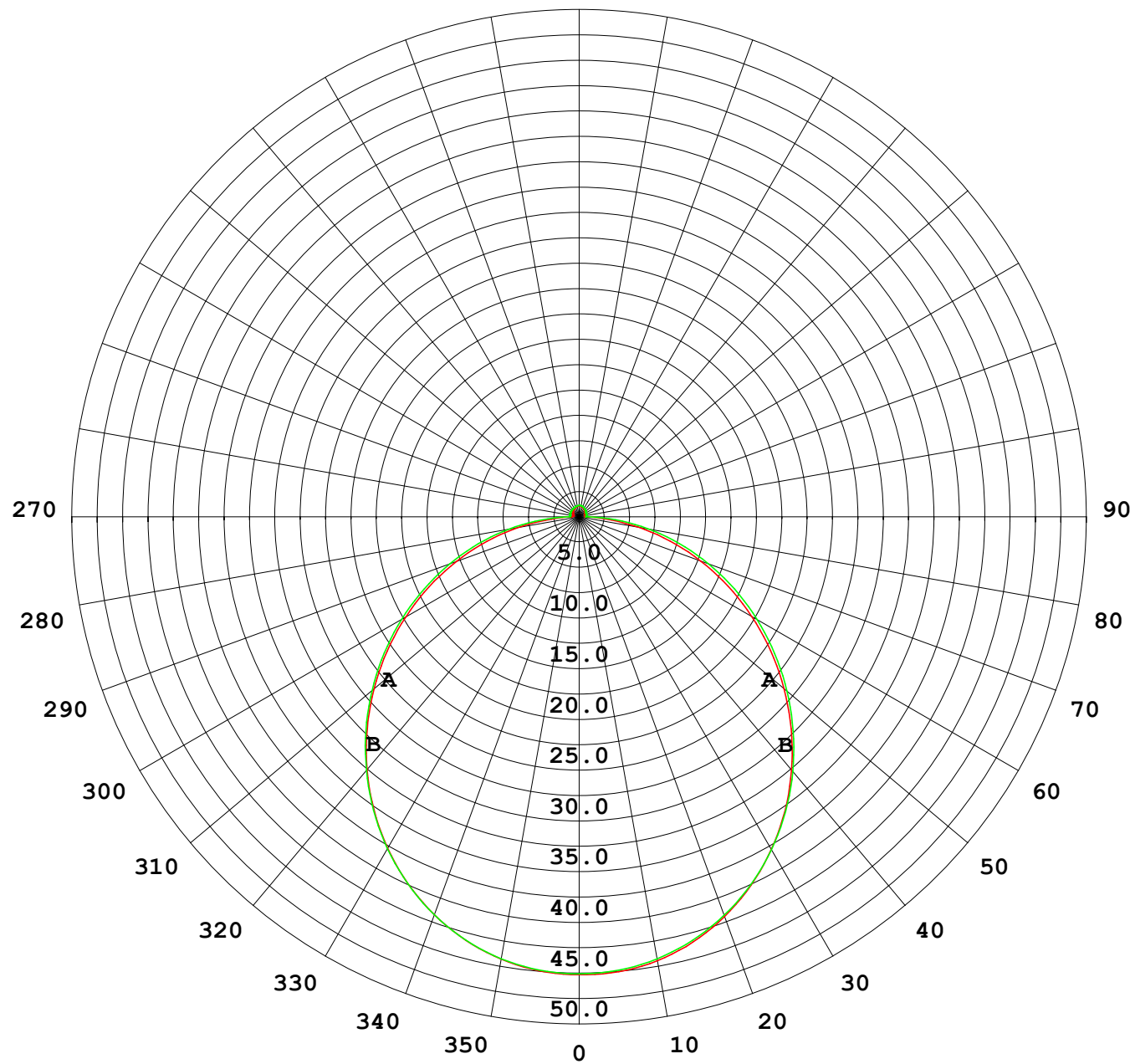
光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.1740A P:4.176W PF:1.000 Freq:0Hz 实检光通: 136.469x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称: SF15-24V-5050-60-RGBW-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 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | | | |
| | 5 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 45.0 | 45.0 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.8 | 44.8 | | |
| | 10 | 44.2 | 44.2 | 44.3 | 44.2 | 44.3 | 44.3 | 44.4 | 44.5 | 44.4 | 44.4 | 44.4 | 44.3 | 44.3 | 44.2 | 44.2 | 44.2 | | | |
| | 15 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.4 | 43.5 | 43.5 | 43.3 | 43.4 | 43.4 | 43.3 | 43.2 | 43.2 | 43.1 | 43.0 | | | |
| | 20 | 41.7 | 41.8 | 41.8 | 41.8 | 41.8 | 42.0 | 42.1 | 42.1 | 41.9 | 42.0 | 42.0 | 42.0 | 41.8 | 41.8 | 41.7 | 41.5 | | | |
| | 25 | 39.9 | 39.9 | 40.0 | 40.0 | 40.0 | 40.2 | 40.3 | 40.4 | 40.0 | 40.1 | 40.3 | 40.2 | 40.0 | 39.9 | 39.9 | 39.6 | | | |
| | 30 | 37.7 | 37.8 | 37.8 | 37.8 | 37.8 | 38.1 | 38.2 | 38.2 | 37.8 | 37.9 | 38.1 | 38.1 | 37.9 | 37.8 | 37.7 | 37.4 | | | |
| | 35 | 35.2 | 35.3 | 35.4 | 35.4 | 35.3 | 35.7 | 35.8 | 35.7 | 35.3 | 35.4 | 35.7 | 35.7 | 35.5 | 35.4 | 35.2 | 34.9 | | | |
| | 40 | 32.5 | 32.6 | 32.7 | 32.7 | 32.6 | 33.0 | 33.0 | 32.9 | 32.5 | 32.7 | 32.9 | 33.0 | 32.8 | 32.6 | 32.4 | 32.1 | | | |
| | 45 | 29.5 | 29.6 | 29.7 | 29.7 | 29.7 | 30.1 | 30.0 | 29.9 | 29.5 | 29.7 | 30.0 | 30.1 | 29.9 | 29.7 | 29.5 | 29.2 | | | |
| | 50 | 26.4 | 26.4 | 26.6 | 26.7 | 26.7 | 27.0 | 26.9 | 26.7 | 26.3 | 26.5 | 26.8 | 27.0 | 26.8 | 26.6 | 26.4 | 26.0 | | | |
| | 55 | 23.1 | 23.2 | 23.4 | 23.4 | 23.5 | 23.7 | 23.6 | 23.3 | 23.0 | 23.2 | 23.5 | 23.8 | 23.6 | 23.4 | 23.1 | 22.8 | | | |
| | 60 | 19.7 | 19.8 | 20.1 | 20.2 | 20.2 | 20.4 | 20.2 | 19.9 | 19.6 | 19.8 | 20.1 | 20.4 | 20.3 | 20.1 | 19.8 | 19.4 | | | |
| | 65 | 16.3 | 16.4 | 16.7 | 16.9 | 16.9 | 17.0 | 16.7 | 16.4 | 16.2 | 16.3 | 16.7 | 17.0 | 16.9 | 16.8 | 16.5 | 16.0 | | | |
| | 70 | 12.8 | 13.0 | 13.3 | 13.5 | 13.6 | 13.6 | 13.2 | 12.9 | 12.7 | 12.9 | 13.2 | 13.6 | 13.6 | 13.4 | 13.1 | 12.6 | | | |
| | 75 | 9.43 | 9.60 | 9.96 | 10.2 | 10.3 | 10.2 | 9.79 | 9.44 | 9.28 | 9.41 | 9.72 | 10.1 | 10.2 | 10.1 | 9.68 | 9.25 | | | |
| | 80 | 6.03 | 6.22 | 6.59 | 6.94 | 7.00 | 6.85 | 6.37 | 6.01 | 5.89 | 5.99 | 6.28 | 6.72 | 6.91 | 6.76 | 6.30 | 5.88 | | | |
| | 85 | 2.73 | 2.91 | 3.23 | 3.61 | 3.76 | 3.48 | 3.00 | 2.65 | 2.59 | 2.65 | 2.89 | 3.30 | 3.62 | 3.39 | 2.94 | 2.62 | | | |
| | 90 | 0.90 | 0.92 | 0.99 | 0.96 | 0.93 | 0.93 | 0.90 | 0.80 | 0.76 | 0.77 | 0.74 | 0.73 | 0.68 | 0.81 | 0.86 | 0.89 | | | |
| | 95 | 0.61 | 0.65 | 0.77 | 0.89 | 0.92 | 0.91 | 0.83 | 0.74 | 0.58 | 0.60 | 0.64 | 0.67 | 0.69 | 0.67 | 0.64 | 0.61 | | | |
| | 100 | 0.59 | 0.67 | 0.76 | 0.90 | 0.94 | 0.92 | 0.83 | 0.74 | 0.59 | 0.60 | 0.66 | 0.67 | 0.71 | 0.65 | 0.65 | 0.59 | | | |
| | 105 | 0.63 | 0.70 | 0.79 | 0.92 | 0.96 | 0.93 | 0.83 | 0.76 | 0.61 | 0.61 | 0.67 | 0.68 | 0.73 | 0.66 | 0.65 | 0.60 | | | |
| | 110 | 0.67 | 0.73 | 0.81 | 0.94 | 0.98 | 0.95 | 0.83 | 0.78 | 0.63 | 0.63 | 0.69 | 0.71 | 0.75 | 0.68 | 0.66 | 0.62 | | | |
| | 115 | 0.71 | 0.77 | 0.83 | 0.95 | 0.98 | 0.96 | 0.85 | 0.79 | 0.65 | 0.66 | 0.72 | 0.74 | 0.77 | 0.69 | 0.71 | 0.65 | | | |
| | 120 | 0.75 | 0.81 | 0.86 | 0.96 | 0.98 | 0.97 | 0.86 | 0.81 | 0.68 | 0.69 | 0.76 | 0.77 | 0.79 | 0.75 | 0.75 | 0.70 | | | |
| | 125 | 0.80 | 0.84 | 0.87 | 0.97 | 0.99 | 0.99 | 0.88 | 0.83 | 0.73 | 0.73 | 0.79 | 0.79 | 0.81 | 0.80 | 0.80 | 0.74 | | | |
| | 130 | 0.83 | 0.87 | 0.89 | 0.98 | 1.00 | 0.99 | 0.90 | 0.86 | 0.77 | 0.77 | 0.83 | 0.83 | 0.85 | 0.83 | 0.84 | 0.77 | | | |
| | 135 | 0.86 | 0.90 | 0.91 | 0.99 | 1.00 | 1.01 | 0.92 | 0.89 | 0.80 | 0.81 | 0.87 | 0.86 | 0.89 | 0.87 | 0.87 | 0.81 | | | |
| | 140 | 0.89 | 0.91 | 0.93 | 1.00 | 1.01 | 1.02 | 0.95 | 0.92 | 0.85 | 0.85 | 0.91 | 0.90 | 0.93 | 0.90 | 0.91 | 0.85 | | | |
| | 145 | 0.92 | 0.93 | 0.96 | 1.02 | 1.02 | 1.03 | 0.98 | 0.95 | 0.89 | 0.89 | 0.94 | 0.93 | 0.96 | 0.94 | 0.93 | 0.88 | | | |
| | 150 | 0.96 | 0.96 | 0.97 | 1.04 | 1.04 | 1.05 | 1.00 | 0.99 | 0.93 | 0.93 | 0.98 | 0.97 | 1.00 | 0.97 | 0.97 | 0.92 | | | |
| | 155 | 0.99 | 0.98 | 0.99 | 1.06 | 1.06 | 1.07 | 1.03 | 1.02 | 0.98 | 0.97 | 1.03 | 1.01 | 1.03 | 1.01 | 1.01 | 0.96 | | | |
| | 160 | 1.03 | 1.02 | 1.04 | 1.08 | 1.07 | 1.09 | 1.05 | 1.05 | 1.01 | 1.02 | 1.06 | 1.05 | 1.07 | 1.04 | 1.05 | 1.00 | | | |
| | 165 | 1.06 | 1.04 | 1.07 | 1.11 | 1.09 | 1.11 | 1.07 | 1.08 | 1.04 | 1.05 | 1.10 | 1.08 | 1.11 | 1.07 | 1.08 | 1.03 | | | |
| | 170 | 1.06 | 1.07 | 1.08 | 1.12 | 1.10 | 1.12 | 1.09 | 1.10 | 1.05 | 1.08 | 1.11 | 1.10 | 1.12 | 1.09 | 1.10 | 1.07 | | | |
| | 175 | 1.06 | 1.12 | 1.10 | 1.13 | 1.11 | 1.13 | 1.10 | 1.12 | 1.08 | 1.10 | 1.13 | 1.12 | 1.14 | 1.11 | 1.12 | 1.09 | | | |
| | 180 | 1.07 | 1.12 | 1.12 | 1.13 | 1.13 | 1.13 | 1.12 | 1.12 | 1.07 | 1.12 | 1.13 | 1.13 | 1.13 | 1.13 | 1.13 | 1.11 | | | |

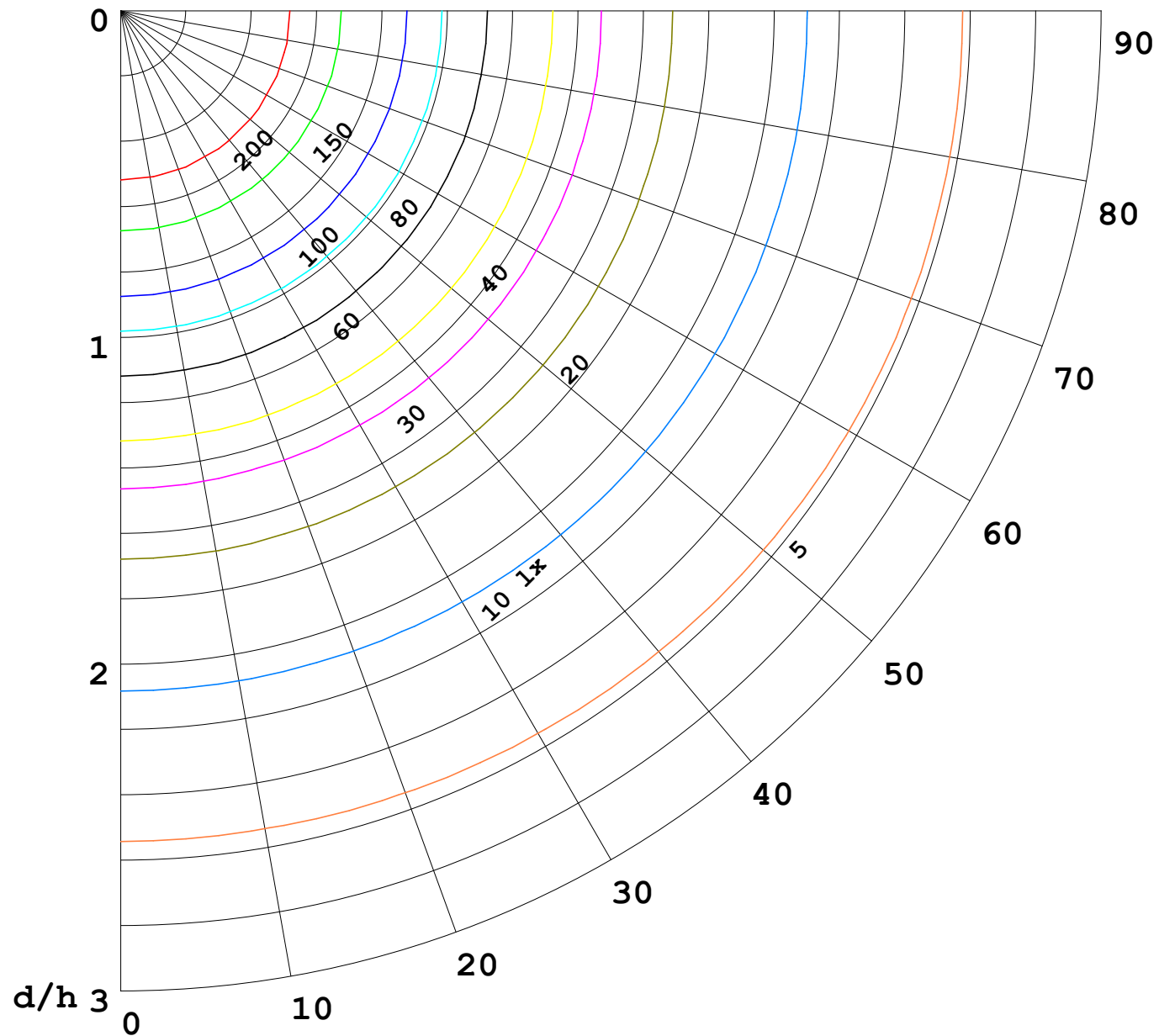
| | |
|------------------|--|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度 |
| C角度间隔: 22.5度 | γ角度间隔: 1.0度 |
| 测试速度: 快速 | 测试系统: 远方 (EVERFINE) GO-2000B_V1 系统 V2.00.488 |
| 环境温度: 25.3℃ | 环境湿度: 65.0% |
| 测试人员: Cloud | 测试距离: 6.360米 [K=1.0000] |
| 测试日期: 2024-11-13 | 备注: GREEN |

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 |

