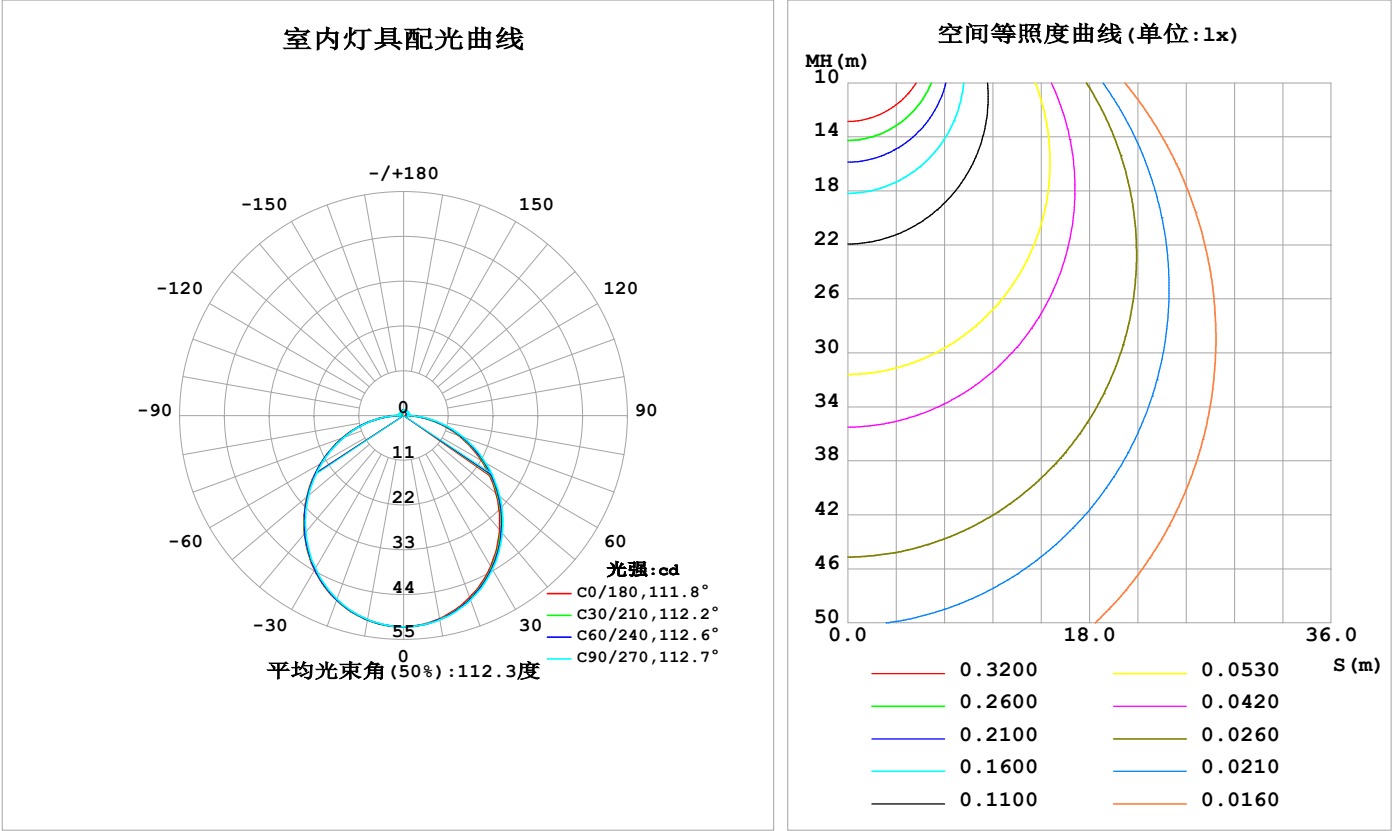


室内灯具光度数据

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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: 12.69 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号 | 5050 | 峰值光强(cd) | 51.88 | S/MH(C0/180) | 1.26 | |
| 标称功率(W) | 13 | 灯具效率(%) | 100.0 | S/MH(C90/270) | 1.24 | |
| 额定电源电压(V) | 24 | 总光通量(lm) | 158.02 | η UP,DN(C0-180) | 2.2,47.8 | |
| 额定光通量(lm) | 158.016 | CIE分类 | 直接 | η UP,DN(C180-360) | 1.9,48.1 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 4.0 | CIBSE SHR NOM | 1.25 | |
| 实测电源电压(V) | | 下射光通比(%) | 96.0 | 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: 2025-05-19

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 | 50.67 | 50.85 | 50.95 | 51.00 | 51.01 | 50.94 | 50.86 | 50.78 | 0- 10 | 4.905 | 4.905 | 3.1,3.1 |
| 20 | 47.55 | 47.91 | 48.17 | 48.24 | 48.24 | 48.15 | 47.95 | 47.74 | 10- 20 | 14.02 | 18.92 | 12,12 |
| 30 | 42.78 | 43.28 | 43.65 | 43.77 | 43.80 | 43.65 | 43.35 | 43.07 | 20- 30 | 21.15 | 40.07 | 25.4,25.4 |
| 40 | 36.67 | 37.25 | 37.73 | 37.88 | 37.91 | 37.75 | 37.40 | 37.02 | 30- 40 | 25.39 | 65.46 | 41.4,41.4 |
| 50 | 29.62 | 30.27 | 30.82 | 30.98 | 31.02 | 30.84 | 30.49 | 30.04 | 40- 50 | 26.29 | 91.76 | 58.1,58.1 |
| 60 | 22.08 | 22.73 | 23.30 | 23.47 | 23.57 | 23.38 | 23.08 | 22.55 | 50- 60 | 23.97 | 115.7 | 73.2,73.2 |
| 70 | 14.46 | 15.02 | 15.60 | 15.80 | 15.95 | 15.78 | 15.53 | 14.92 | 60- 70 | 19.01 | 134.7 | 85.3,85.3 |
| 80 | 7.012 | 7.455 | 7.983 | 8.226 | 8.412 | 8.286 | 8.094 | 7.454 | 70- 80 | 12.24 | 147.0 | 93,93 |
| 90 | 1.196 | 1.201 | 1.010 | 1.439 | 1.725 | 1.437 | 1.060 | 1.114 | 80- 90 | 4.662 | 151.6 | 96,96 |
| 100 | 0.7039 | 0.9389 | 1.120 | 0.9340 | 0.6363 | 0.7797 | 1.103 | 0.7645 | 90-100 | 0.9759 | 152.6 | 96.6,96.6 |
| 110 | 0.8058 | 1.024 | 1.202 | 1.023 | 0.7295 | 0.8528 | 1.161 | 0.8288 | 100-110 | 0.9590 | 153.6 | 97.2,97.2 |
| 120 | 0.8991 | 1.090 | 1.248 | 1.089 | 0.8200 | 0.8987 | 1.178 | 0.8683 | 110-120 | 0.9676 | 154.5 | 97.8,97.8 |
| 130 | 0.9754 | 1.140 | 1.268 | 1.146 | 0.9077 | 0.9404 | 1.068 | 0.9122 | 120-130 | 0.9167 | 155.5 | 98.4,98.4 |
| 140 | 1.063 | 1.187 | 1.280 | 1.193 | 1.001 | 1.009 | 1.024 | 0.9516 | 130-140 | 0.8222 | 156.3 | 98.9,98.9 |
| 150 | 1.139 | 1.226 | 1.303 | 1.235 | 1.100 | 1.104 | 1.053 | 1.045 | 140-150 | 0.7011 | 157.0 | 99.3,99.3 |
| 160 | 1.210 | 1.266 | 1.323 | 1.282 | 1.193 | 1.203 | 1.178 | 1.162 | 150-160 | 0.5499 | 157.5 | 99.7,99.7 |
| 170 | 1.272 | 1.299 | 1.332 | 1.304 | 1.275 | 1.282 | 1.274 | 1.273 | 160-170 | 0.3563 | 157.9 | 99.9,99.9 |
| 180 | 1.301 | 1.322 | 1.335 | 1.321 | 1.312 | 1.318 | 1.323 | 1.320 | 170-180 | 0.1244 | 158.0 | 100,100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：78.708 lm

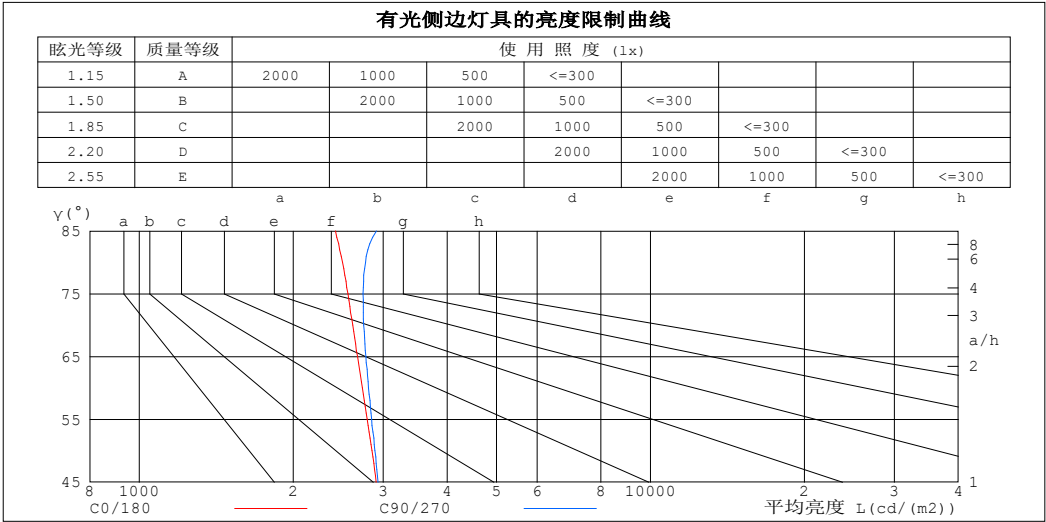
%lum = 49.8%
%lamp = 49.8%

锥面光通量(130度)：125.99 lm

%lum = 79.7%
%lamp = 79.7%

灯具亮度限制曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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 | 2421 | 2909 |
| 80 | 2498 | 2771 |
| 75 | 2559 | 2737 |
| 70 | 2615 | 2749 |
| 65 | 2673 | 2774 |
| 60 | 2732 | 2809 |
| 55 | 2790 | 2847 |
| 50 | 2851 | 2890 |
| 45 | 2907 | 2929 |

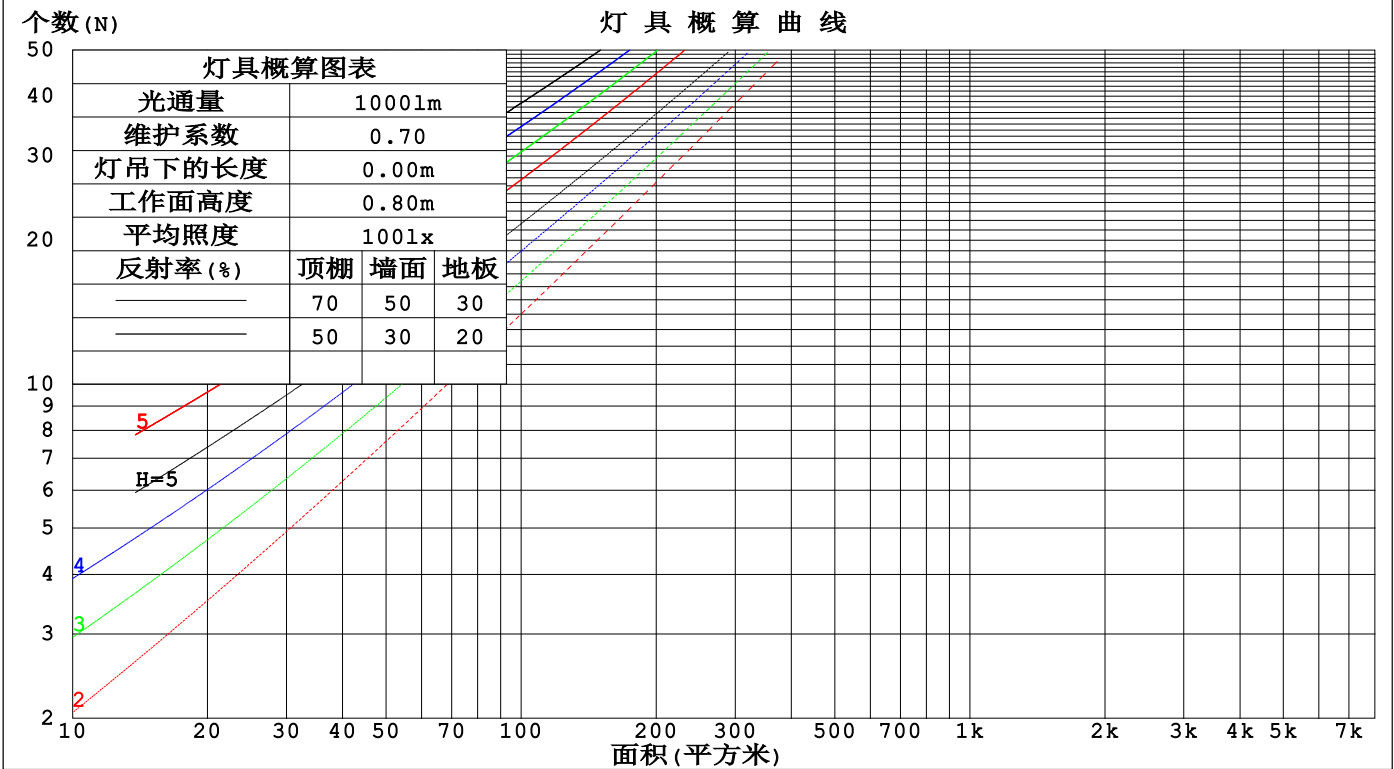
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-05-19

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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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 | 1.02 | .98 | .94 | .99 | .95 | .92 | .94 | .91 | .88 | .90 | .87 | .85 | .86 | .83 | .81 | .79 |
| 2.0 | .89 | .82 | .76 | .86 | .80 | .74 | .82 | .77 | .72 | .78 | .74 | .70 | .75 | .71 | .68 | .65 |
| 3.0 | .78 | .69 | .63 | .76 | .68 | .62 | .72 | .66 | .60 | .69 | .63 | .59 | .66 | .61 | .57 | .55 |
| 4.0 | .69 | .60 | .53 | .67 | .59 | .52 | .64 | .57 | .51 | .61 | .55 | .50 | .58 | .53 | .49 | .46 |
| 5.0 | .61 | .52 | .45 | .60 | .51 | .45 | .57 | .50 | .44 | .55 | .48 | .43 | .53 | .47 | .42 | .40 |
| 6.0 | .55 | .46 | .39 | .54 | .45 | .39 | .52 | .44 | .38 | .50 | .43 | .38 | .48 | .42 | .37 | .35 |
| 7.0 | .50 | .41 | .35 | .49 | .40 | .35 | .47 | .39 | .34 | .45 | .38 | .33 | .43 | .38 | .33 | .31 |
| 8.0 | .45 | .37 | .31 | .45 | .36 | .31 | .43 | .36 | .30 | .41 | .35 | .30 | .40 | .34 | .30 | .28 |
| 9.0 | .42 | .33 | .28 | .41 | .33 | .28 | .40 | .32 | .27 | .38 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .38 | .31 | .25 | .38 | .30 | .25 | .37 | .30 | .25 | .35 | .29 | .24 | .34 | .28 | .24 | .22 |



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: 2025-05-19

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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | | | | |
| 灯具名称: SF28-24V-5050-72-R | | | 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 | .325 | .185 | .059 | .317 | .181 | .057 | .301 | .173 | .055 | .287 | .165 | .053 | .273 | .159 | .051 | |
| 2.0 | .300 | .164 | .050 | .293 | .161 | .050 | .279 | .155 | .048 | .266 | .149 | .047 | .254 | .144 | .045 | |
| 3.0 | .275 | .146 | .044 | .269 | .144 | .043 | .256 | .139 | .042 | .245 | .134 | .041 | .234 | .130 | .040 | |
| 4.0 | .252 | .131 | .039 | .247 | .129 | .038 | .235 | .125 | .037 | .225 | .121 | .036 | .216 | .117 | .036 | |
| 5.0 | .232 | .118 | .034 | .227 | .117 | .034 | .217 | .113 | .033 | .208 | .110 | .033 | .199 | .107 | .032 | |
| 6.0 | .215 | .108 | .031 | .210 | .106 | .031 | .201 | .103 | .030 | .193 | .100 | .029 | .185 | .098 | .029 | |
| 7.0 | .200 | .099 | .028 | .195 | .097 | .028 | .187 | .095 | .027 | .180 | .092 | .027 | .173 | .090 | .026 | |
| 8.0 | .186 | .091 | .026 | .182 | .090 | .025 | .175 | .088 | .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 | .079 | .022 | .161 | .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 | .221 | .221 | .221 | .189 | .189 | .189 | .129 | .129 | .129 | .074 | .074 | .074 | .024 | .024 | .024 | |
| 1.0 | .212 | .187 | .164 | .182 | .160 | .141 | .124 | .110 | .098 | .072 | .064 | .057 | .023 | .021 | .018 | |
| 2.0 | .205 | .163 | .128 | .175 | .140 | .111 | .120 | .097 | .077 | .069 | .056 | .045 | .022 | .018 | .015 | |
| 3.0 | .197 | .146 | .105 | .169 | .126 | .091 | .116 | .087 | .064 | .067 | .051 | .038 | .021 | .017 | .012 | |
| 4.0 | .189 | .133 | .089 | .162 | .115 | .078 | .112 | .080 | .055 | .065 | .047 | .032 | .021 | .015 | .011 | |
| 5.0 | .182 | .122 | .078 | .156 | .106 | .068 | .107 | .074 | .048 | .062 | .043 | .029 | .020 | .014 | .009 | |
| 6.0 | .174 | .114 | .071 | .150 | .099 | .062 | .103 | .069 | .044 | .060 | .041 | .026 | .019 | .013 | .009 | |
| 7.0 | .168 | .107 | .065 | .144 | .093 | .057 | .100 | .065 | .040 | .058 | .038 | .024 | .019 | .013 | .008 | |
| 8.0 | .161 | .101 | .060 | .139 | .088 | .053 | .096 | .062 | .037 | .056 | .036 | .022 | .018 | .012 | .007 | |
| 9.0 | .155 | .096 | .057 | .133 | .084 | .050 | .092 | .059 | .035 | .054 | .035 | .021 | .017 | .011 | .007 | |
| 10.0 | .149 | .092 | .054 | .129 | .080 | .047 | .089 | .056 | .034 | .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: 2025-05-19 | 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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | | | | | | | | | | |
| 灯具名称: SF28-24V-5050-72-R | | | | | 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 | 21.6 | 23.0 | 21.9 | 23.3 | 23.6 | 21.6 | 23.1 | 22.0 | 23.4 | 23.7 |
| | 3H | 23.2 | 24.5 | 23.5 | 24.9 | 25.2 | 23.3 | 24.7 | 23.7 | 25.0 | 25.3 |
| | 4H | 23.9 | 25.2 | 24.2 | 25.5 | 25.8 | 24.1 | 25.4 | 24.4 | 25.7 | 26.0 |
| | 6H | 24.4 | 25.7 | 24.8 | 26.0 | 26.4 | 24.7 | 25.9 | 25.1 | 26.3 | 26.6 |
| | 8H | 24.6 | 25.8 | 25.1 | 26.2 | 26.6 | 24.9 | 26.1 | 25.4 | 26.5 | 26.9 |
| | 12H | 24.8 | 25.9 | 25.2 | 26.3 | 26.7 | 25.1 | 26.3 | 25.6 | 26.7 | 27.0 |
| 4H | 2H | 22.2 | 23.5 | 22.6 | 23.8 | 24.2 | 22.3 | 23.6 | 22.6 | 23.9 | 24.2 |
| | 3H | 24.0 | 25.1 | 24.4 | 25.5 | 25.9 | 24.1 | 25.3 | 24.5 | 25.6 | 26.0 |
| | 4H | 24.8 | 25.9 | 25.3 | 26.3 | 26.7 | 25.0 | 26.1 | 25.5 | 26.5 | 26.9 |
| | 6H | 25.6 | 26.5 | 26.0 | 26.9 | 27.4 | 25.8 | 26.7 | 26.3 | 27.2 | 27.6 |
| | 8H | 25.8 | 26.7 | 26.3 | 27.1 | 27.6 | 26.1 | 27.0 | 26.6 | 27.4 | 27.9 |
| | 12H | 26.0 | 26.8 | 26.5 | 27.3 | 27.8 | 26.4 | 27.2 | 26.9 | 27.6 | 28.1 |
| 8H | 4H | 25.2 | 26.0 | 25.7 | 26.5 | 27.0 | 25.3 | 26.2 | 25.8 | 26.6 | 27.1 |
| | 6H | 26.1 | 26.8 | 26.6 | 27.3 | 27.8 | 26.3 | 27.0 | 26.8 | 27.5 | 28.0 |
| | 8H | 26.5 | 27.1 | 27.0 | 27.6 | 28.1 | 26.7 | 27.4 | 27.2 | 27.9 | 28.4 |
| | 12H | 26.8 | 27.3 | 27.3 | 27.8 | 28.4 | 27.1 | 27.6 | 27.6 | 28.2 | 28.7 |
| 12H | 4H | 25.2 | 26.0 | 25.7 | 26.5 | 27.0 | 25.4 | 26.1 | 25.8 | 26.6 | 27.1 |
| | 6H | 26.2 | 26.8 | 26.7 | 27.3 | 27.8 | 26.4 | 27.0 | 26.9 | 27.5 | 28.0 |
| | 8H | 26.6 | 27.2 | 27.1 | 27.7 | 28.2 | 26.9 | 27.4 | 27.4 | 27.9 | 28.5 |
| 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 / - 0.2 | | | | | + 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, 158.01m光源光通表格中的数据需要进行修正(81og(F/F0) = -6.4)。
出光口面积: 0.0165 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:2025-05-19 | 备注: |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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: |

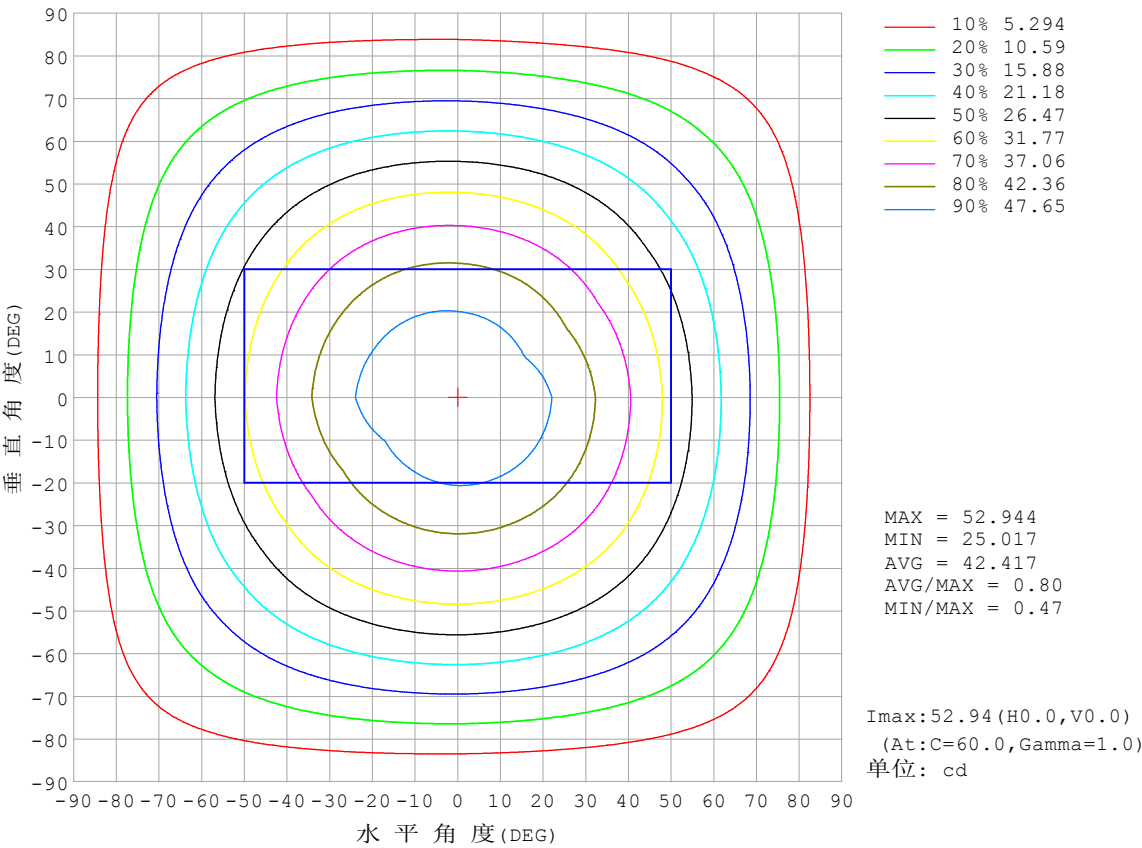
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|----------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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 | 44 | 37 | 55 | 44 | 37 | 53 | 43 | 37 | 30 |
| 0.80 | 65 | 54 | 46 | 64 | 53 | 46 | 62 | 52 | 45 | 38 |
| 1.00 | 74 | 62 | 55 | 72 | 62 | 54 | 70 | 63 | 54 | 46 |
| 1.25 | 81 | 70 | 62 | 79 | 69 | 62 | 76 | 67 | 61 | 53 |
| 1.50 | 86 | 75 | 68 | 84 | 74 | 68 | 80 | 72 | 66 | 58 |
| 2.00 | 93 | 84 | 77 | 91 | 82 | 76 | 86 | 80 | 74 | 65 |
| 2.50 | 97 | 89 | 82 | 94 | 87 | 81 | 90 | 84 | 79 | 69 |
| 3.00 | 100 | 93 | 87 | 98 | 91 | 86 | 93 | 88 | 83 | 73 |
| 4.00 | 104 | 98 | 93 | 102 | 96 | 92 | 97 | 92 | 88 | 78 |
| 5.00 | 107 | 102 | 97 | 104 | 99 | 95 | 99 | 95 | 92 | 81 |
| 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: 2025-05-19

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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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: |

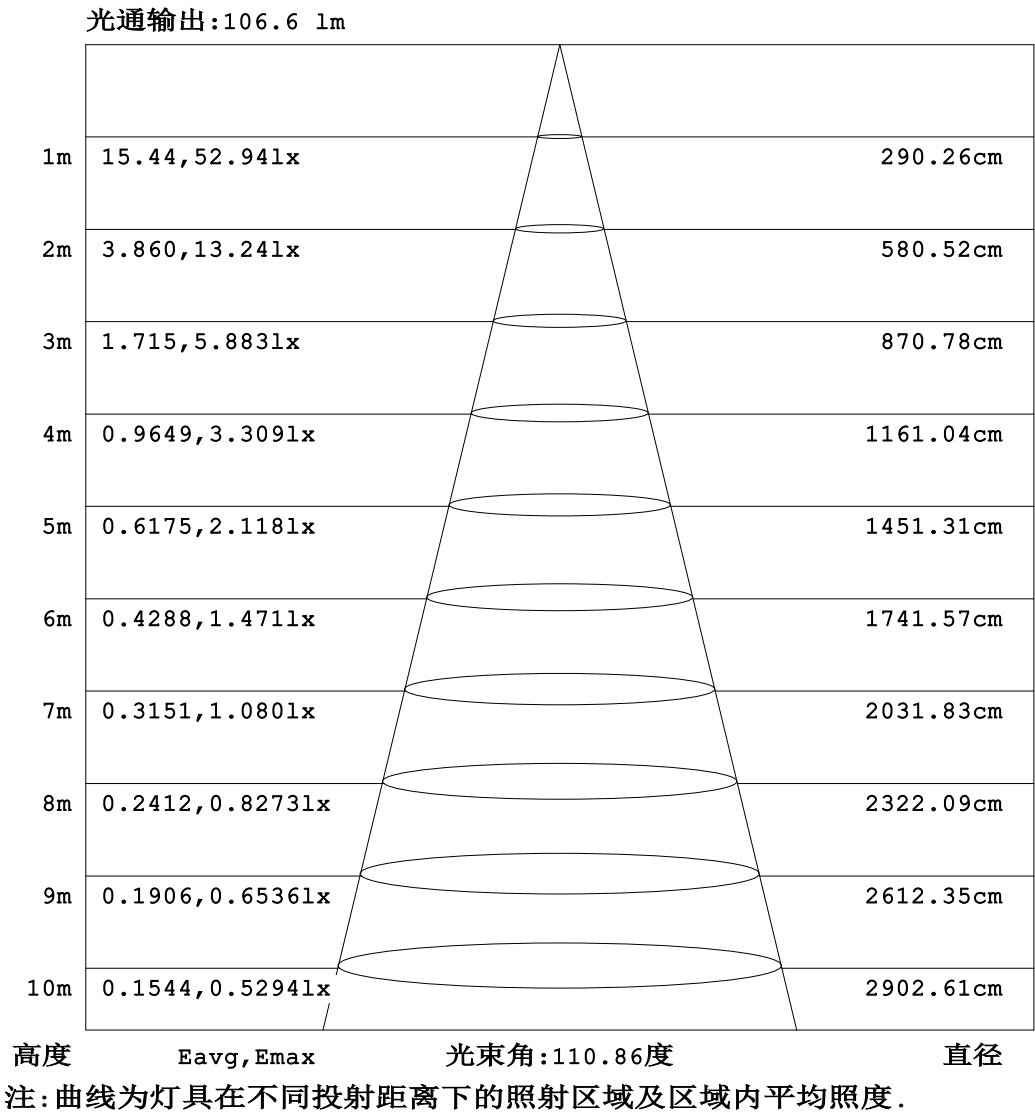


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-05-19

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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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: |

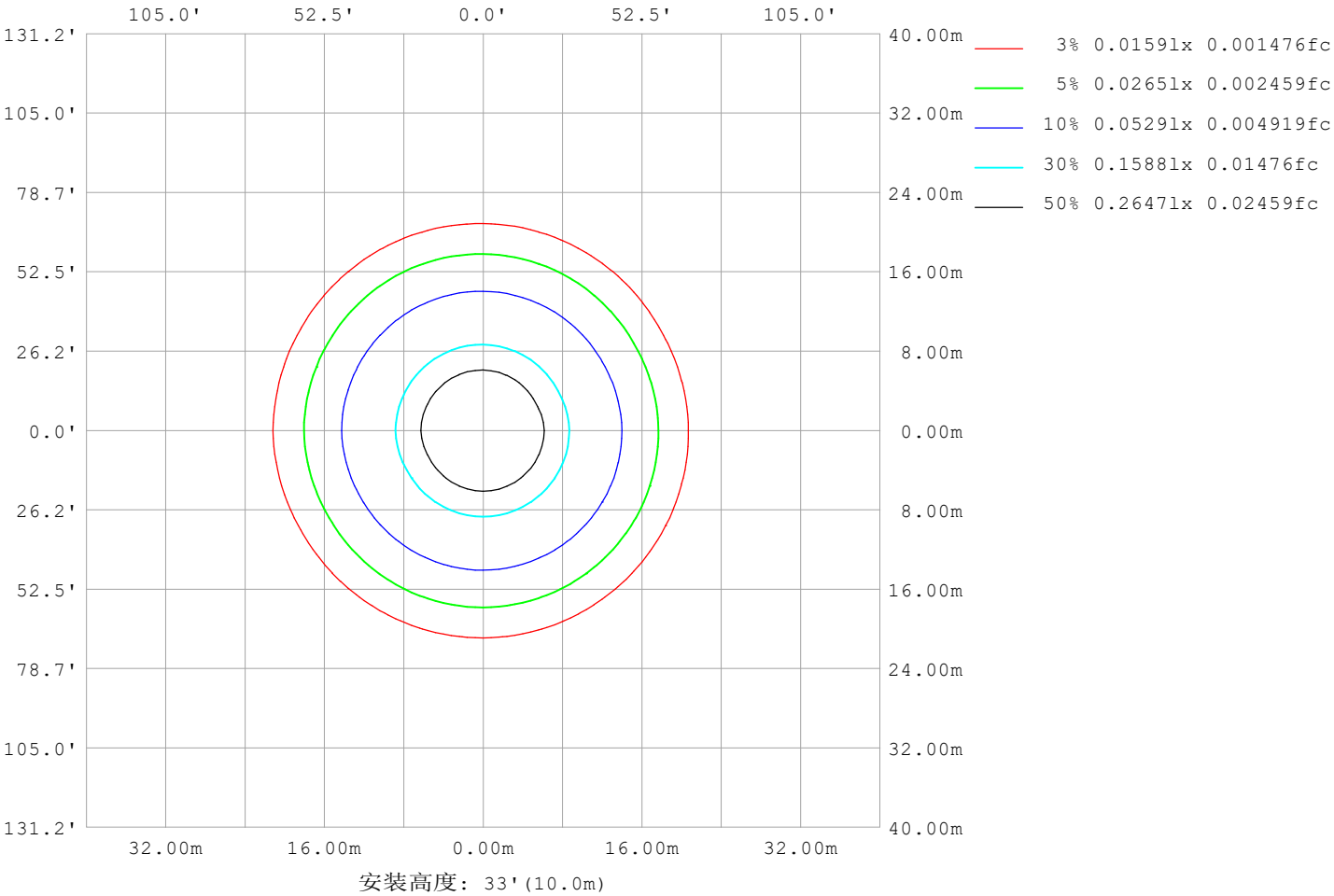


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-05-19

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:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 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: 2025-05-19

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

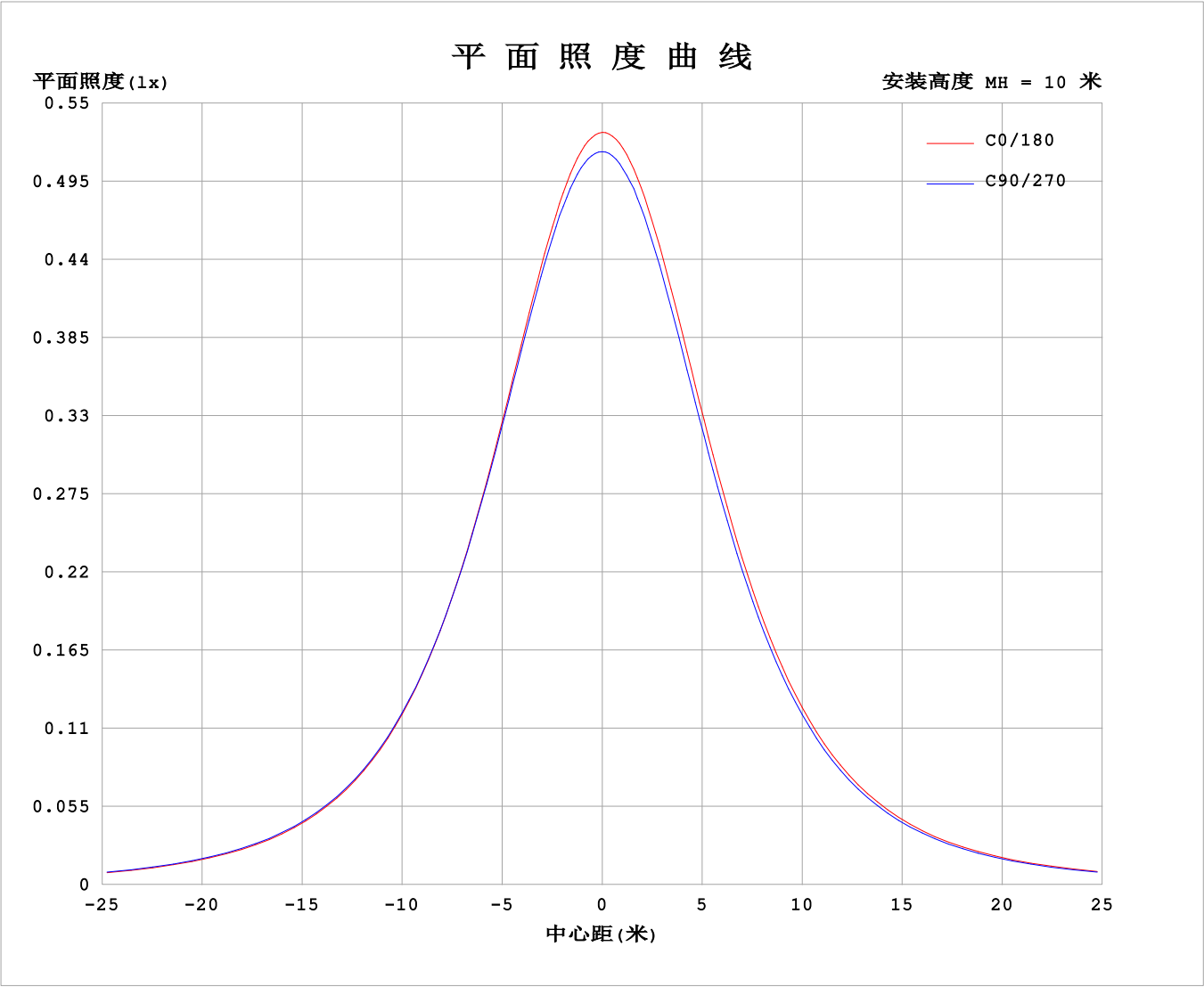
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | |
| 灯具名称: SF28-24V-5050-72-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 2726 |
| L横 (75) av | 2677 |
| L横 (85) av | 2829 |
| L纵 (65) av | 2778 |
| L纵 (75) av | 2758 |
| L纵 (85) av | 3002 |
| L45 (65) av | 2755 |
| L45 (75) av | 2714 |
| L45 (85) av | 2893 |

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: 2025-05-19 | 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: 2025-05-19

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:

光 强 分 布 数 据 表 格

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|-------|--|--|
| 实测参数: U:24.00V I:0.5187A P:12.45W PF:1.000 Freq:0Hz 实检光通: 158.016x1 lm | | | | | | | | | | | | | | | | | |
| 灯具名称: SF28-24V-5050-72-R | | | | | | | | | 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: | | |

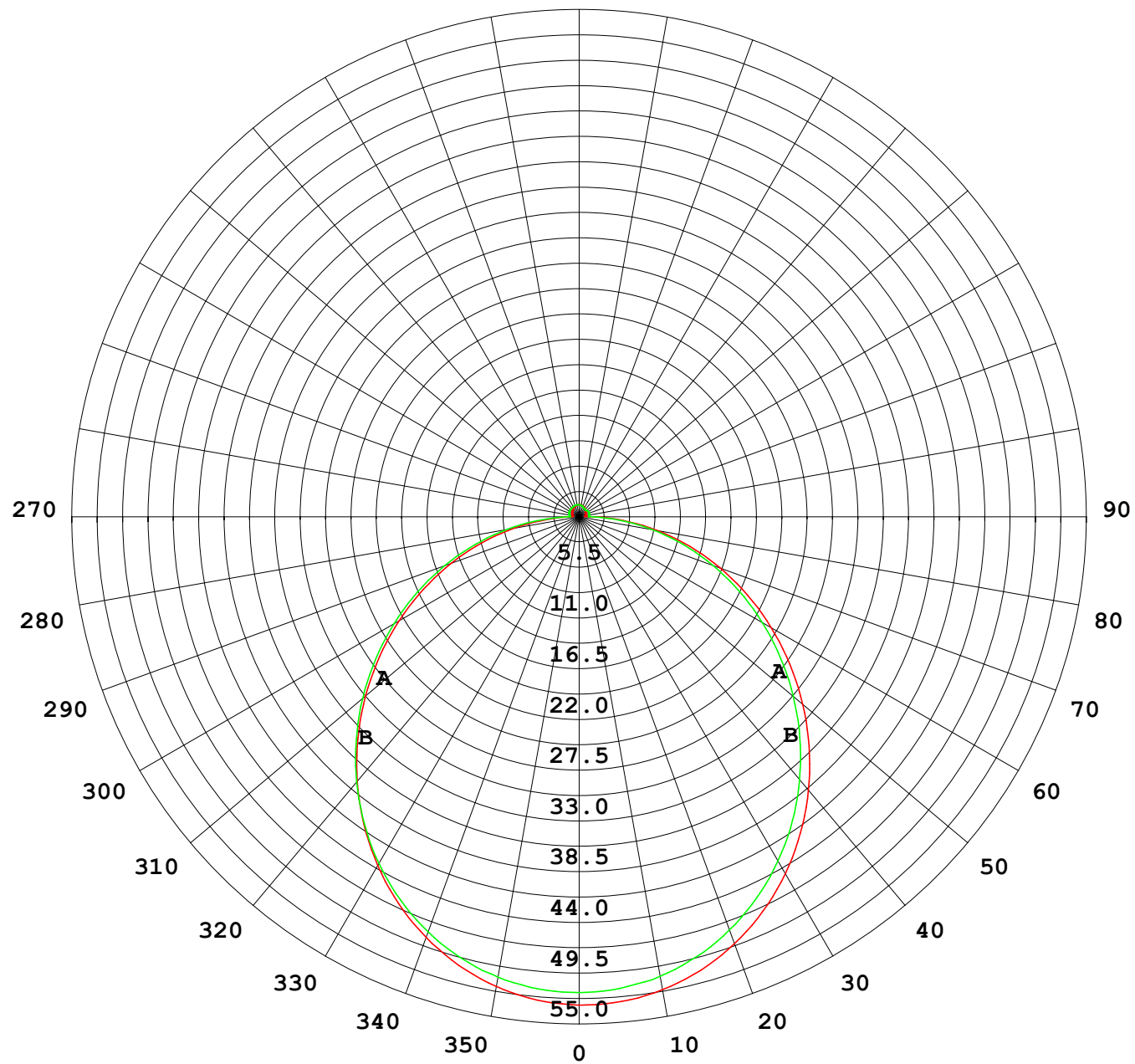
表--1单位: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | | | | | | |
| 5 | 51.5 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.6 | 51.6 | 51.6 | 51.6 | | | | | | |
| 10 | 50.7 | 50.8 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 50.9 | 50.9 | 50.9 | 50.8 | 50.7 | | | | | | |
| 15 | 49.3 | 49.6 | 49.6 | 49.8 | 49.9 | 49.8 | 49.9 | 49.8 | 49.8 | 49.6 | 49.6 | 49.4 | | | | | | |
| 20 | 47.5 | 47.8 | 48.0 | 48.2 | 48.2 | 48.3 | 48.2 | 48.2 | 48.1 | 47.9 | 47.8 | 47.6 | | | | | | |
| 25 | 45.4 | 45.7 | 45.9 | 46.1 | 46.2 | 46.2 | 46.2 | 46.1 | 46.1 | 45.9 | 45.7 | 45.5 | | | | | | |
| 30 | 42.8 | 43.2 | 43.4 | 43.7 | 43.7 | 43.8 | 43.8 | 43.7 | 43.6 | 43.3 | 43.2 | 42.9 | | | | | | |
| 35 | 39.9 | 40.3 | 40.6 | 40.8 | 40.9 | 41.0 | 41.0 | 40.9 | 40.8 | 40.5 | 40.4 | 40.0 | | | | | | |
| 40 | 36.7 | 37.1 | 37.4 | 37.7 | 37.9 | 37.9 | 37.9 | 37.8 | 37.7 | 37.4 | 37.2 | 36.9 | | | | | | |
| 45 | 33.2 | 33.7 | 34.0 | 34.4 | 34.5 | 34.6 | 34.6 | 34.4 | 34.3 | 34.0 | 33.8 | 33.4 | | | | | | |
| 50 | 29.6 | 30.1 | 30.5 | 30.8 | 31.0 | 31.0 | 31.0 | 30.9 | 30.8 | 30.5 | 30.2 | 29.9 | | | | | | |
| 55 | 25.9 | 26.3 | 26.7 | 27.1 | 27.2 | 27.3 | 27.3 | 27.2 | 27.1 | 26.8 | 26.5 | 26.1 | | | | | | |
| 60 | 22.1 | 22.5 | 22.9 | 23.3 | 23.4 | 23.5 | 23.6 | 23.4 | 23.4 | 23.1 | 22.8 | 22.3 | | | | | | |
| 65 | 18.3 | 18.7 | 19.1 | 19.5 | 19.6 | 19.7 | 19.8 | 19.6 | 19.6 | 19.3 | 18.9 | 18.5 | | | | | | |
| 70 | 14.5 | 14.8 | 15.2 | 15.6 | 15.8 | 15.9 | 16.0 | 15.8 | 15.8 | 15.5 | 15.1 | 14.7 | | | | | | |
| 75 | 10.7 | 11.0 | 11.4 | 11.8 | 11.9 | 12.1 | 12.2 | 12.0 | 12.0 | 11.8 | 11.4 | 11.0 | | | | | | |
| 80 | 7.01 | 7.31 | 7.60 | 7.98 | 8.16 | 8.30 | 8.41 | 8.30 | 8.27 | 8.09 | 7.65 | 7.26 | | | | | | |
| 85 | 3.41 | 3.66 | 3.89 | 4.21 | 4.40 | 4.58 | 4.73 | 4.60 | 4.59 | 4.43 | 3.97 | 3.62 | | | | | | |
| 90 | 1.20 | 1.24 | 1.16 | 1.01 | 1.28 | 1.60 | 1.73 | 1.52 | 1.35 | 1.06 | 1.09 | 1.14 | | | | | | |
| 95 | 0.68 | 0.82 | 0.96 | 1.06 | 0.98 | 0.82 | 0.63 | 0.66 | 0.88 | 1.06 | 0.84 | 0.63 | | | | | | |
| 100 | 0.70 | 0.87 | 1.01 | 1.12 | 1.02 | 0.85 | 0.64 | 0.64 | 0.92 | 1.10 | 0.88 | 0.65 | | | | | | |
| 105 | 0.76 | 0.91 | 1.05 | 1.17 | 1.07 | 0.90 | 0.68 | 0.69 | 0.95 | 1.13 | 0.90 | 0.69 | | | | | | |
| 110 | 0.81 | 0.95 | 1.10 | 1.20 | 1.10 | 0.94 | 0.73 | 0.73 | 0.98 | 1.16 | 0.93 | 0.73 | | | | | | |
| 115 | 0.86 | 1.00 | 1.12 | 1.23 | 1.13 | 0.99 | 0.77 | 0.77 | 0.98 | 1.18 | 0.92 | 0.78 | | | | | | |
| 120 | 0.90 | 1.03 | 1.15 | 1.25 | 1.15 | 1.03 | 0.82 | 0.82 | 0.98 | 1.18 | 0.92 | 0.82 | | | | | | |
| 125 | 0.94 | 1.06 | 1.17 | 1.26 | 1.18 | 1.06 | 0.87 | 0.85 | 0.98 | 1.12 | 0.93 | 0.85 | | | | | | |
| 130 | 0.98 | 1.10 | 1.19 | 1.27 | 1.20 | 1.10 | 0.91 | 0.89 | 0.99 | 1.07 | 0.93 | 0.90 | | | | | | |
| 135 | 1.02 | 1.12 | 1.20 | 1.27 | 1.21 | 1.13 | 0.95 | 0.94 | 0.99 | 1.04 | 0.95 | 0.90 | | | | | | |
| 140 | 1.06 | 1.16 | 1.22 | 1.28 | 1.23 | 1.16 | 1.00 | 1.00 | 1.02 | 1.02 | 0.97 | 0.93 | | | | | | |
| 145 | 1.10 | 1.18 | 1.23 | 1.29 | 1.24 | 1.19 | 1.05 | 1.04 | 1.06 | 1.02 | 1.01 | 0.98 | | | | | | |
| 150 | 1.14 | 1.21 | 1.24 | 1.30 | 1.25 | 1.22 | 1.10 | 1.09 | 1.12 | 1.05 | 1.06 | 1.03 | | | | | | |
| 155 | 1.17 | 1.23 | 1.26 | 1.31 | 1.28 | 1.25 | 1.15 | 1.14 | 1.17 | 1.12 | 1.15 | 1.07 | | | | | | |
| 160 | 1.21 | 1.26 | 1.27 | 1.32 | 1.29 | 1.27 | 1.19 | 1.18 | 1.22 | 1.18 | 1.20 | 1.12 | | | | | | |
| 165 | 1.25 | 1.28 | 1.29 | 1.33 | 1.30 | 1.29 | 1.24 | 1.23 | 1.27 | 1.24 | 1.25 | 1.17 | | | | | | |
| 170 | 1.27 | 1.30 | 1.29 | 1.33 | 1.30 | 1.31 | 1.28 | 1.26 | 1.30 | 1.27 | 1.30 | 1.25 | | | | | | |
| 175 | 1.29 | 1.32 | 1.30 | 1.33 | 1.31 | 1.32 | 1.30 | 1.29 | 1.33 | 1.31 | 1.32 | 1.28 | | | | | | |
| 180 | 1.30 | 1.32 | 1.32 | 1.33 | 1.32 | 1.32 | 1.31 | 1.30 | 1.33 | 1.32 | 1.33 | 1.31 | | | | | | |

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: 2025-05-19

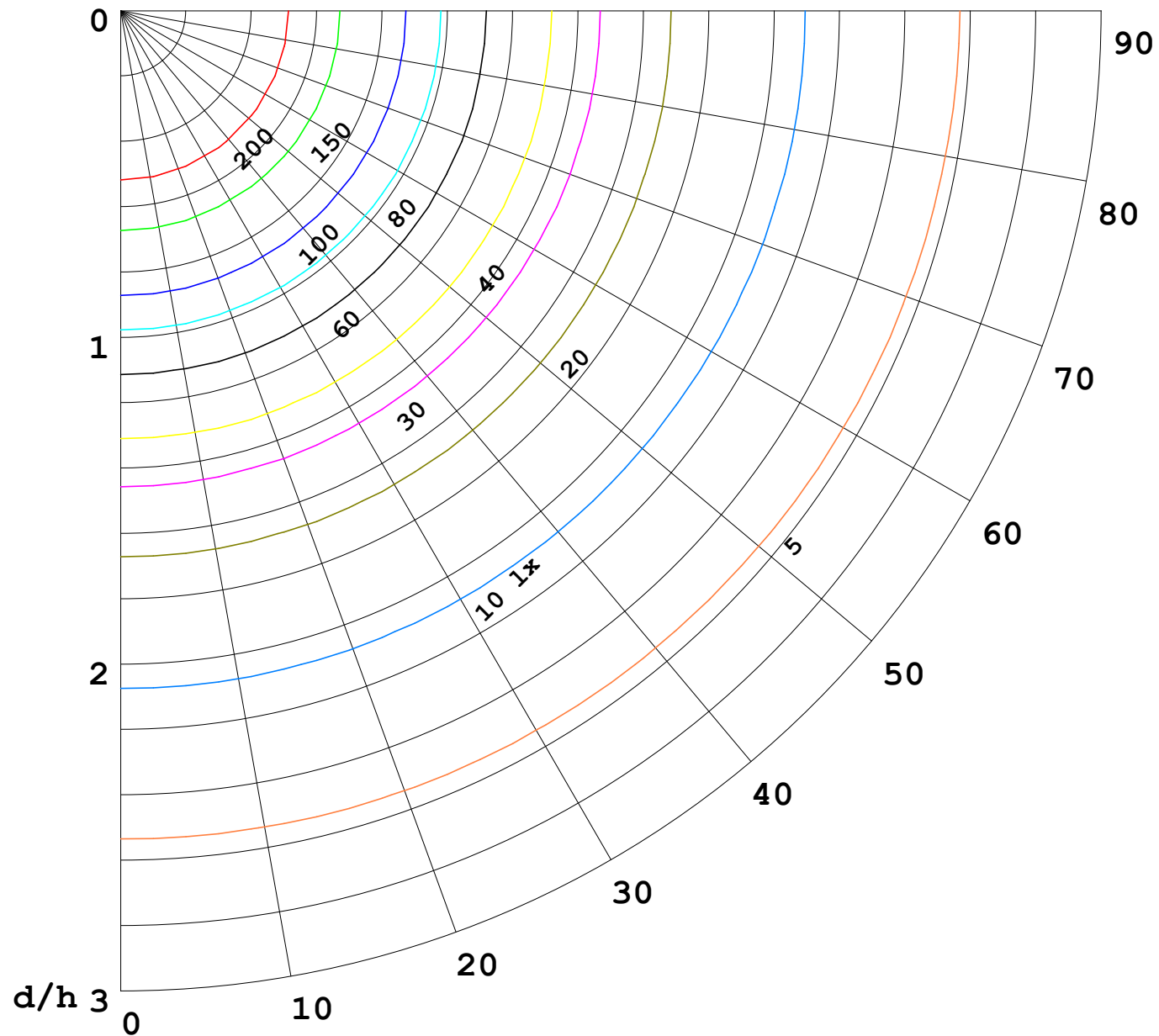
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1 系统 V2.00.488
环境湿度: 65.0%
测试距离: 6.360米 [K=1.0000]
备注:

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 |

