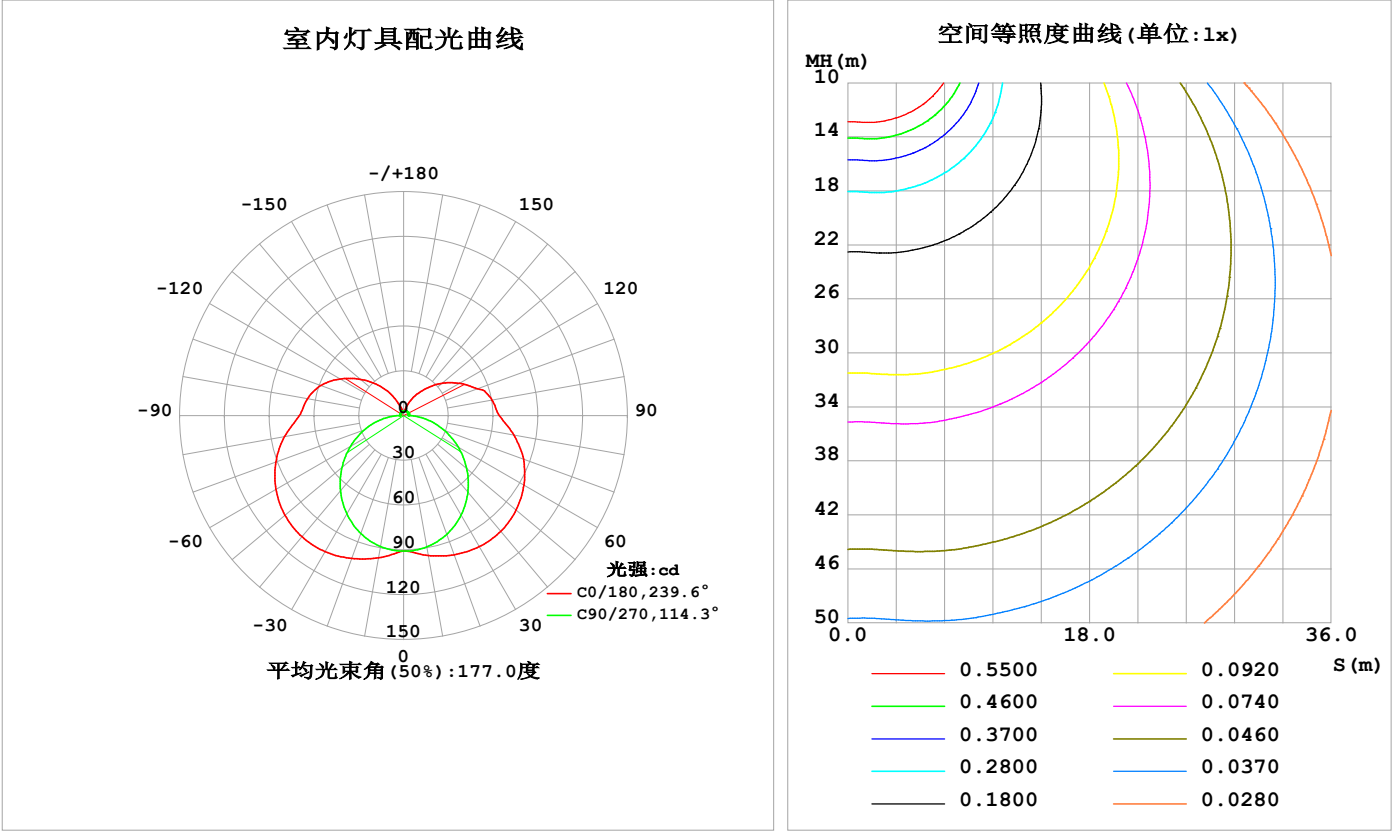


室内灯具光度数据

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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: 35.35 lm/W |
|-----------|--------|----------|--------|-------------------|-----------|----------------|
| 型号 | | 峰值光强(cd) | 106.1 | S/MH(C0/180) | 1.74 | |
| 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) | 607.83 | η UP,DN(C0-180) | 12.8,37.2 | |
| 额定光通量(lm) | 607.83 | CIE分类 | 半直接 | η UP,DN(C180-360) | 12.7,37.2 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 25.6 | CIBSE SHR NOM | 1.50 | |
| 实测电源电压(V) | | 下射光通比(%) | 74.4 | 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: 2024-10-12

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: ALL

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 | 95.24 | 92.88 | 89.39 | 94.39 | 96.72 | 94.10 | 89.09 | 92.50 | 0- 10 | 8.803 | 8.803 | 1.45,1.45 |
| 20 | 99.22 | 94.01 | 84.70 | 96.10 | 101.8 | 95.65 | 84.06 | 93.28 | 10- 20 | 26.55 | 35.36 | 5.82,5.82 |
| 30 | 101.4 | 92.83 | 77.07 | 95.48 | 105.3 | 94.83 | 76.15 | 91.75 | 20- 30 | 43.13 | 78.49 | 12.9,12.9 |
| 40 | 101.3 | 89.32 | 67.03 | 92.49 | 106.0 | 91.78 | 65.87 | 87.97 | 30- 40 | 56.76 | 135.3 | 22.3,22.3 |
| 50 | 98.46 | 83.63 | 55.24 | 86.94 | 103.8 | 86.25 | 53.91 | 82.20 | 40- 50 | 65.98 | 201.2 | 33.1,33.1 |
| 60 | 93.08 | 75.80 | 42.33 | 79.06 | 98.74 | 78.63 | 41.06 | 74.58 | 50- 60 | 69.94 | 271.2 | 44.6,44.6 |
| 70 | 85.61 | 66.24 | 29.04 | 69.24 | 91.10 | 69.29 | 27.97 | 65.04 | 60- 70 | 68.46 | 339.6 | 55.9,55.9 |
| 80 | 74.96 | 55.39 | 15.87 | 57.89 | 80.96 | 58.40 | 14.96 | 54.29 | 70- 80 | 61.80 | 401.4 | 66,66 |
| 90 | 64.17 | 44.15 | 3.366 | 46.85 | 69.92 | 47.47 | 2.730 | 43.39 | 80- 90 | 51.07 | 452.5 | 74.4,74.4 |
| 100 | 60.25 | 41.16 | 3.439 | 43.92 | 65.45 | 44.42 | 2.574 | 36.76 | 90-100 | 43.41 | 495.9 | 81.6,81.6 |
| 110 | 52.63 | 32.57 | 3.630 | 38.64 | 59.11 | 38.87 | 2.621 | 31.76 | 100-110 | 37.34 | 533.3 | 87.7,87.7 |
| 120 | 43.42 | 26.26 | 3.642 | 31.03 | 49.24 | 31.09 | 2.754 | 24.57 | 110-120 | 29.48 | 562.7 | 92.6,92.6 |
| 130 | 33.87 | 18.23 | 3.625 | 23.20 | 37.96 | 23.13 | 2.861 | 16.99 | 120-130 | 20.87 | 583.6 | 96,96 |
| 140 | 23.98 | 12.05 | 3.538 | 15.17 | 26.81 | 15.14 | 2.994 | 11.41 | 130-140 | 13.09 | 596.7 | 98.2,98.2 |
| 150 | 15.33 | 7.192 | 3.455 | 8.206 | 15.83 | 8.232 | 3.089 | 6.639 | 140-150 | 6.856 | 603.6 | 99.3,99.3 |
| 160 | 7.546 | 3.884 | 3.315 | 3.498 | 6.759 | 3.557 | 3.211 | 3.748 | 150-160 | 2.902 | 606.5 | 99.8,99.8 |
| 170 | 3.323 | 3.317 | 3.225 | 3.362 | 3.271 | 3.374 | 3.315 | 3.432 | 160-170 | 1.044 | 607.5 | 99.9,99.9 |
| 180 | 3.337 | 3.392 | 3.332 | 3.443 | 3.343 | 3.409 | 3.347 | 3.446 | 170-180 | 0.3210 | 607.8 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：167.41 lm

%lum = 27.5%
%lamp = 27.5%

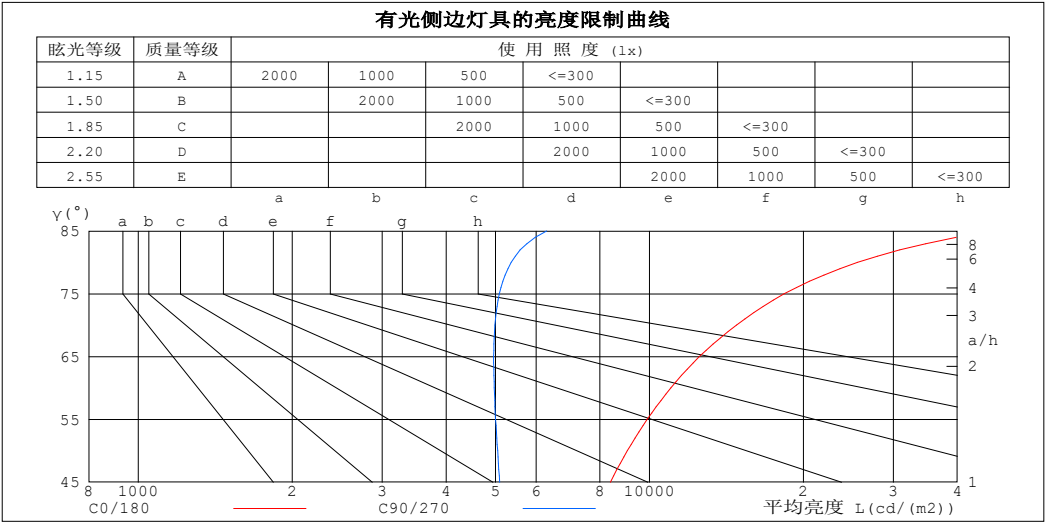
锥面光通量(130度)：305.92 lm

%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:2024-10-12 | 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：ALL |
|---|---|

灯具亮度限制曲线

| | | |
|--|----------------|-------|
| 实测参数：U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通：607.83x1 lm | | |
| 灯具名称：SF18-24V-5050-72-RGBW(4000K)-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 | 46932 | 6293 |
| 80 | 25520 | 5363 |
| 75 | 18356 | 5087 |
| 70 | 14798 | 4983 |
| 65 | 12528 | 4956 |
| 60 | 11005 | 4969 |
| 55 | 9901 | 5001 |
| 50 | 9055 | 5044 |
| 45 | 8380 | 5089 |

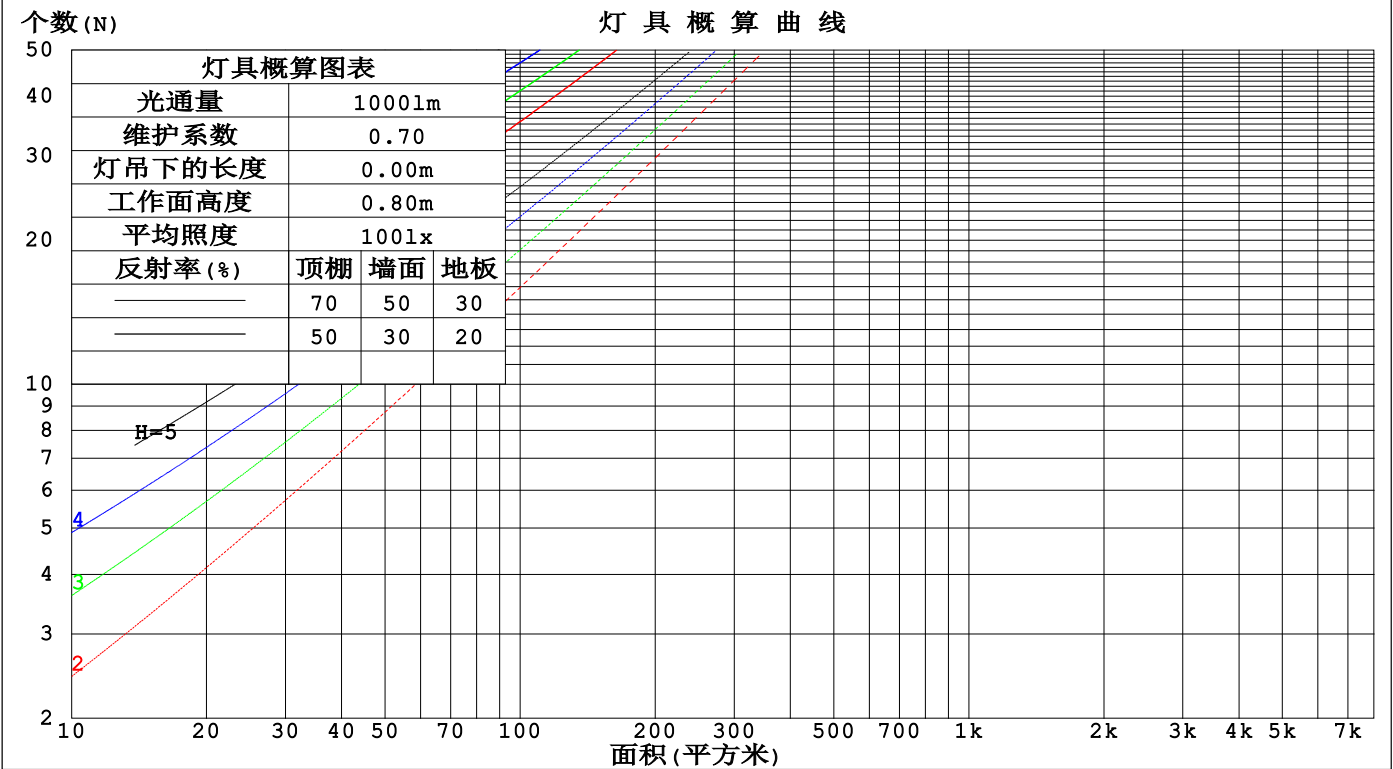
C角度范围： 0度 - 360度
C角度间隔： 22.5度
测试速度： 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-12

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： ALL

工作面利用系数和灯具概算曲线

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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 | .79 | .79 | .79 | .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 | .42 | .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 | .30 | .26 | .23 |
| 6.0 | .47 | .37 | .31 | .44 | .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: 2024-10-12

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: ALL

墙面和天花板利用系数

| | | | | | |
|--|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | | | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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 | .402 | .229 | .072 | .387 | .221 | .070 | .359 | .206 | .066 | .333 | .192 | .062 | .309 | .179 | .058 | |
| 2.0 | .344 | .188 | .058 | .330 | .182 | .056 | .304 | .169 | .053 | .281 | .157 | .049 | .259 | .146 | .046 | |
| 3.0 | .303 | .161 | .048 | .291 | .156 | .047 | .267 | .145 | .044 | .246 | .135 | .041 | .226 | .125 | .039 | |
| 4.0 | .271 | .141 | .041 | .260 | .136 | .040 | .239 | .127 | .038 | .219 | .118 | .036 | .201 | .109 | .033 | |
| 5.0 | .246 | .125 | .036 | .236 | .121 | .035 | .216 | .113 | .033 | .198 | .105 | .031 | .181 | .097 | .029 | |
| 6.0 | .224 | .113 | .032 | .215 | .109 | .031 | .197 | .101 | .029 | .181 | .094 | .028 | .165 | .087 | .026 | |
| 7.0 | .207 | .102 | .029 | .198 | .099 | .028 | .182 | .092 | .026 | .167 | .085 | .025 | .152 | .079 | .023 | |
| 8.0 | .191 | .093 | .026 | .183 | .090 | .026 | .168 | .084 | .024 | .154 | .078 | .023 | .141 | .072 | .021 | |
| 9.0 | .178 | .086 | .024 | .171 | .083 | .023 | .157 | .078 | .022 | .144 | .072 | .021 | .131 | .067 | .019 | |
| 10.0 | .166 | .080 | .022 | .160 | .077 | .021 | .147 | .072 | .020 | .135 | .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 | .385 | .385 | .385 | .329 | .329 | .329 | .225 | .225 | .225 | .129 | .129 | .129 | .041 | .041 | .041 | |
| 1.0 | .383 | .352 | .323 | .328 | .302 | .278 | .224 | .208 | .192 | .129 | .120 | .112 | .041 | .039 | .036 | |
| 2.0 | .377 | .329 | .289 | .323 | .283 | .250 | .221 | .196 | .174 | .128 | .114 | .102 | .041 | .037 | .033 | |
| 3.0 | .370 | .313 | .268 | .317 | .270 | .233 | .217 | .188 | .163 | .126 | .110 | .096 | .040 | .036 | .032 | |
| 4.0 | .362 | .301 | .255 | .311 | .260 | .221 | .214 | .181 | .156 | .124 | .106 | .092 | .040 | .035 | .030 | |
| 5.0 | .354 | .291 | .245 | .304 | .252 | .213 | .210 | .176 | .151 | .121 | .103 | .089 | .039 | .034 | .029 | |
| 6.0 | .347 | .284 | .238 | .298 | .246 | .208 | .206 | .172 | .147 | .119 | .101 | .087 | .038 | .033 | .029 | |
| 7.0 | .340 | .277 | .233 | .292 | .240 | .203 | .202 | .168 | .144 | .117 | .099 | .086 | .038 | .033 | .028 | |
| 8.0 | .333 | .272 | .230 | .287 | .236 | .200 | .198 | .166 | .142 | .115 | .098 | .085 | .037 | .032 | .028 | |
| 9.0 | .327 | .267 | .227 | .281 | .232 | .198 | .195 | .163 | .140 | .114 | .096 | .084 | .037 | .032 | .028 | |
| 10.0 | .321 | .263 | .225 | .277 | .228 | .196 | .192 | .161 | .139 | .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: 2024-10-12 | 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: ALL |
|--|---|

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | |
|--|----------------------|------|------|------|-----------------|--------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | | | | | | | | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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 | 21.6 | 22.9 | 22.2 | 23.5 | 24.3 | 18.6 | 19.9 | 19.2 | 20.6 | 21.3 |
| 3H | 24.5 | 25.7 | 25.2 | 26.4 | 27.1 | 20.4 | 21.6 | 21.0 | 22.2 | 23.0 |
| 4H | 26.1 | 27.3 | 26.8 | 27.9 | 28.7 | 21.2 | 22.3 | 21.8 | 23.0 | 23.7 |
| 6H | 27.8 | 28.9 | 28.5 | 29.6 | 30.4 | 21.8 | 22.9 | 22.5 | 23.6 | 24.4 |
| 8H | 28.8 | 29.8 | 29.5 | 30.5 | 31.3 | 22.1 | 23.2 | 22.8 | 23.9 | 24.7 |
| 12H | 29.9 | 30.9 | 30.6 | 31.6 | 32.4 | 22.4 | 23.4 | 23.0 | 24.1 | 24.9 |
| 4H 2H | 22.2 | 23.3 | 22.8 | 24.0 | 24.8 | 20.1 | 21.3 | 20.8 | 22.0 | 22.7 |
| 3H | 25.3 | 26.3 | 26.0 | 27.0 | 27.9 | 22.2 | 23.2 | 22.9 | 23.9 | 24.7 |
| 4H | 27.1 | 28.1 | 27.8 | 28.8 | 29.6 | 23.2 | 24.1 | 23.9 | 24.8 | 25.7 |
| 6H | 29.1 | 29.9 | 29.8 | 30.6 | 31.5 | 24.0 | 24.9 | 24.8 | 25.6 | 26.5 |
| 8H | 30.1 | 30.9 | 30.9 | 31.7 | 32.6 | 24.4 | 25.2 | 25.2 | 25.9 | 26.8 |
| 12H | 31.4 | 32.1 | 32.1 | 32.8 | 33.8 | 24.7 | 25.4 | 25.5 | 26.2 | 27.1 |
| 8H 4H | 27.5 | 28.3 | 28.2 | 29.0 | 29.9 | 24.4 | 25.2 | 25.2 | 26.0 | 26.9 |
| 6H | 29.7 | 30.4 | 30.5 | 31.2 | 32.1 | 25.7 | 26.4 | 26.5 | 27.2 | 28.1 |
| 8H | 31.0 | 31.6 | 31.8 | 32.4 | 33.4 | 26.3 | 26.9 | 27.1 | 27.7 | 28.7 |
| 12H | 32.5 | 33.0 | 33.3 | 33.8 | 34.8 | 26.9 | 27.4 | 27.7 | 28.2 | 29.2 |
| 12H 4H | 27.5 | 28.2 | 28.3 | 29.0 | 29.9 | 24.9 | 25.6 | 25.6 | 26.3 | 27.3 |
| 6H | 29.9 | 30.5 | 30.7 | 31.3 | 32.2 | 26.4 | 27.0 | 27.2 | 27.8 | 28.7 |
| 8H | 31.3 | 31.8 | 32.1 | 32.6 | 33.6 | 27.2 | 27.7 | 28.0 | 28.5 | 29.5 |
| 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, 607.8lm光源光通表格中的数据需要进行修正(8log(F/F0) = -1.7)。
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:2024-10-12 | 备注: ALL |

UF利用系数表

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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: |

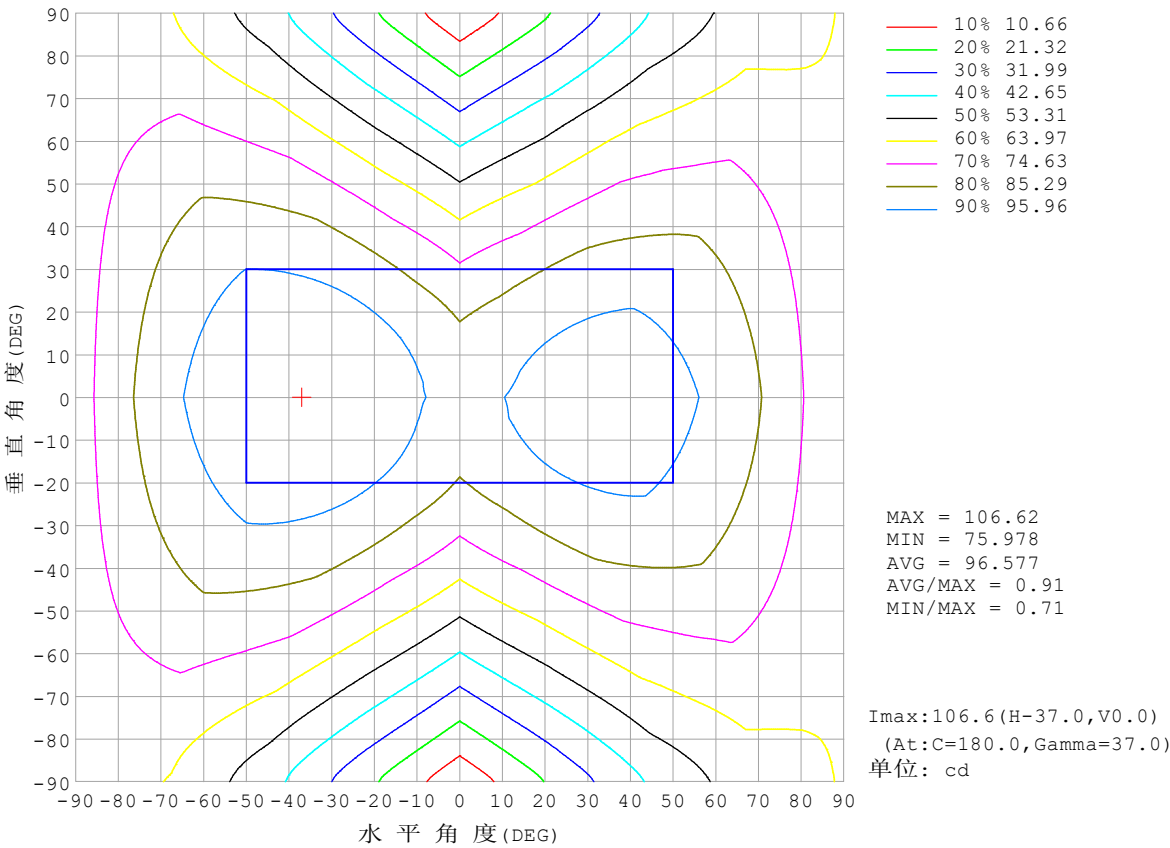
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 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 | 30 | 23 | 40 | 29 | 23 | 16 |
| 0.80 | 53 | 39 | 31 | 51 | 38 | 30 | 48 | 37 | 29 | 21 |
| 1.00 | 60 | 47 | 38 | 58 | 45 | 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: 2024-10-12

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: ALL

灯 具 等 光 强 曲 线

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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: |

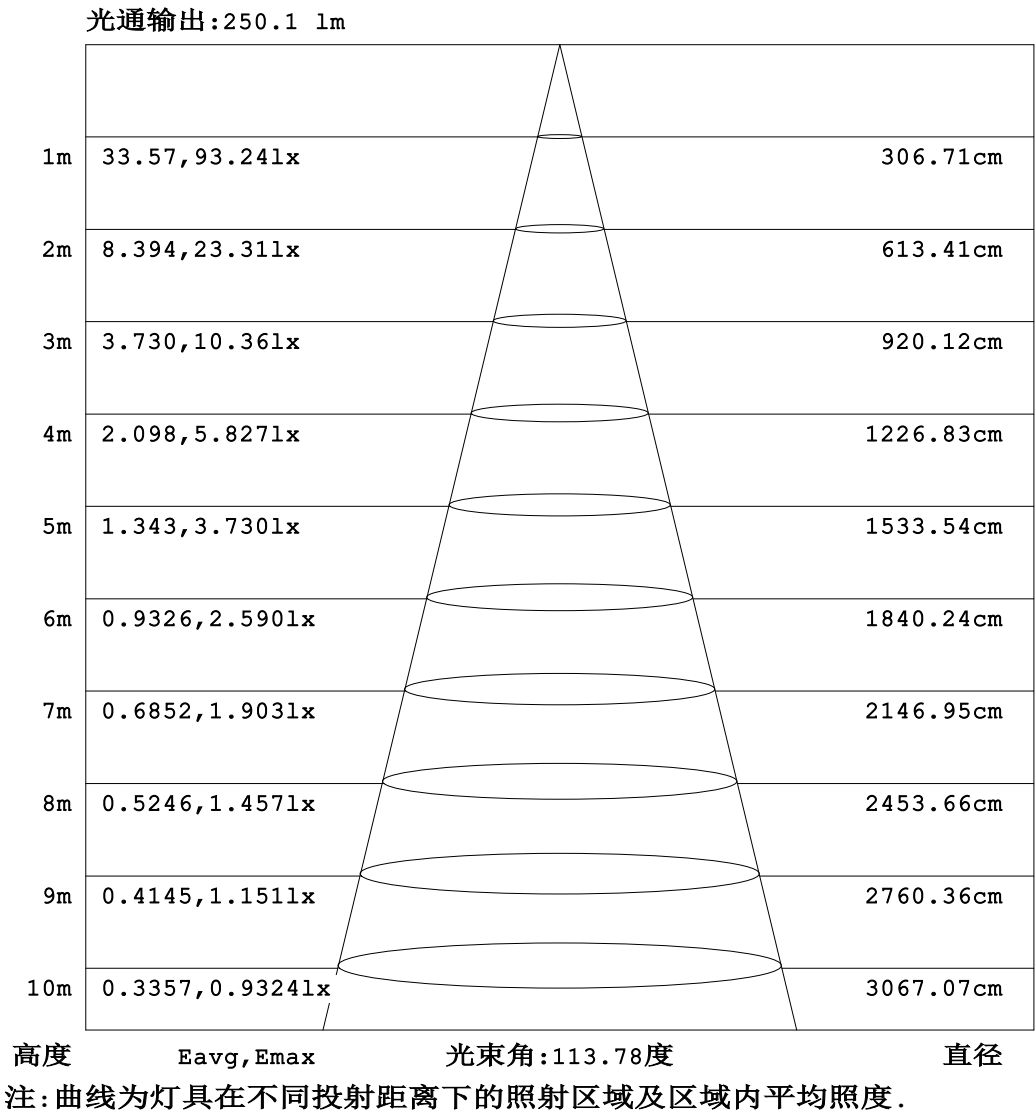


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-12

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: ALL

灯 具 有 效 平 均 照 度 图

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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: |

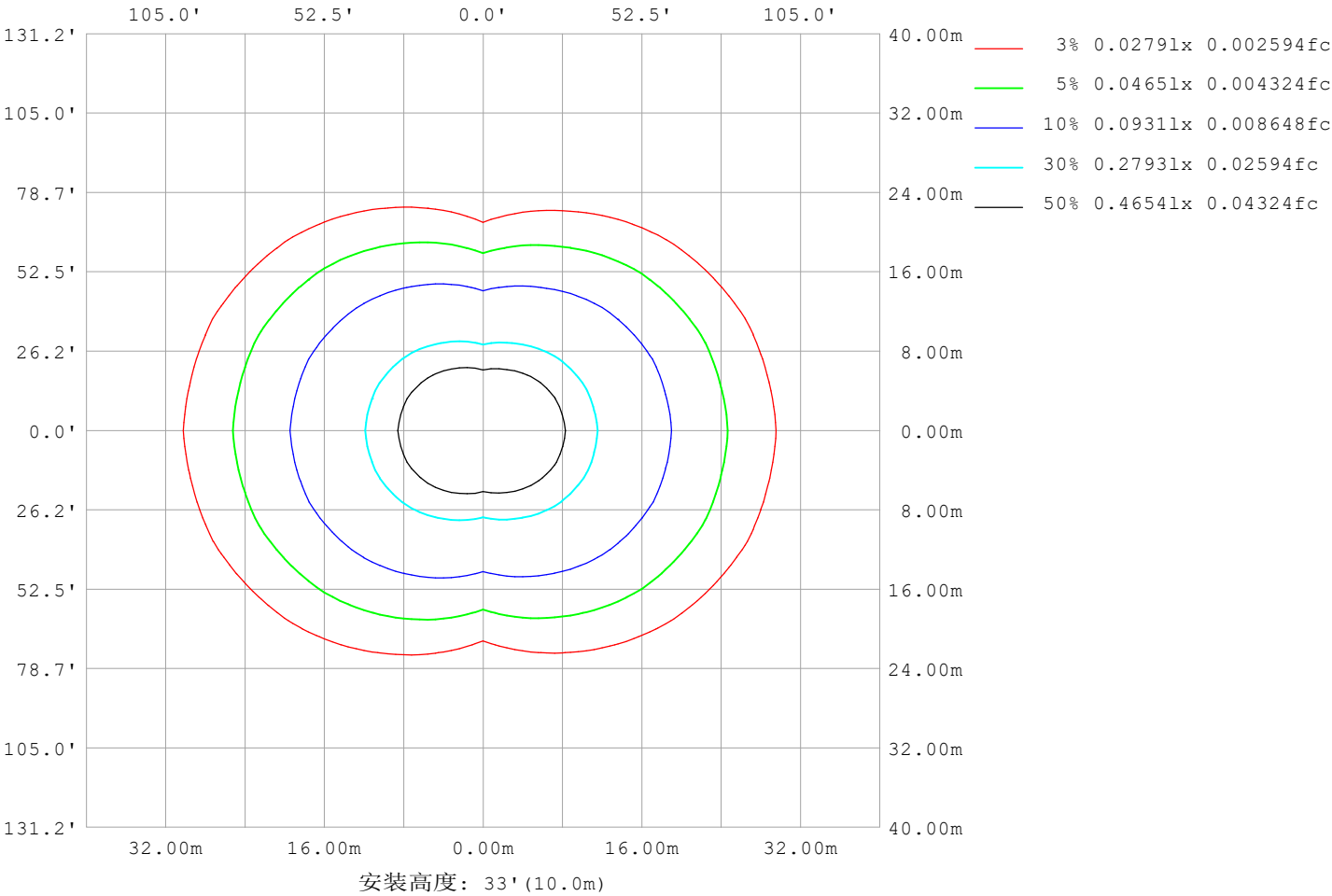


C角度范围: 0度 - 360度
C角度间隔: 22.5度
测试速度: 快速
环境温度:25.3℃
测试人员:Cloud
测试日期:2024-10-12

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: ALL

平面等照度曲线

| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-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: 2024-10-12

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: ALL

LED筒灯平均亮度报告

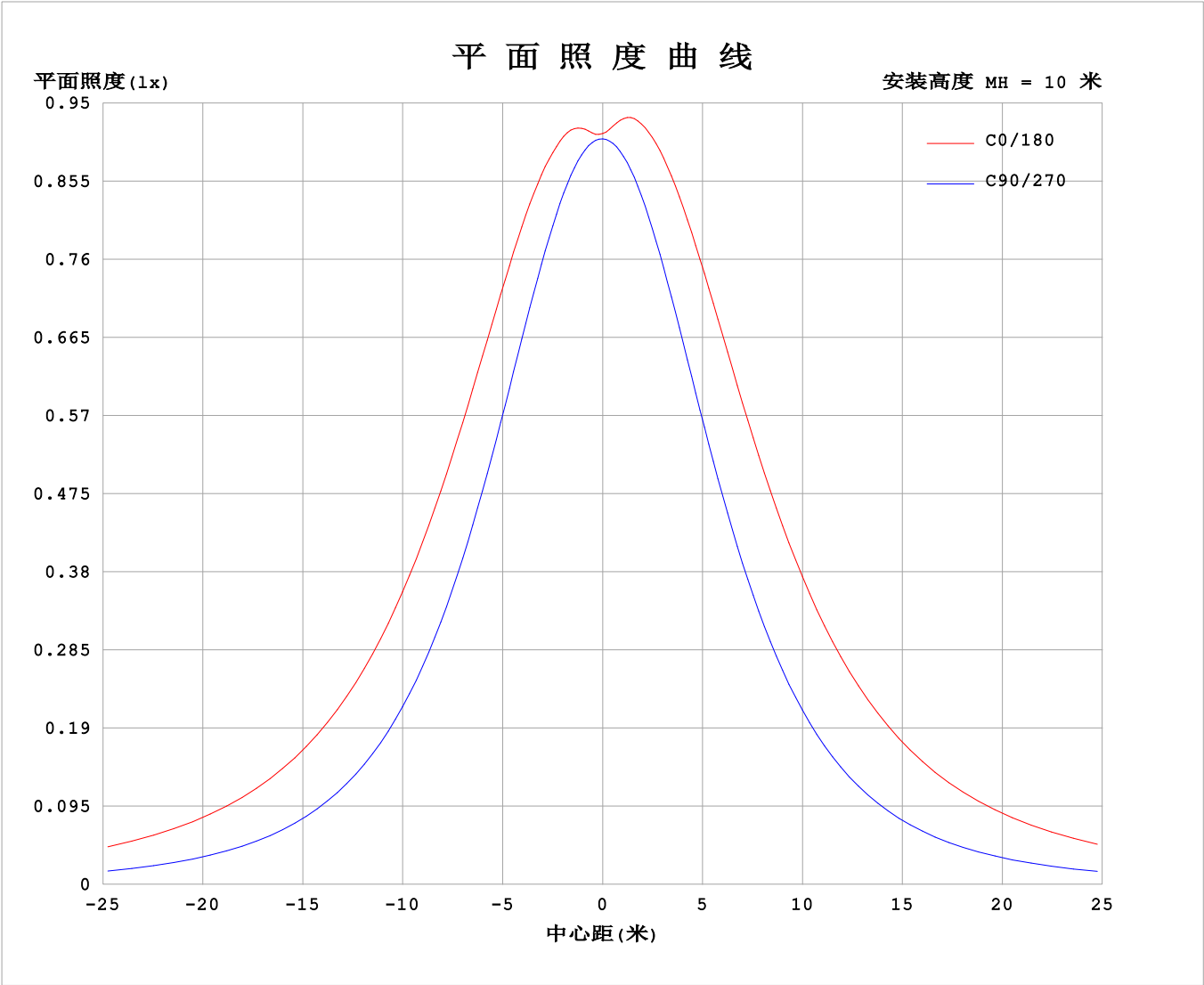
| | | |
|--|-----------------|-------|
| 实测参数: U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通: 607.83x1 lm | | |
| 灯具名称: SF18-24V-5050-72-RGBW(4000K)-80 | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 12861 |
| L横 (75) av | 18941 |
| L横 (85) av | 48682 |
| L纵 (65) av | 4886 |
| L纵 (75) av | 4990 |
| L纵 (85) av | 6041 |
| L45 (65) av | 10088 |
| L45 (75) av | 14118 |
| L45 (85) av | 34135 |

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:2024-10-12 | 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: ALL |
|---|---|

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: 2024-10-12

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: ALL

光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|-------|--|--|
| 实测参数：U:24.00V I:0.7165A P:17.20W PF:1.000 Freq:0Hz 实检光通：607.83x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称：SF18-24V-5050-72-RGBW(4000K)-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： | | |

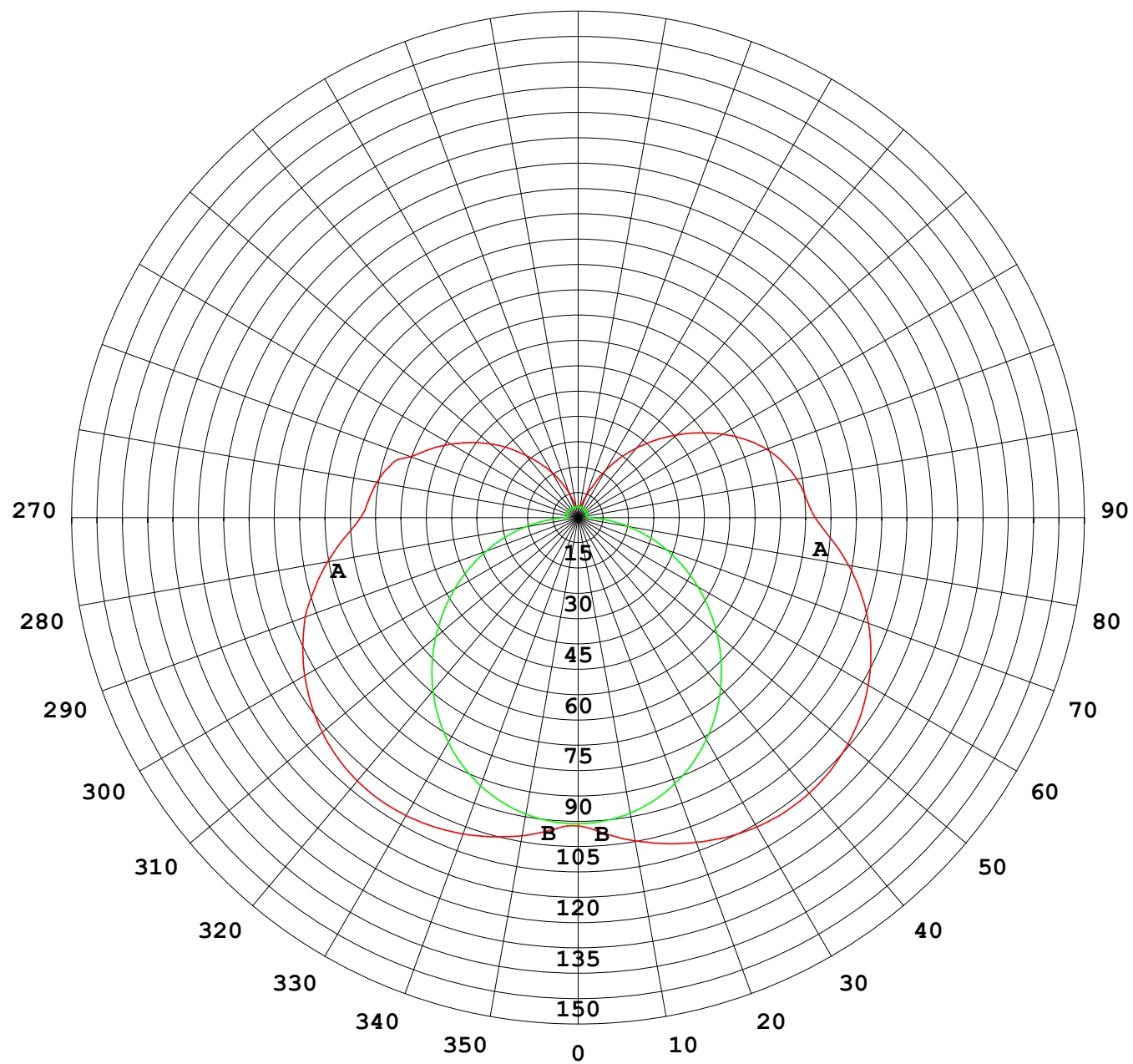
表--1单位：cd

| 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 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | | | |
| 5 | 92.4 | 92.1 | 91.3 | 90.5 | 90.5 | 91.4 | 92.5 | 93.3 | 93.5 | 93.2 | 92.3 | 91.2 | 90.4 | 90.4 | 91.1 | 92.0 | | | |
| 10 | 95.2 | 94.7 | 92.9 | 90.3 | 89.4 | 91.6 | 94.4 | 96.2 | 96.7 | 96.0 | 94.1 | 91.4 | 89.1 | 89.9 | 92.5 | 94.4 | | | |
| 15 | 97.4 | 96.5 | 93.9 | 89.8 | 87.4 | 91.3 | 95.5 | 98.5 | 99.5 | 98.3 | 95.2 | 90.9 | 87.0 | 89.2 | 93.3 | 96.1 | | | |
| 20 | 99.2 | 98.0 | 94.0 | 88.7 | 84.7 | 90.2 | 96.1 | 100 | 102 | 100 | 95.7 | 89.6 | 84.1 | 87.8 | 93.3 | 97.5 | | | |
| 25 | 101 | 98.9 | 93.8 | 86.8 | 81.2 | 88.3 | 96.1 | 102 | 104 | 102 | 95.5 | 87.6 | 80.5 | 85.7 | 92.8 | 98.3 | | | |
| 30 | 101 | 99.3 | 92.8 | 84.1 | 77.1 | 85.7 | 95.5 | 103 | 105 | 102 | 94.8 | 84.9 | 76.1 | 82.8 | 91.8 | 98.6 | | | |
| 35 | 102 | 99.1 | 91.3 | 80.8 | 72.3 | 82.6 | 94.3 | 103 | 106 | 103 | 93.6 | 81.7 | 71.3 | 79.3 | 90.1 | 98.4 | | | |
| 40 | 101 | 98.4 | 89.3 | 77.1 | 67.0 | 78.9 | 92.5 | 103 | 106 | 102 | 91.8 | 77.9 | 65.9 | 75.4 | 88.0 | 97.5 | | | |
| 45 | 100 | 96.9 | 86.7 | 72.9 | 61.3 | 74.7 | 90.0 | 101 | 105 | 101 | 89.3 | 73.6 | 60.0 | 71.1 | 85.3 | 96.1 | | | |
| 50 | 98.5 | 94.8 | 83.6 | 68.3 | 55.2 | 70.1 | 86.9 | 99.4 | 104 | 99.0 | 86.2 | 69.1 | 53.9 | 66.3 | 82.2 | 94.0 | | | |
| 55 | 96.1 | 92.0 | 80.0 | 63.4 | 48.9 | 65.2 | 83.3 | 96.7 | 102 | 96.5 | 82.7 | 64.2 | 47.6 | 61.4 | 78.5 | 91.3 | | | |
| 60 | 93.1 | 88.7 | 75.8 | 58.2 | 42.3 | 59.9 | 79.1 | 93.4 | 98.7 | 93.3 | 78.6 | 59.0 | 41.1 | 56.3 | 74.6 | 88.2 | | | |
| 65 | 89.6 | 84.8 | 71.3 | 52.8 | 35.7 | 54.4 | 74.4 | 89.5 | 95.2 | 89.5 | 74.1 | 53.6 | 34.5 | 51.0 | 70.2 | 84.4 | | | |
| 70 | 85.6 | 80.6 | 66.2 | 47.1 | 29.0 | 48.6 | 69.2 | 85.0 | 91.1 | 85.2 | 69.3 | 47.9 | 28.0 | 45.5 | 65.0 | 79.9 | | | |
| 75 | 80.4 | 75.7 | 60.9 | 41.3 | 22.4 | 42.6 | 63.7 | 80.0 | 86.3 | 80.4 | 64.0 | 42.1 | 21.5 | 39.5 | 59.8 | 75.1 | | | |
| 80 | 75.0 | 70.1 | 55.4 | 35.3 | 15.9 | 36.4 | 57.9 | 74.4 | 81.0 | 75.0 | 58.4 | 36.1 | 15.0 | 33.6 | 54.3 | 69.7 | | | |
| 85 | 69.2 | 64.1 | 49.6 | 29.3 | 9.34 | 30.0 | 51.8 | 68.5 | 75.1 | 69.1 | 52.5 | 30.0 | 8.56 | 27.6 | 48.4 | 64.0 | | | |
| 90 | 64.2 | 58.9 | 44.1 | 23.9 | 3.37 | 24.7 | 46.8 | 63.5 | 69.9 | 64.1 | 47.5 | 24.9 | 2.73 | 22.5 | 43.4 | 58.9 | | | |
| 95 | 61.9 | 56.8 | 42.5 | 23.1 | 3.35 | 23.9 | 45.3 | 61.4 | 67.4 | 61.9 | 45.9 | 24.0 | 2.60 | 19.9 | 41.9 | 56.8 | | | |
| 100 | 60.3 | 55.3 | 41.2 | 19.0 | 3.44 | 22.7 | 43.9 | 59.5 | 65.4 | 60.0 | 44.4 | 22.6 | 2.57 | 15.1 | 36.8 | 55.3 | | | |
| 105 | 57.8 | 52.4 | 36.3 | 16.1 | 3.54 | 20.5 | 41.8 | 56.9 | 62.7 | 57.4 | 42.1 | 20.3 | 2.58 | 13.3 | 33.1 | 47.2 | | | |
| 110 | 52.6 | 47.0 | 32.6 | 14.6 | 3.63 | 18.2 | 38.6 | 53.5 | 59.1 | 53.9 | 38.9 | 17.9 | 2.62 | 12.6 | 31.8 | 45.4 | | | |
| 115 | 48.0 | 42.9 | 29.1 | 13.2 | 3.64 | 15.8 | 34.9 | 49.1 | 54.5 | 49.4 | 35.0 | 15.5 | 2.70 | 11.9 | 27.0 | 41.6 | | | |
| 120 | 43.4 | 38.7 | 26.3 | 11.2 | 3.64 | 13.4 | 31.0 | 44.1 | 49.2 | 44.4 | 31.1 | 13.1 | 2.75 | 10.6 | 24.6 | 37.1 | | | |
| 125 | 38.6 | 34.4 | 22.2 | 9.72 | 3.64 | 10.8 | 27.1 | 39.0 | 43.6 | 39.2 | 27.1 | 10.4 | 2.80 | 8.72 | 21.0 | 31.5 | | | |
| 130 | 33.9 | 30.2 | 18.2 | 8.12 | 3.62 | 8.64 | 23.2 | 33.9 | 38.0 | 33.9 | 23.1 | 8.23 | 2.86 | 7.02 | 17.0 | 28.5 | | | |
| 135 | 29.0 | 26.0 | 15.3 | 6.63 | 3.58 | 6.71 | 19.3 | 28.7 | 32.4 | 28.8 | 19.2 | 6.38 | 2.93 | 5.59 | 14.1 | 24.2 | | | |
| 140 | 24.0 | 20.9 | 12.1 | 5.37 | 3.54 | 5.06 | 15.2 | 23.6 | 26.8 | 23.6 | 15.1 | 4.80 | 2.99 | 4.50 | 11.4 | 19.9 | | | |
| 145 | 19.4 | 15.5 | 9.39 | 4.35 | 3.48 | 3.75 | 11.4 | 18.6 | 21.3 | 18.6 | 11.3 | 3.55 | 3.05 | 3.68 | 8.82 | 15.0 | | | |
| 150 | 15.3 | 11.3 | 7.19 | 3.56 | 3.46 | 3.41 | 8.21 | 13.5 | 15.8 | 13.5 | 8.23 | 3.16 | 3.09 | 3.21 | 6.64 | 11.3 | | | |
| 155 | 11.3 | 8.02 | 5.24 | 3.34 | 3.41 | 3.34 | 5.47 | 9.33 | 10.1 | 9.39 | 5.59 | 3.16 | 3.14 | 3.20 | 4.96 | 7.83 | | | |
| 160 | 7.55 | 5.44 | 3.88 | 3.27 | 3.32 | 3.27 | 3.50 | 5.85 | 6.76 | 5.93 | 3.56 | 3.20 | 3.21 | 3.23 | 3.75 | 5.32 | | | |
| 165 | 4.43 | 3.71 | 3.30 | 3.23 | 3.25 | 3.26 | 3.32 | 3.46 | 3.84 | 3.47 | 3.33 | 3.25 | 3.27 | 3.28 | 3.40 | 3.71 | | | |
| 170 | 3.32 | 3.32 | 3.32 | 3.28 | 3.23 | 3.30 | 3.36 | 3.42 | 3.27 | 3.35 | 3.37 | 3.29 | 3.32 | 3.32 | 3.43 | 3.47 | | | |
| 175 | 3.32 | 3.43 | 3.36 | 3.34 | 3.29 | 3.36 | 3.41 | 3.46 | 3.32 | 3.38 | 3.40 | 3.32 | 3.34 | 3.36 | 3.44 | 3.48 | | | |
| 180 | 3.34 | 3.43 | 3.39 | 3.36 | 3.33 | 3.38 | 3.44 | 3.49 | 3.34 | 3.41 | 3.41 | 3.34 | 3.35 | 3.38 | 3.45 | 3.49 | | | |

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:2024-10-12

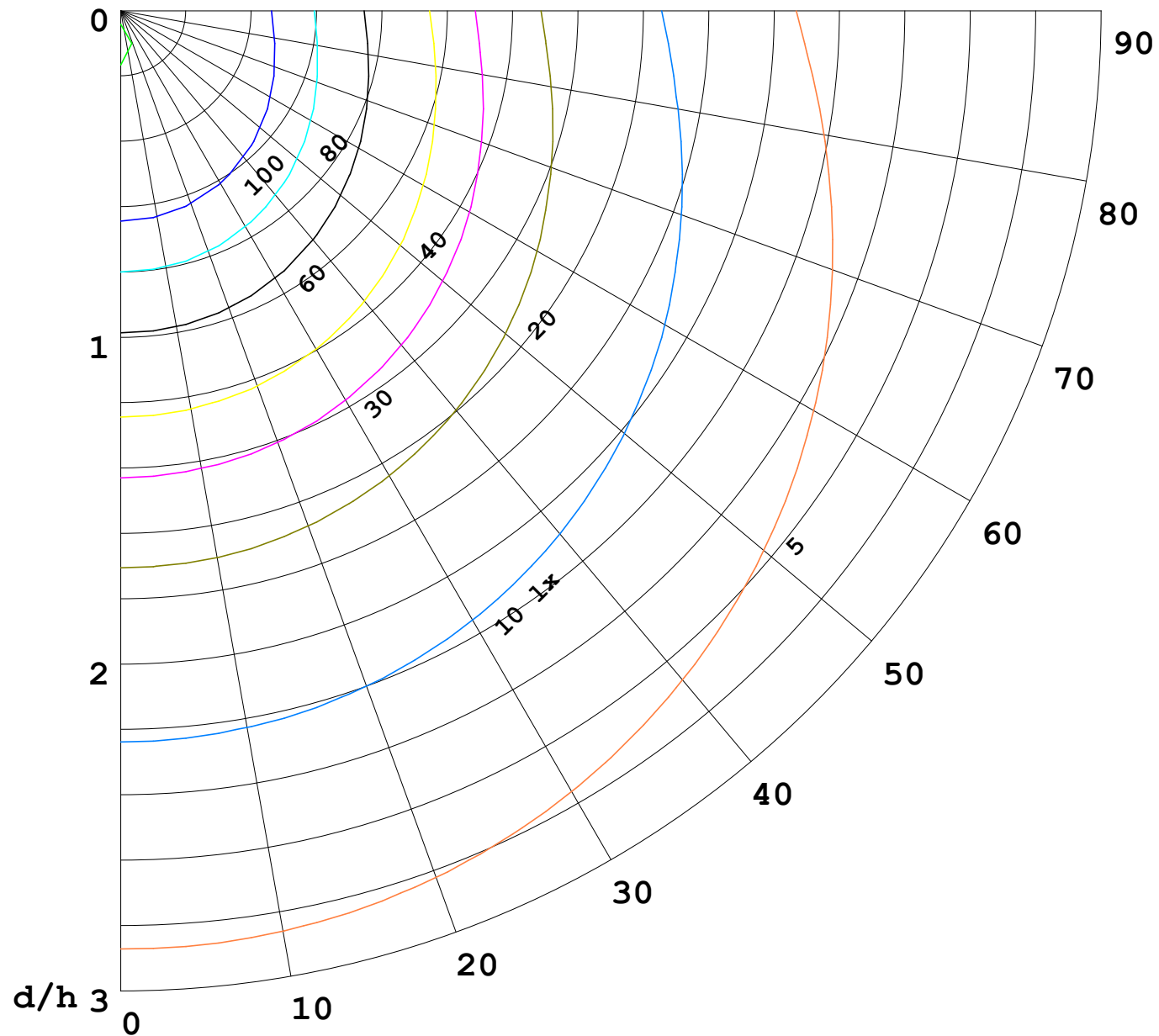
γ角度范围： 0度 - 180度
γ角度间隔： 1.0度
测试系统： 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488
环境湿度:65.0%
测试距离:6.360米 [K=1.0000]
备注： ALL

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 |

