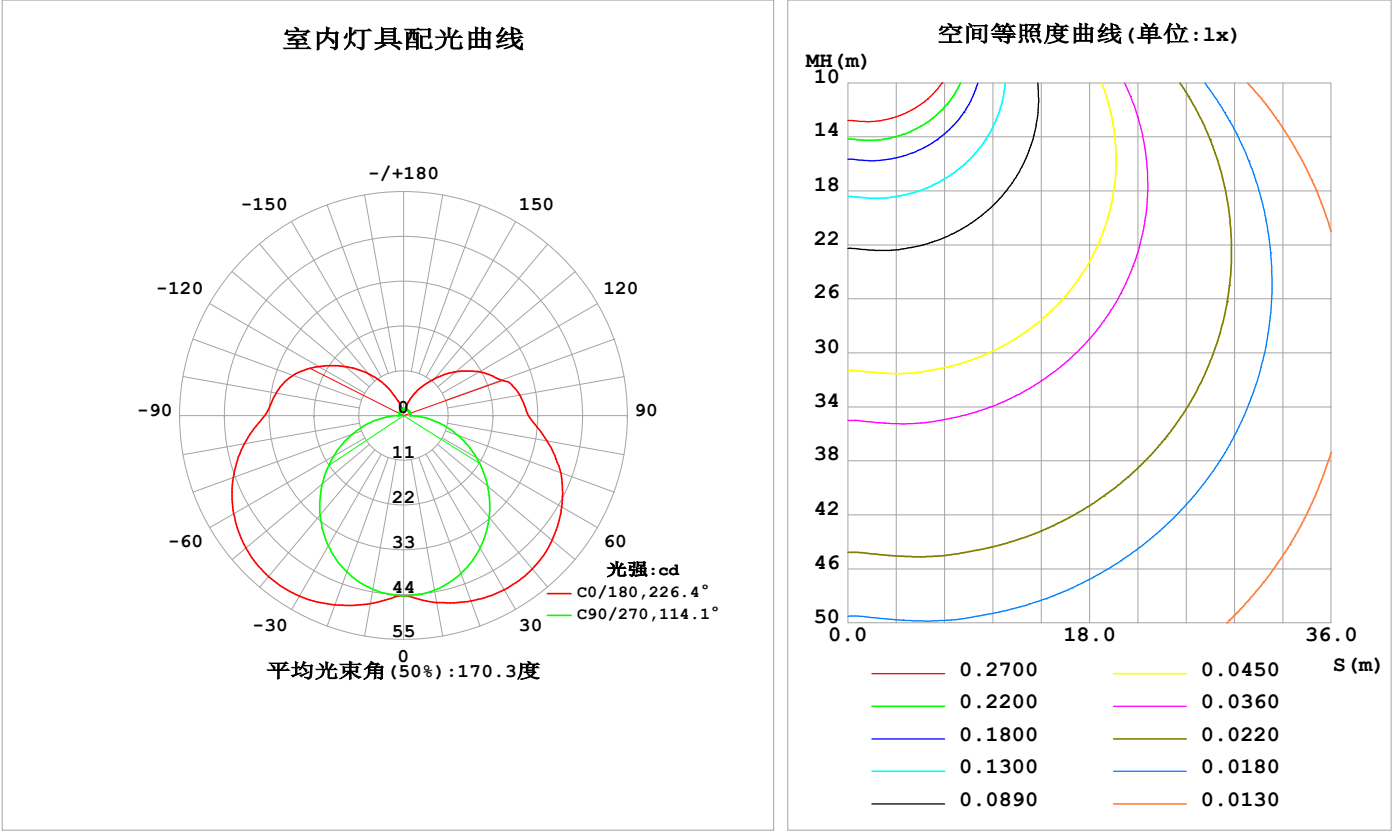


室内灯具光度数据

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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: 60.70 lm/W |
|-----------|---------|----------|--------|-------------------|-----------|----------------|
| 型号 | | 峰值光强(cd) | 51.63 | S/MH(C0/180) | 1.74 | |
| 标称功率(W) | | 灯具效率(%) | 100.0 | S/MH(C90/270) | 1.24 | |
| 额定电源电压(V) | | 总光通量(lm) | 295.29 | η UP,DN(C0-180) | 12.8,37.2 | |
| 额定光通量(lm) | 295.293 | CIE分类 | 半直接 | η UP,DN(C180-360) | 12.8,37.1 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 25.7 | CIBSE SHR NOM | 1.50 | |
| 实测电源电压(V) | | 下射光通比(%) | 74.3 | CIBSE SHR MAX | 1.55 | |



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: 2024-10-15

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 | 46.61 | 45.56 | 43.55 | 45.78 | 46.90 | 45.62 | 43.36 | 45.37 | 0- 10 | 4.291 | 4.291 | 1.45,1.45 |
| 20 | 48.45 | 46.07 | 41.27 | 46.61 | 49.44 | 46.39 | 40.87 | 45.61 | 10- 20 | 12.94 | 17.23 | 5.83,5.83 |
| 30 | 49.39 | 45.41 | 37.59 | 46.39 | 51.20 | 46.02 | 36.99 | 44.72 | 20- 30 | 21.00 | 38.23 | 12.9,12.9 |
| 40 | 49.18 | 43.59 | 32.71 | 45.04 | 51.60 | 44.56 | 31.95 | 42.73 | 30- 40 | 27.62 | 65.85 | 22.3,22.3 |
| 50 | 47.62 | 40.67 | 26.98 | 42.34 | 50.58 | 41.90 | 26.09 | 39.77 | 40- 50 | 32.07 | 97.91 | 33.2,33.2 |
| 60 | 44.85 | 36.67 | 20.68 | 38.55 | 48.20 | 38.25 | 19.81 | 35.86 | 50- 60 | 33.93 | 131.8 | 44.6,44.6 |
| 70 | 41.11 | 31.89 | 14.17 | 33.80 | 44.54 | 33.72 | 13.45 | 31.09 | 60- 70 | 33.15 | 165.0 | 55.9,55.9 |
| 80 | 35.78 | 26.49 | 7.732 | 28.35 | 39.71 | 28.49 | 7.170 | 25.78 | 70- 80 | 29.86 | 194.9 | 66,66 |
| 90 | 30.70 | 21.08 | 1.585 | 22.76 | 34.15 | 23.06 | 1.256 | 20.57 | 80- 90 | 24.61 | 219.5 | 74.3,74.3 |
| 100 | 29.01 | 19.84 | 1.603 | 21.30 | 31.82 | 21.57 | 1.210 | 19.42 | 90-100 | 20.98 | 240.5 | 81.4,81.4 |
| 110 | 25.57 | 16.01 | 1.689 | 18.74 | 28.93 | 18.97 | 1.253 | 13.81 | 100-110 | 18.26 | 258.7 | 87.6,87.6 |
| 120 | 21.55 | 12.98 | 1.692 | 15.19 | 24.16 | 15.31 | 1.323 | 12.04 | 110-120 | 14.34 | 273.1 | 92.5,92.5 |
| 130 | 16.82 | 9.107 | 1.692 | 11.48 | 18.80 | 11.51 | 1.372 | 8.223 | 120-130 | 10.24 | 283.3 | 95.9,95.9 |
| 140 | 11.85 | 5.800 | 1.672 | 7.644 | 13.43 | 7.687 | 1.441 | 5.603 | 130-140 | 6.464 | 289.8 | 98.1,98.1 |
| 150 | 7.513 | 3.429 | 1.658 | 4.299 | 8.087 | 4.290 | 1.487 | 3.237 | 140-150 | 3.410 | 293.2 | 99.3,99.3 |
| 160 | 3.619 | 1.833 | 1.646 | 1.891 | 3.623 | 1.879 | 1.554 | 1.810 | 150-160 | 1.447 | 294.6 | 99.8,99.8 |
| 170 | 1.636 | 1.650 | 1.629 | 1.653 | 1.609 | 1.635 | 1.612 | 1.664 | 160-170 | 0.5176 | 295.1 | 99.9,99.9 |
| 180 | 1.638 | 1.650 | 1.623 | 1.667 | 1.641 | 1.656 | 1.620 | 1.664 | 170-180 | 0.1565 | 295.3 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：81.482 lm

%lum = 27.6%
%lamp = 27.6%

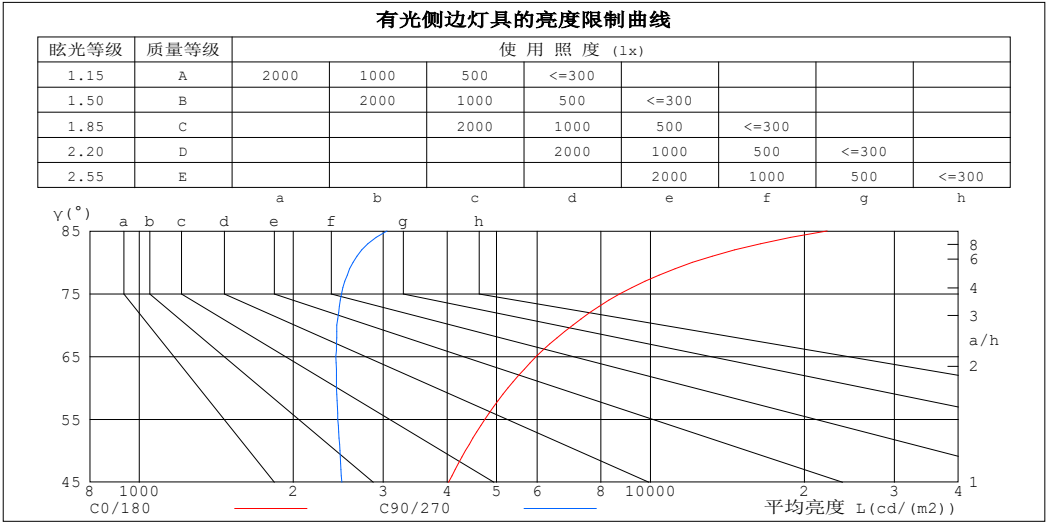
锥面光通量(130度)：148.68 lm

%lum = 50.3%
%lamp = 50.3%

| | |
|---|---|
| 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:2024-10-15 | 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 |
|---|---|

灯具亮度限制曲线

| | | |
|---|----------------|-------|
| 实测参数：U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通：295.293x1 lm | | |
| 灯具名称：SF18-24V-5050-72-RGBW(3000K)-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 | 22157 | 3054 |
| 80 | 12085 | 2618 |
| 75 | 8720 | 2488 |
| 70 | 7050 | 2435 |
| 65 | 5977 | 2424 |
| 60 | 5261 | 2432 |
| 55 | 4742 | 2446 |
| 50 | 4345 | 2468 |
| 45 | 4028 | 2489 |

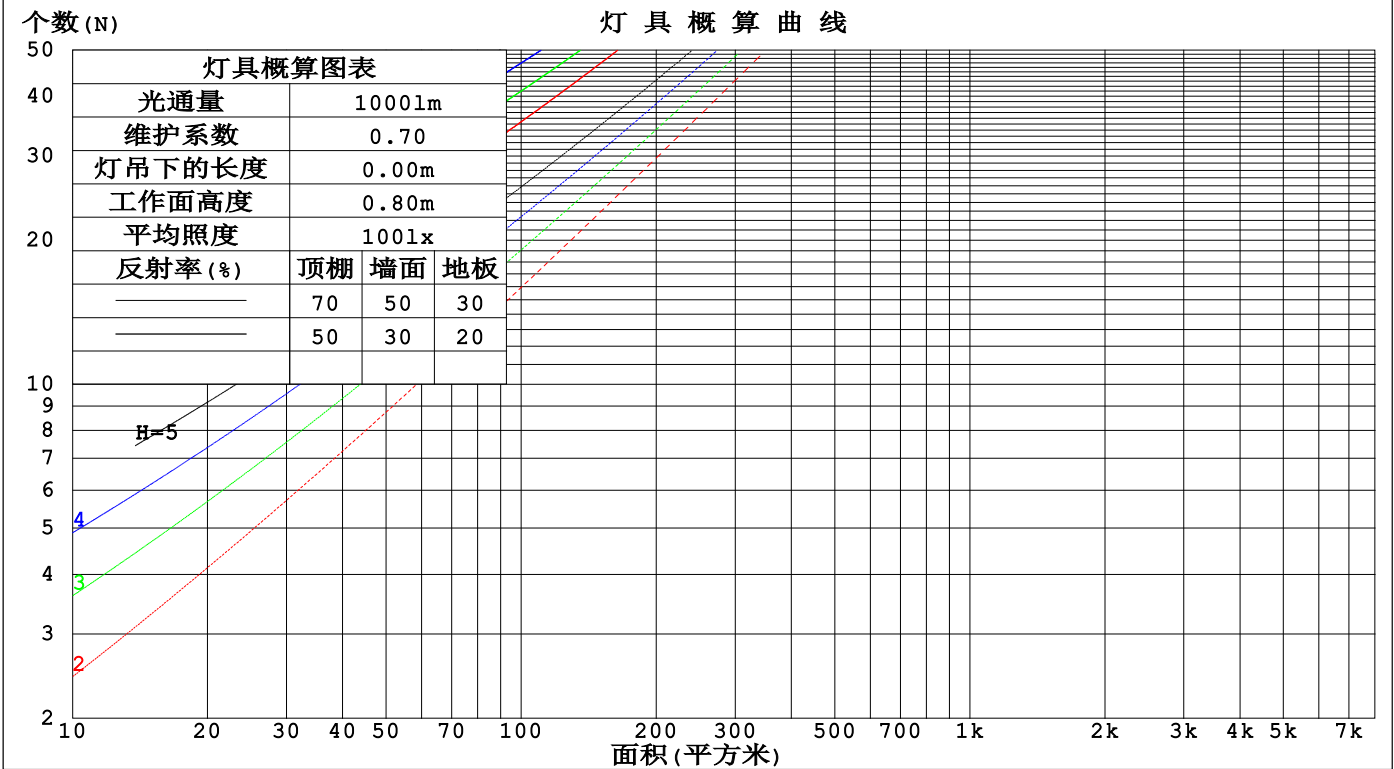
C角度范围： 0度 - 360度
C角度间隔： 22.5度
测试速度： 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-15

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:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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 | 1.13 | 1.13 | 1.13 | 1.07 | 1.07 | 1.07 | .97 | .97 | .97 | .87 | .87 | .87 | .78 | .78 | .78 | .74 |
| 1.0 | .93 | .87 | .82 | .88 | .83 | .79 | .79 | .75 | .71 | .71 | .68 | .65 | .63 | .61 | .58 | .54 |
| 2.0 | .79 | .71 | .64 | .75 | .67 | .61 | .67 | .61 | .56 | .60 | .55 | .51 | .53 | .49 | .46 | .42 |
| 3.0 | .68 | .59 | .51 | .64 | .56 | .49 | .58 | .51 | .45 | .51 | .46 | .41 | .46 | .41 | .37 | .34 |
| 4.0 | .59 | .50 | .43 | .56 | .48 | .41 | .51 | .43 | .37 | .45 | .39 | .34 | .40 | .35 | .31 | .28 |
| 5.0 | .53 | .43 | .36 | .50 | .41 | .34 | .45 | .37 | .32 | .40 | .34 | .29 | .36 | .31 | .26 | .23 |
| 6.0 | .47 | .37 | .31 | .45 | .36 | .29 | .40 | .33 | .27 | .36 | .30 | .25 | .32 | .27 | .23 | .20 |
| 7.0 | .42 | .33 | .27 | .40 | .32 | .26 | .36 | .29 | .24 | .33 | .26 | .22 | .29 | .24 | .20 | .17 |
| 8.0 | .38 | .29 | .23 | .36 | .28 | .22 | .33 | .26 | .21 | .30 | .24 | .19 | .27 | .21 | .18 | .15 |
| 9.0 | .35 | .26 | .21 | .33 | .25 | .20 | .30 | .23 | .18 | .27 | .21 | .17 | .24 | .19 | .16 | .14 |
| 10.0 | .32 | .24 | .18 | .30 | .23 | .18 | .28 | .21 | .17 | .25 | .19 | .15 | .23 | .18 | .14 | .12 |



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: 2024-10-15

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:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | | | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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 | .401 | .228 | .072 | .386 | .220 | .070 | .358 | .205 | .066 | .332 | .191 | .061 | .308 | .178 | .057 | |
| 2.0 | .343 | .188 | .058 | .329 | .181 | .056 | .304 | .169 | .052 | .280 | .157 | .049 | .258 | .146 | .046 | |
| 3.0 | .302 | .161 | .048 | .290 | .155 | .047 | .267 | .145 | .044 | .245 | .134 | .041 | .225 | .125 | .039 | |
| 4.0 | .271 | .141 | .041 | .260 | .136 | .040 | .238 | .126 | .038 | .219 | .117 | .035 | .200 | .109 | .033 | |
| 5.0 | .245 | .125 | .036 | .235 | .121 | .035 | .216 | .112 | .033 | .198 | .104 | .031 | .181 | .097 | .029 | |
| 6.0 | .224 | .112 | .032 | .215 | .109 | .031 | .197 | .101 | .029 | .181 | .094 | .028 | .165 | .087 | .026 | |
| 7.0 | .206 | .102 | .029 | .198 | .099 | .028 | .181 | .092 | .026 | .166 | .085 | .025 | .152 | .079 | .023 | |
| 8.0 | .191 | .093 | .026 | .183 | .090 | .025 | .168 | .084 | .024 | .154 | .078 | .023 | .141 | .072 | .021 | |
| 9.0 | .178 | .086 | .024 | .170 | .083 | .023 | .157 | .077 | .022 | .144 | .072 | .021 | .131 | .067 | .019 | |
| 10.0 | .166 | .080 | .022 | .159 | .077 | .021 | .147 | .072 | .020 | .134 | .067 | .019 | .123 | .062 | .018 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .386 | .386 | .386 | .330 | .330 | .330 | .225 | .225 | .225 | .129 | .129 | .129 | .041 | .041 | .041 | |
| 1.0 | .384 | .353 | .324 | .328 | .303 | .279 | .225 | .208 | .193 | .129 | .120 | .112 | .041 | .039 | .036 | |
| 2.0 | .378 | .330 | .290 | .323 | .284 | .251 | .222 | .197 | .175 | .128 | .114 | .103 | .041 | .037 | .033 | |
| 3.0 | .370 | .314 | .269 | .318 | .271 | .234 | .218 | .188 | .164 | .126 | .110 | .097 | .040 | .036 | .032 | |
| 4.0 | .363 | .302 | .256 | .311 | .261 | .222 | .214 | .182 | .156 | .124 | .107 | .093 | .040 | .035 | .030 | |
| 5.0 | .355 | .292 | .246 | .305 | .253 | .214 | .210 | .177 | .151 | .122 | .104 | .090 | .039 | .034 | .030 | |
| 6.0 | .348 | .285 | .239 | .299 | .247 | .209 | .206 | .173 | .148 | .120 | .102 | .088 | .039 | .033 | .029 | |
| 7.0 | .341 | .278 | .234 | .293 | .241 | .204 | .202 | .169 | .145 | .118 | .100 | .086 | .038 | .033 | .029 | |
| 8.0 | .334 | .273 | .231 | .287 | .237 | .201 | .199 | .166 | .143 | .116 | .098 | .085 | .037 | .032 | .028 | |
| 9.0 | .328 | .268 | .228 | .282 | .233 | .199 | .196 | .164 | .141 | .114 | .097 | .084 | .037 | .032 | .028 | |
| 10.0 | .322 | .264 | .226 | .277 | .229 | .197 | .192 | .161 | .140 | .112 | .095 | .083 | .036 | .031 | .028 | |

| | |
|--|---|
| 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: 2024-10-15 | 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 |
|--|---|

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | |
|---|----------------------|------|------|------|-----------------|--------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | | | | | | | | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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 | 21.5 | 22.8 | 22.1 | 23.5 | 24.2 | 18.6 | 20.0 | 19.2 | 20.6 | 21.3 |
| 3H | 24.4 | 25.6 | 25.1 | 26.3 | 27.0 | 20.4 | 21.6 | 21.0 | 22.2 | 23.0 |
| 4H | 26.0 | 27.1 | 26.6 | 27.8 | 28.6 | 21.2 | 22.3 | 21.8 | 23.0 | 23.8 |
| 6H | 27.7 | 28.8 | 28.4 | 29.5 | 30.3 | 21.8 | 22.9 | 22.5 | 23.6 | 24.4 |
| 8H | 28.6 | 29.7 | 29.3 | 30.4 | 31.2 | 22.1 | 23.2 | 22.8 | 23.9 | 24.7 |
| 12H | 29.7 | 30.7 | 30.4 | 31.4 | 32.2 | 22.4 | 23.4 | 23.0 | 24.1 | 24.9 |
| 4H 2H | 22.1 | 23.3 | 22.8 | 23.9 | 24.7 | 20.1 | 21.3 | 20.8 | 21.9 | 22.7 |
| 3H | 25.2 | 26.2 | 25.9 | 26.9 | 27.8 | 22.1 | 23.2 | 22.8 | 23.9 | 24.7 |
| 4H | 27.0 | 27.9 | 27.7 | 28.6 | 29.5 | 23.1 | 24.0 | 23.8 | 24.8 | 25.6 |
| 6H | 28.9 | 29.8 | 29.7 | 30.5 | 31.4 | 24.0 | 24.8 | 24.7 | 25.6 | 26.5 |
| 8H | 30.0 | 30.8 | 30.7 | 31.5 | 32.4 | 24.4 | 25.1 | 25.1 | 25.9 | 26.8 |
| 12H | 31.2 | 31.9 | 31.9 | 32.7 | 33.6 | 24.7 | 25.4 | 25.5 | 26.2 | 27.1 |
| 8H 4H | 27.4 | 28.1 | 28.1 | 28.9 | 29.8 | 24.4 | 25.2 | 25.1 | 25.9 | 26.8 |
| 6H | 29.6 | 30.2 | 30.4 | 31.0 | 32.0 | 25.7 | 26.3 | 26.4 | 27.1 | 28.1 |
| 8H | 30.9 | 31.5 | 31.7 | 32.3 | 33.2 | 26.3 | 26.9 | 27.1 | 27.7 | 28.6 |
| 12H | 32.3 | 32.9 | 33.1 | 33.7 | 34.6 | 26.8 | 27.3 | 27.6 | 28.1 | 29.1 |
| 12H 4H | 27.4 | 28.1 | 28.1 | 28.9 | 29.8 | 24.8 | 25.5 | 25.5 | 26.3 | 27.2 |
| 6H | 29.7 | 30.3 | 30.5 | 31.1 | 32.1 | 26.3 | 26.9 | 27.1 | 27.7 | 28.7 |
| 8H | 31.1 | 31.6 | 31.9 | 32.4 | 33.4 | 27.1 | 27.6 | 27.9 | 28.4 | 29.4 |
| 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 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.5 | | | | |

依据CIE Pub.117计算, 295.31m光源光通表格中的数据需要进行修正(81log(F/F0) = -4.2).
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:2024-10-15 | 备注: WHITE |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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: |

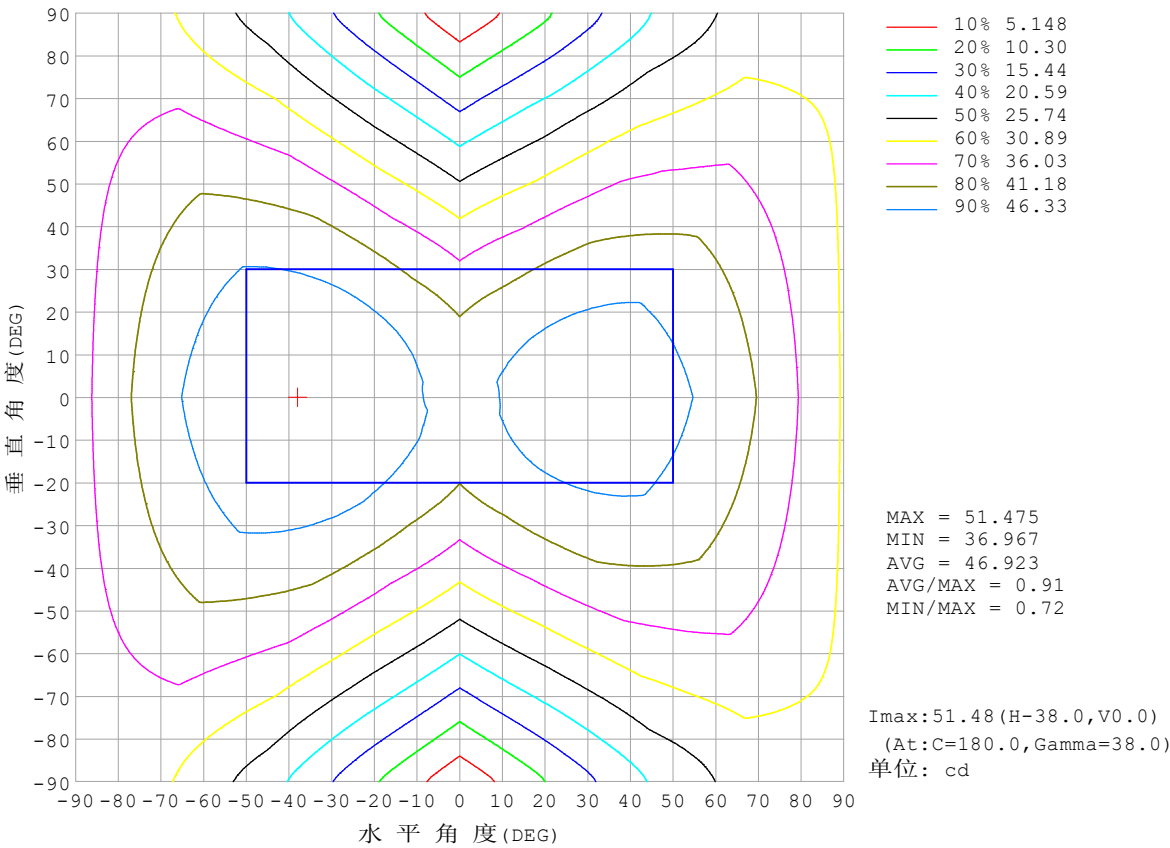
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 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 | 44 | 31 | 24 | 42 | 31 | 23 | 40 | 29 | 23 | 16 |
| 0.80 | 53 | 39 | 31 | 51 | 38 | 30 | 48 | 37 | 29 | 21 |
| 1.00 | 60 | 47 | 38 | 58 | 46 | 37 | 54 | 46 | 36 | 26 |
| 1.25 | 67 | 54 | 45 | 65 | 52 | 44 | 60 | 49 | 42 | 31 |
| 1.50 | 73 | 60 | 50 | 69 | 58 | 49 | 64 | 54 | 47 | 35 |
| 2.00 | 80 | 68 | 59 | 76 | 66 | 58 | 70 | 61 | 54 | 41 |
| 2.50 | 85 | 74 | 65 | 81 | 71 | 63 | 74 | 65 | 59 | 45 |
| 3.00 | 89 | 79 | 71 | 84 | 75 | 68 | 77 | 69 | 63 | 48 |
| 4.00 | 94 | 85 | 78 | 89 | 81 | 75 | 81 | 75 | 69 | 53 |
| 5.00 | 97 | 89 | 83 | 92 | 85 | 80 | 83 | 78 | 73 | 56 |
| 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:2024-10-15

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:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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: |

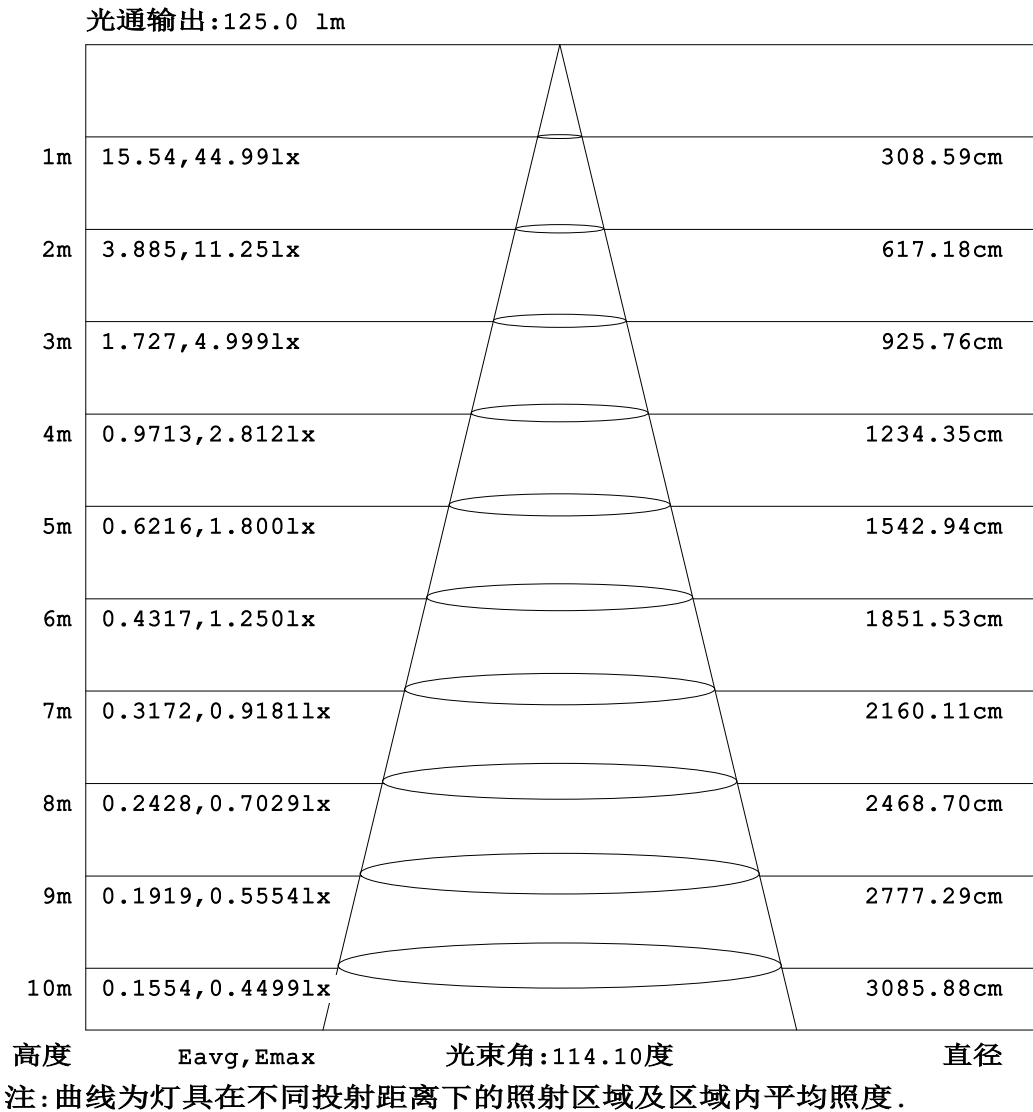


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度: 25.3℃
测试人员: Cloud
测试日期: 2024-10-15

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:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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: |

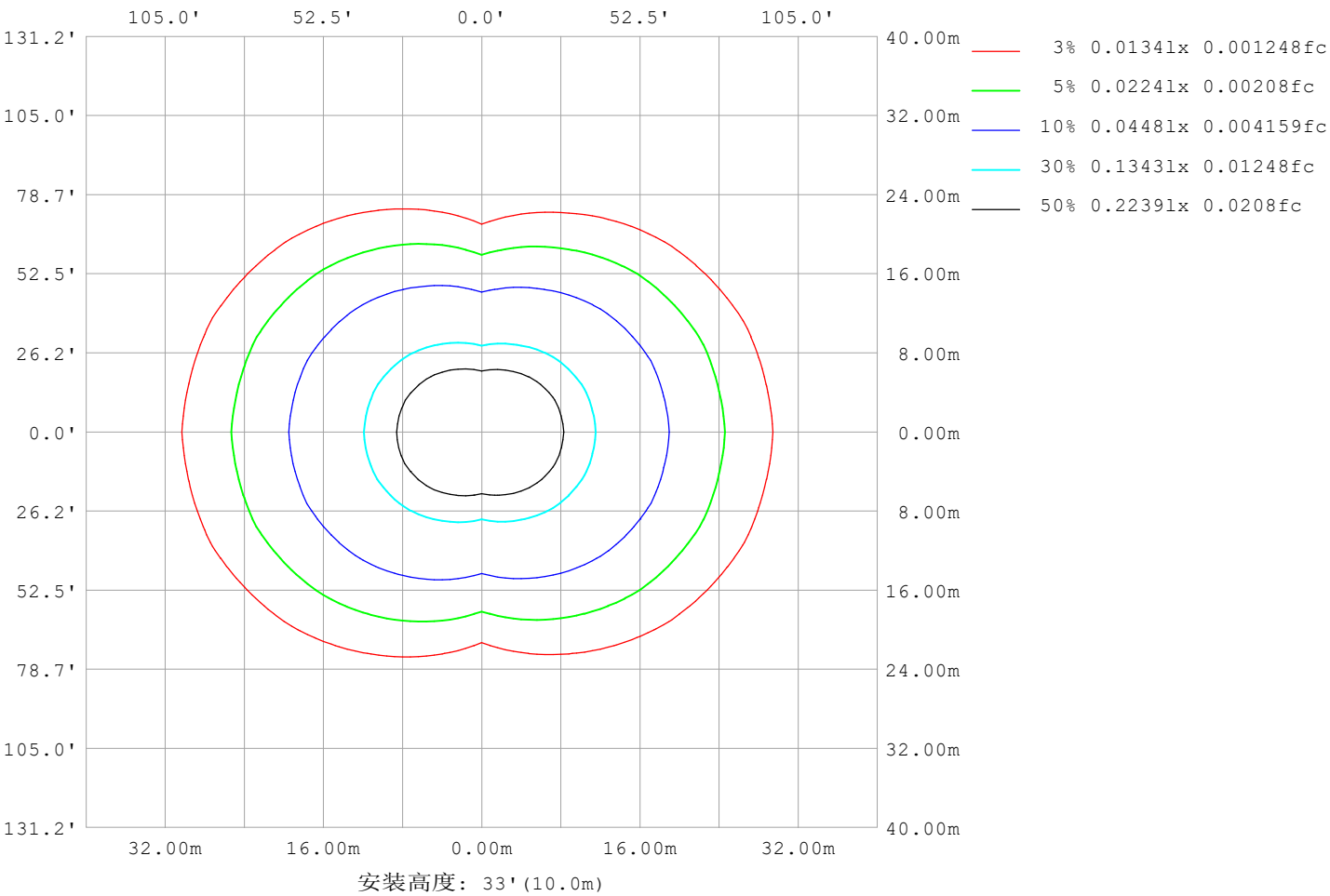


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-15

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:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW (3000K) -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: 2024-10-15

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: WHITE

LED筒灯平均亮度报告

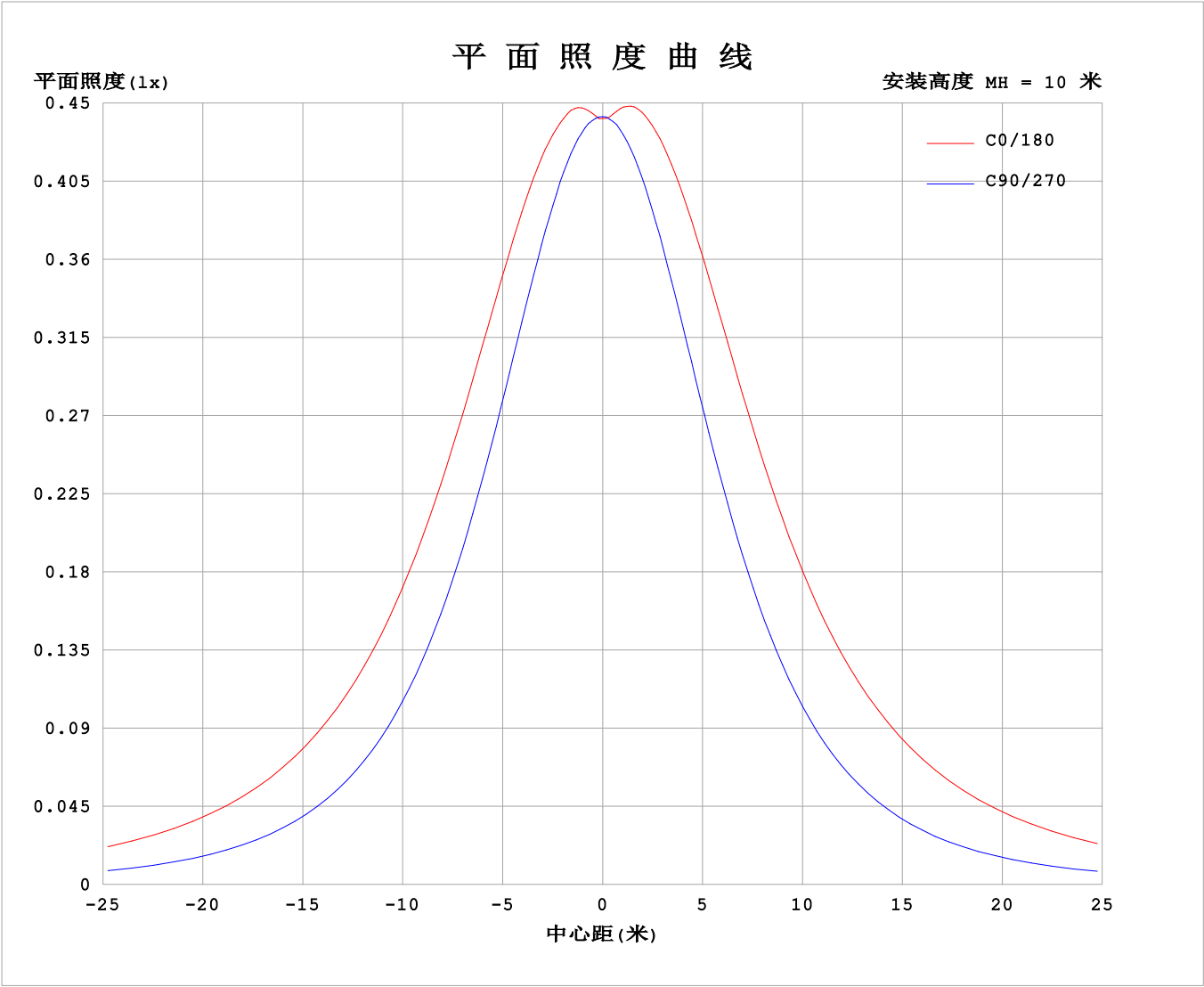
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-80 | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 6235 |
| L横 (75) av | 9175 |
| L横 (85) av | 23547 |
| L纵 (65) av | 2370 |
| L纵 (75) av | 2416 |
| L纵 (85) av | 2891 |
| L45 (65) av | 4885 |
| L45 (75) av | 6823 |
| L45 (85) av | 16457 |

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:2024-10-15 | 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: 2024-10-15

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

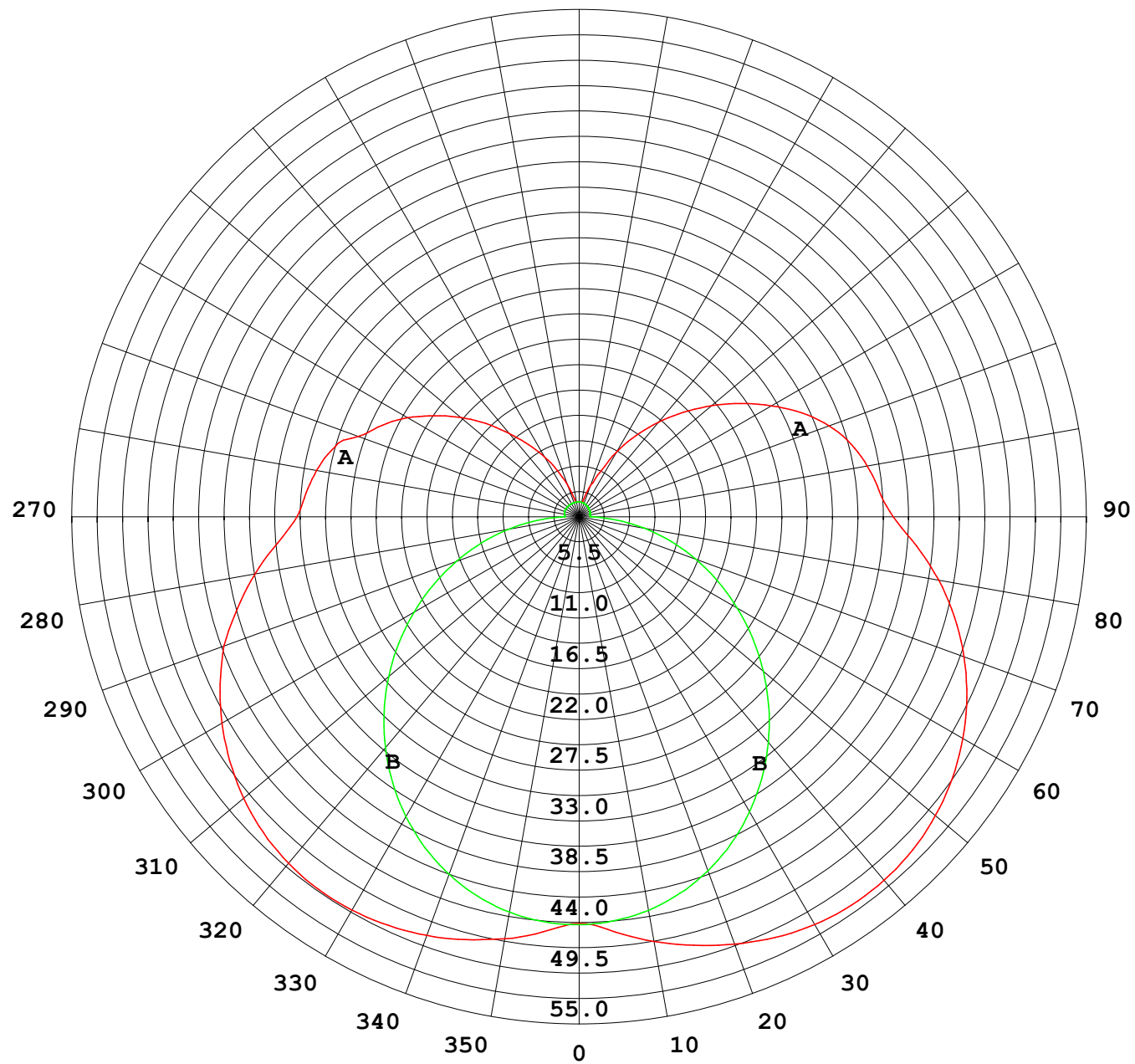
光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.2027A P:4.865W PF:1.000 Freq:0Hz 实检光通: 295.293x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称: SF18-24V-5050-72-RGBW(3000K)-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 | | | | | | | | | | | | | | | | | |
| C (DEG) γ (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 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | |
| 5 | 45.3 | 45.2 | 44.8 | 44.3 | 44.1 | 44.3 | 44.8 | 45.3 | 45.3 | 45.2 | 44.8 | 44.3 | 44.0 | 44.2 | 44.7 | 45.1 | |
| 10 | 46.6 | 46.4 | 45.6 | 44.3 | 43.6 | 44.4 | 45.8 | 46.7 | 46.9 | 46.6 | 45.6 | 44.3 | 43.4 | 44.1 | 45.4 | 46.3 | |
| 15 | 47.6 | 47.2 | 46.0 | 44.1 | 42.6 | 44.2 | 46.4 | 47.8 | 48.2 | 47.7 | 46.2 | 44.0 | 42.3 | 43.7 | 45.6 | 47.0 | |
| 20 | 48.4 | 47.9 | 46.1 | 43.5 | 41.3 | 43.7 | 46.6 | 48.8 | 49.4 | 48.6 | 46.4 | 43.4 | 40.9 | 43.0 | 45.6 | 47.6 | |
| 25 | 49.0 | 48.3 | 45.9 | 42.5 | 39.6 | 42.9 | 46.7 | 49.5 | 50.5 | 49.3 | 46.3 | 42.5 | 39.1 | 41.9 | 45.3 | 48.0 | |
| 30 | 49.4 | 48.4 | 45.4 | 41.2 | 37.6 | 41.6 | 46.4 | 50.0 | 51.2 | 49.7 | 46.0 | 41.1 | 37.0 | 40.4 | 44.7 | 48.0 | |
| 35 | 49.5 | 48.2 | 44.6 | 39.6 | 35.3 | 40.1 | 45.9 | 50.1 | 51.6 | 49.9 | 45.5 | 39.5 | 34.6 | 38.7 | 43.9 | 47.9 | |
| 40 | 49.2 | 47.8 | 43.6 | 37.8 | 32.7 | 38.3 | 45.0 | 49.9 | 51.6 | 49.7 | 44.6 | 37.7 | 31.9 | 36.7 | 42.7 | 47.4 | |
| 45 | 48.6 | 47.0 | 42.3 | 35.7 | 29.9 | 36.3 | 43.8 | 49.3 | 51.3 | 49.1 | 43.4 | 35.6 | 29.1 | 34.6 | 41.4 | 46.5 | |
| 50 | 47.6 | 45.8 | 40.7 | 33.4 | 27.0 | 34.1 | 42.3 | 48.4 | 50.6 | 48.2 | 41.9 | 33.5 | 26.1 | 32.2 | 39.8 | 45.4 | |
| 55 | 46.4 | 44.4 | 38.8 | 31.0 | 23.9 | 31.7 | 40.6 | 47.1 | 49.6 | 47.0 | 40.2 | 31.1 | 23.0 | 29.8 | 37.9 | 44.0 | |
| 60 | 44.9 | 42.7 | 36.7 | 28.4 | 20.7 | 29.2 | 38.6 | 45.5 | 48.2 | 45.4 | 38.2 | 28.6 | 19.8 | 27.2 | 35.9 | 42.4 | |
| 65 | 43.1 | 40.8 | 34.4 | 25.7 | 17.4 | 26.5 | 36.3 | 43.6 | 46.5 | 43.7 | 36.1 | 26.0 | 16.6 | 24.6 | 33.6 | 40.5 | |
| 70 | 41.1 | 38.7 | 31.9 | 22.8 | 14.2 | 23.7 | 33.8 | 41.5 | 44.5 | 41.6 | 33.7 | 23.2 | 13.5 | 21.9 | 31.1 | 38.2 | |
| 75 | 38.5 | 36.2 | 29.3 | 19.9 | 11.0 | 20.8 | 31.1 | 39.1 | 42.3 | 39.2 | 31.2 | 20.4 | 10.3 | 18.9 | 28.5 | 35.8 | |
| 80 | 35.8 | 33.4 | 26.5 | 16.9 | 7.73 | 17.7 | 28.3 | 36.4 | 39.7 | 36.7 | 28.5 | 17.5 | 7.17 | 16.0 | 25.8 | 33.1 | |
| 85 | 32.9 | 30.5 | 23.6 | 14.0 | 4.53 | 14.7 | 25.4 | 33.5 | 36.9 | 33.8 | 25.6 | 14.6 | 4.04 | 13.0 | 22.9 | 30.3 | |
| 90 | 30.7 | 28.2 | 21.1 | 11.4 | 1.58 | 12.0 | 22.8 | 30.9 | 34.1 | 31.2 | 23.1 | 12.0 | 1.26 | 10.6 | 20.6 | 28.0 | |
| 95 | 29.8 | 27.3 | 20.4 | 11.1 | 1.55 | 11.5 | 21.9 | 29.6 | 32.8 | 30.0 | 22.2 | 11.6 | 1.21 | 10.4 | 20.0 | 27.2 | |
| 100 | 29.0 | 26.6 | 19.8 | 9.37 | 1.60 | 10.9 | 21.3 | 28.8 | 31.8 | 29.2 | 21.6 | 11.0 | 1.21 | 5.60 | 19.4 | 26.5 | |
| 105 | 27.9 | 25.3 | 17.5 | 7.95 | 1.67 | 9.92 | 20.3 | 27.7 | 30.6 | 28.0 | 20.5 | 9.91 | 1.22 | 6.29 | 17.6 | 25.2 | |
| 110 | 25.6 | 22.8 | 16.0 | 7.15 | 1.69 | 8.86 | 18.7 | 26.1 | 28.9 | 26.3 | 19.0 | 8.79 | 1.25 | 5.98 | 13.8 | 23.1 | |
| 115 | 23.6 | 21.1 | 14.4 | 6.42 | 1.69 | 7.76 | 17.0 | 23.9 | 26.7 | 24.2 | 17.2 | 7.67 | 1.29 | 5.76 | 12.8 | 20.1 | |
| 120 | 21.5 | 19.2 | 13.0 | 5.32 | 1.69 | 6.65 | 15.2 | 21.6 | 24.2 | 21.7 | 15.3 | 6.53 | 1.32 | 5.16 | 12.0 | 16.9 | |
| 125 | 19.2 | 17.1 | 11.2 | 4.62 | 1.69 | 5.41 | 13.4 | 19.2 | 21.5 | 19.3 | 13.4 | 5.28 | 1.35 | 4.20 | 10.0 | 15.5 | |
| 130 | 16.8 | 15.0 | 9.11 | 3.82 | 1.69 | 4.37 | 11.5 | 16.7 | 18.8 | 16.8 | 11.5 | 4.23 | 1.37 | 3.40 | 8.22 | 13.9 | |
| 135 | 14.4 | 12.9 | 7.38 | 3.10 | 1.68 | 3.45 | 9.60 | 14.2 | 16.1 | 14.3 | 9.64 | 3.34 | 1.41 | 2.72 | 6.95 | 11.6 | |
| 140 | 11.9 | 10.7 | 5.80 | 2.43 | 1.67 | 2.65 | 7.64 | 11.8 | 13.4 | 11.8 | 7.69 | 2.54 | 1.44 | 2.20 | 5.60 | 9.66 | |
| 145 | 9.57 | 7.66 | 4.50 | 1.94 | 1.66 | 1.96 | 5.86 | 9.39 | 10.8 | 9.43 | 5.83 | 1.90 | 1.47 | 1.79 | 4.32 | 7.33 | |
| 150 | 7.51 | 5.48 | 3.43 | 1.65 | 1.66 | 1.64 | 4.30 | 6.91 | 8.09 | 6.92 | 4.29 | 1.53 | 1.49 | 1.55 | 3.24 | 5.51 | |
| 155 | 5.47 | 3.81 | 2.48 | 1.64 | 1.65 | 1.63 | 2.97 | 4.87 | 5.32 | 4.88 | 2.97 | 1.51 | 1.52 | 1.54 | 2.41 | 3.81 | |
| 160 | 3.62 | 2.55 | 1.83 | 1.64 | 1.65 | 1.63 | 1.89 | 3.13 | 3.62 | 3.16 | 1.88 | 1.54 | 1.55 | 1.56 | 1.81 | 2.59 | |
| 165 | 2.08 | 1.71 | 1.65 | 1.63 | 1.64 | 1.63 | 1.66 | 1.78 | 2.07 | 1.80 | 1.61 | 1.56 | 1.59 | 1.59 | 1.66 | 1.80 | |
| 170 | 1.64 | 1.64 | 1.65 | 1.63 | 1.63 | 1.63 | 1.65 | 1.66 | 1.61 | 1.62 | 1.64 | 1.59 | 1.61 | 1.61 | 1.66 | 1.68 | |
| 175 | 1.64 | 1.66 | 1.65 | 1.63 | 1.62 | 1.63 | 1.65 | 1.68 | 1.64 | 1.63 | 1.65 | 1.61 | 1.62 | 1.63 | 1.66 | 1.68 | |
| 180 | 1.64 | 1.66 | 1.65 | 1.63 | 1.62 | 1.63 | 1.67 | 1.69 | 1.64 | 1.66 | 1.66 | 1.62 | 1.62 | 1.64 | 1.66 | 1.68 | |

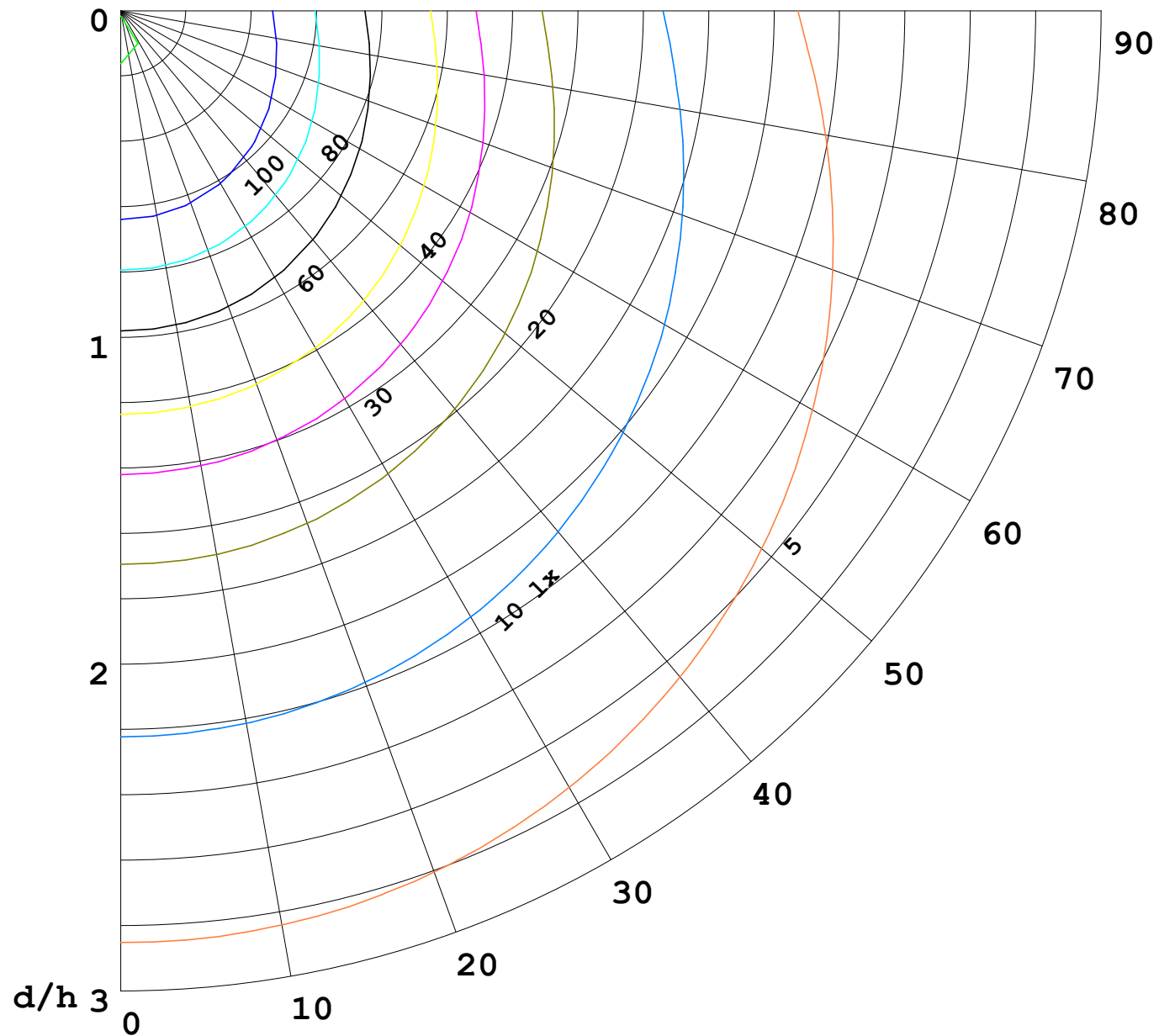
| | |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度 |
| C角度间隔: 22.5度 | γ角度间隔: 1.0度 |
| 测试速度: 快速 | 测试系统: 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488 |
| 环境温度: 25.3℃ | 环境湿度: 65.0% |
| 测试人员: Cloud | 测试距离: 6.360米 [K=1.0000] |
| 测试日期: 2024-10-15 | 备注: WHITE |

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 |

