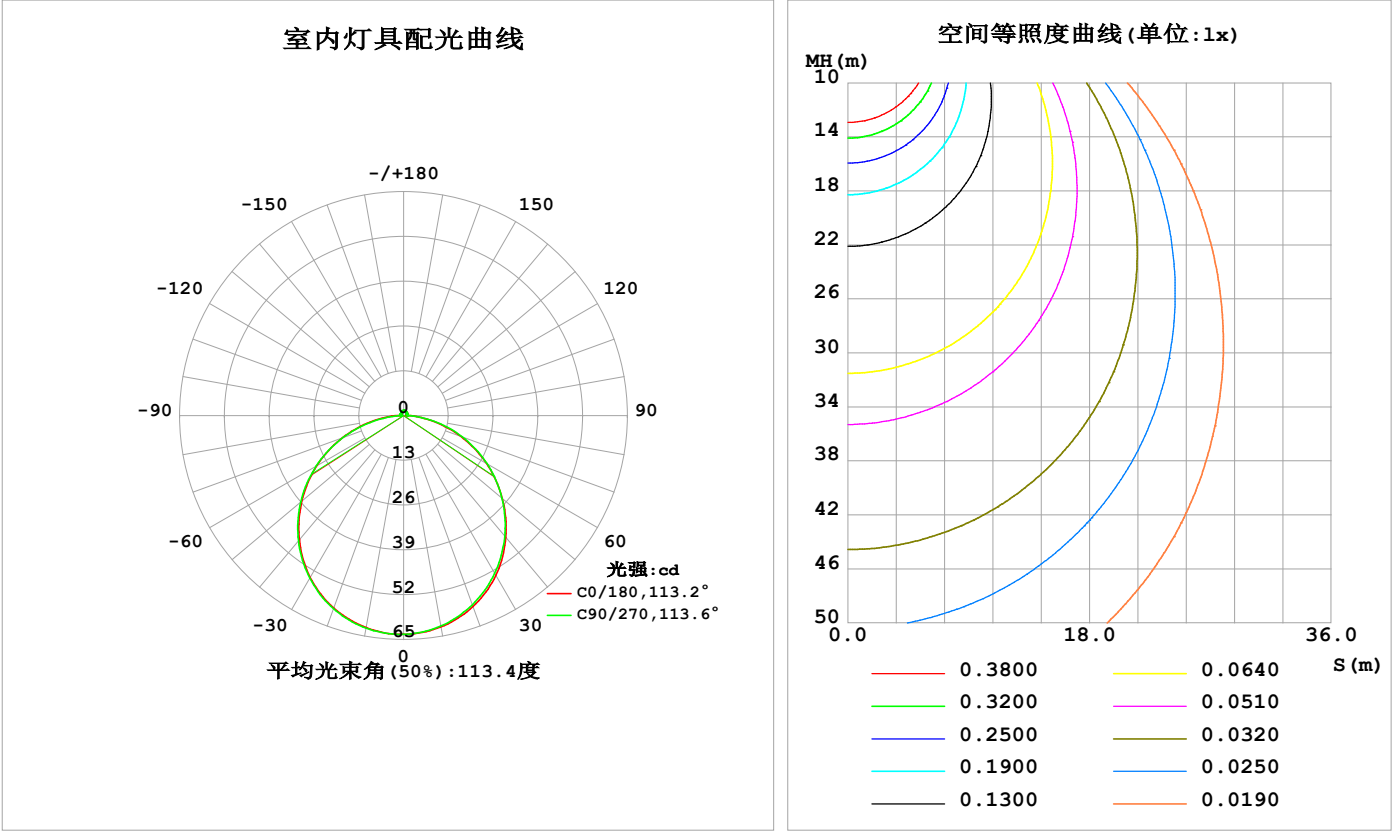


室内灯具光度数据

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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: 26.42 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号 | | 峰值光强(cd) | 63.53 | S/MH(C0/180) | 1.27 | |
| 标称功率(W) | | 灯具效率(%) | 100.0 | S/MH(C90/270) | 1.28 | |
| 额定电源电压(V) | | 总光通量(lm) | 192.73 | η UP,DN(C0-180) | 1.9,47.6 | |
| 额定光通量(lm) | 192.732 | CIE分类 | 直接 | η UP,DN(C180-360) | 1.8,48.8 | |
| 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: 2024-10-19

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 | 62.31 | 62.13 | 62.04 | 62.20 | 62.51 | 62.65 | 62.69 | 62.60 | 0- 10 | 6.009 | 6.009 | 3.12,3.12 |
| 20 | 58.98 | 58.66 | 58.42 | 58.77 | 59.44 | 59.67 | 59.68 | 59.57 | 10- 20 | 17.22 | 23.23 | 12.1,12.1 |
| 30 | 53.59 | 53.25 | 52.89 | 53.47 | 54.29 | 54.65 | 54.49 | 54.38 | 20- 30 | 26.16 | 49.39 | 25.6,25.6 |
| 40 | 46.15 | 46.07 | 45.71 | 46.40 | 47.09 | 47.69 | 47.52 | 47.35 | 30- 40 | 31.60 | 80.99 | 42,42 |
| 50 | 37.42 | 37.38 | 37.31 | 37.82 | 38.56 | 39.10 | 38.99 | 38.64 | 40- 50 | 32.86 | 113.9 | 59.1,59.1 |
| 60 | 27.80 | 27.90 | 28.01 | 28.32 | 29.06 | 29.38 | 29.30 | 28.85 | 50- 60 | 29.93 | 143.8 | 74.6,74.6 |
| 70 | 17.64 | 17.91 | 18.16 | 18.34 | 18.95 | 18.94 | 18.72 | 18.36 | 60- 70 | 23.29 | 167.1 | 86.7,86.7 |
| 80 | 7.803 | 8.095 | 8.214 | 8.449 | 8.930 | 8.511 | 7.987 | 7.967 | 70- 80 | 13.97 | 181.0 | 93.9,93.9 |
| 90 | 1.546 | 1.536 | 1.107 | 1.808 | 2.176 | 1.680 | 0.8346 | 1.308 | 80- 90 | 4.700 | 185.7 | 96.4,96.4 |
| 100 | 0.8650 | 0.9699 | 1.097 | 1.034 | 0.8964 | 0.8862 | 0.9154 | 0.8402 | 90-100 | 1.151 | 186.9 | 97,97 |
| 110 | 0.9225 | 1.022 | 0.9644 | 1.039 | 0.8622 | 0.9325 | 1.066 | 0.9182 | 100-110 | 0.9976 | 187.9 | 97.5,97.5 |
| 120 | 1.026 | 1.080 | 1.057 | 1.109 | 0.9458 | 1.005 | 1.109 | 1.005 | 110-120 | 0.9948 | 188.9 | 98,98 |
| 130 | 1.127 | 1.140 | 1.143 | 1.189 | 1.038 | 1.088 | 1.158 | 1.097 | 120-130 | 0.9700 | 189.9 | 98.5,98.5 |
| 140 | 1.219 | 1.212 | 1.239 | 1.273 | 1.151 | 1.186 | 1.216 | 1.193 | 130-140 | 0.9035 | 190.8 | 99,99 |
| 150 | 1.309 | 1.299 | 1.343 | 1.363 | 1.263 | 1.293 | 1.294 | 1.299 | 140-150 | 0.7904 | 191.5 | 99.4,99.4 |
| 160 | 1.410 | 1.403 | 1.446 | 1.452 | 1.378 | 1.406 | 1.406 | 1.406 | 150-160 | 0.6293 | 192.2 | 99.7,99.7 |
| 170 | 1.482 | 1.489 | 1.519 | 1.524 | 1.488 | 1.495 | 1.510 | 1.504 | 160-170 | 0.4128 | 192.6 | 99.9,99.9 |
| 180 | 1.514 | 1.533 | 1.551 | 1.550 | 1.511 | 1.530 | 1.551 | 1.556 | 170-180 | 0.1450 | 192.7 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：97.535 lm

%lum = 50.6%
%lamp = 50.6%

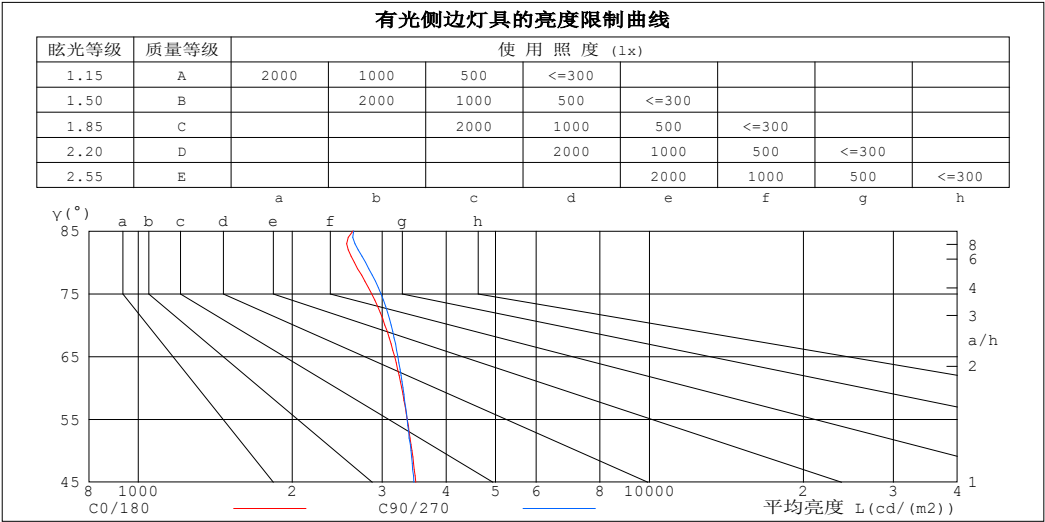
锥面光通量(130度)：156.46 lm

%lum = 81.2%
%lamp = 81.2%

| | |
|---|---|
| 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:2024-10-19 | 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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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 | 2631 | 2638 |
| 80 | 2646 | 2781 |
| 75 | 2859 | 2981 |
| 70 | 3036 | 3122 |
| 65 | 3173 | 3218 |
| 60 | 3274 | 3294 |
| 55 | 3358 | 3355 |
| 50 | 3428 | 3413 |
| 45 | 3492 | 3460 |

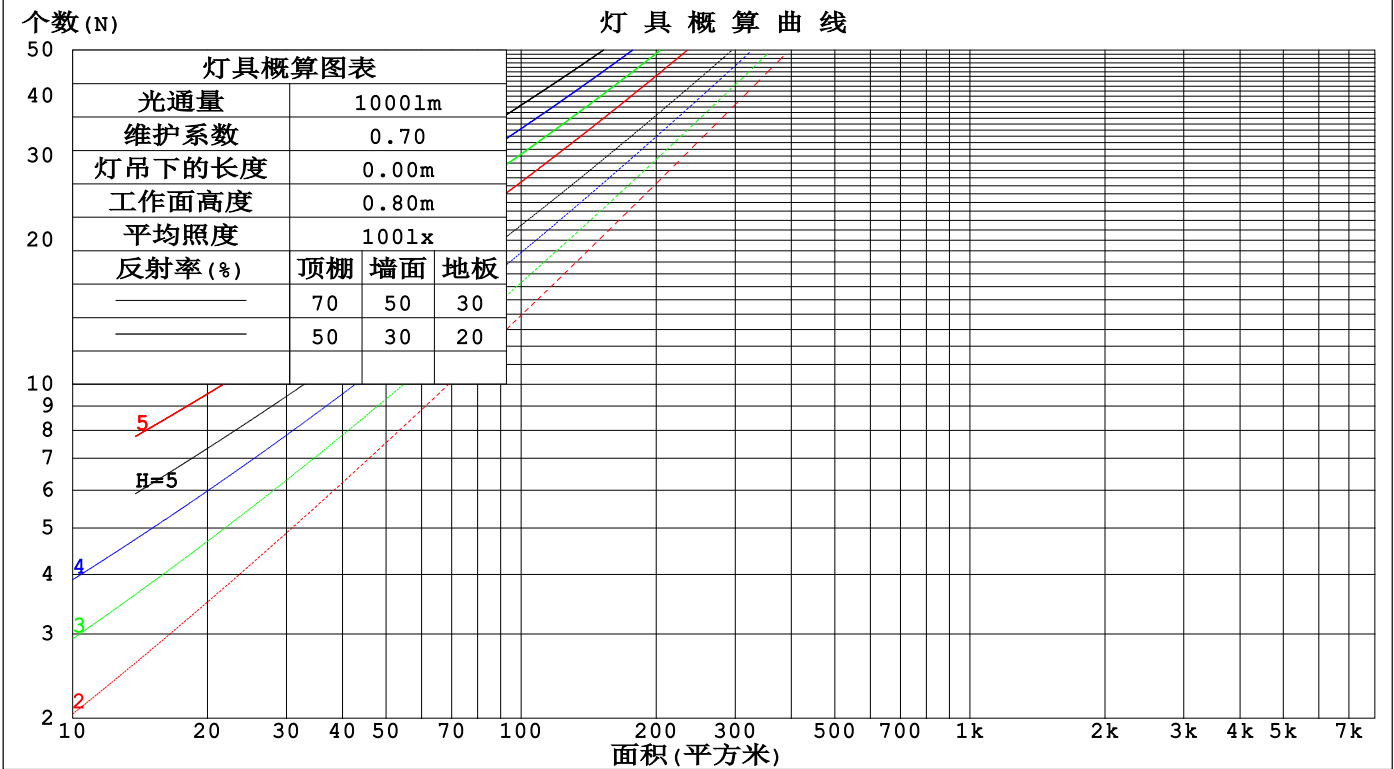
C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-19

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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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 | 1.03 | .98 | .94 | .00 | .96 | .92 | .95 | .92 | .89 | .90 | .88 | .85 | .86 | .84 | .82 | .80 |
| 2.0 | .89 | .82 | .76 | .87 | .81 | .75 | .83 | .77 | .73 | .79 | .75 | .71 | .75 | .72 | .69 | .66 |
| 3.0 | .78 | .70 | .63 | .76 | .69 | .62 | .73 | .66 | .61 | .69 | .64 | .59 | .66 | .62 | .58 | .55 |
| 4.0 | .69 | .60 | .53 | .67 | .59 | .53 | .65 | .57 | .52 | .62 | .56 | .51 | .59 | .54 | .50 | .47 |
| 5.0 | .62 | .53 | .46 | .60 | .52 | .45 | .58 | .50 | .45 | .55 | .49 | .44 | .53 | .47 | .43 | .41 |
| 6.0 | .55 | .46 | .40 | .54 | .46 | .40 | .52 | .45 | .39 | .50 | .43 | .38 | .48 | .42 | .38 | .36 |
| 7.0 | .50 | .41 | .35 | .49 | .41 | .35 | .47 | .40 | .34 | .46 | .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 | .35 | .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: 2024-10-19

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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | | | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | | | 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 | .318 | .181 | .057 | .309 | .176 | .056 | .294 | .169 | .054 | .280 | .161 | .052 | .267 | .155 | .050 | |
| 2.0 | .296 | .162 | .050 | .289 | .159 | .049 | .275 | .153 | .047 | .262 | .147 | .046 | .251 | .142 | .045 | |
| 3.0 | .272 | .145 | .043 | .266 | .142 | .043 | .254 | .138 | .042 | .243 | .133 | .041 | .232 | .128 | .040 | |
| 4.0 | .251 | .130 | .038 | .245 | .128 | .038 | .234 | .124 | .037 | .224 | .120 | .036 | .215 | .117 | .036 | |
| 5.0 | .231 | .118 | .034 | .226 | .116 | .034 | .216 | .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 | .098 | .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 | .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 | .218 | .218 | .218 | .186 | .186 | .186 | .127 | .127 | .127 | .073 | .073 | .073 | .023 | .023 | .023 | |
| 1.0 | .209 | .184 | .162 | .179 | .158 | .139 | .122 | .109 | .096 | .070 | .063 | .056 | .023 | .020 | .018 | |
| 2.0 | .201 | .160 | .126 | .172 | .138 | .109 | .118 | .095 | .076 | .068 | .055 | .044 | .022 | .018 | .014 | |
| 3.0 | .193 | .143 | .102 | .166 | .123 | .089 | .114 | .085 | .062 | .066 | .050 | .037 | .021 | .016 | .012 | |
| 4.0 | .186 | .129 | .086 | .159 | .112 | .075 | .109 | .078 | .053 | .063 | .046 | .031 | .020 | .015 | .010 | |
| 5.0 | .178 | .119 | .075 | .153 | .103 | .066 | .105 | .072 | .046 | .061 | .042 | .028 | .020 | .014 | .009 | |
| 6.0 | .171 | .111 | .068 | .147 | .096 | .059 | .101 | .067 | .042 | .059 | .040 | .025 | .019 | .013 | .008 | |
| 7.0 | .164 | .104 | .062 | .141 | .090 | .054 | .098 | .063 | .038 | .057 | .037 | .023 | .018 | .012 | .008 | |
| 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 | .090 | .057 | .033 | .053 | .034 | .020 | .017 | .011 | .007 | |
| 10.0 | .146 | .089 | .051 | .126 | .077 | .045 | .087 | .054 | .032 | .051 | .032 | .019 | .016 | .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:2024-10-19 | 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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | | | | | | | | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | | | | | 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 | 22.8 | 24.3 | 24.5 | 22.5 | 24.0 | 22.9 | 24.3 | 24.6 |
| 3H | 24.1 | 25.4 | 24.4 | 25.7 | 26.1 | 24.1 | 25.5 | 24.5 | 25.8 | 26.1 |
| 4H | 24.7 | 26.0 | 25.1 | 26.3 | 26.7 | 24.8 | 26.1 | 25.2 | 26.4 | 26.8 |
| 6H | 25.2 | 26.4 | 25.6 | 26.7 | 27.1 | 25.3 | 26.5 | 25.7 | 26.9 | 27.2 |
| 8H | 25.3 | 26.5 | 25.7 | 26.9 | 27.2 | 25.5 | 26.7 | 25.9 | 27.0 | 27.4 |
| 12H | 25.5 | 26.6 | 25.9 | 27.0 | 27.3 | 25.6 | 26.7 | 26.0 | 27.1 | 27.5 |
| 4H 2H | 23.1 | 24.4 | 23.5 | 24.8 | 25.1 | 23.2 | 24.5 | 23.5 | 24.8 | 25.1 |
| 3H | 24.9 | 26.0 | 25.3 | 26.4 | 26.8 | 24.9 | 26.1 | 25.4 | 26.4 | 26.8 |
| 4H | 25.7 | 26.7 | 26.1 | 27.1 | 27.5 | 25.7 | 26.8 | 26.2 | 27.2 | 27.6 |
| 6H | 26.3 | 27.2 | 26.7 | 27.6 | 28.0 | 26.4 | 27.3 | 26.8 | 27.7 | 28.2 |
| 8H | 26.5 | 27.3 | 26.9 | 27.8 | 28.2 | 26.6 | 27.5 | 27.1 | 27.9 | 28.4 |
| 12H | 26.6 | 27.4 | 27.1 | 27.9 | 28.4 | 26.8 | 27.6 | 27.3 | 28.0 | 28.5 |
| 8H 4H | 25.9 | 26.8 | 26.4 | 27.2 | 27.7 | 26.0 | 26.9 | 26.5 | 27.3 | 27.8 |
| 6H | 26.7 | 27.4 | 27.2 | 27.9 | 28.4 | 26.8 | 27.5 | 27.3 | 28.0 | 28.5 |
| 8H | 27.0 | 27.7 | 27.5 | 28.1 | 28.7 | 27.1 | 27.8 | 27.7 | 28.3 | 28.8 |
| 12H | 27.3 | 27.8 | 27.8 | 28.4 | 28.9 | 27.4 | 28.0 | 27.9 | 28.5 | 29.0 |
| 12H 4H | 26.0 | 26.7 | 26.4 | 27.2 | 27.7 | 26.0 | 26.8 | 26.5 | 27.3 | 27.8 |
| 6H | 26.8 | 27.4 | 27.3 | 27.9 | 28.4 | 26.9 | 27.5 | 27.4 | 28.0 | 28.5 |
| 8H | 27.1 | 27.7 | 27.7 | 28.2 | 28.8 | 27.3 | 27.8 | 27.8 | 28.3 | 28.9 |
| 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, 192.71lm光源光通表格中的数据需要进行修正(81log(F/F0) = -5.7)。
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:2024-10-19 | 备注: GREEN |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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: |

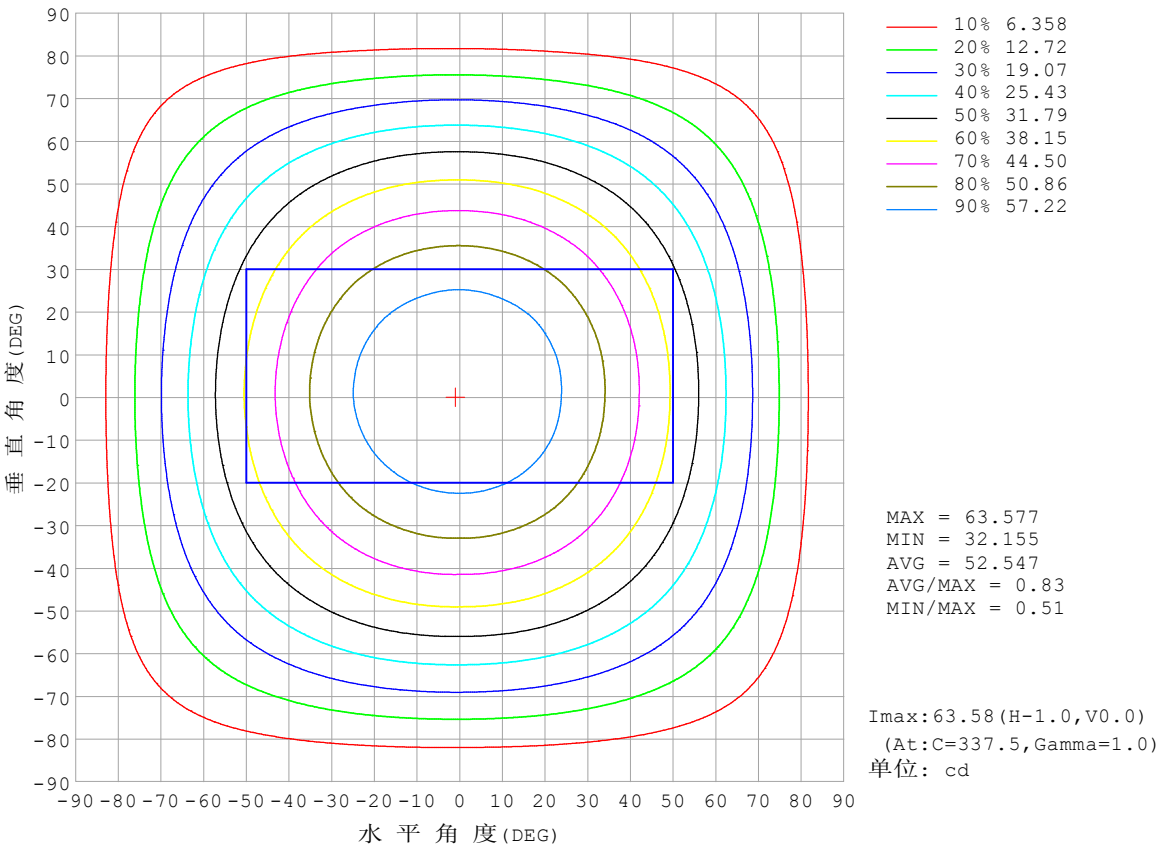
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 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 | 47 | 65 | 54 | 46 | 63 | 53 | 46 | 39 |
| 1.00 | 74 | 63 | 55 | 73 | 62 | 55 | 70 | 63 | 54 | 47 |
| 1.25 | 81 | 71 | 63 | 80 | 70 | 63 | 77 | 68 | 62 | 54 |
| 1.50 | 86 | 76 | 69 | 84 | 75 | 68 | 81 | 73 | 67 | 59 |
| 2.00 | 93 | 84 | 78 | 91 | 83 | 77 | 87 | 80 | 75 | 66 |
| 2.50 | 97 | 89 | 83 | 95 | 88 | 82 | 91 | 84 | 80 | 70 |
| 3.00 | 101 | 93 | 88 | 98 | 92 | 86 | 94 | 88 | 84 | 74 |
| 4.00 | 105 | 99 | 94 | 102 | 97 | 92 | 97 | 93 | 89 | 79 |
| 5.00 | 107 | 102 | 98 | 104 | 100 | 96 | 99 | 96 | 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: 2024-10-19

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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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: |

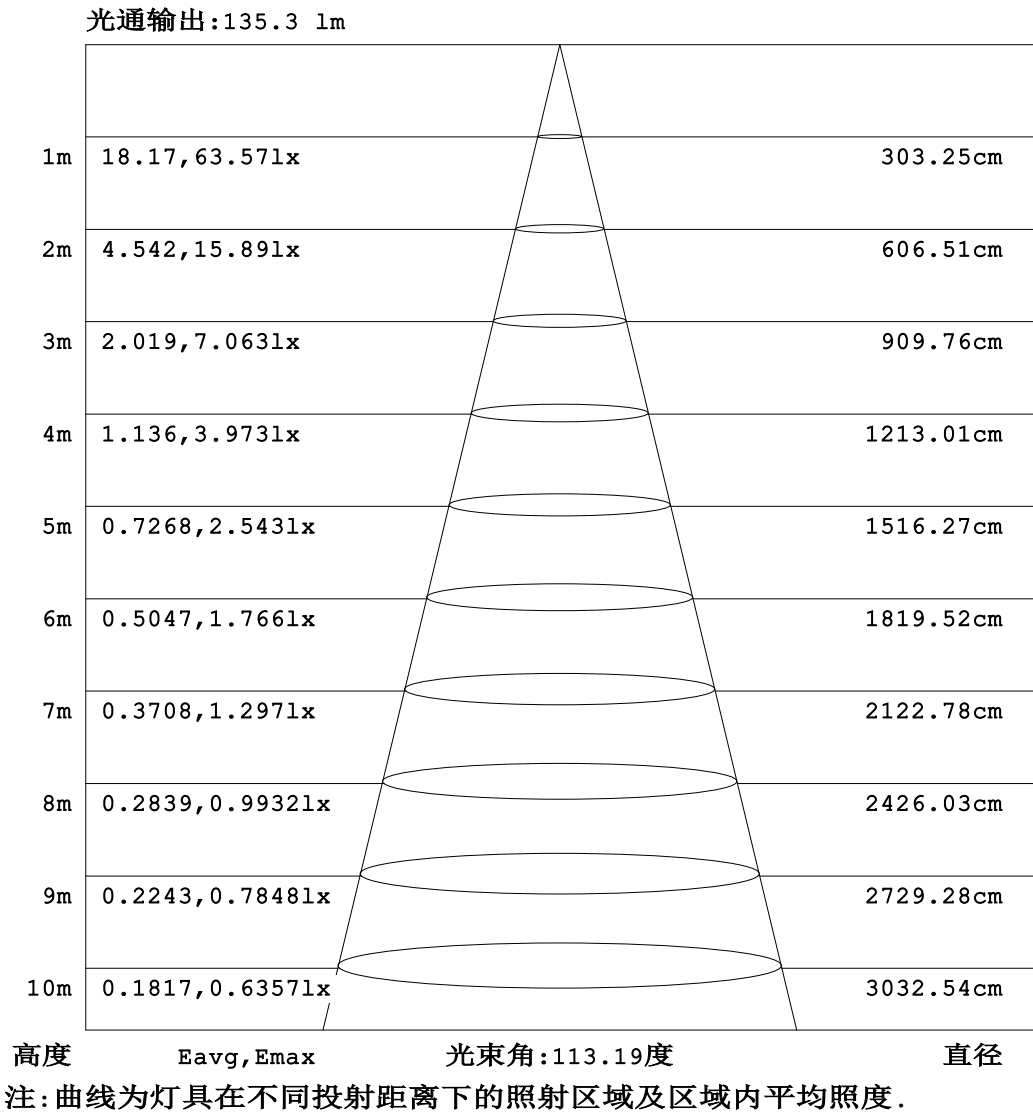


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度: 25.3℃
测试人员: Cloud
测试日期: 2024-10-19

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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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: |

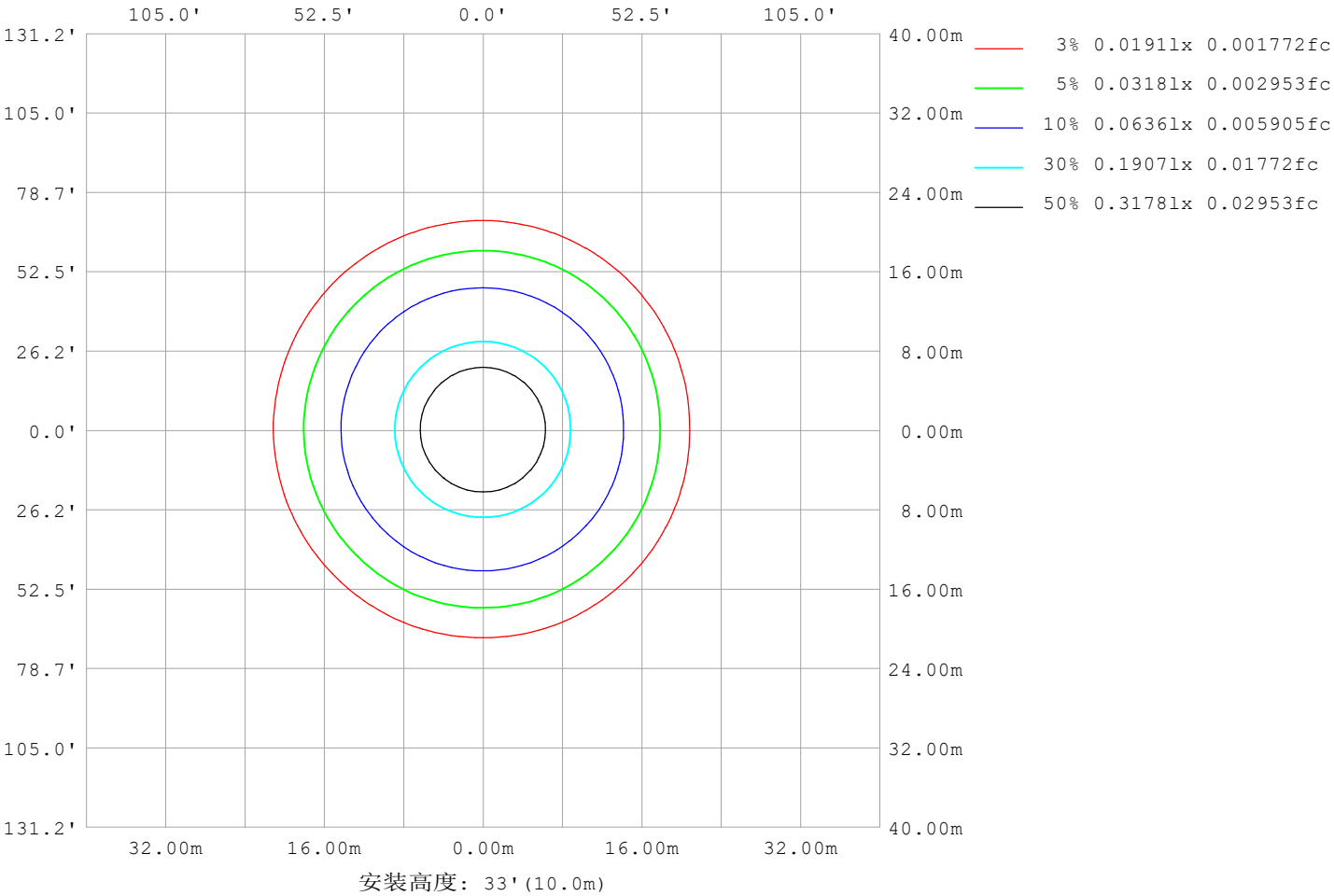


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-19

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:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 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: 2024-10-19

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

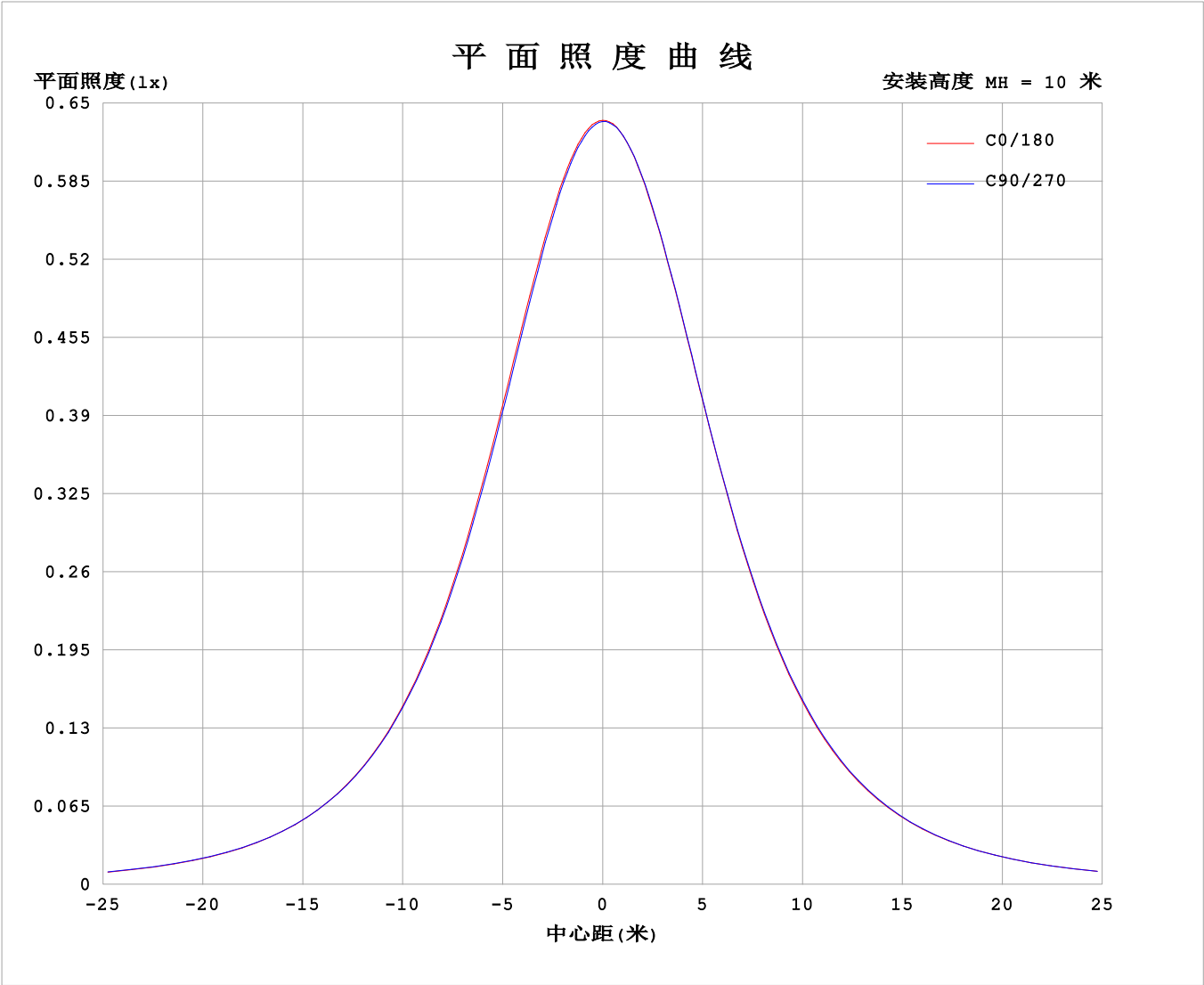
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 3260 |
| L横 (75) av | 3000 |
| L横 (85) av | 2911 |
| L纵 (65) av | 3288 |
| L纵 (75) av | 2999 |
| L纵 (85) av | 2483 |
| L45 (65) av | 3280 |
| L45 (75) av | 3002 |
| L45 (85) av | 2736 |

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:2024-10-19 | 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: 2024-10-19

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

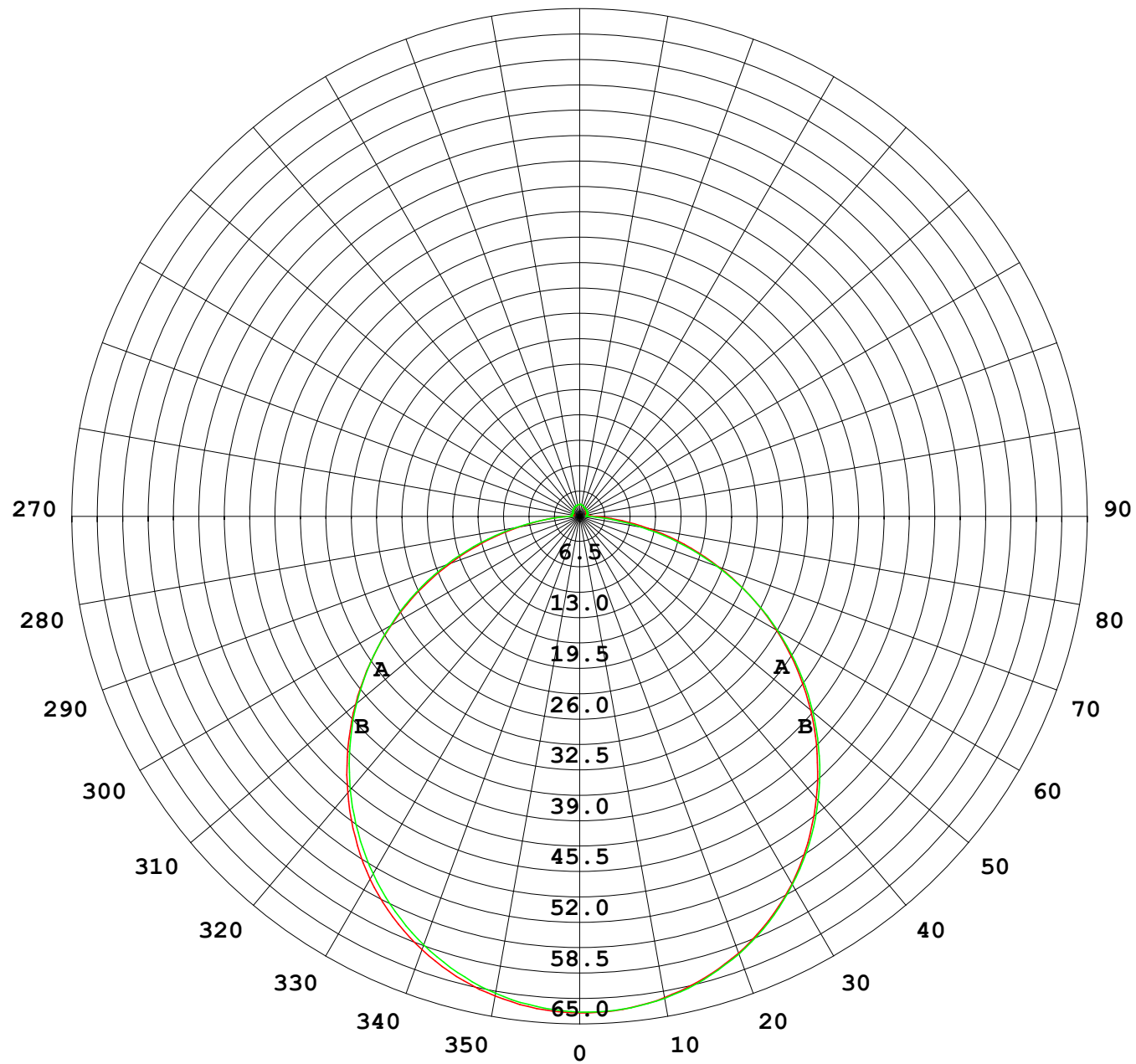
光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.3039A P:7.294W PF:1.000 Freq:0Hz 实检光通: 192.732x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称: SF28-24V-5050-72-DMX4-RGBW(3000K) | | | | | | | | | 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 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
| | | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | | | |
| | | 63.2 | 63.2 | 63.1 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.3 | 63.3 | | |
| | | 62.3 | 62.2 | 62.1 | 62.1 | 62.0 | 62.1 | 62.2 | 62.3 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.6 | 62.5 | | |
| | | 60.9 | 60.8 | 60.7 | 60.5 | 60.5 | 60.6 | 60.7 | 60.9 | 61.2 | 61.3 | 61.4 | 61.5 | 61.4 | 61.4 | 61.4 | 61.3 | 61.2 | | |
| | | 59.0 | 58.8 | 58.7 | 58.5 | 58.4 | 58.5 | 58.8 | 59.1 | 59.4 | 59.5 | 59.7 | 59.6 | 59.7 | 59.6 | 59.6 | 59.6 | 59.3 | | |
| | | 56.5 | 56.4 | 56.2 | 56.0 | 55.9 | 56.1 | 56.3 | 56.8 | 57.1 | 57.3 | 57.4 | 57.3 | 57.4 | 57.3 | 57.3 | 57.3 | 57.0 | | |
| | | 53.6 | 53.4 | 53.3 | 53.0 | 52.9 | 53.1 | 53.5 | 53.9 | 54.3 | 54.5 | 54.7 | 54.6 | 54.5 | 54.5 | 54.4 | 54.4 | 54.1 | | |
| | | 50.1 | 49.9 | 49.9 | 49.6 | 49.5 | 49.7 | 50.2 | 50.5 | 50.9 | 51.2 | 51.4 | 51.3 | 51.2 | 51.2 | 51.1 | 50.7 | | | |
| | | 46.1 | 46.1 | 46.1 | 45.9 | 45.7 | 46.0 | 46.4 | 46.7 | 47.1 | 47.4 | 47.7 | 47.7 | 47.5 | 47.5 | 47.3 | 46.8 | | | |
| | | 41.9 | 41.8 | 41.9 | 41.8 | 41.6 | 42.0 | 42.2 | 42.5 | 43.0 | 43.2 | 43.6 | 43.6 | 43.4 | 43.4 | 43.2 | 42.5 | | | |
| | | 37.4 | 37.4 | 37.4 | 37.4 | 37.3 | 37.6 | 37.8 | 38.1 | 38.6 | 38.8 | 39.1 | 39.2 | 39.0 | 39.0 | 38.6 | 38.0 | | | |
| | | 32.7 | 32.7 | 32.7 | 32.9 | 32.7 | 33.0 | 33.2 | 33.5 | 33.9 | 34.1 | 34.4 | 34.5 | 34.3 | 34.2 | 33.8 | 33.3 | | | |
| | | 27.8 | 27.8 | 27.9 | 28.1 | 28.0 | 28.3 | 28.3 | 28.6 | 29.1 | 29.2 | 29.4 | 29.4 | 29.3 | 29.2 | 28.9 | 28.4 | | | |
| | | 22.8 | 22.9 | 23.0 | 23.1 | 23.1 | 23.3 | 23.4 | 23.7 | 24.1 | 24.1 | 24.2 | 24.2 | 24.1 | 23.9 | 23.7 | 23.2 | | | |
| | | 17.6 | 17.8 | 17.9 | 18.1 | 18.2 | 18.3 | 18.3 | 18.6 | 18.9 | 18.9 | 18.9 | 18.8 | 18.7 | 18.5 | 18.4 | 18.0 | | | |
| | | 12.6 | 12.8 | 12.9 | 13.1 | 13.1 | 13.2 | 13.3 | 13.5 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.1 | 13.0 | 12.8 | | | |
| | | 7.80 | 8.01 | 8.10 | 8.19 | 8.21 | 8.34 | 8.45 | 8.68 | 8.93 | 8.74 | 8.51 | 8.16 | 7.99 | 7.90 | 7.97 | 7.95 | | | |
| | | 3.89 | 4.02 | 4.02 | 3.94 | 3.91 | 4.05 | 4.29 | 4.54 | 4.73 | 4.54 | 4.19 | 3.73 | 3.45 | 3.48 | 3.72 | 3.72 | | | |
| | | 1.55 | 1.61 | 1.54 | 1.37 | 1.11 | 1.45 | 1.81 | 2.09 | 2.18 | 2.01 | 1.68 | 1.23 | 0.83 | 1.06 | 1.31 | 1.45 | | | |
| | | 0.91 | 0.92 | 0.98 | 1.02 | 1.05 | 1.03 | 1.12 | 1.18 | 1.13 | 1.10 | 0.96 | 0.89 | 0.87 | 0.85 | 0.83 | 0.85 | | | |
| | | 0.86 | 0.91 | 0.97 | 1.02 | 1.10 | 1.03 | 1.03 | 1.00 | 0.90 | 0.92 | 0.89 | 0.89 | 0.92 | 0.86 | 0.84 | 0.80 | | | |
| | | 0.88 | 0.95 | 0.99 | 1.02 | 1.05 | 1.03 | 1.02 | 0.98 | 0.85 | 0.87 | 0.90 | 0.93 | 0.98 | 0.91 | 0.87 | 0.81 | | | |
| | | 0.92 | 0.99 | 1.02 | 1.03 | 0.96 | 1.05 | 1.04 | 1.01 | 0.86 | 0.86 | 0.93 | 0.97 | 1.07 | 0.96 | 0.92 | 0.85 | | | |
| | | 0.98 | 1.04 | 1.04 | 1.05 | 1.00 | 1.07 | 1.07 | 1.06 | 0.90 | 0.90 | 0.97 | 1.00 | 1.09 | 0.99 | 0.96 | 0.89 | | | |
| | | 1.03 | 1.08 | 1.08 | 1.09 | 1.06 | 1.11 | 1.11 | 1.11 | 0.95 | 0.94 | 1.00 | 1.04 | 1.11 | 1.02 | 1.00 | 0.95 | | | |
| | | 1.08 | 1.12 | 1.11 | 1.12 | 1.10 | 1.15 | 1.14 | 1.15 | 0.99 | 0.99 | 1.05 | 1.07 | 1.13 | 1.06 | 1.05 | 0.99 | | | |
| | | 1.13 | 1.16 | 1.14 | 1.16 | 1.14 | 1.19 | 1.19 | 1.20 | 1.04 | 1.03 | 1.09 | 1.10 | 1.16 | 1.10 | 1.10 | 1.05 | | | |
| | | 1.17 | 1.21 | 1.18 | 1.20 | 1.19 | 1.24 | 1.23 | 1.24 | 1.10 | 1.09 | 1.14 | 1.13 | 1.18 | 1.14 | 1.15 | 1.11 | | | |
| | | 1.22 | 1.23 | 1.21 | 1.24 | 1.24 | 1.29 | 1.27 | 1.29 | 1.15 | 1.14 | 1.19 | 1.18 | 1.22 | 1.18 | 1.19 | 1.16 | | | |
| | | 1.26 | 1.27 | 1.26 | 1.29 | 1.28 | 1.33 | 1.31 | 1.34 | 1.21 | 1.20 | 1.24 | 1.23 | 1.25 | 1.23 | 1.25 | 1.21 | | | |
| | | 1.31 | 1.31 | 1.30 | 1.36 | 1.34 | 1.38 | 1.36 | 1.38 | 1.26 | 1.25 | 1.29 | 1.27 | 1.29 | 1.27 | 1.30 | 1.27 | | | |
| | | 1.35 | 1.36 | 1.35 | 1.40 | 1.40 | 1.44 | 1.41 | 1.43 | 1.33 | 1.31 | 1.35 | 1.33 | 1.35 | 1.32 | 1.35 | 1.33 | | | |
| | | 1.41 | 1.41 | 1.40 | 1.45 | 1.45 | 1.48 | 1.45 | 1.48 | 1.38 | 1.37 | 1.41 | 1.38 | 1.41 | 1.39 | 1.41 | 1.38 | | | |
| | | 1.44 | 1.45 | 1.46 | 1.49 | 1.48 | 1.52 | 1.50 | 1.52 | 1.44 | 1.42 | 1.45 | 1.44 | 1.46 | 1.44 | 1.46 | 1.45 | | | |
| | | 1.48 | 1.50 | 1.49 | 1.52 | 1.52 | 1.55 | 1.52 | 1.54 | 1.49 | 1.46 | 1.50 | 1.48 | 1.51 | 1.48 | 1.50 | 1.48 | | | |
| | | 1.49 | 1.52 | 1.51 | 1.54 | 1.54 | 1.56 | 1.54 | 1.56 | 1.51 | 1.49 | 1.53 | 1.52 | 1.55 | 1.52 | 1.54 | 1.53 | | | |
| | | 1.51 | 1.52 | 1.53 | 1.54 | 1.55 | 1.56 | 1.55 | 1.56 | 1.51 | 1.52 | 1.53 | 1.54 | 1.55 | 1.55 | 1.56 | 1.55 | | | |

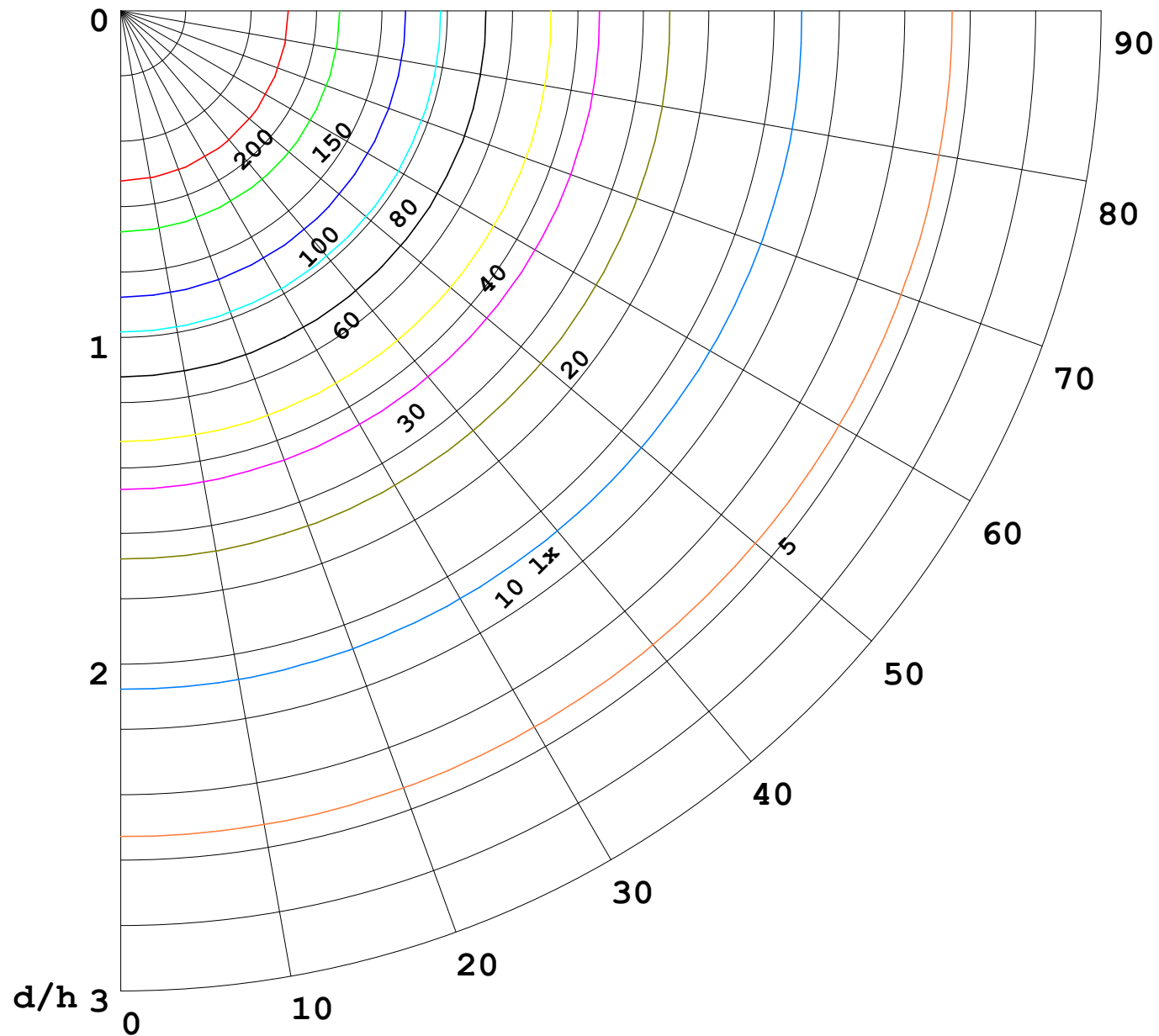
| | |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度 |
| C角度间隔: 22.5度 | γ角度间隔: 1.0度 |
| 测试速度: 快速 | 测试系统: 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488 |
| 环境温度: 25.3℃ | 环境湿度: 65.0% |
| 测试人员: Cloud | 测试距离: 6.360米 [K=1.0000] |
| 测试日期: 2024-10-19 | 备注: GREEN |

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 |

