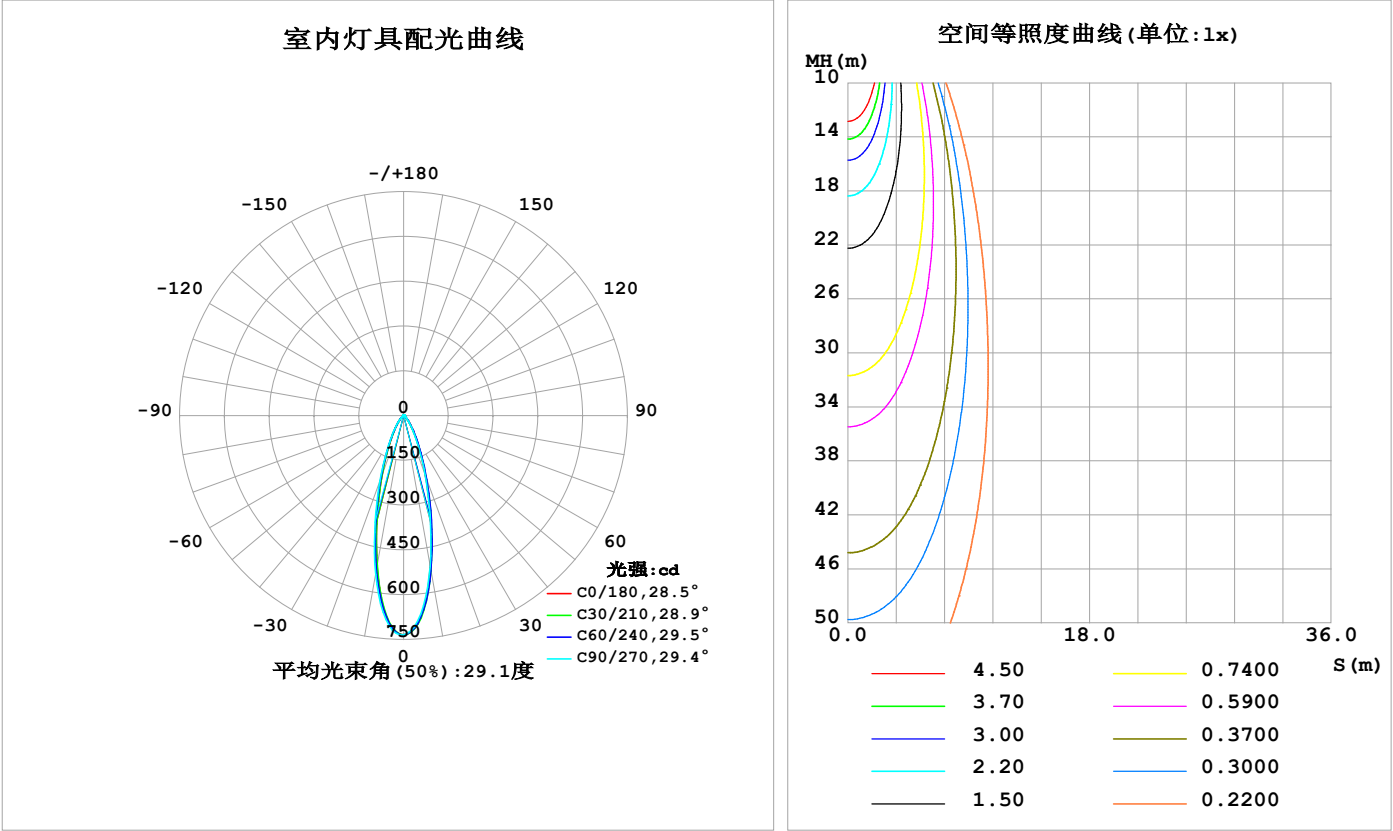


室内灯具光度数据

| | | | | | |
|---|--|--|-----------------|--|-------|
| 实测参数: U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz | | | | | |
| 实检光通: 277.629x1 lm | | | | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100 | | | 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: 16.63 lm/W |
|-----------|---------|----------|--------|-------------------|----------|----------------|
| 型号 | 3030 | 峰值光强(cd) | 736.8 | S/MH(C0/180) | 0.47 | |
| 标称功率(W) | | 灯具效率(%) | 100.0 | S/MH(C90/270) | 0.50 | |
| 额定电源电压(V) | 24 | 总光通量(lm) | 277.63 | η UP,DN(C0-180) | 2.0,47.0 | |
| 额定光通量(lm) | 277.629 | CIE分类 | 直接 | η UP,DN(C180-360) | 1.8,49.1 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 3.9 | CIBSE SHR NOM | 0.50 | |
| 实测电源电压(V) | | 下射光通比(%) | 96.1 | CIBSE SHR MAX | 0.50 | |



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: 2025-04-23

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 | 516.2 | 528.4 | 513.2 | 489.4 | 512.2 | 518.7 | 539.7 | 547.1 | 0- 10 | 59.38 | 59.38 | 21.4, 21.4 |
| 20 | 214.8 | 224.2 | 212.0 | 196.3 | 212.6 | 218.1 | 233.5 | 235.9 | 10- 20 | 96.78 | 156.2 | 56.2, 56.2 |
| 30 | 77.41 | 79.82 | 73.62 | 68.72 | 76.14 | 74.98 | 81.10 | 83.26 | 20- 30 | 61.00 | 217.2 | 78.2, 78.2 |
| 40 | 27.61 | 28.97 | 26.86 | 24.81 | 27.30 | 26.59 | 28.61 | 29.53 | 30- 40 | 29.61 | 246.8 | 88.9, 88.9 |
| 50 | 7.475 | 8.687 | 8.567 | 7.190 | 7.657 | 7.796 | 8.763 | 8.382 | 40- 50 | 12.41 | 259.2 | 93.4, 93.4 |
| 60 | 1.908 | 2.317 | 2.668 | 2.048 | 1.961 | 2.167 | 2.614 | 2.137 | 50- 60 | 3.855 | 263.0 | 94.7, 94.7 |
| 70 | 1.185 | 1.392 | 1.801 | 1.256 | 1.093 | 1.294 | 1.593 | 1.210 | 60- 70 | 1.630 | 264.7 | 95.3, 95.3 |
| 80 | 0.9678 | 1.097 | 1.450 | 1.016 | 0.8703 | 1.001 | 1.263 | 0.9523 | 70- 80 | 1.250 | 265.9 | 95.8, 95.8 |
| 90 | 0.7795 | 0.8309 | 0.9279 | 0.8109 | 0.7335 | 0.7780 | 0.8519 | 0.7823 | 80- 90 | 1.018 | 266.9 | 96.1, 96.1 |
| 100 | 0.7762 | 0.8110 | 0.8543 | 0.8215 | 0.7823 | 0.8211 | 0.7933 | 0.7982 | 90-100 | 0.8611 | 267.8 | 96.5, 96.5 |
| 110 | 0.9530 | 1.017 | 1.098 | 1.053 | 0.9879 | 1.038 | 1.025 | 0.9873 | 100-110 | 0.9493 | 268.7 | 96.8, 96.8 |
| 120 | 1.429 | 1.501 | 1.602 | 1.572 | 1.439 | 1.471 | 1.442 | 1.400 | 110-120 | 1.220 | 270.0 | 97.2, 97.2 |
| 130 | 2.168 | 2.202 | 2.259 | 2.291 | 2.039 | 2.015 | 1.957 | 1.959 | 120-130 | 1.604 | 271.6 | 97.8, 97.8 |
| 140 | 2.893 | 2.851 | 2.821 | 2.937 | 2.486 | 2.446 | 2.366 | 2.408 | 130-140 | 1.854 | 273.4 | 98.5, 98.5 |
| 150 | 3.276 | 3.181 | 3.099 | 3.253 | 2.694 | 2.670 | 2.571 | 2.625 | 140-150 | 1.765 | 275.2 | 99.1, 99.1 |
| 160 | 3.268 | 3.143 | 3.078 | 3.229 | 2.733 | 2.736 | 2.609 | 2.654 | 150-160 | 1.363 | 276.6 | 99.6, 99.6 |
| 170 | 2.951 | 2.873 | 2.954 | 3.001 | 2.710 | 2.753 | 2.681 | 2.622 | 160-170 | 0.8173 | 277.4 | 99.9, 99.9 |
| 180 | 2.749 | 2.816 | 2.907 | 2.816 | 2.746 | 2.816 | 2.893 | 2.806 | 170-180 | 0.2675 | 277.6 | 100, 100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度)：254.56 lm

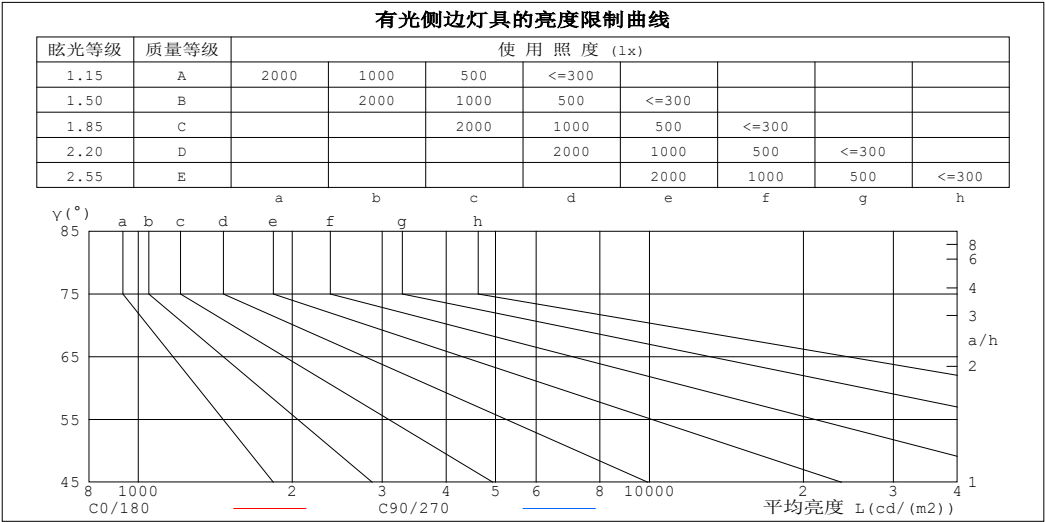
%lum = 91.7%
%lamp = 91.7%

锥面光通量(130度)：263.93 lm

%lum = 95.1%
%lamp = 95.1%

灯具亮度限制曲线

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000 | 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 | 261 | 352 |
| 80 | 144 | 212 |
| 75 | 106 | 160 |
| 70 | 89 | 134 |
| 65 | 85 | 123 |
| 60 | 98 | 136 |
| 55 | 155 | 200 |
| 50 | 300 | 339 |
| 45 | 552 | 564 |

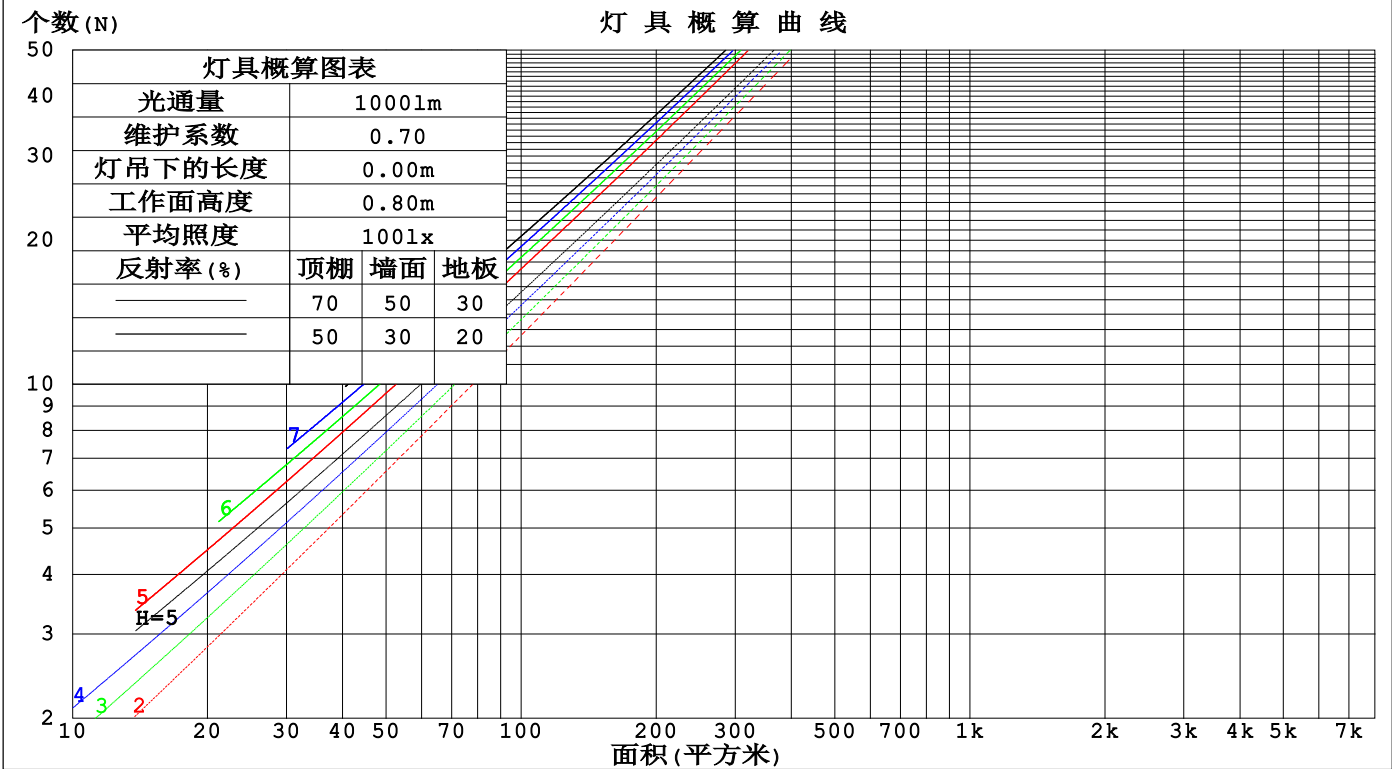
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | | 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100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 | 1.04 | 1.04 | 1.04 | .99 | .99 | .99 | .96 |
| 1.0 | 1.10 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.03 | 1.01 | .00 | .99 | .97 | .96 | .95 | .94 | .93 | .91 |
| 2.0 | 1.03 | .00 | .96 | 1.01 | .98 | .95 | .97 | .95 | .92 | .94 | .92 | .90 | .91 | .89 | .87 | .86 |
| 3.0 | .97 | .93 | .89 | .96 | .91 | .88 | .93 | .89 | .86 | .90 | .87 | .84 | .87 | .85 | .83 | .81 |
| 4.0 | .92 | .87 | .83 | .91 | .86 | .82 | .88 | .84 | .81 | .86 | .82 | .80 | .83 | .81 | .78 | .77 |
| 5.0 | .87 | .82 | .78 | .86 | .81 | .78 | .84 | .80 | .76 | .82 | .78 | .75 | .80 | .77 | .75 | .73 |
| 6.0 | .83 | .77 | .74 | .82 | .77 | .73 | .80 | .76 | .73 | .78 | .75 | .72 | .77 | .73 | .71 | .70 |
| 7.0 | .79 | .74 | .70 | .78 | .73 | .70 | .77 | .72 | .69 | .75 | .71 | .68 | .74 | .70 | .68 | .66 |
| 8.0 | .75 | .70 | .67 | .75 | .70 | .66 | .73 | .69 | .66 | .72 | .68 | .65 | .71 | .67 | .65 | .64 |
| 9.0 | .72 | .67 | .64 | .72 | .67 | .63 | .70 | .66 | .63 | .69 | .65 | .63 | .68 | .65 | .62 | .61 |
| 10.0 | .69 | .64 | .61 | .69 | .64 | .61 | .68 | .63 | .60 | .67 | .63 | .60 | .66 | .62 | .60 | .59 |



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: 2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | | | | | | | | | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100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 | .170 | .097 | .031 | .162 | .092 | .029 | .147 | .085 | .027 | .134 | .077 | .025 | .121 | .070 | .023 | |
| 2.0 | .159 | .087 | .027 | .152 | .084 | .026 | .140 | .078 | .024 | .128 | .072 | .023 | .118 | .067 | .021 | |
| 3.0 | .149 | .079 | .024 | .143 | .077 | .023 | .133 | .072 | .022 | .123 | .067 | .021 | .113 | .063 | .019 | |
| 4.0 | .141 | .073 | .021 | .136 | .071 | .021 | .126 | .067 | .020 | .117 | .063 | .019 | .109 | .059 | .018 | |
| 5.0 | .133 | .068 | .020 | .128 | .066 | .019 | .120 | .063 | .018 | .113 | .059 | .018 | .105 | .056 | .017 | |
| 6.0 | .126 | .063 | .018 | .122 | .062 | .018 | .115 | .059 | .017 | .108 | .056 | .016 | .102 | .053 | .016 | |
| 7.0 | .120 | .059 | .017 | .116 | .058 | .016 | .110 | .055 | .016 | .104 | .053 | .015 | .098 | .051 | .015 | |
| 8.0 | .114 | .056 | .016 | .111 | .055 | .015 | .105 | .052 | .015 | .100 | .050 | .015 | .094 | .048 | .014 | |
| 9.0 | .109 | .053 | .015 | .106 | .052 | .015 | .101 | .050 | .014 | .096 | .048 | .014 | .091 | .046 | .013 | |
| 10.0 | .104 | .050 | .014 | .102 | .049 | .014 | .097 | .047 | .013 | .092 | .046 | .013 | .088 | .044 | .013 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .128 | .128 | .128 | .074 | .074 | .074 | .024 | .024 | .024 | |
| 1.0 | .200 | .187 | .175 | .171 | .160 | .151 | .117 | .110 | .104 | .067 | .064 | .061 | .022 | .021 | .020 | |
| 2.0 | .184 | .162 | .144 | .158 | .140 | .124 | .108 | .097 | .087 | .062 | .056 | .051 | .020 | .018 | .017 | |
| 3.0 | .171 | .143 | .121 | .147 | .124 | .105 | .101 | .086 | .074 | .058 | .050 | .043 | .019 | .016 | .014 | |
| 4.0 | .160 | .129 | .105 | .137 | .111 | .091 | .095 | .077 | .064 | .055 | .045 | .038 | .018 | .015 | .012 | |
| 5.0 | .151 | .117 | .092 | .130 | .101 | .080 | .089 | .071 | .056 | .052 | .041 | .033 | .017 | .014 | .011 | |
| 6.0 | .143 | .107 | .082 | .123 | .093 | .071 | .085 | .065 | .051 | .049 | .038 | .030 | .016 | .013 | .010 | |
| 7.0 | .136 | .100 | .074 | .117 | .086 | .065 | .081 | .061 | .046 | .047 | .036 | .027 | .015 | .012 | .009 | |
| 8.0 | .130 | .093 | .068 | .112 | .081 | .060 | .077 | .057 | .042 | .045 | .034 | .025 | .015 | .011 | .008 | |
| 9.0 | .124 | .088 | .063 | .107 | .076 | .055 | .074 | .054 | .039 | .043 | .032 | .023 | .014 | .010 | .008 | |
| 10.0 | .120 | .083 | .059 | .103 | .072 | .052 | .072 | .051 | .037 | .042 | .030 | .022 | .014 | .010 | .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: 2025-04-23 | 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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | | | | | | | | | | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000 | | | | | | 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 | 8.3 | 9.1 | 8.6 | 9.3 | 9.5 | 8.5 | 9.3 | 8.8 | 9.6 | 9.8 | |
| | 3H | 8.2 | 9.0 | 8.5 | 9.2 | 9.5 | 8.6 | 9.3 | 8.9 | 9.6 | 9.9 | |
| | 4H | 8.3 | 9.0 | 8.6 | 9.2 | 9.5 | 8.7 | 9.4 | 9.0 | 9.7 | 10.0 | |
| | 6H | 8.3 | 9.0 | 8.7 | 9.3 | 9.6 | 8.9 | 9.6 | 9.3 | 9.9 | 10.2 | |
| | 8H | 8.4 | 9.1 | 8.8 | 9.4 | 9.7 | 9.1 | 9.8 | 9.5 | 10.1 | 10.4 | |
| | 12H | 8.6 | 9.2 | 9.0 | 9.5 | 9.9 | 9.4 | 10.0 | 9.8 | 10.3 | 10.7 | |
| 4H | 2H | 8.1 | 8.8 | 8.4 | 9.1 | 9.4 | 8.4 | 9.1 | 8.7 | 9.3 | 9.6 | |
| | 3H | 8.1 | 8.7 | 8.5 | 9.1 | 9.4 | 8.5 | 9.1 | 8.9 | 9.4 | 9.8 | |
| | 4H | 8.2 | 8.8 | 8.6 | 9.1 | 9.5 | 8.7 | 9.3 | 9.1 | 9.6 | 10.0 | |
| | 6H | 8.4 | 8.9 | 8.8 | 9.3 | 9.7 | 9.1 | 9.6 | 9.5 | 10.0 | 10.4 | |
| | 8H | 8.6 | 9.1 | 9.0 | 9.5 | 9.9 | 9.4 | 9.9 | 9.9 | 10.3 | 10.7 | |
| | 12H | 8.9 | 9.3 | 9.3 | 9.7 | 10.2 | 9.9 | 10.3 | 10.3 | 10.7 | 11.2 | |
| 8H | 4H | 8.2 | 8.7 | 8.7 | 9.1 | 9.5 | 8.7 | 9.1 | 9.1 | 9.5 | 10.0 | |
| | 6H | 8.5 | 8.9 | 9.0 | 9.4 | 9.9 | 9.2 | 9.6 | 9.7 | 10.1 | 10.6 | |
| | 8H | 8.8 | 9.2 | 9.3 | 9.6 | 10.2 | 9.7 | 10.0 | 10.2 | 10.5 | 11.0 | |
| | 12H | 9.3 | 9.6 | 9.8 | 10.1 | 10.6 | 10.3 | 10.6 | 10.9 | 11.1 | 11.7 | |
| 12H | 4H | 8.2 | 8.6 | 8.7 | 9.1 | 9.5 | 8.6 | 9.1 | 9.1 | 9.5 | 10.0 | |
| | 6H | 8.6 | 8.9 | 9.1 | 9.4 | 9.9 | 9.3 | 9.6 | 9.8 | 10.1 | 10.6 | |
| | 8H | 8.9 | 9.2 | 9.5 | 9.7 | 10.3 | 9.8 | 10.1 | 10.3 | 10.6 | 11.1 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 1.8 / - 2.8 | | | | | | + 1.4 / - 2.0 | | | | |
| 1.5H | | + 3.1 / - 2.7 | | | | | | + 2.3 / - 2.0 | | | | |
| 2.0H | | + 3.2 / - 1.6 | | | | | | + 2.6 / - 1.1 | | | | |

依据CIE Pub.117计算, 277.6lm光源光通表格中的数据需要进行修正(8log(F/F0) = -4.5)。
出光口面积: 0.0392 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:2025-04-23 | 备注: |

UF利用系数表

| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000 | 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: |

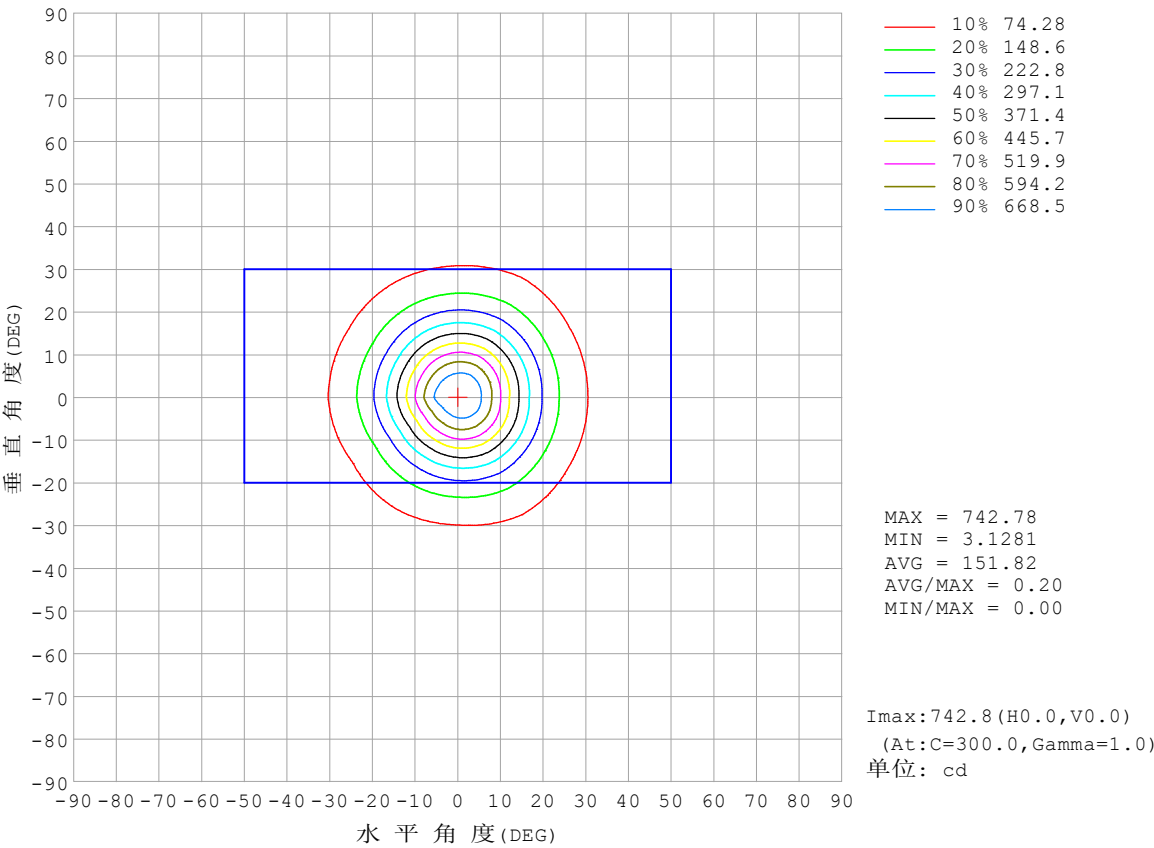
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 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 | 85 | 78 | 74 | 84 | 78 | 74 | 83 | 77 | 74 | 70 |
| 0.80 | 92 | 86 | 82 | 91 | 86 | 82 | 90 | 85 | 81 | 77 |
| 1.00 | 97 | 91 | 87 | 96 | 90 | 87 | 94 | 90 | 86 | 81 |
| 1.25 | 101 | 95 | 92 | 100 | 95 | 91 | 97 | 93 | 90 | 85 |
| 1.50 | 104 | 99 | 95 | 102 | 98 | 94 | 99 | 96 | 93 | 88 |
| 2.00 | 107 | 102 | 99 | 105 | 101 | 98 | 102 | 98 | 96 | 90 |
| 2.50 | 108 | 104 | 101 | 106 | 103 | 100 | 103 | 100 | 98 | 91 |
| 3.00 | 110 | 106 | 103 | 108 | 105 | 102 | 104 | 101 | 99 | 92 |
| 4.00 | 112 | 109 | 107 | 110 | 107 | 105 | 106 | 103 | 102 | 93 |
| 5.00 | 114 | 111 | 109 | 111 | 109 | 107 | 106 | 105 | 103 | 94 |
| 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: 2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100 | 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: |

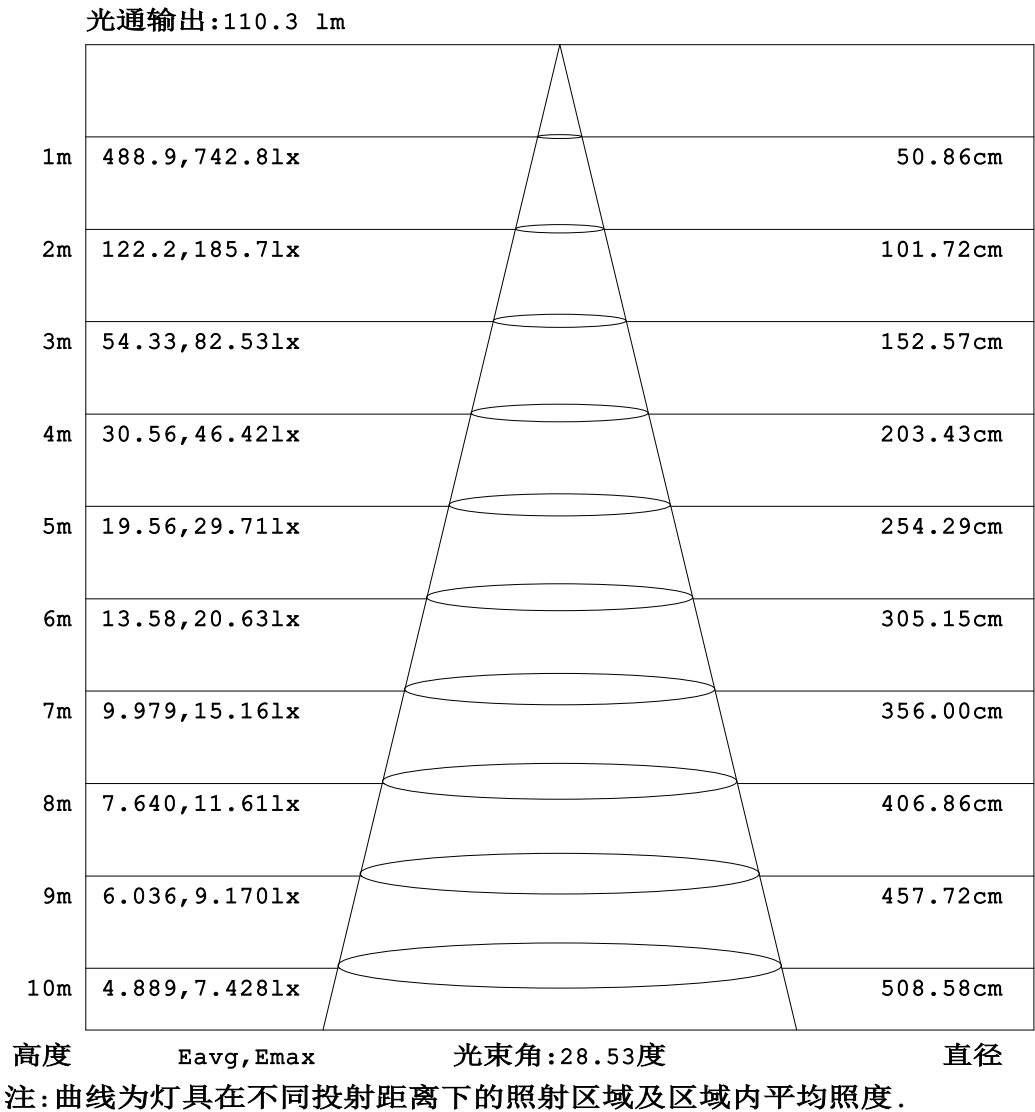


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员:
测试日期: 2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000 | 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: |

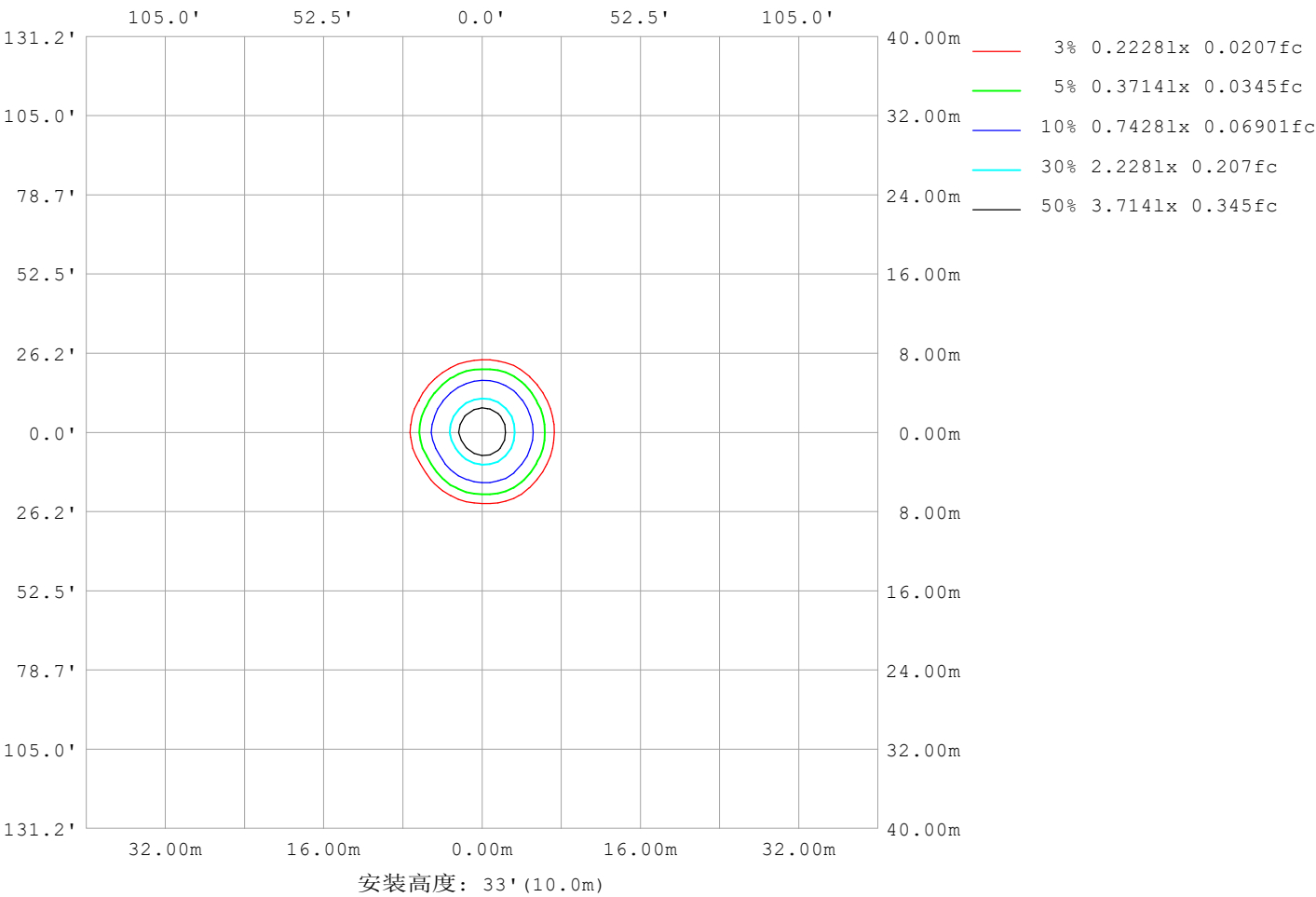


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度:25.3℃
测试人员:
测试日期:2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100 | 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: 2025-04-23

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

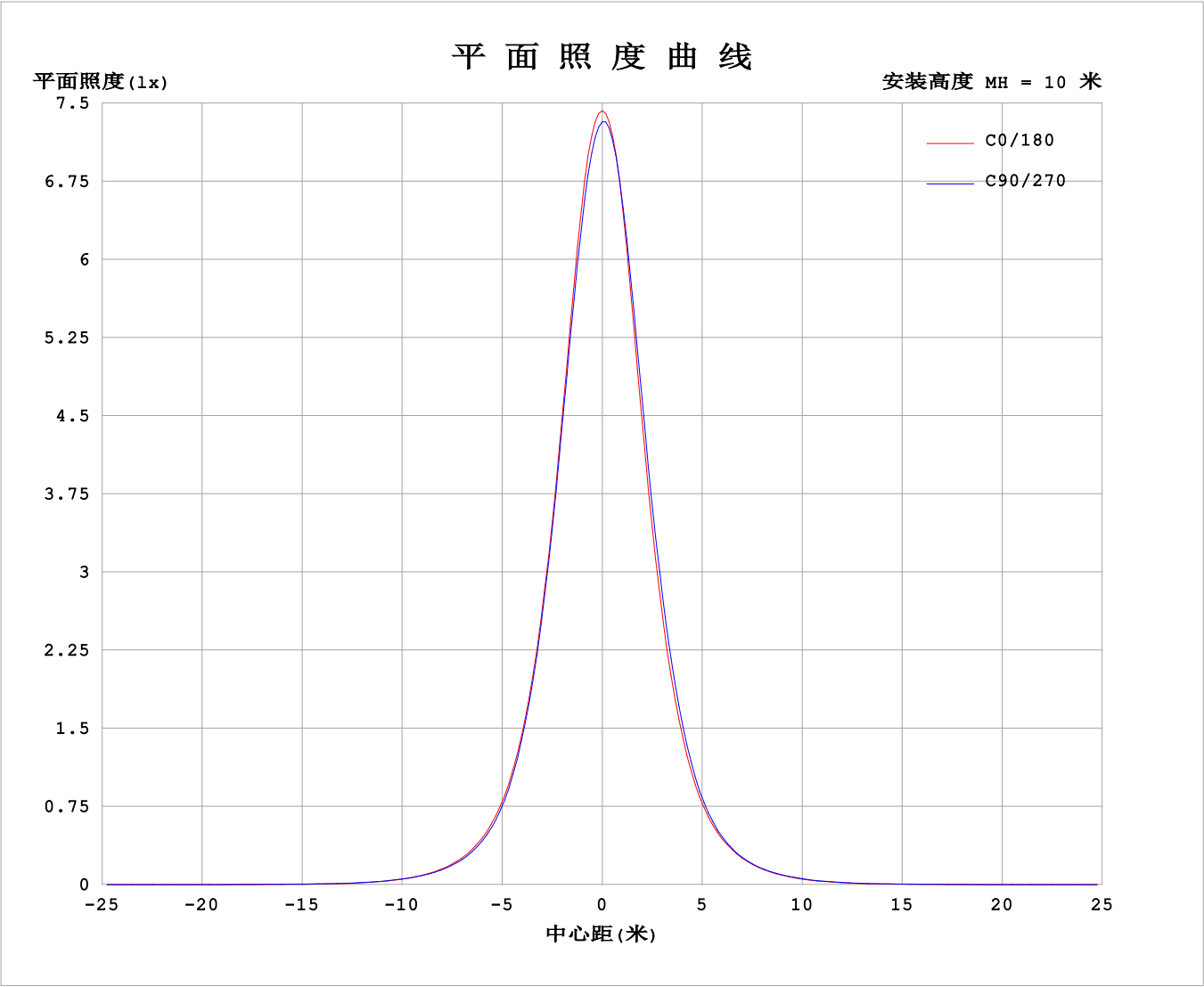
| | | |
|---|-----------------|-------|
| 实测参数: U:24.00V I:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-100 | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: Length=1m | 测试编号: |
| 制造厂商: OLympia lighting | 发光口面: | 遮光角: |

| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 83 |
| L横 (75) av | 99 |
| L横 (85) av | 246 |
| L纵 (65) av | 119 |
| L纵 (75) av | 150 |
| L纵 (85) av | 334 |
| L45 (65) av | 92 |
| L45 (75) av | 110 |
| L45 (85) av | 262 |

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:2025-04-23 | 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: 2025-04-23

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:0.6958A P:16.70W PF:1.000 Freq:0Hz 实检光通: 277.629x1 lm | | | | | | | | | | | | | | | | | | |
| 灯具名称: AW01-24V-3030-18-DMX4-RGBW(4000K)-80-40-A-1000mm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: | | | | | |

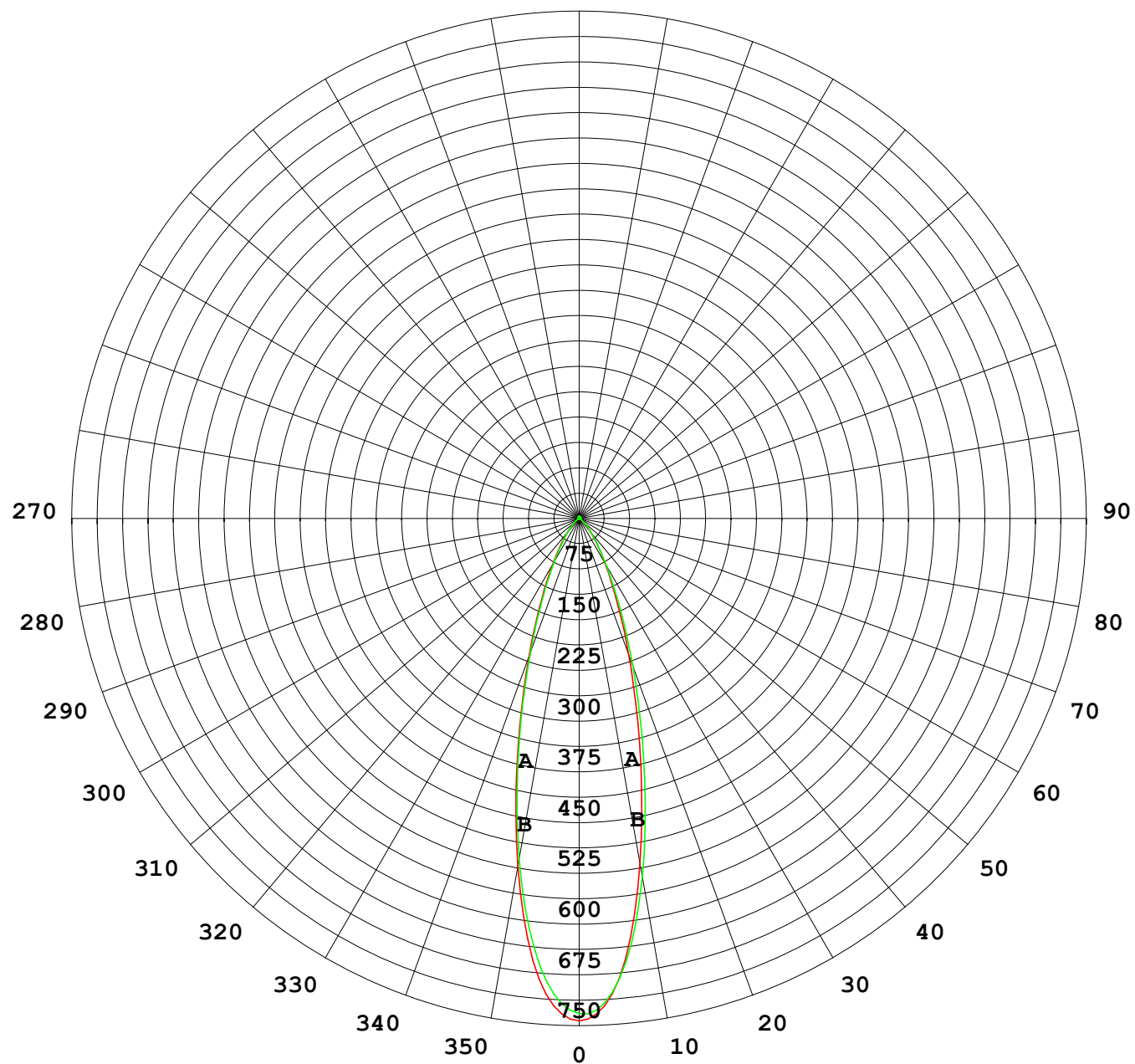
表--1单位: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | 735 | | | | | | |
| 5 | 675 | 680 | 676 | 667 | 656 | 655 | 675 | 671 | 676 | 686 | 695 | 693 | | | | | | |
| 10 | 516 | 528 | 529 | 513 | 493 | 486 | 512 | 511 | 526 | 540 | 552 | 543 | | | | | | |
| 15 | 346 | 357 | 362 | 344 | 326 | 317 | 343 | 343 | 359 | 371 | 382 | 369 | | | | | | |
| 20 | 215 | 221 | 227 | 212 | 200 | 192 | 213 | 212 | 224 | 234 | 242 | 230 | | | | | | |
| 25 | 130 | 131 | 138 | 125 | 120 | 111 | 128 | 124 | 133 | 139 | 146 | 136 | | | | | | |
| 30 | 77.4 | 76.8 | 82.9 | 73.6 | 72.0 | 65.5 | 76.1 | 72.5 | 77.4 | 81.1 | 87.2 | 79.3 | | | | | | |
| 35 | 46.7 | 46.3 | 49.9 | 44.3 | 43.4 | 39.7 | 46.2 | 43.3 | 45.8 | 48.0 | 52.1 | 47.6 | | | | | | |
| 40 | 27.6 | 28.0 | 29.9 | 26.9 | 25.8 | 23.8 | 27.3 | 26.0 | 27.2 | 28.6 | 30.4 | 28.6 | | | | | | |
| 45 | 15.1 | 16.0 | 17.1 | 15.7 | 14.5 | 13.4 | 15.1 | 14.6 | 15.4 | 16.4 | 17.0 | 16.1 | | | | | | |
| 50 | 7.48 | 8.31 | 9.07 | 8.57 | 7.50 | 6.88 | 7.66 | 7.52 | 8.08 | 8.76 | 8.62 | 8.14 | | | | | | |
| 55 | 3.45 | 4.00 | 4.51 | 4.50 | 3.76 | 3.38 | 3.63 | 3.65 | 4.05 | 4.50 | 4.19 | 3.84 | | | | | | |
| 60 | 1.91 | 2.14 | 2.49 | 2.67 | 2.20 | 1.90 | 1.96 | 2.02 | 2.31 | 2.61 | 2.28 | 2.00 | | | | | | |
| 65 | 1.39 | 1.51 | 1.80 | 2.05 | 1.62 | 1.38 | 1.36 | 1.45 | 1.66 | 1.90 | 1.58 | 1.37 | | | | | | |
| 70 | 1.18 | 1.26 | 1.52 | 1.80 | 1.35 | 1.16 | 1.09 | 1.21 | 1.38 | 1.59 | 1.30 | 1.12 | | | | | | |
| 75 | 1.06 | 1.11 | 1.35 | 1.62 | 1.20 | 1.03 | 0.95 | 1.06 | 1.19 | 1.41 | 1.12 | 0.99 | | | | | | |
| 80 | 0.97 | 0.98 | 1.22 | 1.45 | 1.09 | 0.95 | 0.87 | 0.95 | 1.06 | 1.26 | 0.99 | 0.91 | | | | | | |
| 85 | 0.88 | 0.86 | 1.07 | 1.21 | 0.96 | 0.86 | 0.80 | 0.86 | 0.91 | 1.07 | 0.88 | 0.84 | | | | | | |
| 90 | 0.78 | 0.79 | 0.87 | 0.93 | 0.83 | 0.79 | 0.73 | 0.78 | 0.78 | 0.85 | 0.80 | 0.77 | | | | | | |
| 95 | 0.77 | 0.77 | 0.80 | 0.81 | 0.81 | 0.78 | 0.75 | 0.77 | 0.80 | 0.77 | 0.78 | 0.75 | | | | | | |
| 100 | 0.78 | 0.81 | 0.81 | 0.85 | 0.83 | 0.82 | 0.78 | 0.79 | 0.85 | 0.79 | 0.82 | 0.77 | | | | | | |
| 105 | 0.84 | 0.88 | 0.90 | 0.94 | 0.91 | 0.91 | 0.87 | 0.87 | 0.93 | 0.89 | 0.90 | 0.84 | | | | | | |
| 110 | 0.95 | 1.01 | 1.03 | 1.10 | 1.07 | 1.04 | 0.99 | 1.00 | 1.07 | 1.02 | 1.03 | 0.95 | | | | | | |
| 115 | 1.15 | 1.21 | 1.24 | 1.32 | 1.30 | 1.26 | 1.18 | 1.19 | 1.27 | 1.22 | 1.21 | 1.13 | | | | | | |
| 120 | 1.43 | 1.48 | 1.52 | 1.60 | 1.59 | 1.55 | 1.44 | 1.44 | 1.50 | 1.44 | 1.43 | 1.37 | | | | | | |
| 125 | 1.78 | 1.83 | 1.84 | 1.93 | 1.93 | 1.91 | 1.74 | 1.73 | 1.77 | 1.70 | 1.70 | 1.65 | | | | | | |
| 130 | 2.17 | 2.21 | 2.19 | 2.26 | 2.28 | 2.30 | 2.04 | 2.01 | 2.02 | 1.96 | 1.96 | 1.95 | | | | | | |
| 135 | 2.55 | 2.58 | 2.53 | 2.56 | 2.61 | 2.68 | 2.30 | 2.26 | 2.26 | 2.19 | 2.21 | 2.21 | | | | | | |
| 140 | 2.89 | 2.90 | 2.80 | 2.82 | 2.89 | 2.99 | 2.49 | 2.45 | 2.44 | 2.37 | 2.41 | 2.41 | | | | | | |
| 145 | 3.14 | 3.12 | 3.00 | 3.01 | 3.09 | 3.21 | 2.61 | 2.58 | 2.58 | 2.50 | 2.55 | 2.55 | | | | | | |
| 150 | 3.28 | 3.25 | 3.11 | 3.10 | 3.19 | 3.32 | 2.69 | 2.67 | 2.67 | 2.57 | 2.62 | 2.63 | | | | | | |
| 155 | 3.31 | 3.26 | 3.13 | 3.12 | 3.21 | 3.32 | 2.73 | 2.72 | 2.72 | 2.60 | 2.62 | 2.68 | | | | | | |
| 160 | 3.27 | 3.20 | 3.09 | 3.08 | 3.19 | 3.27 | 2.73 | 2.74 | 2.73 | 2.61 | 2.62 | 2.69 | | | | | | |
| 165 | 3.12 | 3.04 | 2.97 | 3.02 | 3.11 | 3.15 | 2.72 | 2.74 | 2.75 | 2.62 | 2.61 | 2.68 | | | | | | |
| 170 | 2.95 | 2.86 | 2.89 | 2.95 | 3.01 | 2.99 | 2.71 | 2.74 | 2.77 | 2.68 | 2.62 | 2.63 | | | | | | |
| 175 | 2.79 | 2.78 | 2.86 | 2.92 | 2.93 | 2.86 | 2.71 | 2.73 | 2.82 | 2.77 | 2.71 | 2.65 | | | | | | |
| 180 | 2.75 | 2.77 | 2.86 | 2.91 | 2.85 | 2.78 | 2.75 | 2.76 | 2.87 | 2.89 | 2.86 | 2.76 | | | | | | |

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:2025-04-23

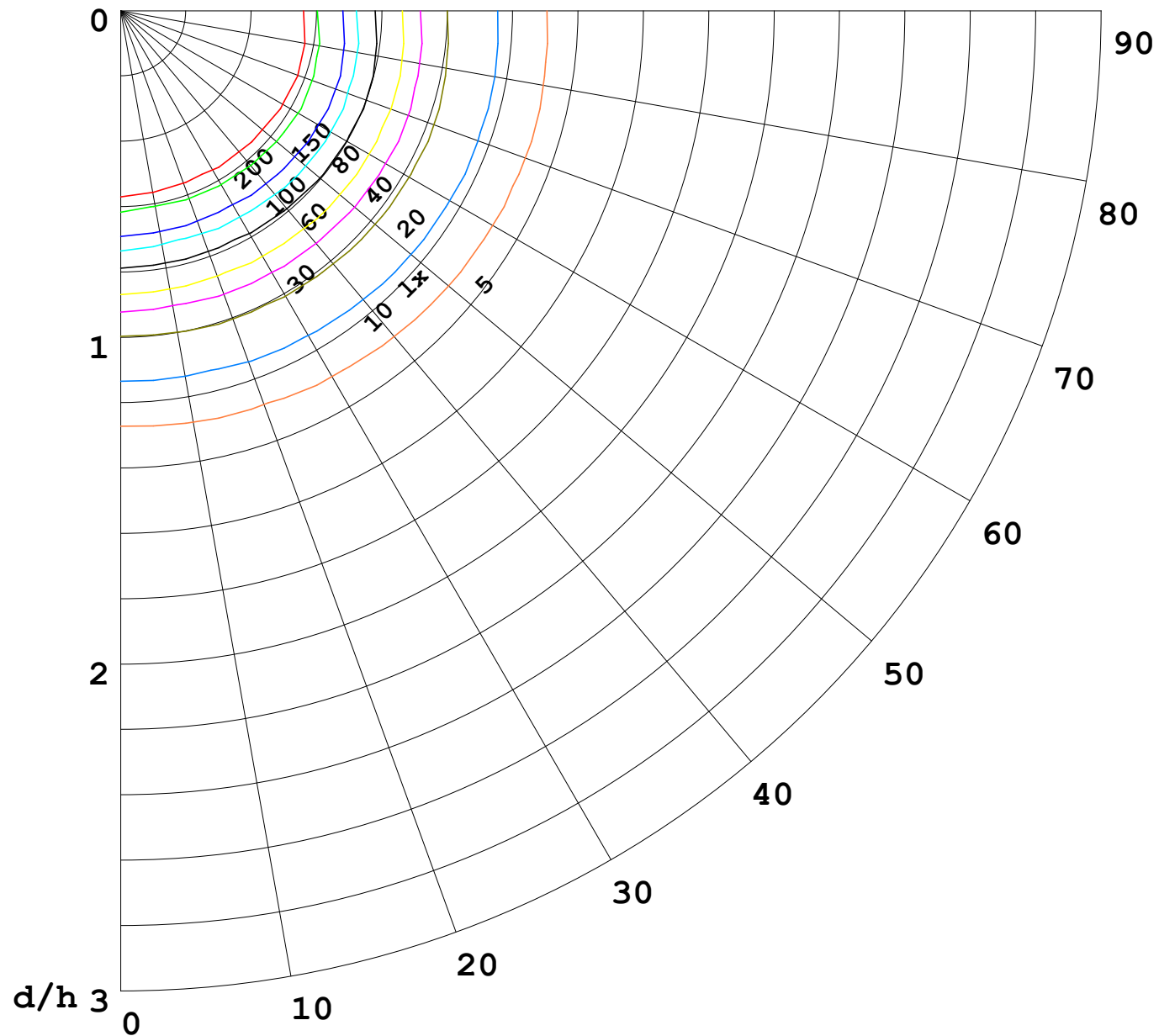
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-2000B_V1系统 V2.00.488
环境湿度:65.0%
测试距离:6.360米 [K=1.0000]
备注:

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 |

