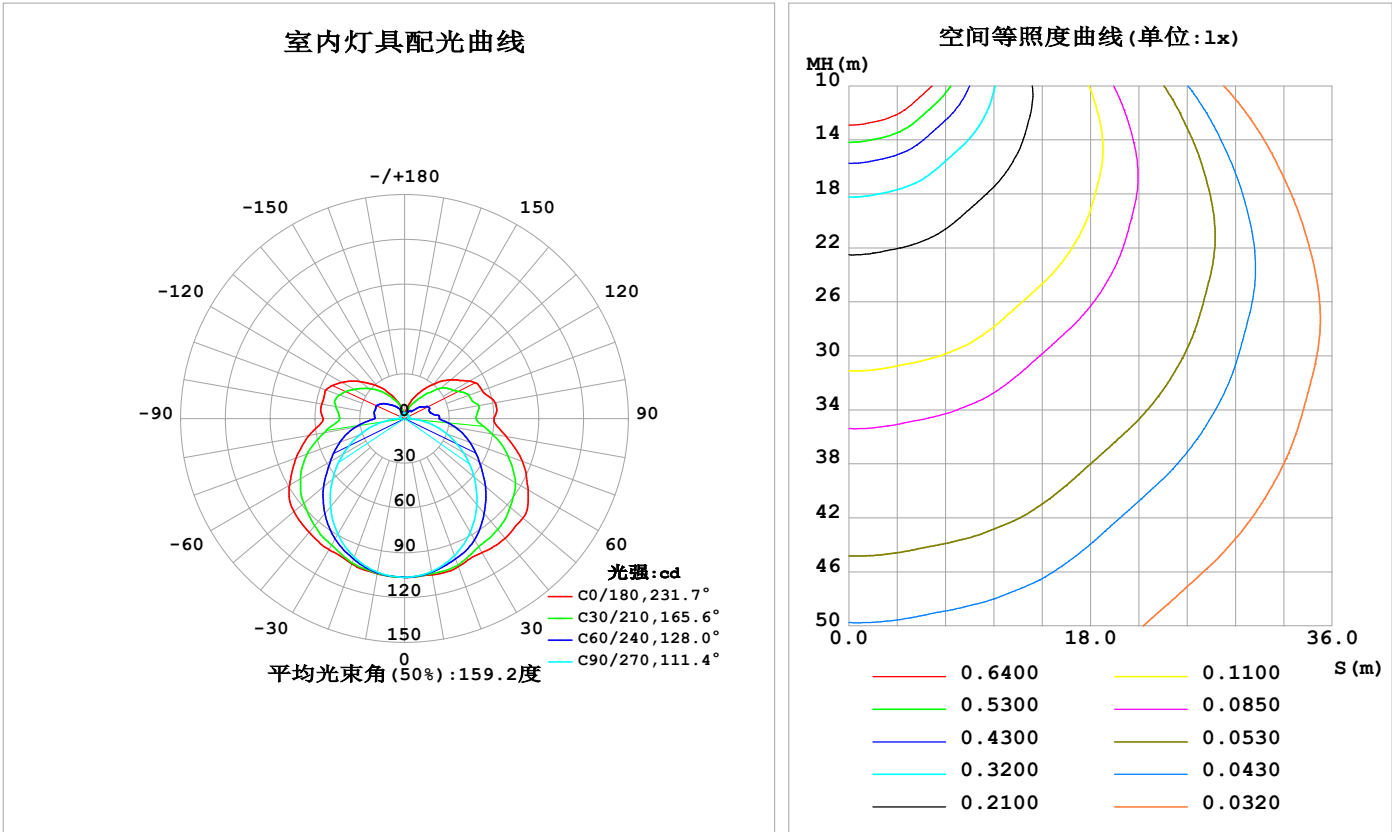


室内灯具光度数据

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: OLympia lighting | 发光口面: | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 61.91 lm/W |
|------------|---------|-----------|--------|---------------------|------------|----------------|
| 型号 | 3528 | 峰值光强 (cd) | 106.6 | S/MH (C0/180) | 1.46 | |
| 标称功率 (W) | 10 | 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) | 586.44 | η UP, DN (C0-180) | 12.9, 37.0 | |
| 额定光通量 (lm) | 586.436 | CIE分类 | 半直接 | η UP, DN (C180-360) | 12.9, 37.2 | |
| 灯具内光源数 (只) | 1 | 上射光通比 (%) | 25.8 | CIBSE SHR NOM | 1.50 | |
| 实测电源电压 (V) | | 下射光通比 (%) | 74.2 | CIBSE SHR MAX | 1.55 | |



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: 2025-02-19

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:

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 | 106.2 | 105.0 | 104.1 | 104.8 | 105.6 | 105.2 | 104.5 | 105.4 | 0- 10 | 10.09 | 10.09 | 1.72,1.72 |
| 20 | 105.6 | 102.3 | 97.77 | 100.8 | 103.6 | 101.5 | 98.80 | 103.0 | 10- 20 | 29.33 | 39.42 | 6.72,6.72 |
| 30 | 103.7 | 96.55 | 88.01 | 94.40 | 101.4 | 95.51 | 89.54 | 97.49 | 20- 30 | 45.67 | 85.08 | 14.5,14.5 |
| 40 | 104.7 | 90.02 | 75.27 | 86.93 | 99.53 | 88.47 | 77.28 | 91.14 | 30- 40 | 58.17 | 143.3 | 24.4,24.4 |
| 50 | 103.6 | 81.61 | 60.73 | 77.67 | 96.90 | 79.60 | 62.93 | 82.80 | 40- 50 | 65.74 | 209.0 | 35.6,35.6 |
| 60 | 95.53 | 71.82 | 45.47 | 67.26 | 89.05 | 69.13 | 47.68 | 72.84 | 50- 60 | 67.61 | 276.6 | 47.2,47.2 |
| 70 | 83.94 | 60.20 | 30.10 | 56.05 | 77.51 | 57.84 | 32.12 | 61.17 | 60- 70 | 63.45 | 340.1 | 58,58 |
| 80 | 69.07 | 47.25 | 15.26 | 42.80 | 64.92 | 44.20 | 16.86 | 47.94 | 70- 80 | 54.07 | 394.1 | 67.2,67.2 |
| 90 | 59.92 | 35.53 | 2.661 | 31.92 | 54.54 | 31.80 | 3.142 | 35.37 | 80- 90 | 40.94 | 435.1 | 74.2,74.2 |
| 100 | 61.70 | 34.85 | 2.736 | 33.55 | 56.42 | 33.89 | 3.092 | 34.98 | 90-100 | 36.01 | 471.1 | 80.3,80.3 |
| 110 | 55.34 | 31.78 | 2.826 | 32.92 | 56.24 | 33.58 | 3.256 | 31.05 | 100-110 | 34.18 | 505.2 | 86.2,86.2 |
| 120 | 50.27 | 27.06 | 2.936 | 28.86 | 48.61 | 29.38 | 3.352 | 28.10 | 110-120 | 29.76 | 535.0 | 91.2,91.2 |
| 130 | 40.56 | 21.51 | 3.005 | 22.94 | 38.41 | 23.39 | 3.442 | 22.58 | 120-130 | 22.45 | 557.5 | 95.1,95.1 |
| 140 | 30.15 | 13.67 | 3.182 | 17.03 | 28.71 | 17.52 | 3.421 | 14.43 | 130-140 | 14.76 | 572.2 | 97.6,97.6 |
| 150 | 20.28 | 9.071 | 3.283 | 11.34 | 18.72 | 11.76 | 3.395 | 9.098 | 140-150 | 8.330 | 580.5 | 99,99 |
| 160 | 12.10 | 5.348 | 3.456 | 6.918 | 10.30 | 7.055 | 3.482 | 5.779 | 150-160 | 4.036 | 584.6 | 99.7,99.7 |
| 170 | 4.002 | 4.076 | 3.638 | 4.065 | 3.952 | 4.052 | 3.586 | 4.310 | 160-170 | 1.483 | 586.1 | 99.9,99.9 |
| 180 | 3.504 | 3.726 | 3.704 | 3.752 | 3.484 | 3.699 | 3.696 | 3.775 | 170-180 | 0.3685 | 586.4 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：175.51 lm

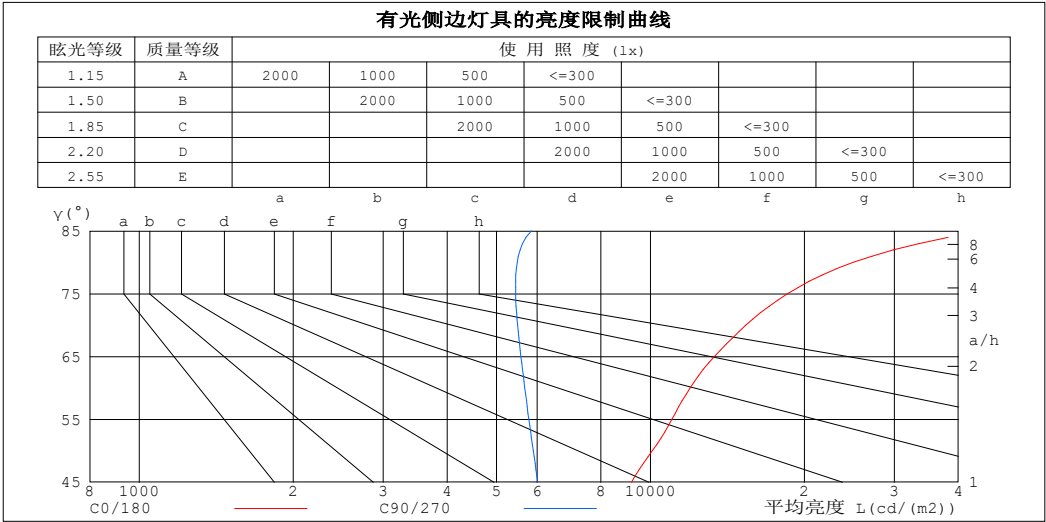
%lum = 29.9%
%lamp = 29.9%

锥面光通量(130度)：309.19 lm

%lum = 52.7%
%lamp = 52.7%

灯具亮度限制曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: OLympia lighting | 发光口面: | 遮光角: |



| 平均亮度值 cd/(m2) | | |
|---------------|--------|---------|
| γ (°) | C0/180 | C90/270 |
| 85 | 44952 | 5846 |
| 80 | 24898 | 5486 |
| 75 | 18536 | 5446 |
| 70 | 15363 | 5494 |
| 65 | 13336 | 5579 |
| 60 | 11960 | 5676 |
| 55 | 11014 | 5780 |
| 50 | 10087 | 5898 |
| 45 | 9188 | 6018 |

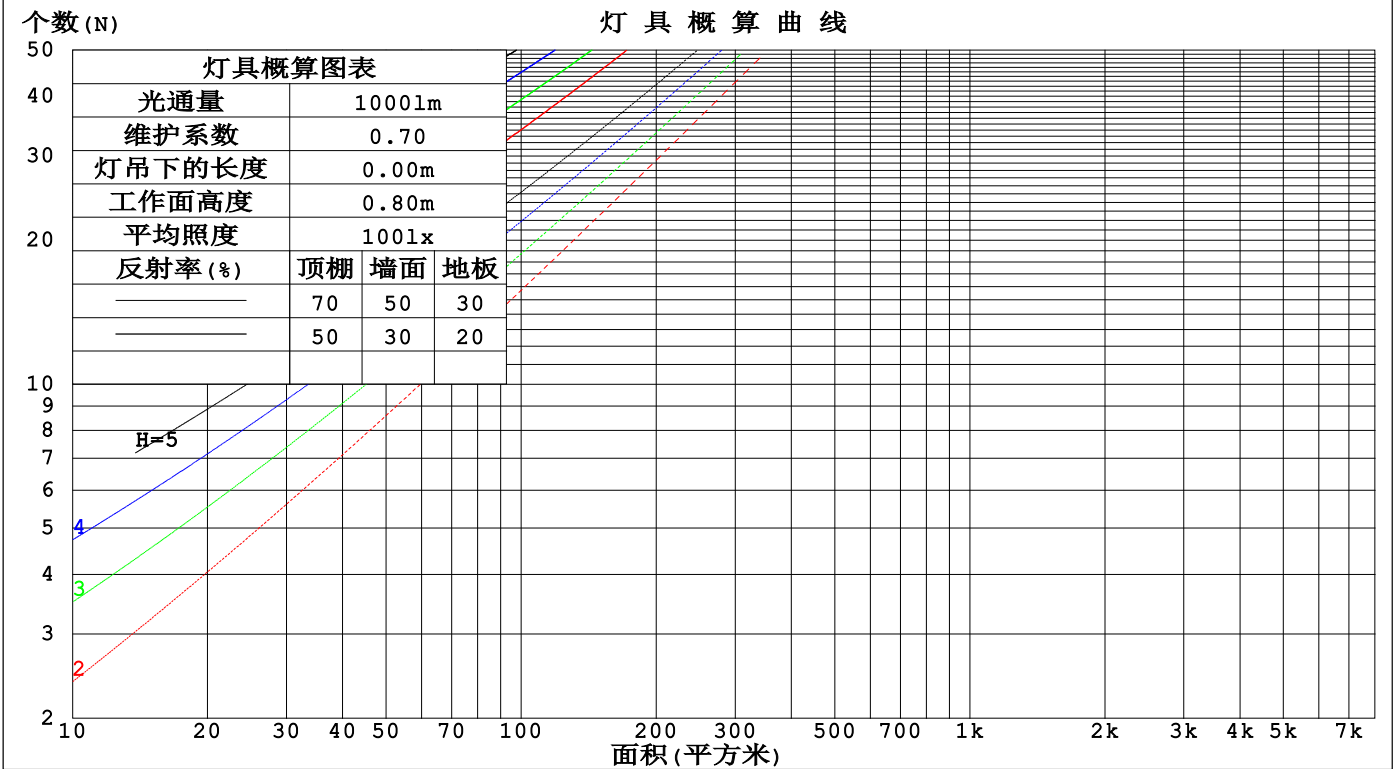
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-02-19

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:

工作面利用系数和灯具概算曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: 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 | 1.13 | 1.13 | 1.13 | 1.07 | 1.07 | 1.07 | .97 | .97 | .97 | .87 | .87 | .87 | .78 | .78 | .78 | .74 |
| 1.0 | .94 | .89 | .84 | .89 | .84 | .80 | .80 | .76 | .73 | .72 | .69 | .66 | .64 | .62 | .60 | .56 |
| 2.0 | .80 | .72 | .66 | .76 | .69 | .63 | .68 | .63 | .58 | .61 | .57 | .53 | .54 | .51 | .48 | .44 |
| 3.0 | .69 | .60 | .53 | .66 | .58 | .51 | .59 | .52 | .47 | .53 | .48 | .43 | .47 | .43 | .39 | .36 |
| 4.0 | .61 | .51 | .44 | .58 | .49 | .43 | .52 | .45 | .39 | .47 | .41 | .36 | .41 | .37 | .33 | .30 |
| 5.0 | .54 | .44 | .37 | .51 | .43 | .36 | .46 | .39 | .33 | .41 | .35 | .31 | .37 | .32 | .28 | .25 |
| 6.0 | .48 | .39 | .32 | .46 | .37 | .31 | .41 | .34 | .29 | .37 | .31 | .26 | .33 | .28 | .24 | .22 |
| 7.0 | .43 | .34 | .28 | .41 | .33 | .27 | .37 | .30 | .25 | .34 | .28 | .23 | .30 | .25 | .21 | .19 |
| 8.0 | .39 | .31 | .25 | .37 | .29 | .24 | .34 | .27 | .22 | .31 | .25 | .21 | .28 | .23 | .19 | .17 |
| 9.0 | .36 | .28 | .22 | .34 | .27 | .21 | .31 | .24 | .20 | .28 | .22 | .18 | .26 | .21 | .17 | .15 |
| 10.0 | .33 | .25 | .20 | .31 | .24 | .19 | .29 | .22 | .18 | .26 | .20 | .16 | .24 | .19 | .15 | .13 |



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: 2025-02-19

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:

墙面和天花板利用系数

| | | | | | |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | | | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: 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 | .381 | .216 | .069 | .366 | .208 | .066 | .337 | .193 | .062 | .311 | .180 | .058 | .287 | .167 | .054 | |
| 2.0 | .330 | .181 | .055 | .316 | .174 | .054 | .291 | .162 | .050 | .267 | .150 | .047 | .245 | .139 | .044 | |
| 3.0 | .293 | .156 | .047 | .281 | .151 | .045 | .258 | .140 | .042 | .236 | .129 | .040 | .216 | .120 | .037 | |
| 4.0 | .264 | .137 | .040 | .253 | .132 | .039 | .232 | .123 | .037 | .212 | .114 | .034 | .194 | .105 | .032 | |
| 5.0 | .240 | .122 | .035 | .230 | .118 | .034 | .211 | .110 | .032 | .193 | .102 | .030 | .176 | .094 | .028 | |
| 6.0 | .220 | .110 | .032 | .211 | .106 | .031 | .193 | .099 | .029 | .176 | .092 | .027 | .161 | .085 | .025 | |
| 7.0 | .203 | .100 | .028 | .194 | .097 | .028 | .178 | .090 | .026 | .163 | .083 | .024 | .149 | .077 | .023 | |
| 8.0 | .188 | .092 | .026 | .180 | .089 | .025 | .165 | .083 | .024 | .151 | .077 | .022 | .138 | .071 | .021 | |
| 9.0 | .175 | .085 | .024 | .168 | .082 | .023 | .154 | .076 | .022 | .141 | .071 | .020 | .129 | .065 | .019 | |
| 10.0 | .164 | .079 | .022 | .157 | .076 | .021 | .144 | .071 | .020 | .132 | .066 | .019 | .121 | .061 | .017 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .387 | .387 | .387 | .331 | .331 | .331 | .226 | .226 | .226 | .130 | .130 | .130 | .041 | .041 | .041 | |
| 1.0 | .383 | .354 | .327 | .328 | .304 | .281 | .224 | .209 | .195 | .129 | .121 | .113 | .041 | .039 | .037 | |
| 2.0 | .377 | .331 | .293 | .323 | .285 | .253 | .221 | .197 | .177 | .128 | .115 | .104 | .041 | .037 | .034 | |
| 3.0 | .370 | .315 | .272 | .317 | .272 | .236 | .218 | .189 | .165 | .126 | .110 | .097 | .040 | .036 | .032 | |
| 4.0 | .362 | .303 | .258 | .311 | .262 | .224 | .214 | .182 | .158 | .124 | .107 | .093 | .040 | .035 | .031 | |
| 5.0 | .355 | .293 | .248 | .305 | .254 | .216 | .210 | .177 | .152 | .122 | .104 | .090 | .039 | .034 | .030 | |
| 6.0 | .347 | .285 | .241 | .299 | .247 | .210 | .206 | .173 | .149 | .119 | .102 | .088 | .039 | .033 | .029 | |
| 7.0 | .340 | .279 | .236 | .293 | .242 | .206 | .202 | .170 | .146 | .118 | .100 | .087 | .038 | .033 | .029 | |
| 8.0 | .334 | .274 | .232 | .287 | .237 | .202 | .199 | .167 | .144 | .116 | .098 | .086 | .037 | .032 | .028 | |
| 9.0 | .328 | .269 | .229 | .282 | .233 | .200 | .196 | .164 | .142 | .114 | .097 | .085 | .037 | .032 | .028 | |
| 10.0 | .322 | .265 | .227 | .277 | .230 | .198 | .192 | .162 | .141 | .112 | .096 | .084 | .036 | .031 | .028 | |

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:2025-02-19

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:

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | |
|---|-----|----------------------|------|------|-----------------|------|--------------------|-------|------|------|------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | | | | | | | | | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: 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 | 21.0 | 22.3 | 21.6 | 22.9 | 23.6 | 17.8 | 19.1 | 18.4 | 19.7 | 20.5 |
| | 3H | 23.8 | 25.0 | 24.4 | 25.6 | 26.3 | 19.5 | 20.7 | 20.1 | 21.3 | 22.1 |
| | 4H | 25.3 | 26.4 | 25.9 | 27.0 | 27.8 | 20.3 | 21.4 | 20.9 | 22.0 | 22.8 |
| | 6H | 26.8 | 27.9 | 27.5 | 28.6 | 29.4 | 20.9 | 21.9 | 21.6 | 22.6 | 23.4 |
| | 8H | 27.7 | 28.7 | 28.4 | 29.4 | 30.2 | 21.1 | 22.2 | 21.8 | 22.8 | 23.7 |
| | 12H | 28.7 | 29.7 | 29.4 | 30.4 | 31.2 | 21.3 | 22.3 | 22.0 | 23.0 | 23.8 |
| 4H | 2H | 21.5 | 22.6 | 22.1 | 23.3 | 24.0 | 19.2 | 20.4 | 19.9 | 21.0 | 21.8 |
| | 3H | 24.5 | 25.5 | 25.2 | 26.2 | 27.0 | 21.1 | 22.1 | 21.8 | 22.8 | 23.6 |
| | 4H | 26.2 | 27.1 | 26.9 | 27.8 | 28.7 | 22.0 | 22.9 | 22.7 | 23.6 | 24.5 |
| | 6H | 28.0 | 28.8 | 28.7 | 29.5 | 30.4 | 22.8 | 23.6 | 23.6 | 24.4 | 25.3 |
| | 8H | 29.0 | 29.7 | 29.7 | 30.5 | 31.4 | 23.2 | 23.9 | 23.9 | 24.7 | 25.6 |
| | 12H | 30.1 | 30.8 | 30.9 | 31.6 | 32.5 | 23.4 | 24.1 | 24.2 | 24.9 | 25.8 |
| 8H | 4H | 26.5 | 27.2 | 27.2 | 28.0 | 28.9 | 23.2 | 24.0 | 24.0 | 24.7 | 25.6 |
| | 6H | 28.6 | 29.2 | 29.4 | 30.0 | 30.9 | 24.4 | 25.0 | 25.1 | 25.8 | 26.7 |
| | 8H | 29.8 | 30.3 | 30.6 | 31.1 | 32.1 | 24.9 | 25.5 | 25.7 | 26.3 | 27.2 |
| | 12H | 31.2 | 31.7 | 32.0 | 32.5 | 33.4 | 25.4 | 25.9 | 26.2 | 26.7 | 27.6 |
| 12H | 4H | 26.5 | 27.2 | 27.2 | 27.9 | 28.9 | 23.6 | 24.3 | 24.4 | 25.1 | 26.0 |
| | 6H | 28.7 | 29.2 | 29.5 | 30.0 | 31.0 | 25.0 | 25.5 | 25.8 | 26.3 | 27.3 |
| | 8H | 30.0 | 30.5 | 30.8 | 31.3 | 32.3 | 25.7 | 26.1 | 26.5 | 27.0 | 27.9 |
| 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 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |

依据CIE Pub.117计算, 586.4lm光源光通表格中的数据需要进行修正(8log(F/F0) = -1.9)。
出光口面积: 0.016 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: 2025-02-19 | 备注: |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: OLympia lighting | 发光口面: | 遮光角: |

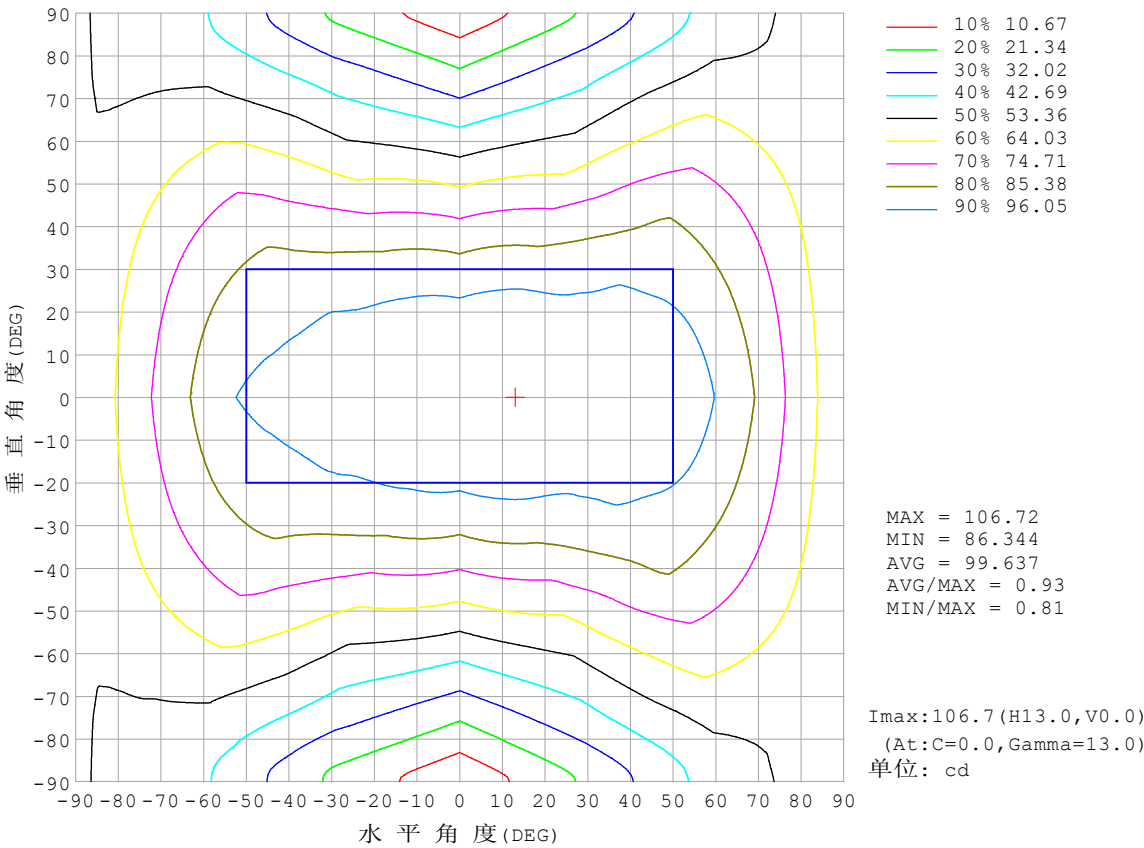
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 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 | 45 | 33 | 25 | 44 | 32 | 25 | 41 | 31 | 24 | 18 |
| 0.80 | 54 | 41 | 33 | 52 | 40 | 32 | 49 | 38 | 31 | 23 |
| 1.00 | 62 | 49 | 40 | 60 | 47 | 39 | 55 | 47 | 38 | 28 |
| 1.25 | 69 | 56 | 47 | 66 | 54 | 46 | 61 | 51 | 44 | 33 |
| 1.50 | 74 | 61 | 53 | 71 | 59 | 51 | 65 | 56 | 49 | 37 |
| 2.00 | 81 | 70 | 62 | 78 | 67 | 60 | 71 | 63 | 56 | 43 |
| 2.50 | 86 | 76 | 67 | 82 | 73 | 65 | 75 | 67 | 61 | 46 |
| 3.00 | 90 | 80 | 73 | 86 | 77 | 70 | 78 | 71 | 65 | 50 |
| 4.00 | 95 | 87 | 80 | 90 | 83 | 77 | 82 | 76 | 71 | 54 |
| 5.00 | 98 | 91 | 85 | 93 | 87 | 81 | 84 | 79 | 75 | 57 |
| 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:2025-02-19

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:

灯 具 等 光 强 曲 线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: OLympia lighting | 发光口面: | 遮光角: |

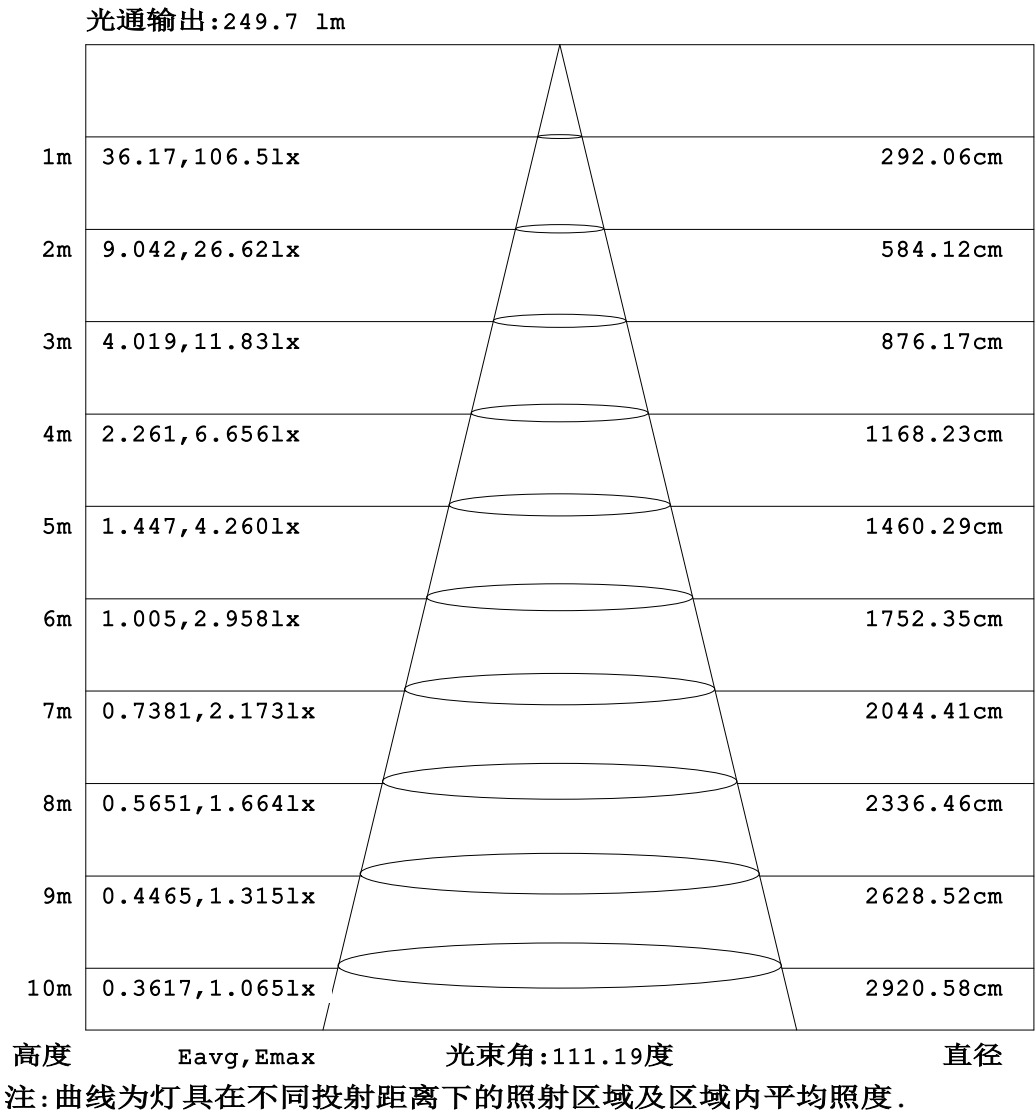


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-02-19

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:

灯 具 有 效 平 均 照 度 图

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: OLympia lighting | 发光口面: | 遮光角: |

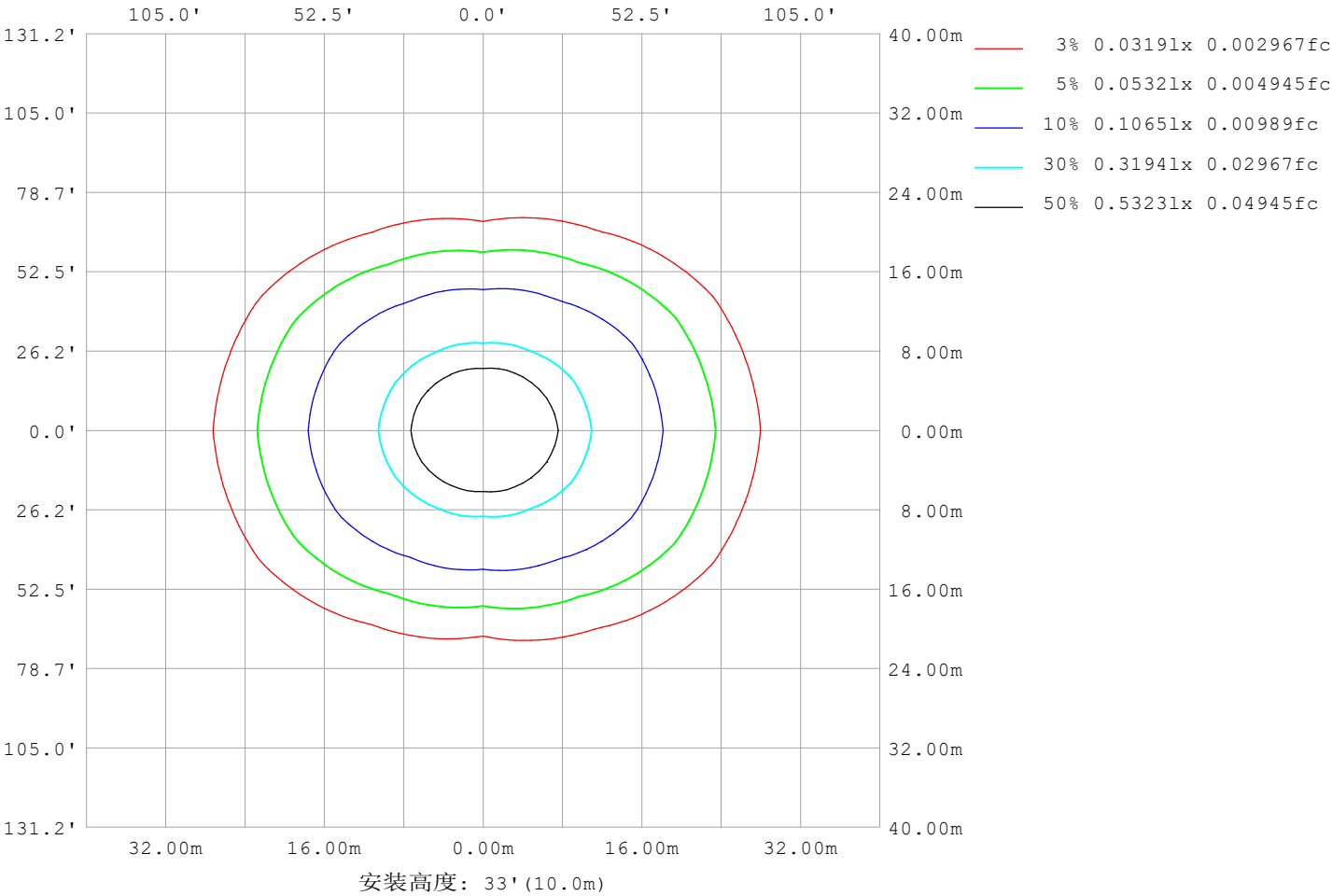


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-02-19

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:

平面等照度曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-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: 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: 2025-02-19

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:

LED筒灯平均亮度报告

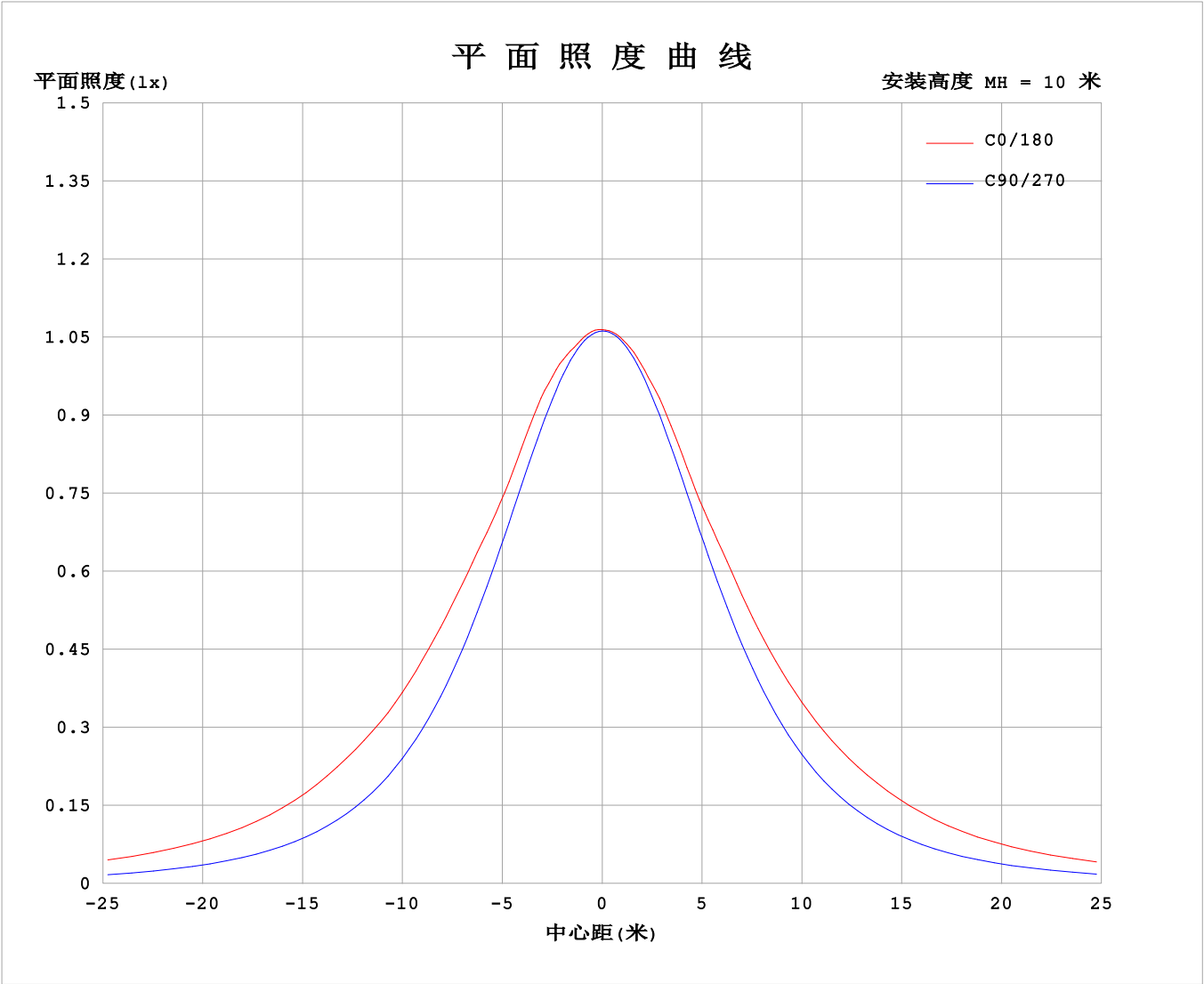
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通: 586.436x1 lm | | |
| 灯具名称: SF18-24V-3528-144-2500K-80 | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 12795 |
| L横 (75) av | 17848 |
| L横 (85) av | 43236 |
| L纵 (65) av | 5745 |
| L纵 (75) av | 5673 |
| L纵 (85) av | 6338 |
| L45 (65) av | 9606 |
| L45 (75) av | 12783 |
| L45 (85) av | 28035 |

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: 2025-02-19 | 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: |
|--|--|

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: 2025-02-19

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:

光 强 分 布 数 据 表 格

| | | |
|---|----------------|-------|
| 实测参数：U:24.00V I:0.3947A P:9.473W PF:1.000 Freq:0Hz 实检光通：586.436x1 lm | | |
| 灯具名称：SF18-24V-3528-144-2500K-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：OLympia lighting | 发光口面： | 遮光角： |

表--1

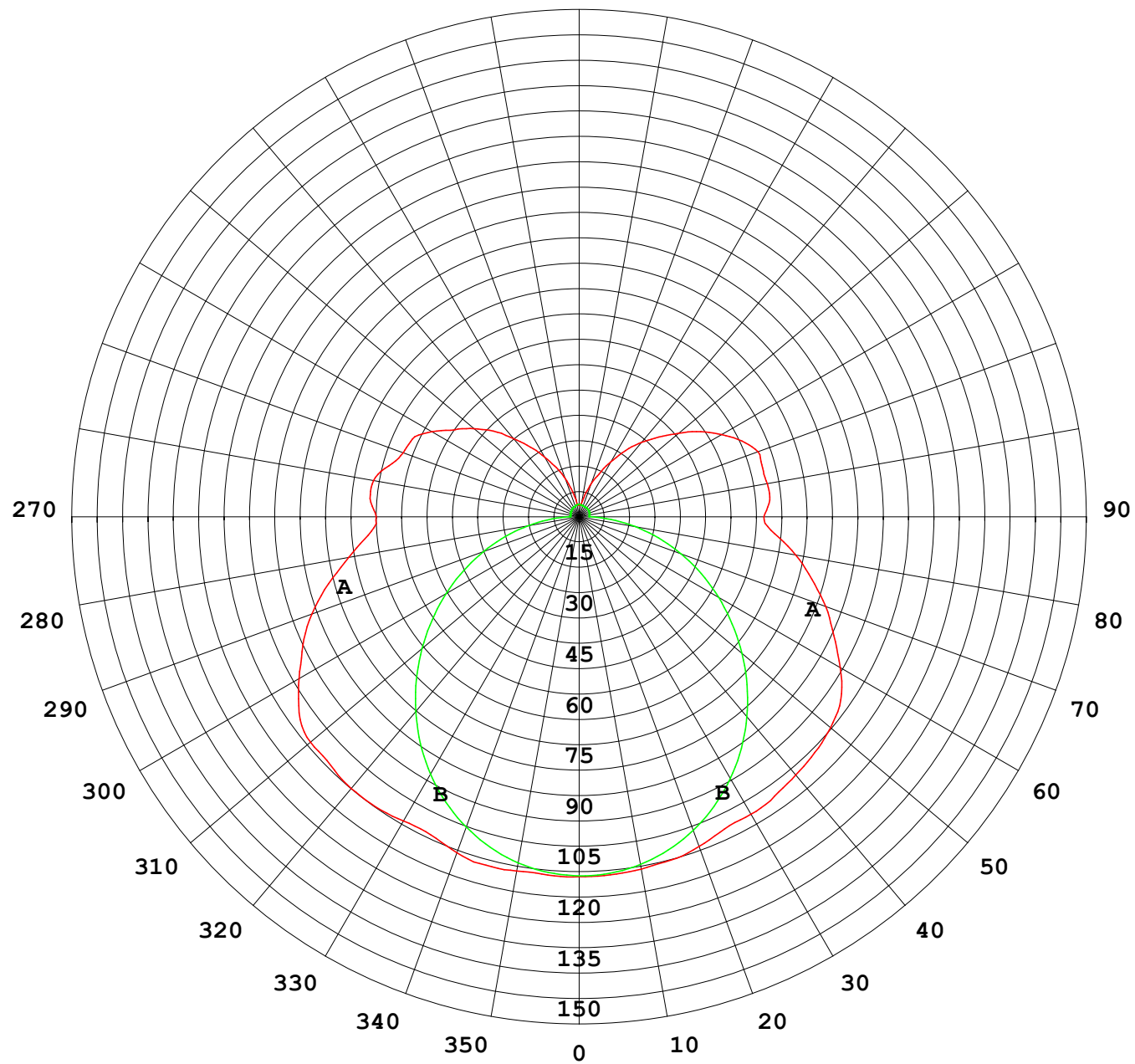
单位：cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | | | | | | | |
| 5 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | | | | | | | |
| 10 | 106 | 106 | 105 | 104 | 104 | 105 | 106 | 105 | 105 | 105 | 105 | 106 | | | | | | | |
| 15 | 107 | 105 | 102 | 101 | 102 | 104 | 105 | 104 | 103 | 102 | 103 | 106 | | | | | | | |
| 20 | 106 | 105 | 100 | 97.8 | 99.2 | 102 | 104 | 103 | 100 | 98.8 | 101 | 105 | | | | | | | |
| 25 | 104 | 102 | 97.5 | 93.3 | 95.7 | 99.9 | 102 | 100 | 97.0 | 94.6 | 98.5 | 102 | | | | | | | |
| 30 | 104 | 99.3 | 93.8 | 88.0 | 91.7 | 97.1 | 101 | 97.8 | 93.2 | 89.5 | 95.1 | 99.8 | | | | | | | |
| 35 | 105 | 98.3 | 88.7 | 81.9 | 86.8 | 95.4 | 101 | 96.4 | 88.5 | 83.8 | 90.3 | 98.9 | | | | | | | |
| 40 | 105 | 97.0 | 83.0 | 75.3 | 81.2 | 92.6 | 99.5 | 93.7 | 83.2 | 77.3 | 84.6 | 97.7 | | | | | | | |
| 45 | 104 | 95.3 | 77.0 | 68.2 | 75.0 | 89.7 | 98.4 | 91.0 | 77.2 | 70.3 | 78.7 | 95.9 | | | | | | | |
| 50 | 104 | 92.4 | 70.8 | 60.7 | 68.5 | 86.8 | 96.9 | 88.2 | 70.9 | 62.9 | 72.5 | 93.1 | | | | | | | |
| 55 | 101 | 89.3 | 64.0 | 53.1 | 61.4 | 83.6 | 94.4 | 85.1 | 63.8 | 55.3 | 65.6 | 89.9 | | | | | | | |
| 60 | 95.5 | 85.8 | 57.8 | 45.5 | 55.1 | 79.4 | 89.1 | 80.7 | 57.6 | 47.7 | 59.3 | 86.4 | | | | | | | |
| 65 | 90.0 | 80.1 | 52.2 | 37.8 | 49.4 | 74.2 | 83.0 | 75.4 | 51.9 | 39.9 | 53.6 | 80.8 | | | | | | | |
| 70 | 83.9 | 73.8 | 46.5 | 30.1 | 43.7 | 68.4 | 77.5 | 69.5 | 46.1 | 32.1 | 47.8 | 74.5 | | | | | | | |
| 75 | 76.6 | 67.3 | 40.9 | 22.6 | 38.1 | 61.1 | 71.2 | 62.0 | 40.3 | 24.4 | 42.0 | 68.0 | | | | | | | |
| 80 | 69.1 | 59.5 | 34.9 | 15.3 | 31.5 | 54.1 | 64.9 | 54.9 | 33.5 | 16.9 | 35.8 | 60.0 | | | | | | | |
| 85 | 62.6 | 52.2 | 28.2 | 8.16 | 24.4 | 48.2 | 58.0 | 48.0 | 26.2 | 9.51 | 29.0 | 52.5 | | | | | | | |
| 90 | 59.9 | 47.8 | 23.3 | 2.66 | 19.7 | 44.1 | 54.5 | 43.5 | 20.1 | 3.14 | 23.2 | 47.5 | | | | | | | |
| 95 | 62.0 | 49.0 | 23.4 | 2.72 | 19.7 | 45.3 | 56.5 | 44.7 | 20.3 | 3.00 | 23.1 | 48.6 | | | | | | | |
| 100 | 61.7 | 50.6 | 19.1 | 2.74 | 20.1 | 47.0 | 56.4 | 46.9 | 20.9 | 3.09 | 19.8 | 50.1 | | | | | | | |
| 105 | 58.2 | 46.9 | 17.6 | 2.77 | 20.2 | 47.8 | 56.1 | 48.3 | 20.7 | 3.18 | 17.8 | 47.1 | | | | | | | |
| 110 | 55.3 | 45.9 | 17.7 | 2.83 | 20.2 | 45.7 | 56.2 | 46.5 | 20.7 | 3.26 | 18.3 | 43.8 | | | | | | | |
| 115 | 54.4 | 42.3 | 18.1 | 2.89 | 20.0 | 42.9 | 53.0 | 43.2 | 20.8 | 3.31 | 18.5 | 43.0 | | | | | | | |
| 120 | 50.3 | 38.0 | 16.1 | 2.94 | 18.6 | 39.1 | 48.6 | 39.3 | 19.4 | 3.35 | 17.2 | 39.0 | | | | | | | |
| 125 | 44.8 | 35.4 | 13.7 | 2.95 | 16.8 | 35.0 | 43.9 | 35.3 | 17.6 | 3.42 | 14.8 | 35.5 | | | | | | | |
| 130 | 40.6 | 32.2 | 10.8 | 3.01 | 14.6 | 31.3 | 38.4 | 31.5 | 15.2 | 3.44 | 13.0 | 32.1 | | | | | | | |
| 135 | 35.8 | 25.5 | 7.47 | 3.10 | 12.6 | 27.3 | 33.3 | 27.6 | 13.2 | 3.45 | 10.4 | 26.9 | | | | | | | |
| 140 | 30.2 | 20.9 | 6.43 | 3.18 | 10.7 | 23.3 | 28.7 | 23.7 | 11.4 | 3.42 | 8.39 | 20.5 | | | | | | | |
| 145 | 25.2 | 16.0 | 6.63 | 3.25 | 9.22 | 18.9 | 23.9 | 19.3 | 9.70 | 3.41 | 7.22 | 14.3 | | | | | | | |
| 150 | 20.3 | 12.5 | 5.64 | 3.28 | 7.46 | 15.2 | 18.7 | 15.6 | 7.93 | 3.40 | 5.96 | 12.2 | | | | | | | |
| 155 | 16.1 | 9.53 | 5.00 | 3.35 | 5.88 | 12.4 | 14.0 | 12.6 | 6.15 | 3.43 | 5.11 | 9.29 | | | | | | | |
| 160 | 12.1 | 6.00 | 4.70 | 3.46 | 4.65 | 9.18 | 10.3 | 9.32 | 4.79 | 3.48 | 4.68 | 6.87 | | | | | | | |
| 165 | 7.79 | 4.08 | 4.34 | 3.56 | 4.03 | 6.02 | 6.67 | 6.03 | 4.00 | 3.53 | 4.31 | 5.17 | | | | | | | |
| 170 | 4.00 | 4.06 | 4.09 | 3.64 | 3.82 | 4.31 | 3.95 | 4.32 | 3.78 | 3.59 | 4.08 | 4.53 | | | | | | | |
| 175 | 3.53 | 3.99 | 4.07 | 3.69 | 3.65 | 3.80 | 3.55 | 3.82 | 3.62 | 3.65 | 4.05 | 4.13 | | | | | | | |
| 180 | 3.50 | 3.70 | 3.75 | 3.70 | 3.74 | 3.77 | 3.48 | 3.70 | 3.70 | 3.70 | 3.75 | 3.80 | | | | | | | |

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:2025-02-19

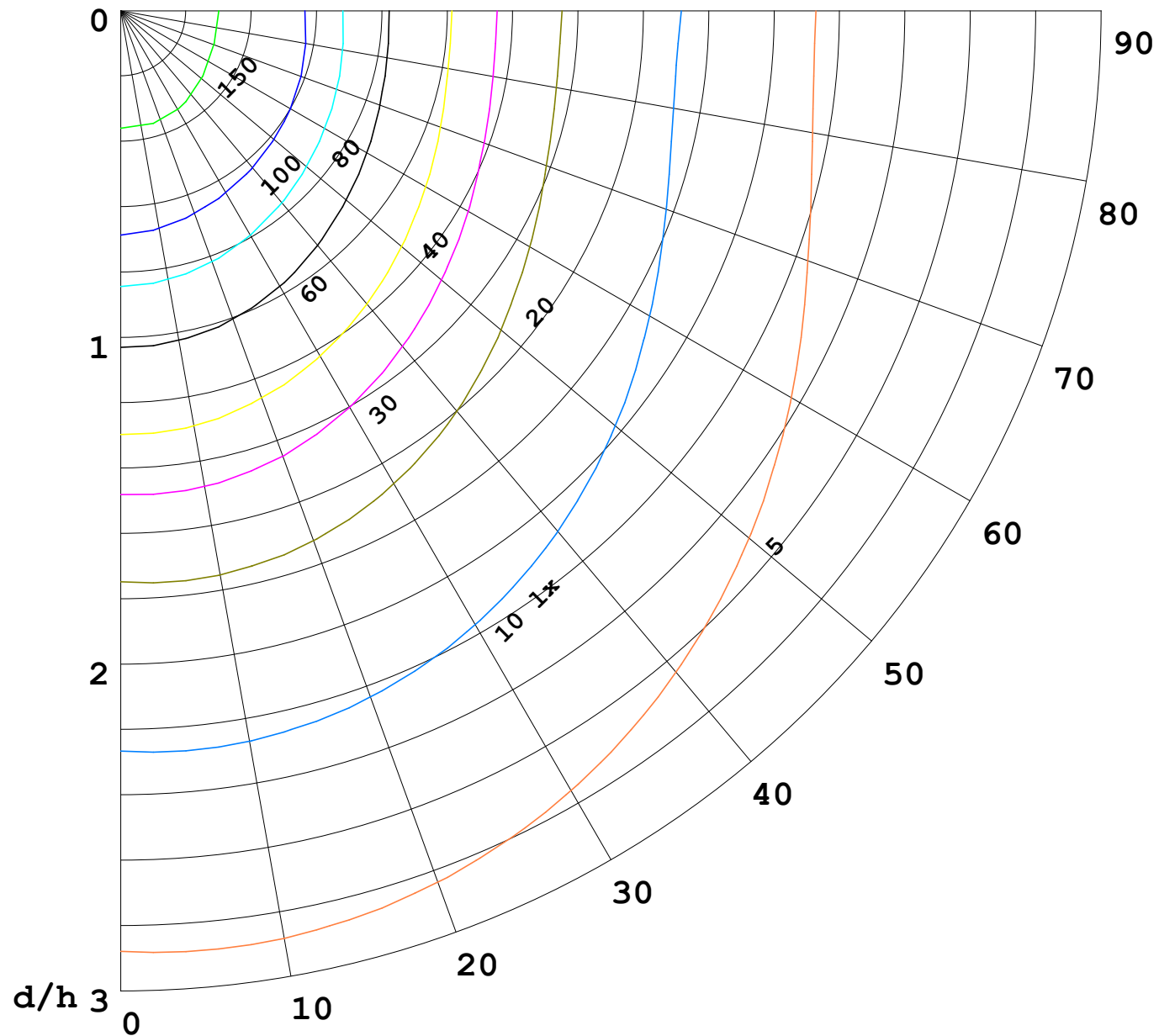
γ角度范围： 0度 - 180度
γ角度间隔： 1.0度
测试系统： 远方 (EVERFINE) GO-2000B_V1 系统 V2.00.488
环境湿度:65.0%
测试距离:6.360米 [K=1.0000]
备注：

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 |

