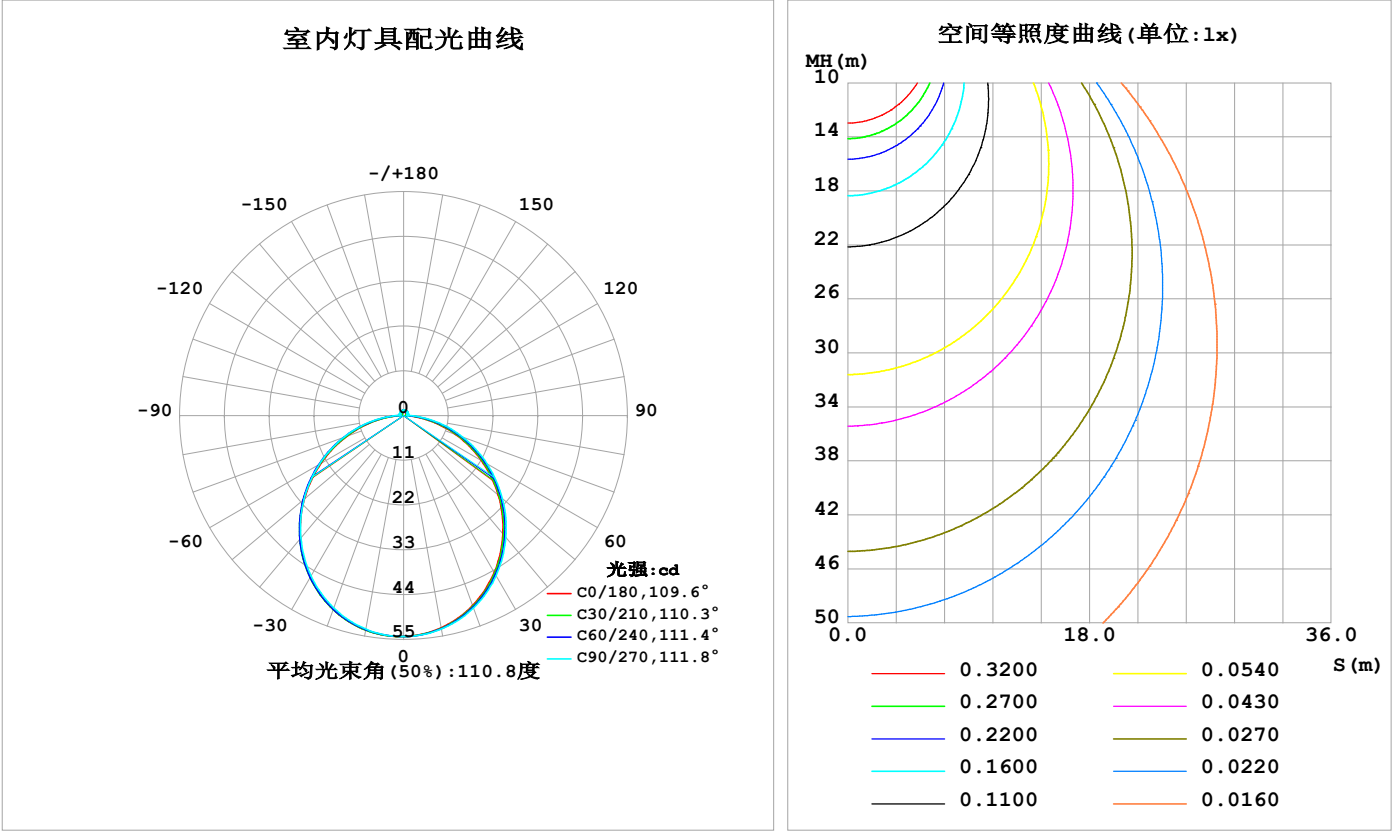


室内灯具光度数据

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 28.47 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号 | 5050 | 峰值光强(cd) | 54.28 | S/MH(C0/180) | 1.26 | |
| 标称功率(W) | | 灯具效率(%) | 100.0 | S/MH(C90/270) | 1.25 | |
| 额定电源电压(V) | 24 | 总光通量(lm) | 160.50 | η UP,DN(C0-180) | 2.0,47.7 | |
| 额定光通量(lm) | 160.497 | CIE分类 | 直接 | η UP,DN(C180-360) | 2.0,48.3 | |
| 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: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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

灯具环带光通量

环带光通量：

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ(°) | Φ环 | Φ总 | %lum, lamp |
|------|--------|--------|--------|--------|--------|--------|-------|--------|---------|--------|-------|------------|
| 10 | 52.95 | 53.12 | 53.25 | 53.46 | 53.52 | 53.47 | 53.28 | 53.11 | 0- 10 | 5.134 | 5.134 | 3.2,3.2 |
| 20 | 49.61 | 49.93 | 50.27 | 50.61 | 50.66 | 50.64 | 50.29 | 49.96 | 10- 20 | 14.67 | 19.81 | 12.3,12.3 |
| 30 | 44.52 | 44.93 | 45.43 | 45.87 | 45.88 | 45.95 | 45.51 | 45.00 | 20- 30 | 22.14 | 41.94 | 26.1,26.1 |
| 40 | 37.98 | 38.46 | 39.08 | 39.55 | 39.46 | 39.68 | 39.28 | 38.58 | 30- 40 | 26.51 | 68.45 | 42.6,42.6 |
| 50 | 30.34 | 30.93 | 31.67 | 32.02 | 31.83 | 32.19 | 31.92 | 31.08 | 40- 50 | 27.29 | 95.74 | 59.7,59.7 |
| 60 | 22.06 | 22.77 | 23.65 | 23.70 | 23.43 | 23.91 | 23.91 | 22.94 | 50- 60 | 24.55 | 120.3 | 75,75 |
| 70 | 13.58 | 14.42 | 15.43 | 15.15 | 14.78 | 15.35 | 15.68 | 14.60 | 60- 70 | 18.90 | 139.2 | 86.7,86.7 |
| 80 | 5.522 | 6.444 | 7.498 | 6.957 | 6.544 | 7.169 | 7.732 | 6.583 | 70- 80 | 11.37 | 150.6 | 93.8,93.8 |
| 90 | 0.5892 | 0.7514 | 0.9167 | 0.7621 | 0.5601 | 0.8189 | 1.024 | 0.8064 | 80- 90 | 3.628 | 154.2 | 96.1,96.1 |
| 100 | 0.6499 | 0.7882 | 0.9802 | 0.8276 | 0.6327 | 0.8548 | 1.058 | 0.8521 | 90-100 | 0.8686 | 155.1 | 96.6,96.6 |
| 110 | 0.7631 | 0.8677 | 1.035 | 0.9239 | 0.7284 | 0.9415 | 1.121 | 0.9440 | 100-110 | 0.9234 | 156.0 | 97.2,97.2 |
| 120 | 0.8734 | 0.9676 | 1.090 | 1.014 | 0.8242 | 1.009 | 1.145 | 0.9972 | 110-120 | 0.9475 | 156.9 | 97.8,97.8 |
| 130 | 0.9952 | 1.078 | 1.153 | 1.086 | 0.9142 | 1.069 | 1.173 | 1.061 | 120-130 | 0.9255 | 157.9 | 98.4,98.4 |
| 140 | 1.079 | 1.151 | 1.217 | 1.160 | 1.004 | 1.125 | 1.202 | 1.096 | 130-140 | 0.8503 | 158.7 | 98.9,98.9 |
| 150 | 1.146 | 1.215 | 1.283 | 1.223 | 1.103 | 1.185 | 1.245 | 1.157 | 140-150 | 0.7292 | 159.4 | 99.3,99.3 |
| 160 | 1.233 | 1.274 | 1.332 | 1.280 | 1.199 | 1.252 | 1.282 | 1.231 | 150-160 | 0.5676 | 160.0 | 99.7,99.7 |
| 170 | 1.285 | 1.325 | 1.350 | 1.331 | 1.277 | 1.306 | 1.317 | 1.303 | 160-170 | 0.3642 | 160.4 | 99.9,99.9 |
| 180 | 1.317 | 1.336 | 1.352 | 1.345 | 1.309 | 1.339 | 1.352 | 1.343 | 170-180 | 0.1264 | 160.5 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：82.228 lm

%lum = 51.2%
%lamp = 51.2%

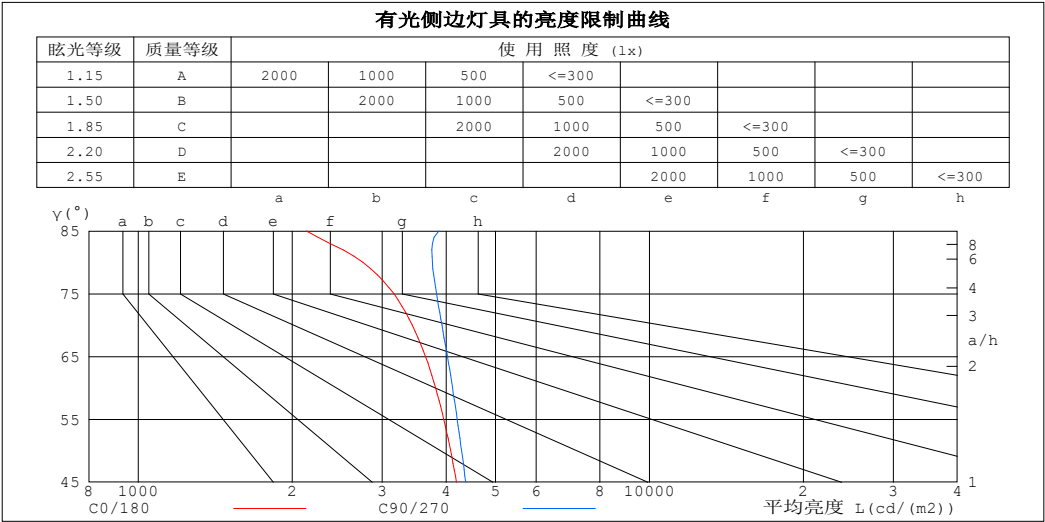
锥面光通量(130度)：130.6 lm

%lum = 81.4%
%lamp = 81.4%

| | |
|--|--|
| C角度范围： 0度 - 360度 C角度间隔：30.0度 测试速度：快速 环境温度:25.3℃ 测试人员： 测试日期:2025-03-06 | γ角度范围： 0度 - 180度 γ角度间隔： 1.0度 测试系统：远方(EVERFINE) GO-2000B_V1 系统 V2.00.488 环境湿度:65.0% 测试距离:6.360米 [K=1.0000] 备注： |
|--|--|

灯具亮度限制曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |



| 平均亮度值 cd/(m2) | | |
|---------------|--------|---------|
| γ (°) | C0/180 | C90/270 |
| 85 | 2132 | 3872 |
| 80 | 2750 | 3759 |
| 75 | 3161 | 3833 |
| 70 | 3435 | 3927 |
| 65 | 3645 | 4024 |
| 60 | 3816 | 4118 |
| 55 | 3958 | 4206 |
| 50 | 4082 | 4290 |
| 45 | 4190 | 4367 |

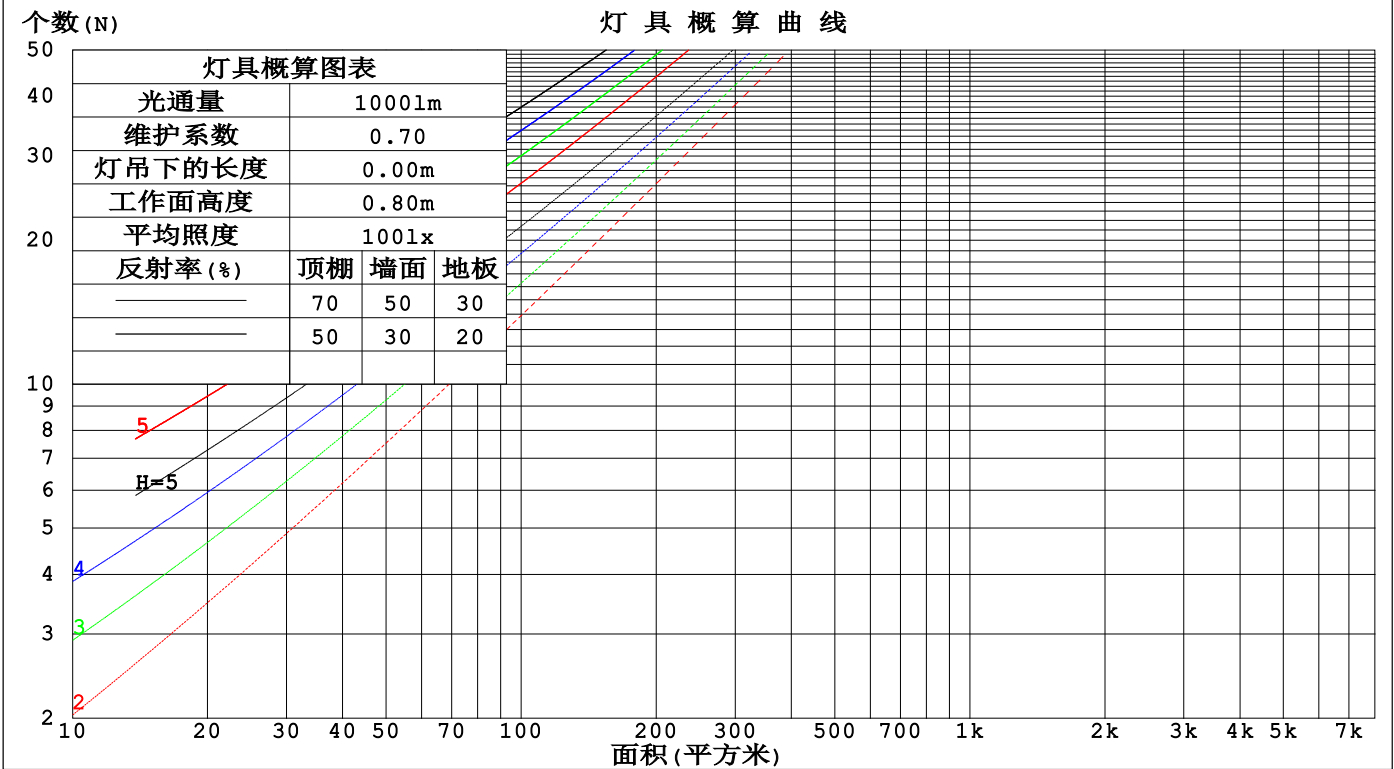
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-03-06

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

工作面利用系数和灯具概算曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| | | | | | | | | | | | | | | | | |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| 顶棚 | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| 墙面 | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| 地板 | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| 室空间比 | 工 作 面 利 用 系 数 | | | | | | | | | | | | | | | |
| 0.0 | 1.18 | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.09 | 1.09 | 1.09 | 1.03 | 1.03 | 1.03 | .98 | .98 | .98 | .96 |
| 1.0 | 1.03 | .98 | .94 | 1.00 | .96 | .93 | .95 | .92 | .89 | .91 | .88 | .85 | .86 | .84 | .82 | .80 |
| 2.0 | .89 | .82 | .77 | .87 | .81 | .75 | .83 | .78 | .73 | .79 | .75 | .71 | .76 | .72 | .69 | .66 |
| 3.0 | .78 | .70 | .64 | .77 | .69 | .63 | .73 | .66 | .61 | .70 | .64 | .60 | .67 | .62 | .58 | .56 |
| 4.0 | .69 | .61 | .54 | .68 | .60 | .53 | .65 | .58 | .52 | .62 | .56 | .51 | .59 | .54 | .50 | .48 |
| 5.0 | .62 | .53 | .46 | .61 | .52 | .46 | .58 | .51 | .45 | .56 | .49 | .44 | .53 | .48 | .43 | .41 |
| 6.0 | .56 | .47 | .40 | .55 | .46 | .40 | .52 | .45 | .39 | .50 | .44 | .39 | .48 | .43 | .38 | .36 |
| 7.0 | .51 | .42 | .36 | .50 | .41 | .35 | .48 | .40 | .35 | .46 | .39 | .34 | .44 | .38 | .34 | .32 |
| 8.0 | .46 | .38 | .32 | .45 | .37 | .32 | .44 | .36 | .31 | .42 | .35 | .31 | .41 | .35 | .30 | .28 |
| 9.0 | .42 | .34 | .29 | .42 | .34 | .28 | .40 | .33 | .28 | .39 | .32 | .28 | .37 | .32 | .27 | .25 |
| 10.0 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .25 | .36 | .30 | .25 | .35 | .29 | .25 | .23 |



C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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

墙面和天花板利用系数

| | | | | | |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | | | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | | | 灯具类型: | | 灯具重量: |
| 灯具规格: | | | 外型尺寸: Length=1m | | 测试编号: |
| 制造厂商: OLympia lighting | | | 发光口面: | | 遮光角: |

| | | | | | | | | | | | | | | | | |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 顶棚 | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| 墙面 | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| 地板 | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| 室空间比 | 墙 壁 面 利 用 系 数 | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .314 | .178 | .057 | .305 | .174 | .055 | .290 | .166 | .053 | .276 | .159 | .051 | .263 | .152 | .049 | |
| 2.0 | .293 | .160 | .049 | .286 | .157 | .048 | .272 | .151 | .047 | .259 | .145 | .045 | .247 | .140 | .044 | |
| 3.0 | .270 | .144 | .043 | .264 | .141 | .042 | .251 | .136 | .041 | .240 | .131 | .040 | .229 | .127 | .039 | |
| 4.0 | .249 | .129 | .038 | .243 | .127 | .038 | .232 | .123 | .037 | .222 | .119 | .036 | .212 | .115 | .035 | |
| 5.0 | .230 | .117 | .034 | .224 | .115 | .034 | .215 | .112 | .033 | .205 | .108 | .032 | .197 | .105 | .032 | |
| 6.0 | .213 | .107 | .031 | .208 | .105 | .030 | .199 | .102 | .030 | .191 | .099 | .029 | .183 | .097 | .029 | |
| 7.0 | .198 | .098 | .028 | .194 | .097 | .028 | .186 | .094 | .027 | .178 | .091 | .027 | .171 | .089 | .026 | |
| 8.0 | .185 | .090 | .025 | .181 | .089 | .025 | .174 | .087 | .025 | .167 | .085 | .024 | .161 | .083 | .024 | |
| 9.0 | .173 | .084 | .023 | .170 | .083 | .023 | .163 | .081 | .023 | .157 | .079 | .023 | .151 | .077 | .022 | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .154 | .075 | .021 | .148 | .074 | .021 | .143 | .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 | .129 | .129 | .129 | .074 | .074 | .074 | .024 | .024 | .024 | |
| 1.0 | .211 | .186 | .164 | .180 | .160 | .141 | .123 | .110 | .098 | .071 | .064 | .057 | .023 | .020 | .018 | |
| 2.0 | .203 | .162 | .128 | .174 | .140 | .111 | .119 | .097 | .077 | .069 | .056 | .045 | .022 | .018 | .015 | |
| 3.0 | .195 | .145 | .105 | .167 | .125 | .091 | .115 | .087 | .064 | .066 | .051 | .038 | .021 | .016 | .012 | |
| 4.0 | .187 | .132 | .089 | .161 | .114 | .077 | .111 | .079 | .054 | .064 | .046 | .032 | .021 | .015 | .011 | |
| 5.0 | .180 | .121 | .078 | .155 | .105 | .068 | .106 | .073 | .048 | .062 | .043 | .028 | .020 | .014 | .009 | |
| 6.0 | .173 | .113 | .070 | .149 | .098 | .061 | .102 | .069 | .043 | .059 | .040 | .026 | .019 | .013 | .008 | |
| 7.0 | .166 | .106 | .064 | .143 | .092 | .056 | .099 | .065 | .040 | .057 | .038 | .024 | .019 | .012 | .008 | |
| 8.0 | .160 | .100 | .060 | .137 | .087 | .052 | .095 | .061 | .037 | .055 | .036 | .022 | .018 | .012 | .007 | |
| 9.0 | .154 | .096 | .056 | .132 | .083 | .049 | .092 | .058 | .035 | .053 | .034 | .021 | .017 | .011 | .007 | |
| 10.0 | .148 | .091 | .054 | .127 | .079 | .047 | .088 | .056 | .033 | .052 | .033 | .020 | .017 | .011 | .007 | |

| | |
|--|---|
| C角度范围: 0度 - 360度 C角度间隔: 30.0度 测试速度: 快速 环境温度: 25.3℃ 测试人员: 测试日期: 2025-03-06 | 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: |
|--|---|

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|---|-----|---------------|----------------------|------|-----------------|------|---------------|--------------------|------|------|------|-----|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | | | | | | | | | | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: | | | | | 外型尺寸: Length=1m | | | 测试编号: | | | | |
| 制造厂商: OLympia lighting | | | | | 发光口面: | | | 遮光角: | | | | |
| 反射比: | | 天花板 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| | | 墙面 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| | | 工作面 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 房间尺寸 | | | 横向(Viewed crosswise) | | | | | 纵向(Viewed endwise) | | | | |
| x = 2H y = 2H | 2H | 23.5 | 25.0 | 23.8 | 25.2 | 25.5 | 23.8 | 25.2 | 24.1 | 25.5 | 25.8 | |
| | 3H | 24.9 | 26.3 | 25.3 | 26.6 | 26.9 | 25.4 | 26.7 | 25.7 | 27.0 | 27.4 | |
| | 4H | 25.5 | 26.8 | 25.9 | 27.1 | 27.5 | 26.1 | 27.4 | 26.5 | 27.7 | 28.0 | |
| | 6H | 25.9 | 27.1 | 26.3 | 27.5 | 27.8 | 26.6 | 27.9 | 27.0 | 28.2 | 28.6 | |
| | 8H | 26.0 | 27.2 | 26.4 | 27.5 | 27.9 | 26.9 | 28.0 | 27.3 | 28.4 | 28.8 | |
| | 12H | 26.1 | 27.2 | 26.5 | 27.6 | 27.9 | 27.0 | 28.1 | 27.4 | 28.5 | 28.9 | |
| 4H | 2H | 24.1 | 25.4 | 24.5 | 25.7 | 26.1 | 24.3 | 25.6 | 24.7 | 25.9 | 26.3 | |
| | 3H | 25.8 | 26.9 | 26.2 | 27.2 | 27.6 | 26.1 | 27.3 | 26.5 | 27.6 | 28.0 | |
| | 4H | 26.5 | 27.5 | 26.9 | 27.9 | 28.3 | 27.0 | 28.0 | 27.4 | 28.4 | 28.8 | |
| | 6H | 27.0 | 27.9 | 27.4 | 28.3 | 28.8 | 27.7 | 28.6 | 28.1 | 29.0 | 29.4 | |
| | 8H | 27.1 | 28.0 | 27.6 | 28.4 | 28.9 | 27.9 | 28.8 | 28.4 | 29.2 | 29.7 | |
| | 12H | 27.2 | 28.0 | 27.7 | 28.5 | 28.9 | 28.2 | 28.9 | 28.7 | 29.4 | 29.9 | |
| 8H | 4H | 26.8 | 27.6 | 27.2 | 28.0 | 28.5 | 27.2 | 28.1 | 27.7 | 28.5 | 29.0 | |
| | 6H | 27.4 | 28.1 | 27.9 | 28.6 | 29.1 | 28.1 | 28.8 | 28.6 | 29.3 | 29.8 | |
| | 8H | 27.7 | 28.3 | 28.2 | 28.8 | 29.3 | 28.4 | 29.1 | 29.0 | 29.6 | 30.1 | |
| | 12H | 27.8 | 28.4 | 28.4 | 28.9 | 29.4 | 28.8 | 29.3 | 29.3 | 29.8 | 30.4 | |
| 12H | 4H | 26.8 | 27.6 | 27.3 | 28.0 | 28.5 | 27.2 | 28.0 | 27.7 | 28.4 | 28.9 | |
| | 6H | 27.5 | 28.1 | 28.0 | 28.6 | 29.2 | 28.1 | 28.7 | 28.6 | 29.2 | 29.8 | |
| | 8H | 27.8 | 28.3 | 28.3 | 28.8 | 29.4 | 28.5 | 29.1 | 29.1 | 29.6 | 30.2 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 0.2 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | | + 0.2 / - 0.3 | | | | | + 0.1 / - 0.2 | | | | | |

依据CIE Pub.117计算, 160.51m光源光通表格中的数据需要进行修正(8log(F/F0) = -6.4)。
出光口面积: 0.0115 m2

| | |
|------------------|---|
| C角度范围: 0度 - 360度 | γ角度范围: 0度 - 180度 |
| C角度间隔: 30.0度 | γ角度间隔: 1.0度 |
| 测试速度: 快速 | 测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488 |
| 环境温度:25.3℃ | 环境湿度:65.0% |
| 测试人员: | 测试距离:6.360米 [K=1.0000] |
| 测试日期:2025-03-06 | 备注: |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

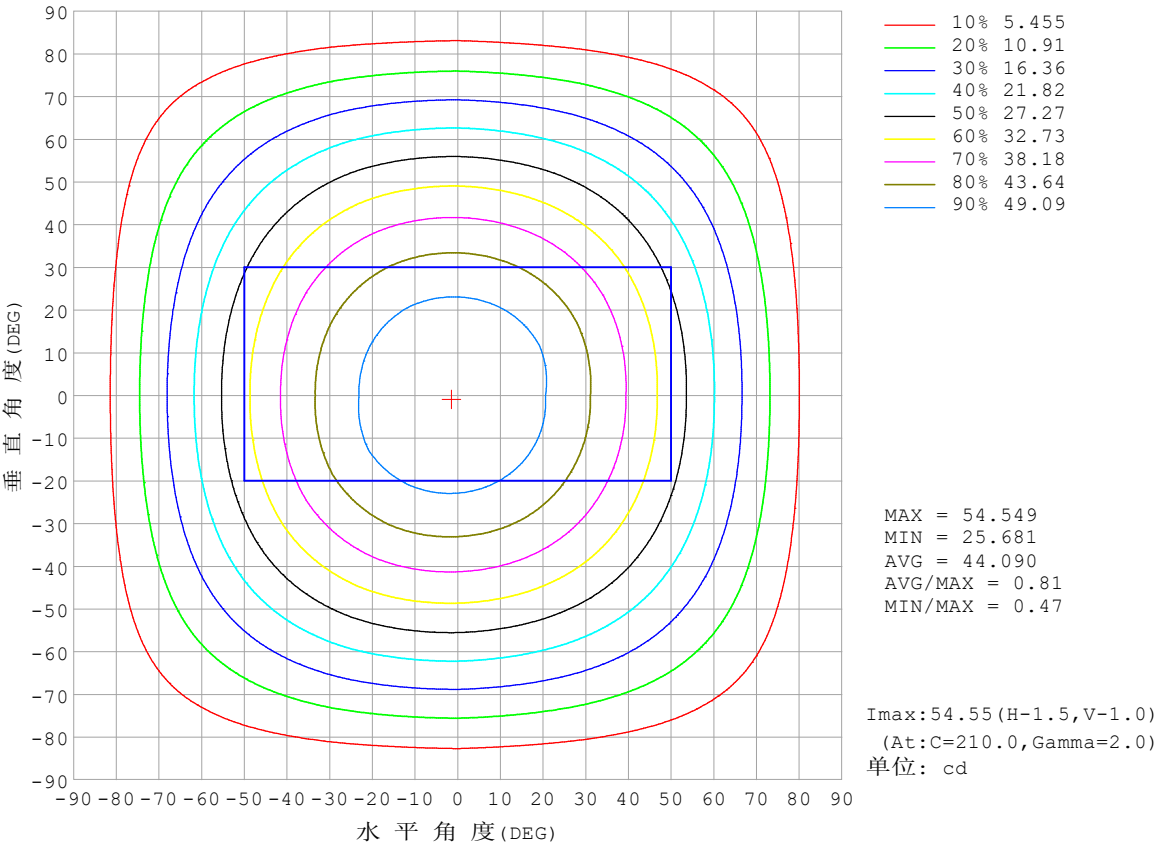
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|----------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| 室形指数 | 利用系数 UTILIZATION FACTORS(%) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 56 | 45 | 38 | 55 | 44 | 38 | 54 | 44 | 37 | 31 |
| 0.80 | 66 | 55 | 47 | 65 | 54 | 47 | 63 | 53 | 46 | 39 |
| 1.00 | 75 | 63 | 56 | 73 | 63 | 56 | 71 | 64 | 55 | 47 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 63 | 77 | 68 | 62 | 54 |
| 1.50 | 87 | 76 | 69 | 85 | 75 | 69 | 81 | 73 | 67 | 59 |
| 2.00 | 93 | 85 | 78 | 91 | 83 | 77 | 87 | 81 | 75 | 67 |
| 2.50 | 97 | 89 | 83 | 95 | 88 | 82 | 91 | 85 | 80 | 71 |
| 3.00 | 101 | 94 | 88 | 98 | 92 | 87 | 94 | 88 | 84 | 75 |
| 4.00 | 105 | 99 | 94 | 102 | 97 | 92 | 97 | 93 | 89 | 79 |
| 5.00 | 107 | 102 | 98 | 105 | 100 | 96 | 99 | 96 | 93 | 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: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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

灯 具 等 光 强 曲 线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

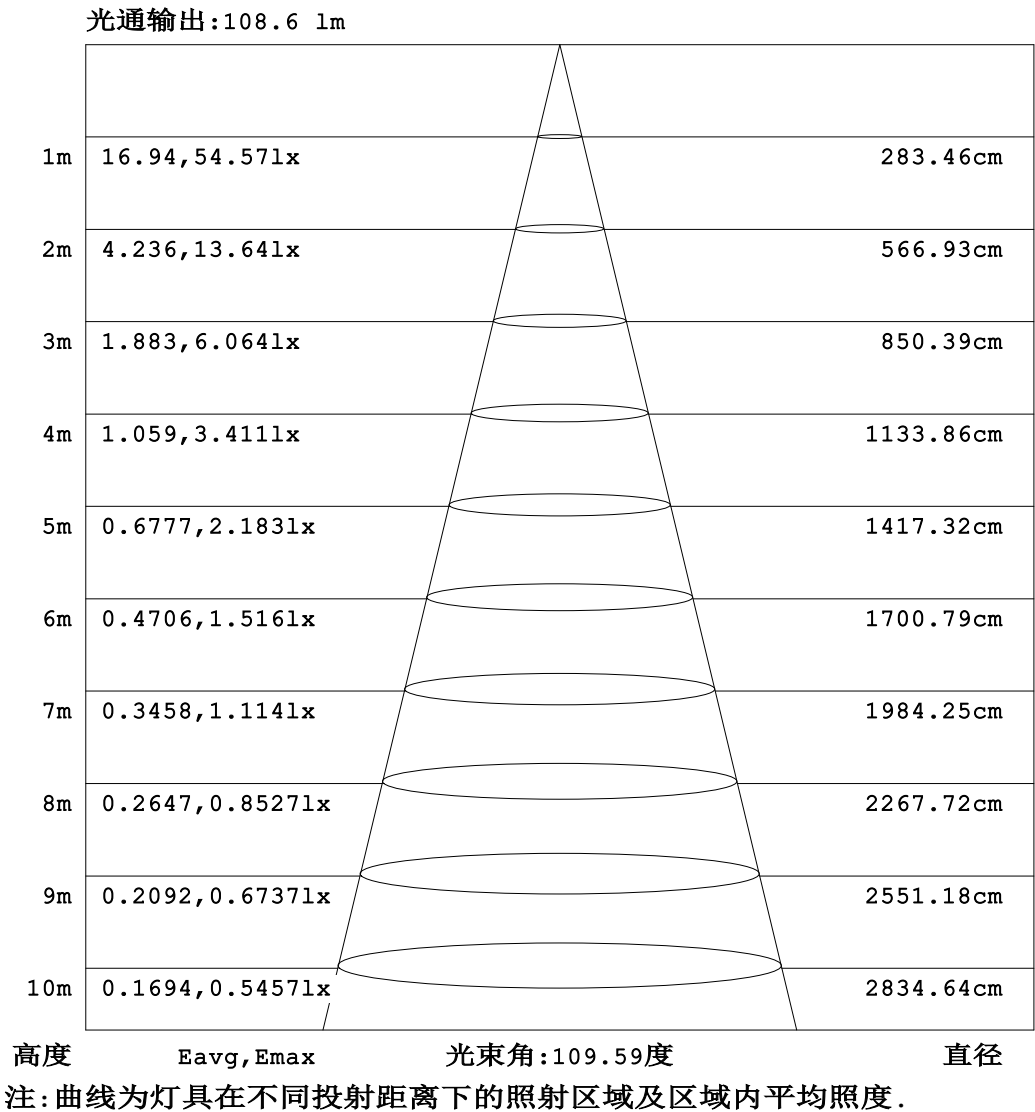


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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

灯 具 有 效 平 均 照 度 图

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

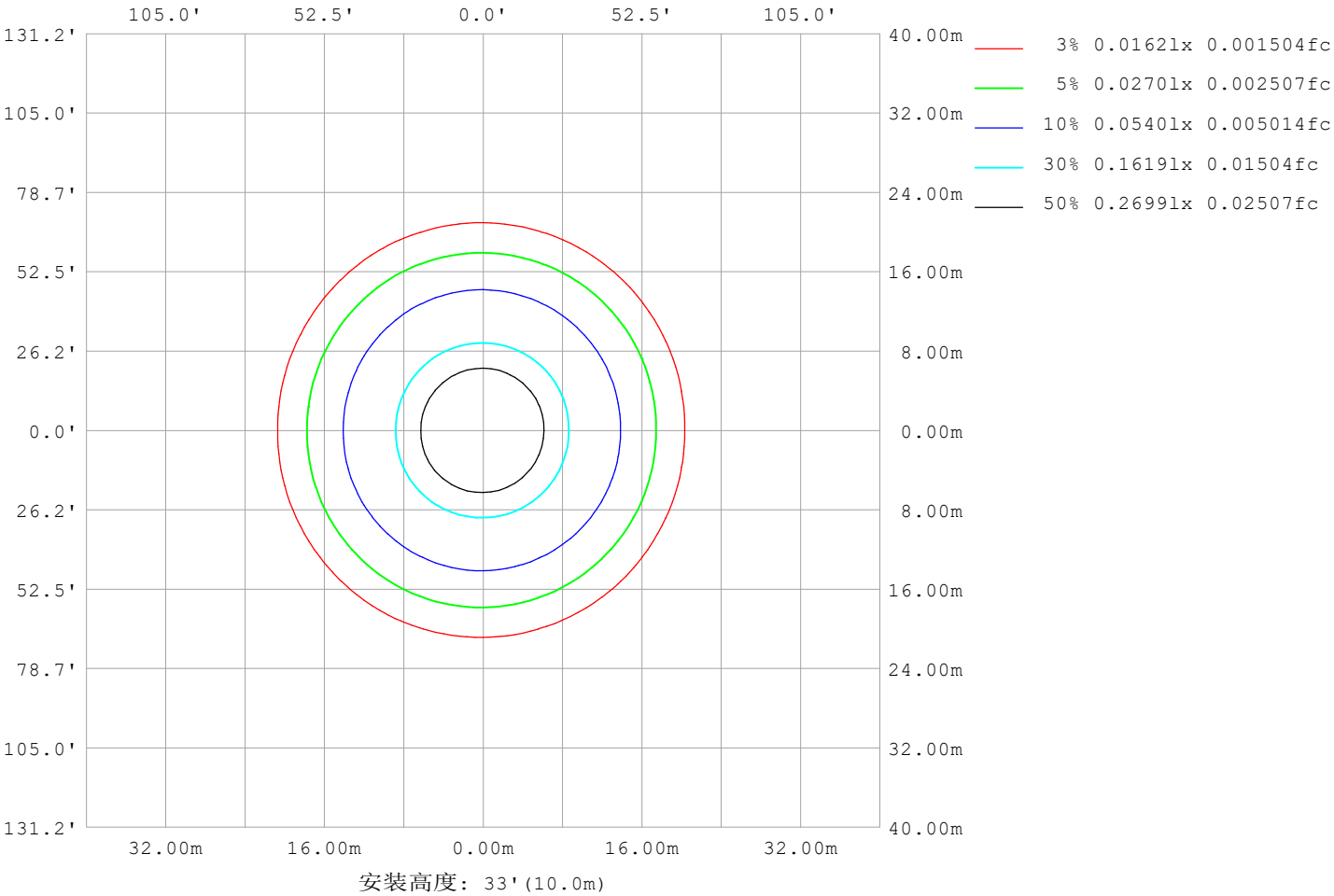


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-03-06

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

平面等照度曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |



C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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

LED筒灯平均亮度报告

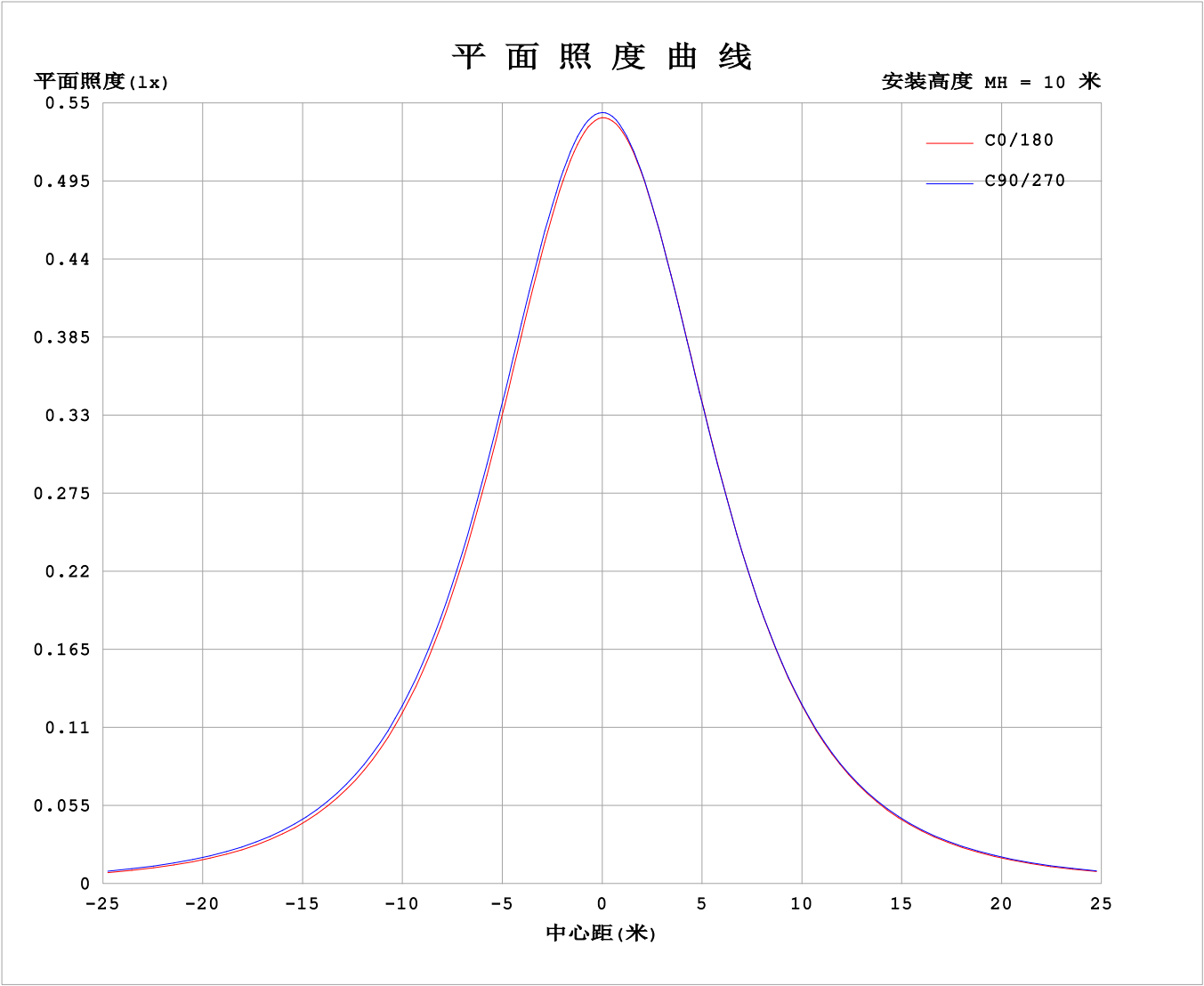
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 3798 |
| L横 (75) av | 3364 |
| L横 (85) av | 2495 |
| L纵 (65) av | 4047 |
| L纵 (75) av | 3867 |
| L纵 (85) av | 3962 |
| L45 (65) av | 3932 |
| L45 (75) av | 3613 |
| L45 (85) av | 3091 |

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: 30.0度 测试速度: 快速 环境温度:25.3℃ 测试人员: 测试日期:2025-03-06 | γ角度范围: 0度 - 180度 γ角度间隔: 1.0度 测试系统: 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488 环境湿度:65.0% 测试距离:6.360米 [K=1.0000] 备注: |
|--|---|

平面照度曲线



C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-03-06

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:

光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.2349A P:5.638W PF:1.000 Freq:0Hz 实检光通: 160.497x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称: SF15-24V-5050-70-SPI-RGBW(4000K)-W | | | | | | | | | 灯具类型: | | | | | | 灯具重量: | | |
| 灯具规格: | | | | | | | | | 外型尺寸: Length=1m | | | | | | 测试编号: | | |
| 制造厂商: OLympia lighting | | | | | | | | | 发光口面: | | | | | | 遮光角: | | |

表--1

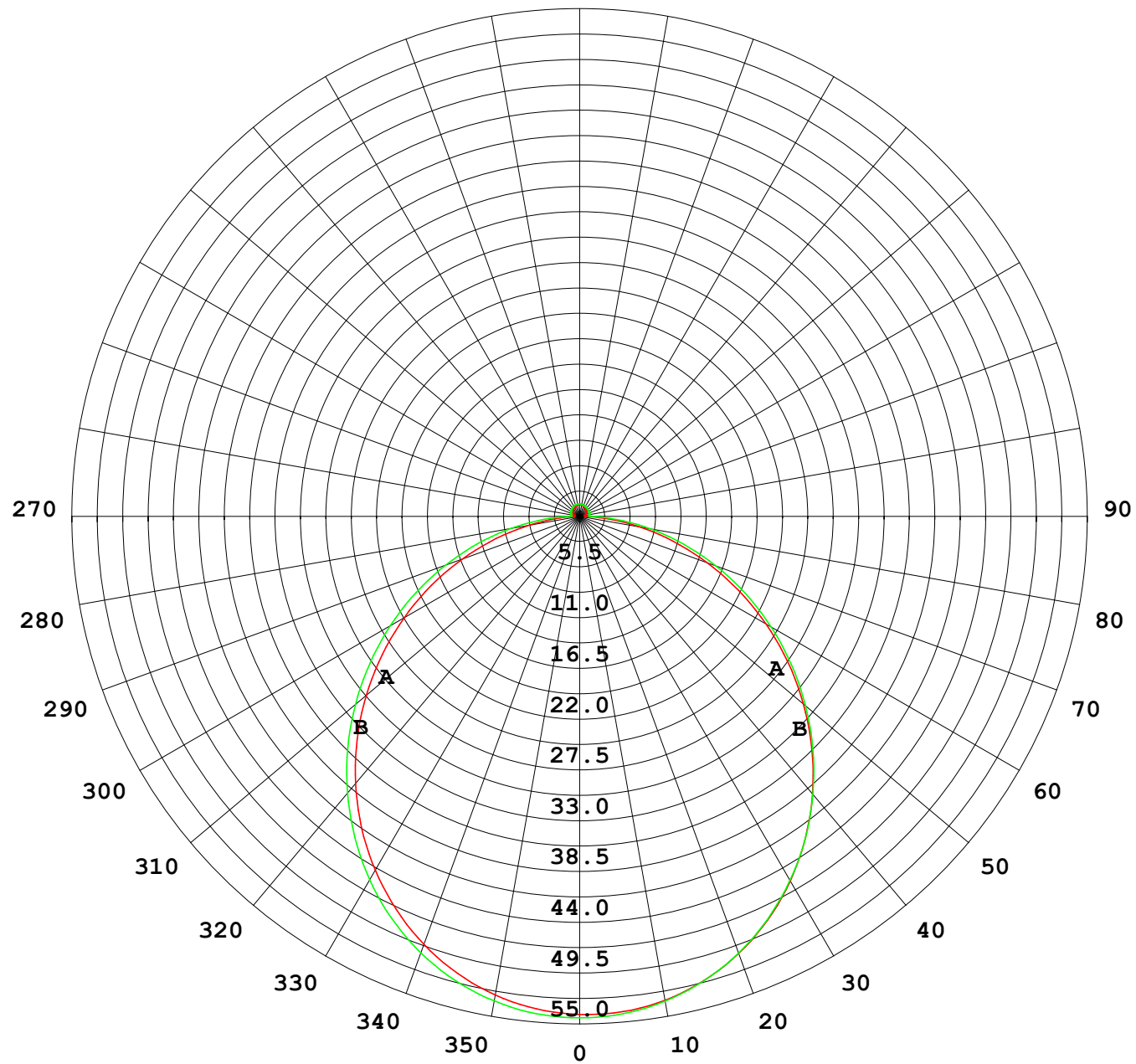
单位: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | | | | | | |
| 5 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.1 | 54.0 | 54.0 | 53.9 | | | | | | |
| 10 | 52.9 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.4 | 53.3 | 53.2 | 53.1 | | | | | | |
| 15 | 51.5 | 51.7 | 51.8 | 52.0 | 52.2 | 52.3 | 52.3 | 52.4 | 52.3 | 52.0 | 51.9 | 51.7 | | | | | | |
| 20 | 49.6 | 49.8 | 50.0 | 50.3 | 50.6 | 50.7 | 50.7 | 50.7 | 50.6 | 50.3 | 50.1 | 49.8 | | | | | | |
| 25 | 47.3 | 47.5 | 47.8 | 48.1 | 48.4 | 48.5 | 48.5 | 48.5 | 48.5 | 48.1 | 47.9 | 47.5 | | | | | | |
| 30 | 44.5 | 44.8 | 45.1 | 45.4 | 45.8 | 45.9 | 45.9 | 46.0 | 45.9 | 45.5 | 45.2 | 44.8 | | | | | | |
| 35 | 41.4 | 41.7 | 42.1 | 42.4 | 42.9 | 42.9 | 42.8 | 43.0 | 42.9 | 42.6 | 42.2 | 41.7 | | | | | | |
| 40 | 38.0 | 38.2 | 38.7 | 39.1 | 39.5 | 39.6 | 39.5 | 39.7 | 39.7 | 39.3 | 38.8 | 38.3 | | | | | | |
| 45 | 34.3 | 34.6 | 35.0 | 35.5 | 35.9 | 35.9 | 35.8 | 36.0 | 36.1 | 35.7 | 35.2 | 34.6 | | | | | | |
| 50 | 30.3 | 30.7 | 31.2 | 31.7 | 32.1 | 32.0 | 31.8 | 32.1 | 32.3 | 31.9 | 31.4 | 30.7 | | | | | | |
| 55 | 26.3 | 26.6 | 27.2 | 27.7 | 28.0 | 27.8 | 27.7 | 28.0 | 28.3 | 28.0 | 27.4 | 26.7 | | | | | | |
| 60 | 22.1 | 22.4 | 23.1 | 23.6 | 23.9 | 23.5 | 23.4 | 23.7 | 24.1 | 23.9 | 23.4 | 22.5 | | | | | | |
| 65 | 17.8 | 18.2 | 19.0 | 19.5 | 19.6 | 19.2 | 19.1 | 19.4 | 19.9 | 19.8 | 19.2 | 18.3 | | | | | | |
| 70 | 13.6 | 14.0 | 14.8 | 15.4 | 15.4 | 14.9 | 14.8 | 15.0 | 15.7 | 15.7 | 15.1 | 14.1 | | | | | | |
| 75 | 9.46 | 9.93 | 10.8 | 11.4 | 11.2 | 10.7 | 10.6 | 10.9 | 11.5 | 11.6 | 11.0 | 10.0 | | | | | | |
| 80 | 5.52 | 6.03 | 6.86 | 7.50 | 7.23 | 6.69 | 6.54 | 6.85 | 7.49 | 7.73 | 7.05 | 6.12 | | | | | | |
| 85 | 2.15 | 2.54 | 3.19 | 3.88 | 3.49 | 2.96 | 2.85 | 3.11 | 3.70 | 4.07 | 3.35 | 2.56 | | | | | | |
| 90 | 0.59 | 0.69 | 0.81 | 0.92 | 0.83 | 0.69 | 0.56 | 0.71 | 0.92 | 1.02 | 0.90 | 0.71 | | | | | | |
| 95 | 0.60 | 0.70 | 0.80 | 0.94 | 0.83 | 0.72 | 0.59 | 0.70 | 0.94 | 1.02 | 0.92 | 0.71 | | | | | | |
| 100 | 0.65 | 0.74 | 0.84 | 0.98 | 0.88 | 0.77 | 0.63 | 0.73 | 0.98 | 1.06 | 0.97 | 0.73 | | | | | | |
| 105 | 0.70 | 0.77 | 0.87 | 1.01 | 0.93 | 0.82 | 0.68 | 0.78 | 1.03 | 1.09 | 1.01 | 0.79 | | | | | | |
| 110 | 0.76 | 0.82 | 0.92 | 1.04 | 0.98 | 0.87 | 0.73 | 0.82 | 1.06 | 1.12 | 1.04 | 0.84 | | | | | | |
| 115 | 0.82 | 0.87 | 0.96 | 1.06 | 1.02 | 0.92 | 0.77 | 0.87 | 1.09 | 1.13 | 1.06 | 0.89 | | | | | | |
| 120 | 0.87 | 0.94 | 1.00 | 1.09 | 1.06 | 0.97 | 0.82 | 0.90 | 1.12 | 1.14 | 1.07 | 0.93 | | | | | | |
| 125 | 0.93 | 1.01 | 1.06 | 1.12 | 1.09 | 1.01 | 0.86 | 0.94 | 1.13 | 1.16 | 1.09 | 0.98 | | | | | | |
| 130 | 1.00 | 1.05 | 1.11 | 1.15 | 1.12 | 1.05 | 0.91 | 0.98 | 1.15 | 1.17 | 1.12 | 1.01 | | | | | | |
| 135 | 1.04 | 1.09 | 1.14 | 1.19 | 1.15 | 1.09 | 0.95 | 1.02 | 1.17 | 1.18 | 1.14 | 1.01 | | | | | | |
| 140 | 1.08 | 1.13 | 1.17 | 1.22 | 1.19 | 1.13 | 1.00 | 1.06 | 1.19 | 1.20 | 1.16 | 1.03 | | | | | | |
| 145 | 1.11 | 1.16 | 1.21 | 1.25 | 1.21 | 1.16 | 1.05 | 1.09 | 1.21 | 1.22 | 1.18 | 1.06 | | | | | | |
| 150 | 1.15 | 1.20 | 1.23 | 1.28 | 1.24 | 1.21 | 1.10 | 1.13 | 1.24 | 1.25 | 1.21 | 1.10 | | | | | | |
| 155 | 1.19 | 1.23 | 1.26 | 1.31 | 1.26 | 1.24 | 1.15 | 1.18 | 1.27 | 1.27 | 1.25 | 1.15 | | | | | | |
| 160 | 1.23 | 1.26 | 1.29 | 1.33 | 1.28 | 1.28 | 1.20 | 1.22 | 1.29 | 1.28 | 1.28 | 1.19 | | | | | | |
| 165 | 1.27 | 1.29 | 1.31 | 1.34 | 1.31 | 1.31 | 1.24 | 1.25 | 1.31 | 1.30 | 1.30 | 1.22 | | | | | | |
| 170 | 1.29 | 1.33 | 1.32 | 1.35 | 1.33 | 1.33 | 1.28 | 1.28 | 1.33 | 1.32 | 1.32 | 1.28 | | | | | | |
| 175 | 1.31 | 1.33 | 1.33 | 1.35 | 1.34 | 1.34 | 1.31 | 1.31 | 1.35 | 1.33 | 1.34 | 1.32 | | | | | | |
| 180 | 1.32 | 1.33 | 1.34 | 1.35 | 1.35 | 1.34 | 1.31 | 1.33 | 1.35 | 1.35 | 1.35 | 1.34 | | | | | | |

C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-03-06

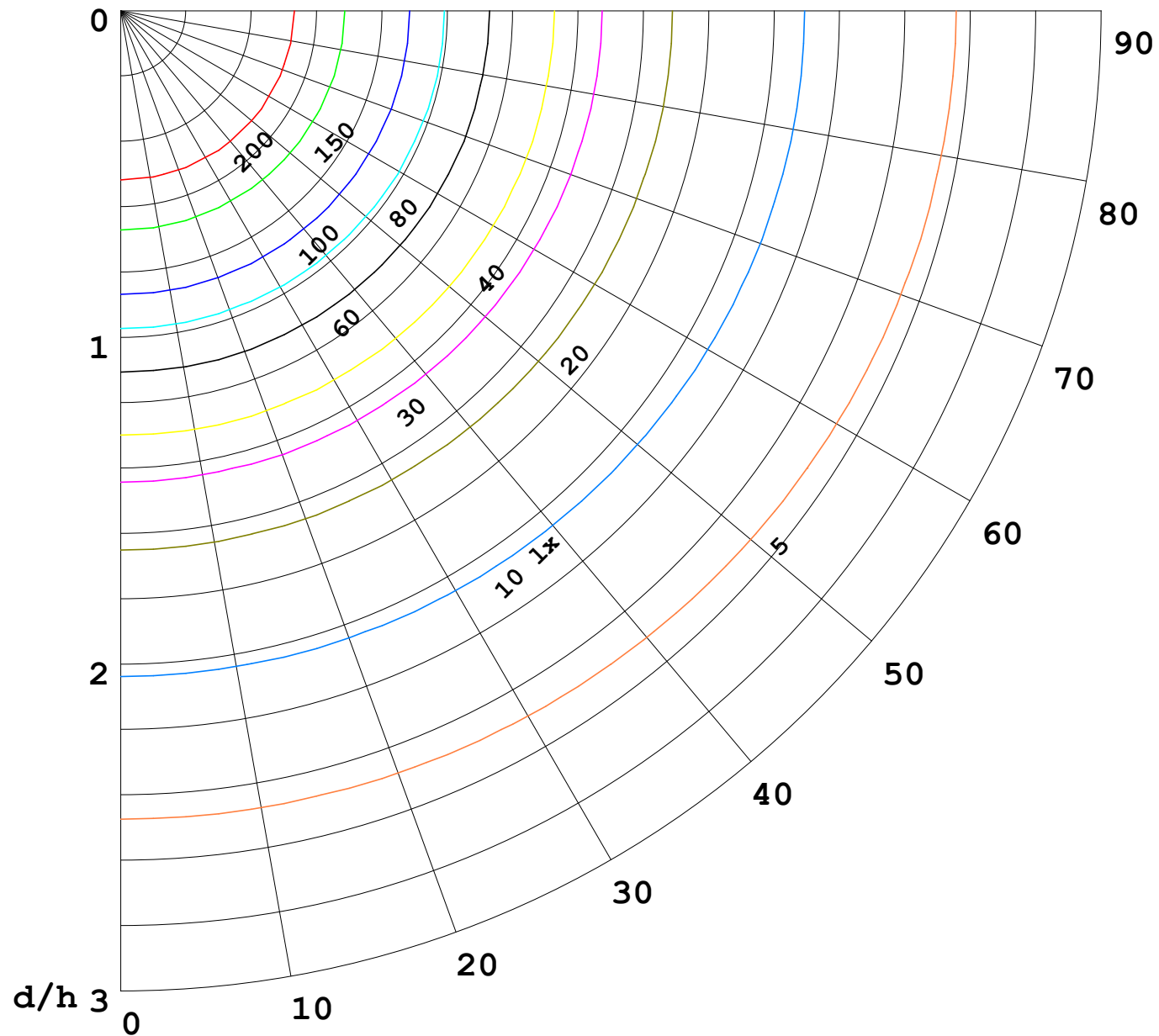
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE) GO-2000B_V1 系统 V2.00.488
环境湿度:65.0%
测试距离:6.360米 [K=1.0000]
备注:

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 |

