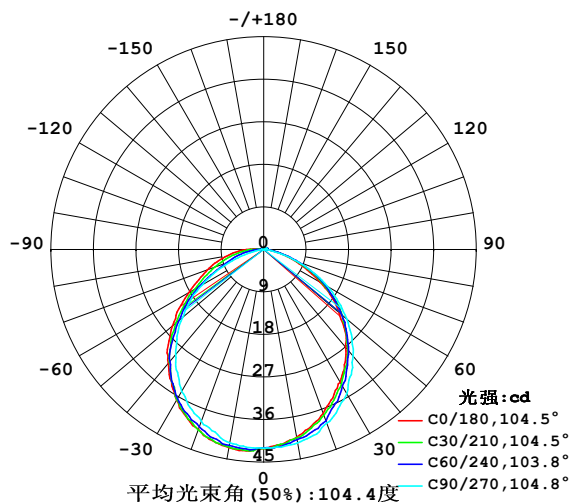


室内灯具光度数据

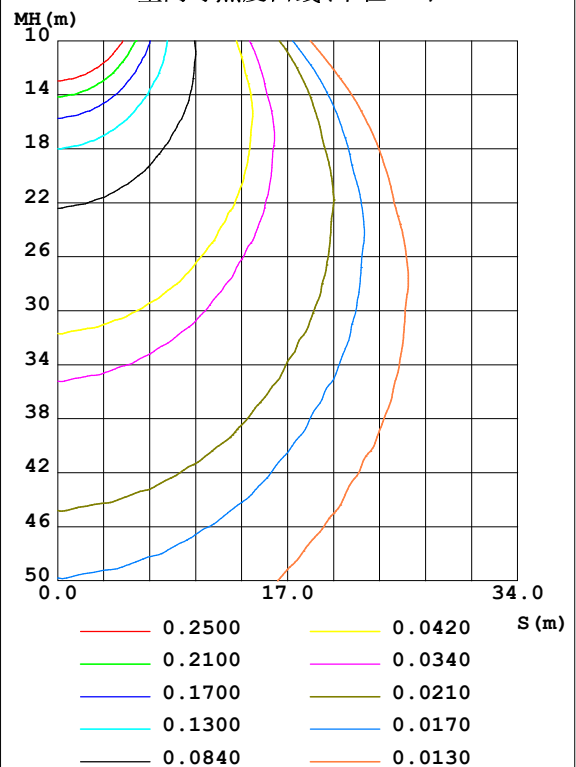
| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 20.05 lm/W |
|-----------|---------|----------|--------|------------------------|----------|----------------|
| 型号 | 5050 | 峰值光强(cd) | 42.85 | S/MH(C0/180) | 1.29 | |
| 标称功率(W) | 12 | 灯具效率(%) | 100.0 | S/MH(C90/270) | 1.23 | |
| 额定电源电压(V) | 24 | 总光通量(lm) | 112.48 | η UP,DN(C0-180) | 0.9,47.8 | |
| 额定光通量(lm) | 1.60686 | CIE分类 | 直接 | η UP,DN(C180-360) | 0.8,50.5 | |
| 灯具内光源数(只) | 70 | 上射光通比(%) | 1.7 | CIBSE SHR NOM | 1.25 | |
| 实测电源电压(V) | 24 | 下射光通比(%) | 98.3 | CIBSE SHR MAX | 1.35 | |

室内灯具配光曲线



空间等照度曲线(单位:lx)



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: LPC
测试日期: 2021-10-19

Y角度范围: 0度 - 120度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度: 65.0%
测试距离: 9.200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 | $\gamma(^{\circ})$ | $\Phi_{\text{环}}$ | $\Phi_{\text{总}}$ | %lum, lamp |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|-------------------|-------------------|------------|
| 10 | 40.29 | 40.65 | 41.56 | 42.03 | 42.59 | 42.26 | 41.53 | 40.80 | 0- 10 | 3.993 | 3.993 | 3.55, 3.55 |
| 20 | 36.87 | 37.98 | 39.09 | 39.94 | 40.50 | 40.24 | 38.65 | 37.96 | 10- 20 | 11.41 | 15.40 | 13.7, 13.7 |
| 30 | 32.43 | 33.15 | 35.19 | 35.95 | 36.88 | 36.62 | 34.77 | 33.36 | 20- 30 | 17.05 | 32.45 | 28.8, 28.8 |
| 40 | 27.06 | 27.86 | 29.44 | 30.25 | 31.44 | 31.02 | 29.00 | 28.18 | 30- 40 | 20.07 | 52.51 | 46.7, 46.7 |
| 50 | 20.84 | 21.64 | 22.97 | 23.36 | 25.23 | 23.85 | 22.39 | 21.94 | 40- 50 | 20.16 | 72.68 | 64.6, 64.6 |
| 60 | 13.73 | 14.68 | 15.61 | 15.89 | 18.27 | 16.35 | 14.87 | 15.34 | 50- 60 | 17.20 | 89.88 | 79.9, 79.9 |
| 70 | 6.906 | 7.742 | 7.701 | 9.441 | 12.69 | 9.787 | 7.188 | 8.395 | 60- 70 | 11.94 | 101.8 | 90.5, 90.5 |
| 80 | 2.019 | 2.337 | 1.585 | 5.141 | 7.896 | 5.232 | 1.244 | 2.704 | 70- 80 | 6.345 | 108.2 | 96.2, 96.2 |
| 90 | 0.5382 | 0.6484 | 0.3870 | 1.814 | 3.640 | 1.790 | 0.1809 | 0.5180 | 80- 90 | 2.381 | 110.5 | 98.3, 98.3 |
| 100 | 0.5026 | 0.6383 | 0.4526 | 0.6834 | 0.8130 | 0.4751 | 0.2309 | 0.4347 | 90-100 | 0.8501 | 111.4 | 99.99 |
| 110 | 0.5175 | 0.6483 | 0.5227 | 0.6507 | 0.3820 | 0.4825 | 0.2915 | 0.4548 | 100-110 | 0.5353 | 111.9 | 99.5, 99.5 |
| 120 | 0.5830 | 0.6533 | 0.5729 | 0.6860 | 0.3820 | 0.4925 | 0.3568 | 0.4498 | 110-120 | 0.5271 | 112.5 | 100, 100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0.0254 | 112.5 | 100, 100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 112.5 | 100, 100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 112.5 | 100, 100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 112.5 | 100, 100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 112.5 | 100, 100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 112.5 | 100, 100 |
| 单位:° | 光强:cd | | | | | | | | | 单位:lm | | |

锥面光通量(90度): 62.79 lm

%lum = 55.8%

%lamp = 55.8%

锥面光通量(120度): 89.881 lm

%lum = 79.9%

%lamp = 79.9%

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: LPC
 测试日期: 2021-10-19

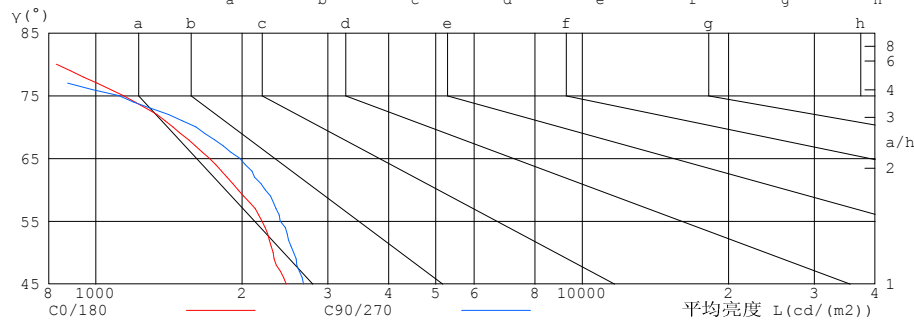
γ 角度范围: 0度 - 120度
 γ 角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

灯具亮度限制曲线

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |

无发光侧边灯具的亮度限制曲线

| 眩光等级 | 质量等级 | 使用照度 (lx) | | | | | | | |
|------|------|-----------|------|------|-------|-------|-------|-------|-------|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |



| 平均亮度值 cd/(m2) | | |
|---------------|--------|---------|
| γ (°) | C0/180 | C90/270 |
| 85 | 755 | 420 |
| 80 | 830 | 652 |
| 75 | 1139 | 1115 |
| 70 | 1442 | 1608 |
| 65 | 1713 | 1980 |
| 60 | 1961 | 2230 |
| 55 | 2198 | 2394 |
| 50 | 2316 | 2552 |
| 45 | 2463 | 2673 |

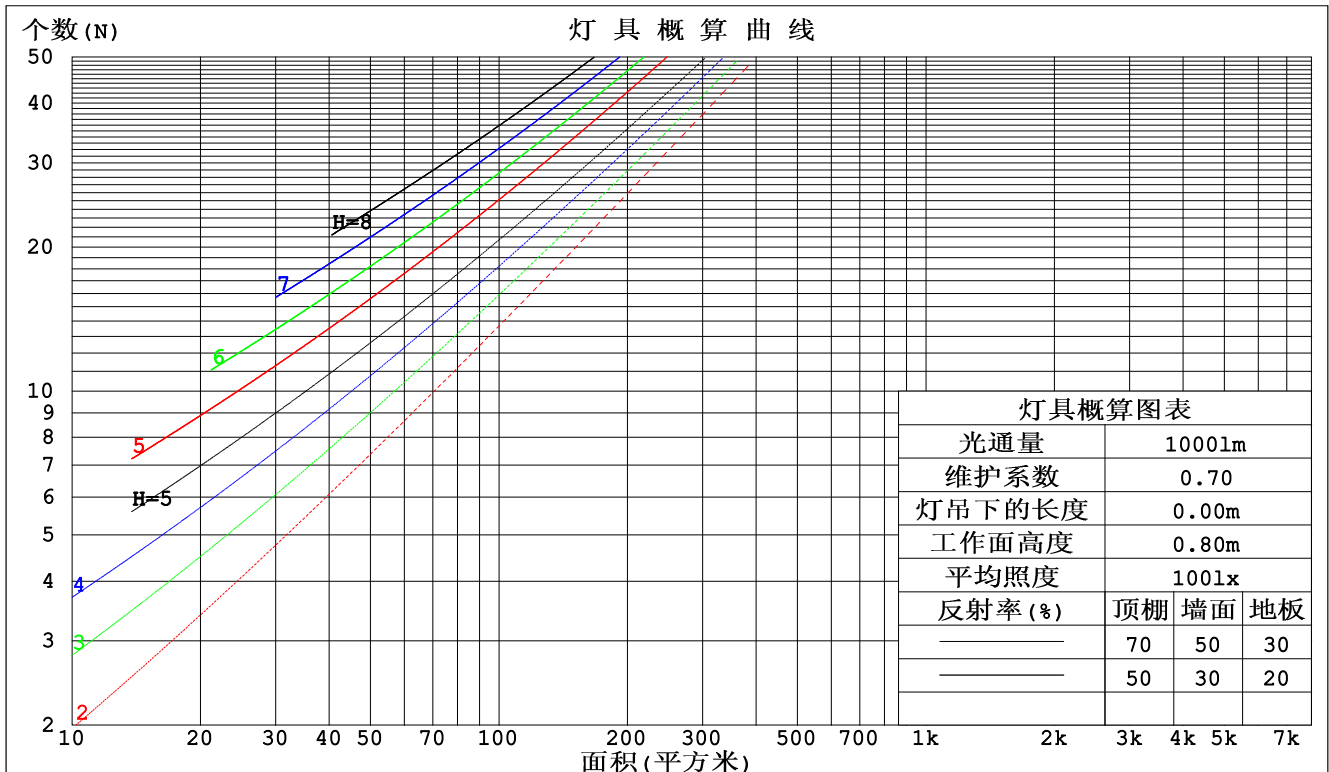
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: LPC
测试日期: 2021-10-19

γ角度范围: 0度 - 120度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度: 65.0%
测试距离: 9.200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:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 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 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.00 | 1.00 | 1.00 | .98 |
| 1.0 | 1.04 | .90 | .96 | 1.02 | .98 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .91 | .84 | .79 | .89 | .83 | .78 | .85 | .80 | .76 | .82 | .77 | .74 | .78 | .75 | .72 | .70 |
| 3.0 | .80 | .72 | .66 | .79 | .71 | .65 | .75 | .69 | .64 | .72 | .67 | .63 | .70 | .65 | .61 | .59 |
| 4.0 | .71 | .63 | .56 | .70 | .62 | .56 | .67 | .60 | .55 | .65 | .59 | .54 | .62 | .57 | .53 | .51 |
| 5.0 | .64 | .55 | .49 | .63 | .54 | .48 | .60 | .53 | .48 | .58 | .52 | .47 | .56 | .51 | .46 | .44 |
| 6.0 | .58 | .49 | .43 | .57 | .48 | .42 | .55 | .47 | .42 | .53 | .46 | .41 | .51 | .45 | .41 | .39 |
| 7.0 | .52 | .44 | .38 | .51 | .43 | .38 | .50 | .42 | .37 | .48 | .42 | .37 | .47 | .41 | .36 | .34 |
| 8.0 | .48 | .39 | .34 | .47 | .39 | .34 | .46 | .38 | .33 | .44 | .38 | .33 | .43 | .37 | .33 | .31 |
| 9.0 | .44 | .36 | .30 | .43 | .36 | .30 | .42 | .35 | .30 | .41 | .34 | .30 | .40 | .34 | .30 | .28 |
| 10.0 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .27 | .38 | .32 | .27 | .37 | .31 | .27 | .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: LPC
 测试日期: 2021-10-19

γ角度范围: 0度 - 120度
 γ角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

墙面和天花板利用系数

| | | | | | |
|----------------------------------------------------------------------------|--|--|--------------|--|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | | | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | | | 灯具类型: | | 灯具重量: |
| 灯具规格: | | | 外型尺寸: | | 测试编号: |
| 制造厂商: EVERFINE | | | 发光口面:1*0.014 | | 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 | .300 | .171 | .054 | .293 | .167 | .053 | .278 | .160 | .051 | .265 | .153 | .049 | .253 | .147 | .047 | |
| 2.0 | .282 | .154 | .047 | .275 | .151 | .047 | .262 | .146 | .045 | .251 | .141 | .044 | .240 | .136 | .043 | |
| 3.0 | .261 | .139 | .042 | .255 | .137 | .041 | .244 | .132 | .040 | .234 | .128 | .039 | .224 | .124 | .038 | |
| 4.0 | .242 | .126 | .037 | .237 | .124 | .037 | .227 | .120 | .036 | .217 | .117 | .035 | .209 | .114 | .035 | |
| 5.0 | .224 | .114 | .033 | .219 | .113 | .033 | .211 | .110 | .032 | .202 | .107 | .032 | .195 | .104 | .031 | |
| 6.0 | .208 | .104 | .030 | .204 | .103 | .030 | .196 | .101 | .029 | .189 | .098 | .029 | .182 | .096 | .028 | |
| 7.0 | .194 | .096 | .027 | .191 | .095 | .027 | .184 | .093 | .027 | .177 | .091 | .026 | .171 | .089 | .026 | |
| 8.0 | .182 | .089 | .025 | .179 | .088 | .025 | .172 | .086 | .025 | .166 | .084 | .024 | .161 | .082 | .024 | |
| 9.0 | .171 | .083 | .023 | .168 | .082 | .023 | .162 | .080 | .023 | .157 | .078 | .022 | .151 | .077 | .022 | |
| 10.0 | .161 | .077 | .021 | .158 | .076 | .021 | .153 | .075 | .021 | .148 | .073 | .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 | .204 | .204 | .204 | .174 | .174 | .174 | .119 | .119 | .119 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .193 | .169 | .148 | .165 | .145 | .128 | .113 | .100 | .088 | .065 | .058 | .051 | .021 | .019 | .017 | |
| 2.0 | .184 | .145 | .113 | .158 | .125 | .097 | .108 | .087 | .068 | .062 | .050 | .040 | .020 | .016 | .013 | |
| 3.0 | .176 | .128 | .089 | .151 | .110 | .077 | .104 | .076 | .054 | .060 | .045 | .032 | .019 | .015 | .010 | |
| 4.0 | .168 | .114 | .073 | .145 | .099 | .063 | .099 | .069 | .045 | .058 | .040 | .026 | .019 | .013 | .009 | |
| 5.0 | .161 | .104 | .062 | .138 | .090 | .054 | .095 | .063 | .038 | .055 | .037 | .022 | .018 | .012 | .007 | |
| 6.0 | .154 | .095 | .053 | .132 | .083 | .047 | .091 | .058 | .033 | .053 | .034 | .020 | .017 | .011 | .006 | |
| 7.0 | .147 | .089 | .047 | .127 | .077 | .041 | .088 | .054 | .029 | .051 | .032 | .017 | .016 | .010 | .006 | |
| 8.0 | .141 | .083 | .043 | .121 | .072 | .037 | .084 | .050 | .026 | .049 | .030 | .016 | .016 | .010 | .005 | |
| 9.0 | .135 | .078 | .039 | .116 | .068 | .034 | .081 | .047 | .024 | .047 | .028 | .014 | .015 | .009 | .005 | |
| 10.0 | .129 | .074 | .036 | .112 | .064 | .032 | .077 | .045 | .023 | .045 | .027 | .013 | .015 | .009 | .004 | |

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: LPC
测试日期: 2021-10-19

γ角度范围: 0度 - 120度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度: 65.0%
测试距离: 9.200米 [K=1.0000]
备注:

UGR(Unified Glare Rating) 数据表

| | | | | | | | | | | |
|----------------------------------------------------------------------------|-----------------------|------|------|------|--------------|---------------------|------|-------|------|------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | | | | | | | | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | | | | | 灯具类型: | | | 灯具重量: | | |
| 灯具规格: | | | | | 外型尺寸: | | | 测试编号: | | |
| 制造厂商: EVERFINE | | | | | 发光口面:1*0.014 | | | 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 | 交叉 (Viewed crosswise) | | | | | 向前 (Viewed endwise) | | | | |
| x = 2H y = 2H | 22.7 | 24.1 | 23.0 | 24.4 | 24.6 | 23.0 | 24.5 | 23.3 | 24.7 | 24.9 |
| 3H | 23.7 | 25.0 | 24.0 | 25.3 | 25.5 | 24.1 | 25.4 | 24.4 | 25.7 | 26.0 |
| 4H | 23.9 | 25.2 | 24.3 | 25.5 | 25.8 | 24.3 | 25.6 | 24.7 | 25.9 | 26.2 |
| 6H | 24.1 | 25.3 | 24.4 | 25.6 | 25.9 | 24.4 | 25.6 | 24.8 | 25.9 | 26.2 |
| 8H | 24.1 | 25.2 | 24.4 | 25.5 | 25.9 | 24.4 | 25.5 | 24.7 | 25.8 | 26.2 |
| 12H | 24.1 | 25.2 | 24.4 | 25.5 | 25.8 | 24.3 | 25.5 | 24.7 | 25.8 | 26.1 |
| 4H 2H | 23.2 | 24.5 | 23.5 | 24.7 | 25.0 | 23.5 | 24.7 | 23.8 | 25.0 | 25.3 |
| 3H | 24.3 | 25.4 | 24.7 | 25.8 | 26.1 | 24.7 | 25.8 | 25.1 | 26.1 | 26.5 |
| 4H | 24.7 | 25.7 | 25.1 | 26.1 | 26.4 | 25.0 | 26.1 | 25.4 | 26.4 | 26.8 |
| 6H | 24.9 | 25.8 | 25.3 | 26.2 | 26.6 | 25.2 | 26.1 | 25.6 | 26.5 | 26.9 |
| 8H | 24.9 | 25.8 | 25.4 | 26.2 | 26.6 | 25.2 | 26.0 | 25.6 | 26.4 | 26.8 |
| 12H | 25.0 | 25.7 | 25.4 | 26.2 | 26.6 | 25.2 | 25.9 | 25.6 | 26.3 | 26.8 |
| 8H 4H | 24.8 | 25.7 | 25.3 | 26.1 | 26.5 | 25.2 | 26.0 | 25.6 | 26.4 | 26.8 |
| 6H | 25.1 | 25.8 | 25.6 | 26.3 | 26.7 | 25.4 | 26.1 | 25.8 | 26.5 | 27.0 |
| 8H | 25.2 | 25.8 | 25.7 | 26.3 | 26.8 | 25.4 | 26.0 | 25.9 | 26.5 | 27.0 |
| 12H | 25.3 | 25.8 | 25.8 | 26.3 | 26.8 | 25.4 | 26.0 | 25.9 | 26.5 | 27.0 |
| 12H 4H | 24.8 | 25.6 | 25.3 | 26.0 | 26.4 | 25.1 | 25.9 | 25.6 | 26.3 | 26.8 |
| 6H | 25.1 | 25.8 | 25.6 | 26.2 | 26.7 | 25.4 | 26.0 | 25.9 | 26.5 | 26.9 |
| 8H | 25.2 | 25.8 | 25.8 | 26.3 | 26.8 | 25.4 | 26.0 | 26.0 | 26.5 | 27.0 |
| 不同间隔布灯时, 观察者位置引起的UGR变化: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | + 0.3 / - 0.5 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.4 / - 0.5 | | | | | + 0.5 / - 0.5 | | | | |

依据CIE Pub.117计算, 112.5lm光源光通要进行修正 ($8\log(F/F_0) = -7.6$).

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: LPC
 测试日期: 2021-10-19

γ角度范围: 0度 - 120度
 γ角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

UF利用系数表

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |

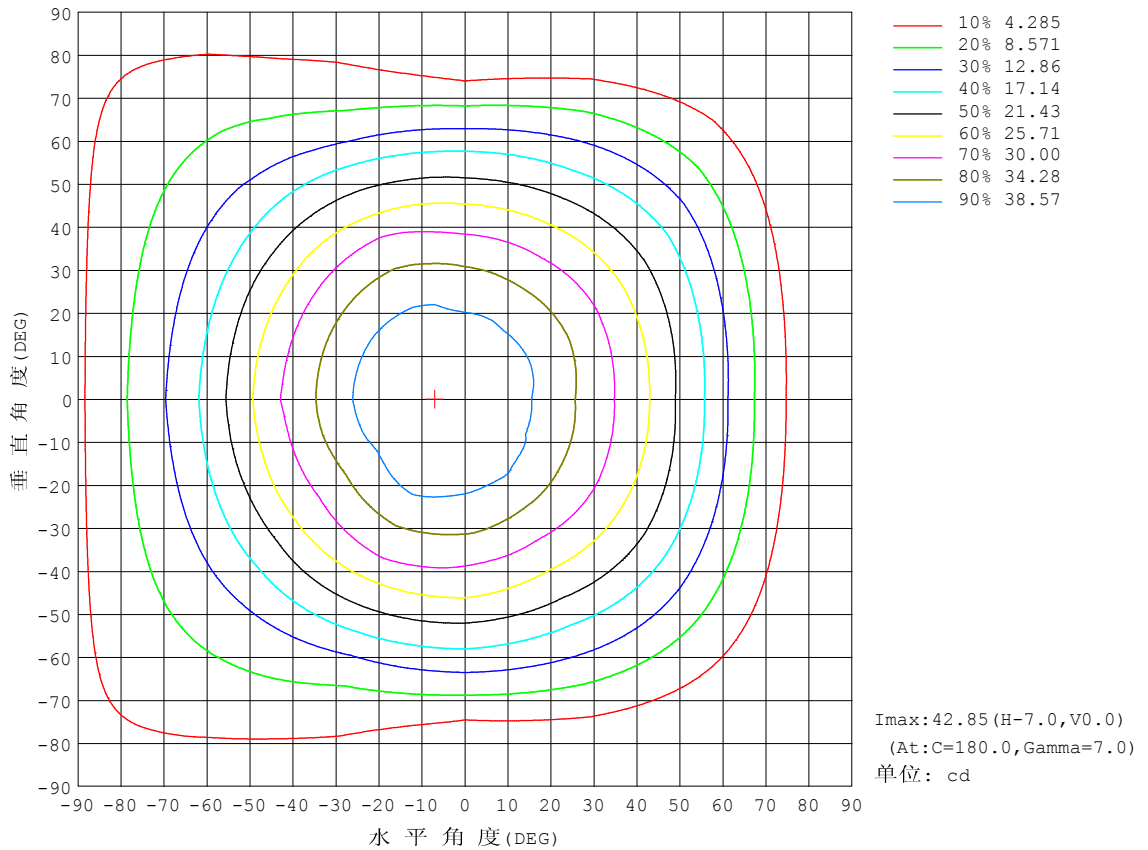
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|----------------------------------------------------|-----|-----|-----|-----|-----|---------------------|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 58 | 47 | 40 | 58 | 47 | 40 | 57 | 46 | 40 | 34 |
| 0.80 | 69 | 57 | 50 | 67 | 57 | 50 | 66 | 56 | 49 | 43 |
| 1.00 | 77 | 66 | 59 | 76 | 65 | 59 | 73 | 67 | 58 | 51 |
| 1.25 | 84 | 74 | 67 | 82 | 73 | 66 | 80 | 71 | 65 | 58 |
| 1.50 | 89 | 79 | 72 | 87 | 78 | 72 | 84 | 76 | 71 | 63 |
| 2.00 | 95 | 87 | 81 | 93 | 86 | 80 | 90 | 83 | 78 | 70 |
| 2.50 | 99 | 91 | 86 | 97 | 90 | 85 | 93 | 87 | 83 | 74 |
| 3.00 | 102 | 96 | 90 | 100 | 94 | 89 | 96 | 91 | 87 | 78 |
| 4.00 | 106 | 101 | 96 | 104 | 99 | 94 | 99 | 95 | 92 | 82 |
| 5.00 | 108 | 104 | 100 | 106 | 102 | 98 | 101 | 98 | 95 | 85 |
| 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 SHRNOM = 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: LPC
 测试日期: 2021-10-19

γ角度范围: 0度 - 120度
 γ角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

灯具等光强曲线

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |

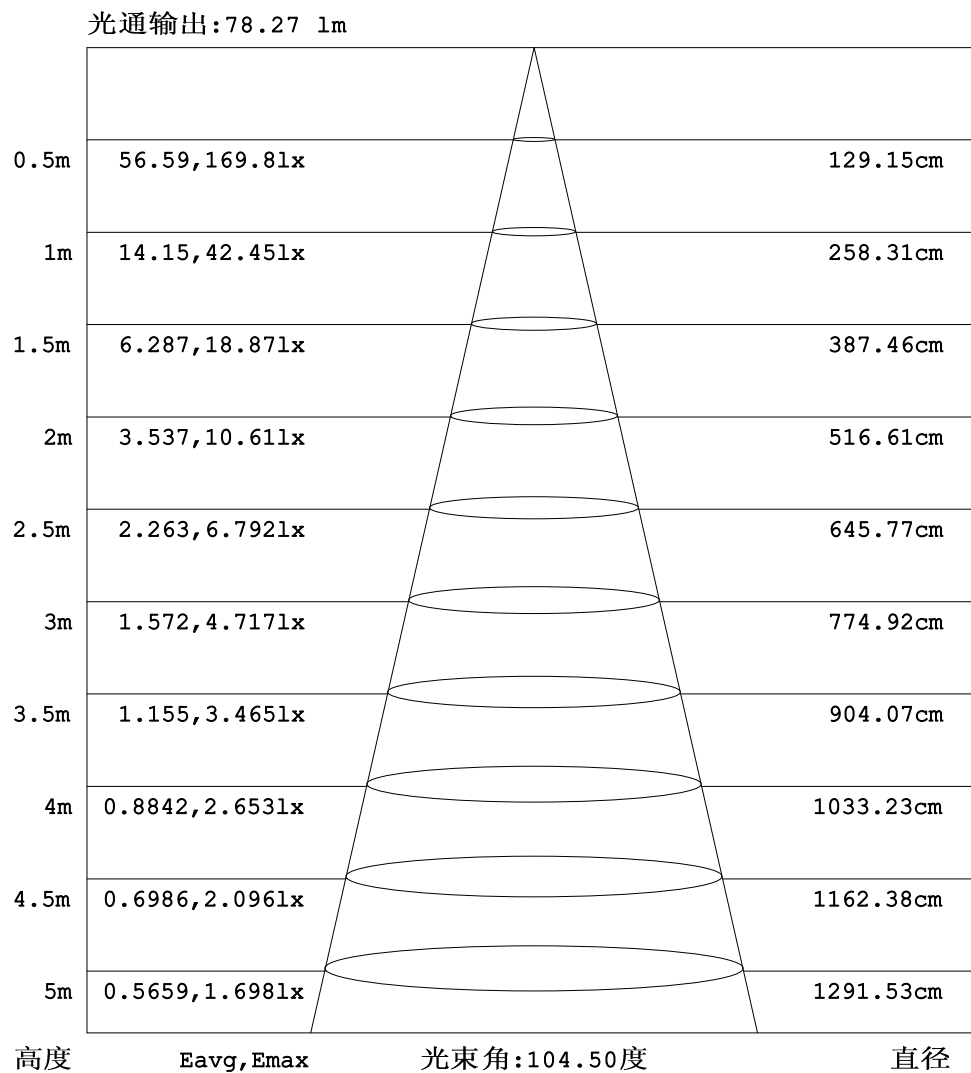


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: LPC
测试日期: 2021-10-19

γ角度范围: 0度 - 120度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度: 65.0%
测试距离: 9.200米 [K=1.0000]
备注:

灯具有效平均照度图

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |



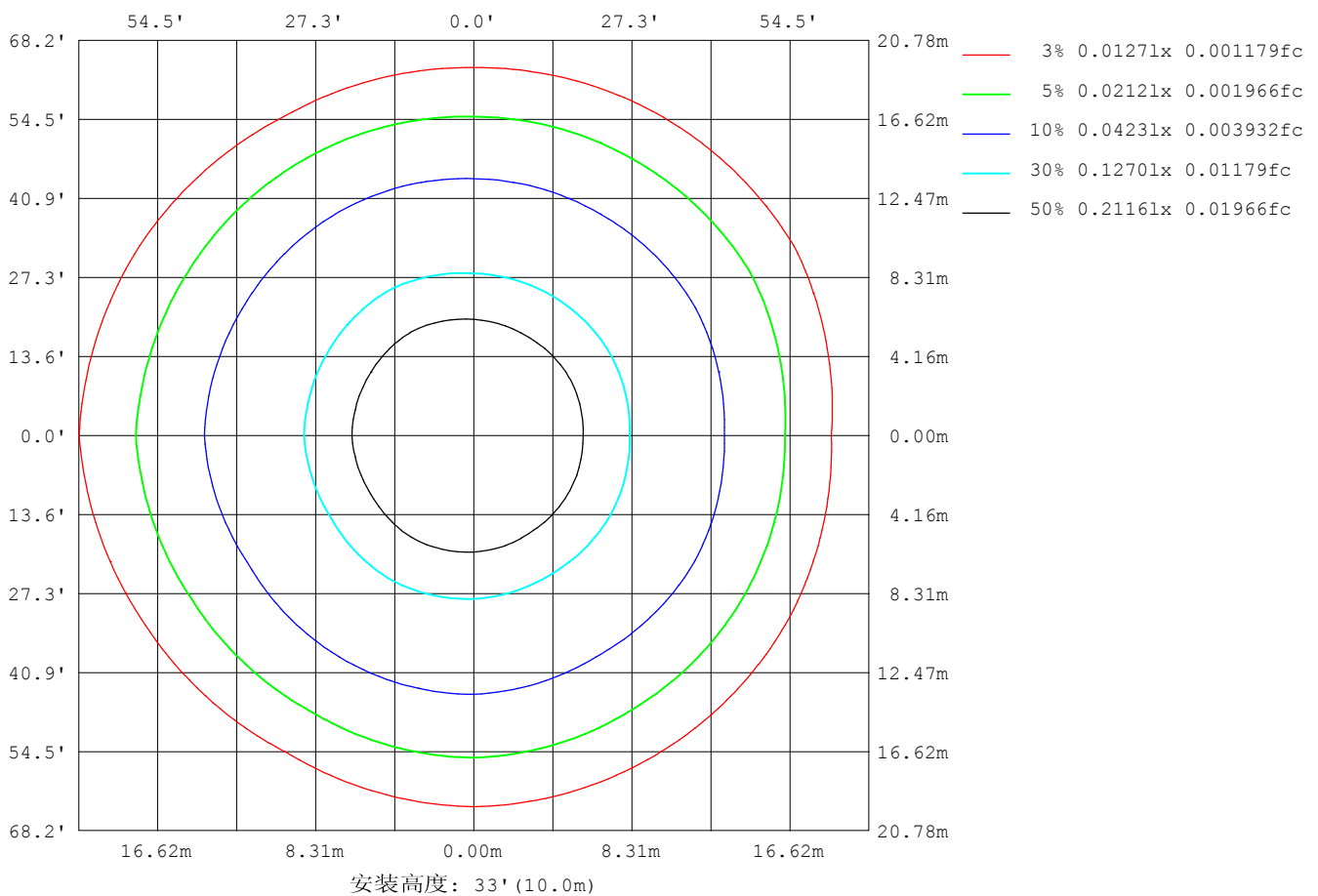
注:曲线为灯具在不同投射距离下的照射区域及区域内平均照度。

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: LPC
 测试日期: 2021-10-19

γ角度范围: 0度 - 120度
 γ角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

平面等照度曲线

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 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: LPC
 测试日期: 2021-10-19

γ角度范围: 0度 - 120度
 γ角度间隔: 1.0度
 测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
 环境湿度: 65.0%
 测试距离: 9.200米 [K=1.0000]
 备注:

LED筒灯平均亮度报告

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 遮光角: |

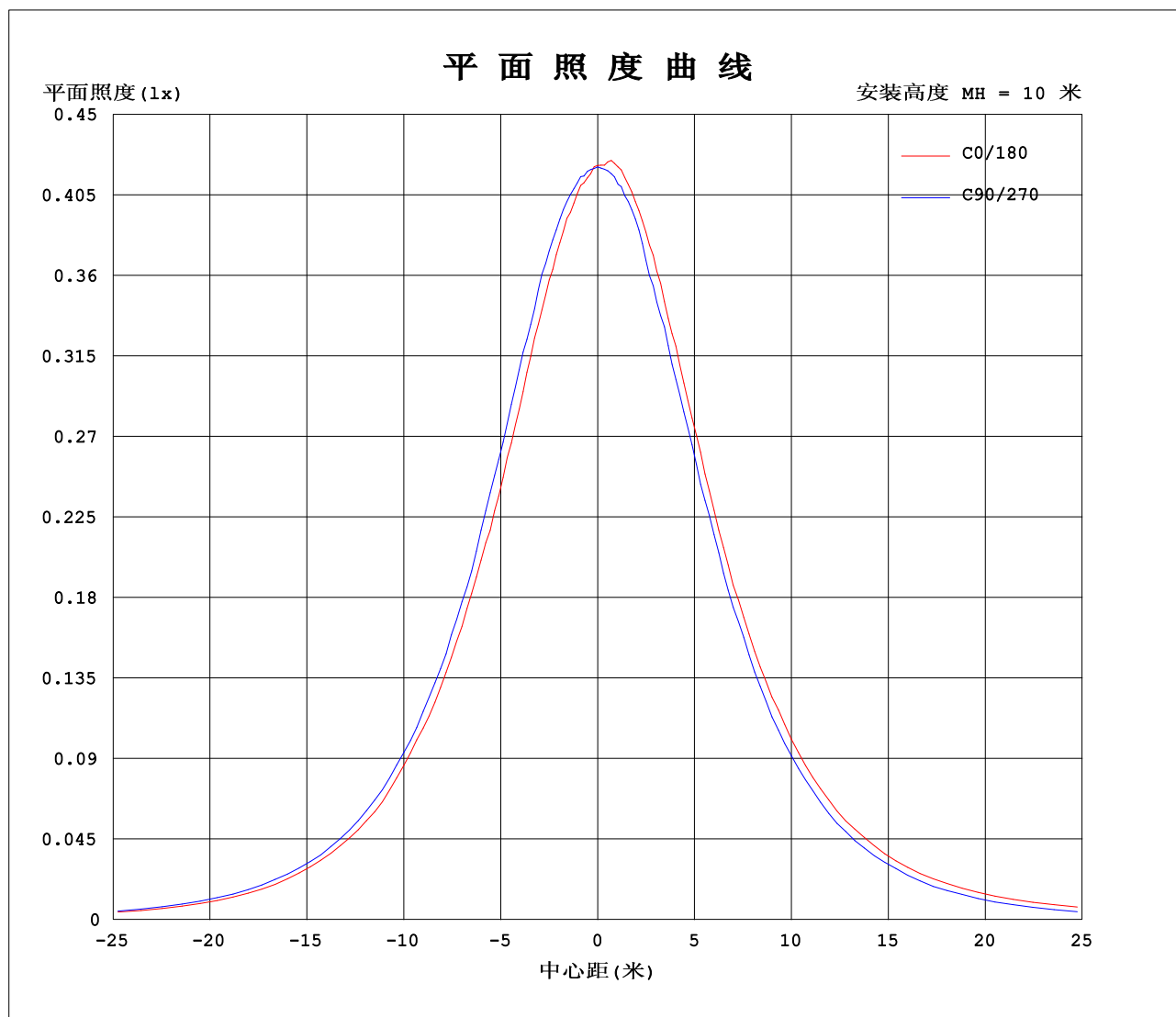
| 平均亮度 | 数值 (cd/m2) |
|-------------|------------|
| L横 (65) av | 2134 |
| L横 (75) av | 1989 |
| L横 (85) av | 2709 |
| L纵 (65) av | 1937 |
| L纵 (75) av | 1054 |
| L纵 (85) av | 329 |
| L45 (65) av | 2031 |
| L45 (75) av | 1721 |
| L45 (85) av | 1813 |

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:LPC
测试日期:2021-10-19

γ角度范围: 0度 - 120度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度:65.0%
测试距离:9.200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: LPC
测试日期: 2021-10-19

γ角度范围: 0度 - 120度
γ角度间隔: 1.0度
测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362
环境湿度: 65.0%
测试距离: 9.200米 [K=1.0000]
备注:

光强分布数据表格

| | | |
|----------------------------------------------------------------------------|--------------|-------|
| 实测参数: U:24.00V I:0.2338A P:5.611W PF:1.000 Freq:50.00Hz 实检光通:1.60686x70 lm | | |
| 灯具名称: P01-24V-5050-70-SPI3-RGB-R | 灯具类型: | 灯具重量: |
| 灯具规格: | 外型尺寸: | 测试编号: |
| 制造厂商: EVERFINE | 发光口面:1*0.014 | 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 | 42.2 | 42.1 | 42.0 | 42.1 | 42.0 | 41.9 | 42.2 | 42.1 | 42.0 | 42.1 | 42.0 | 41.9 | | | | | | |
| 5 | 41.5 | 41.3 | 41.9 | 42.0 | 42.3 | 42.3 | 42.8 | 42.7 | 42.4 | 42.0 | 41.9 | 41.6 | | | | | | |
| 10 | 40.3 | 40.5 | 40.9 | 41.6 | 42.1 | 42.0 | 42.6 | 42.4 | 42.1 | 41.5 | 40.9 | 40.7 | | | | | | |
| 15 | 38.8 | 39.1 | 39.9 | 40.7 | 41.4 | 41.3 | 41.8 | 41.8 | 41.3 | 39.9 | 39.9 | 39.5 | | | | | | |
| 20 | 36.9 | 37.4 | 38.6 | 39.1 | 40.1 | 39.8 | 40.5 | 40.6 | 39.9 | 38.6 | 38.1 | 37.8 | | | | | | |
| 25 | 34.7 | 35.2 | 35.9 | 37.3 | 38.6 | 38.2 | 39.0 | 38.8 | 38.3 | 36.9 | 35.7 | 35.8 | | | | | | |
| 30 | 32.4 | 33.0 | 33.3 | 35.2 | 36.1 | 35.8 | 36.9 | 36.8 | 36.4 | 34.8 | 33.6 | 33.1 | | | | | | |
| 35 | 29.8 | 30.3 | 30.7 | 32.3 | 33.5 | 33.2 | 34.0 | 34.0 | 34.0 | 31.8 | 30.9 | 30.6 | | | | | | |
| 40 | 27.1 | 27.8 | 28.0 | 29.4 | 30.5 | 30.1 | 31.4 | 31.1 | 30.9 | 29.0 | 28.3 | 28.0 | | | | | | |
| 45 | 24.4 | 24.6 | 24.8 | 26.5 | 26.9 | 27.1 | 28.5 | 27.8 | 27.3 | 25.9 | 25.3 | 25.1 | | | | | | |
| 50 | 20.8 | 21.7 | 21.6 | 23.0 | 23.3 | 23.4 | 25.2 | 24.4 | 23.3 | 22.4 | 21.9 | 22.0 | | | | | | |
| 55 | 17.6 | 18.3 | 18.1 | 19.2 | 19.5 | 19.7 | 21.9 | 20.5 | 19.8 | 18.9 | 18.6 | 18.8 | | | | | | |
| 60 | 13.7 | 14.5 | 14.9 | 15.6 | 15.4 | 16.4 | 18.3 | 16.9 | 15.8 | 14.9 | 15.2 | 15.5 | | | | | | |
| 65 | 10.1 | 11.0 | 11.4 | 11.7 | 11.4 | 13.1 | 15.1 | 13.9 | 11.7 | 11.2 | 11.8 | 12.0 | | | | | | |
| 70 | 6.91 | 7.55 | 7.93 | 7.70 | 8.33 | 10.5 | 12.7 | 11.1 | 8.52 | 7.19 | 8.37 | 8.42 | | | | | | |
| 75 | 4.13 | 4.54 | 4.80 | 4.04 | 6.31 | 8.24 | 10.3 | 8.66 | 6.26 | 3.60 | 5.11 | 5.33 | | | | | | |
| 80 | 2.02 | 2.30 | 2.38 | 1.59 | 4.24 | 6.05 | 7.90 | 6.26 | 4.21 | 1.24 | 2.53 | 2.88 | | | | | | |
| 85 | 0.92 | 1.02 | 1.03 | 0.51 | 2.51 | 4.02 | 5.69 | 4.31 | 2.26 | 0.29 | 0.93 | 1.30 | | | | | | |
| 90 | 0.54 | 0.61 | 0.69 | 0.39 | 1.31 | 2.31 | 3.64 | 2.45 | 1.13 | 0.18 | 0.46 | 0.57 | | | | | | |
| 95 | 0.50 | 0.60 | 0.65 | 0.41 | 0.76 | 1.20 | 1.89 | 1.20 | 0.53 | 0.18 | 0.45 | 0.44 | | | | | | |
| 100 | 0.50 | 0.62 | 0.65 | 0.45 | 0.67 | 0.70 | 0.81 | 0.51 | 0.44 | 0.23 | 0.45 | 0.42 | | | | | | |
| 105 | 0.50 | 0.64 | 0.58 | 0.51 | 0.58 | 0.66 | 0.43 | 0.46 | 0.42 | 0.29 | 0.41 | 0.42 | | | | | | |
| 110 | 0.52 | 0.66 | 0.64 | 0.52 | 0.62 | 0.68 | 0.38 | 0.45 | 0.51 | 0.29 | 0.47 | 0.44 | | | | | | |
| 115 | 0.53 | 0.68 | 0.68 | 0.54 | 0.68 | 0.68 | 0.38 | 0.45 | 0.52 | 0.32 | 0.47 | 0.44 | | | | | | |
| 120 | 0.58 | 0.68 | 0.62 | 0.57 | 0.68 | 0.69 | 0.38 | 0.46 | 0.52 | 0.36 | 0.45 | 0.45 | | | | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

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: LPC

测试日期: 2021-10-19

γ角度范围: 0度 - 120度

γ角度间隔: 1.0度

测试系统: 远方 (EVERFINE) GO-2000B_V1系统 V2.0.362

环境湿度: 65.0%

测试距离: 9.200米 [K=1.0000]

备注: