

燈 具 實 物 照 片



| | | |
|---------------------|--------|--------------------------|
| Light Output Ratio: | 84.4% | |
| Luminaire Power: | 11.1 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 0.30 | fine grid method. |

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: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1 系统 V2.00.461
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

灯具配光曲线及特征面照片

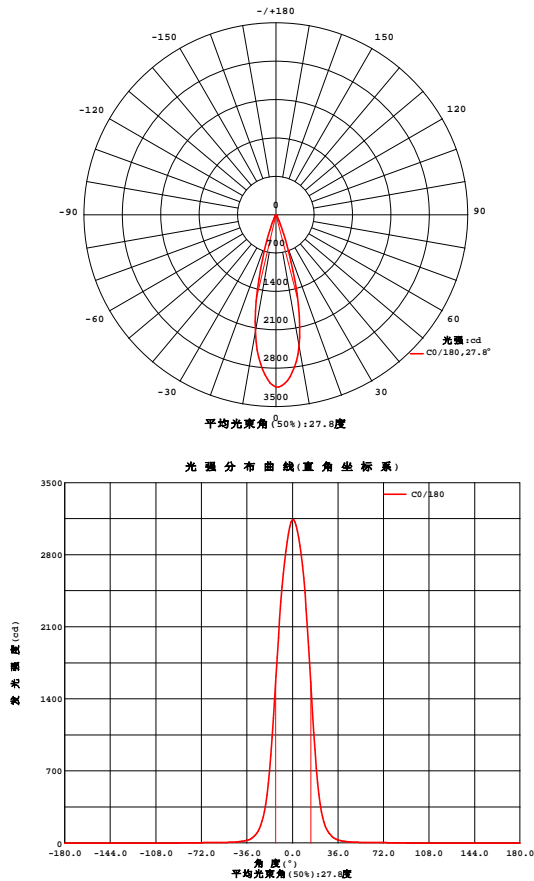


Fig. C0/C180

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: DAMIN
测试日期: 2023-8-1

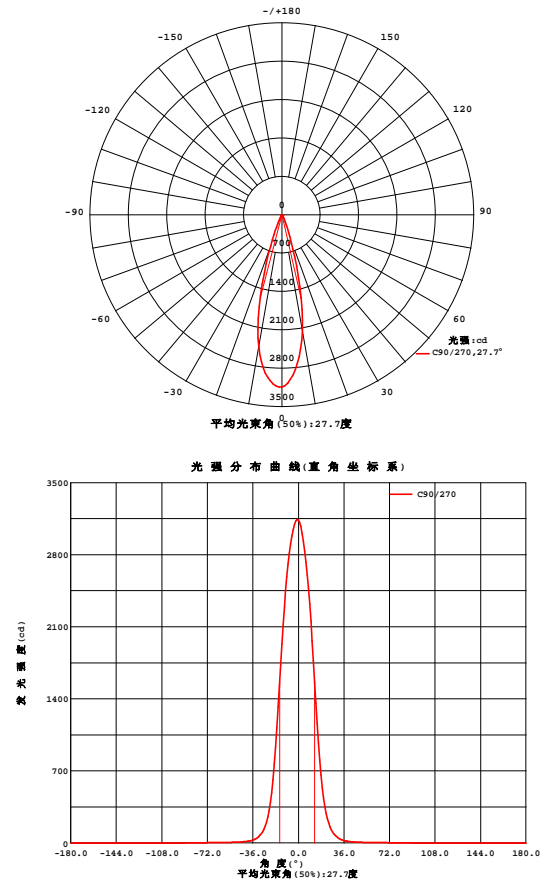


Fig. C90/C270

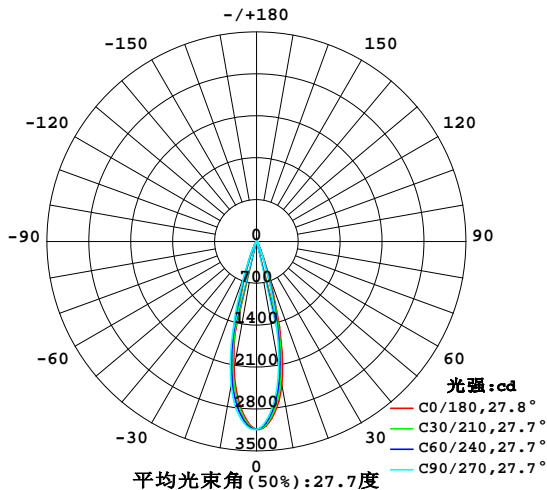
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

室内灯具光度数据

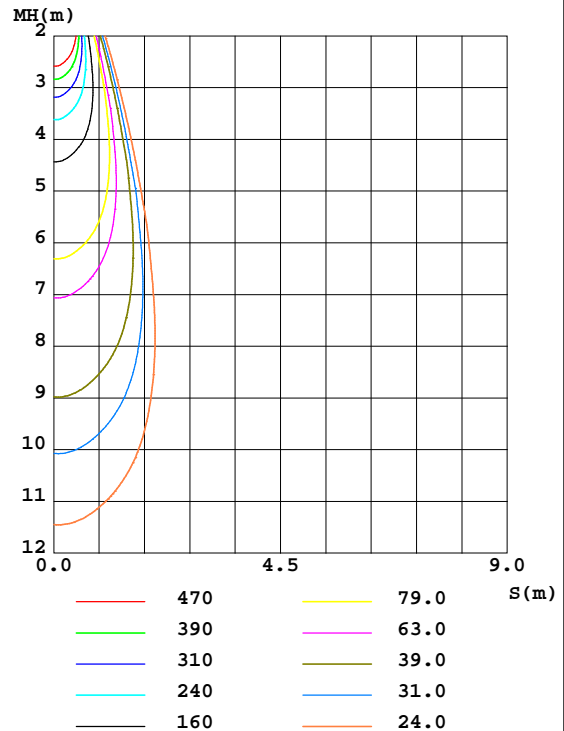
| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 68.17 lm/W |
|-----------|---------|----------|--------|-----------------|----------|----------------|
| 型号 | CREE | 峰值光强(cd) | 3152 | S/MH(C0/180) | 0.43 | |
| 标称功率(W) | 11 | 灯具效率(%) | 84.4 | S/MH(C90/270) | 0.46 | |
| 额定电源电压(V) | 220 | 总光通量(lm) | 756.56 | UP,DN(C0-180) | 0.0,40.0 | |
| 额定光通量(lm) | 896.707 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,44.4 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| 实测电源电压(V) | 220 | 下射光通比(%) | 84.4 | CIBSE SHR MAX | 0.30 | |

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: DAMIN
测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

灯具环带光通量

环带光通量:

| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | $\gamma(^{\circ})$ | 环 | 总 | %lum, lamp |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------------------|--------|-------|------------|
| 10 | 2433 | 2295 | 2153 | 2079 | 2172 | 2312 | 2447 | 2517 | 0- 10 | 258.1 | 258.1 | 34.1, 28.8 |
| 20 | 586.2 | 501.2 | 433.8 | 408.2 | 466.1 | 536.0 | 612.9 | 668.3 | 10- 20 | 360.3 | 618.3 | 81.7, 69 |
| 30 | 80.83 | 66.49 | 62.87 | 60.69 | 66.07 | 67.40 | 77.76 | 87.05 | 20- 30 | 96.43 | 714.8 | 94.5, 79.7 |
| 40 | 18.04 | 16.70 | 15.17 | 14.68 | 15.76 | 16.50 | 17.11 | 18.28 | 30- 40 | 21.48 | 736.2 | 97.3, 82.1 |
| 50 | 7.081 | 6.943 | 6.453 | 6.269 | 6.480 | 6.809 | 7.032 | 7.085 | 40- 50 | 7.859 | 744.1 | 98.4, 83 |
| 60 | 5.128 | 5.048 | 4.782 | 4.650 | 4.723 | 4.880 | 5.004 | 5.103 | 50- 60 | 5.060 | 749.2 | 99, 83.5 |
| 70 | 3.934 | 3.713 | 3.320 | 3.247 | 3.306 | 3.472 | 3.700 | 3.935 | 60- 70 | 4.277 | 753.4 | 99.6, 84 |
| 80 | 1.723 | 1.597 | 1.242 | 1.079 | 1.050 | 1.139 | 1.376 | 1.644 | 70- 80 | 2.635 | 756.1 | 99.9, 84.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.4908 | 756.6 | 100, 84.4 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 756.6 | 100, 84.4 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 756.6 | 100, 84.4 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 756.6 | 100, 84.4 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 756.6 | 100, 84.4 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 756.6 | 100, 84.4 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 756.6 | 100, 84.4 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 756.6 | 100, 84.4 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 756.6 | 100, 84.4 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 756.6 | 100, 84.4 |
| 单位: ° | 光强: cd | | | | | | | | | 单位: lm | | |

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 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1 系统 V2.00.461
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 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz
实检光通: 896.707x1 lm

灯具名称: 2218.511-ACOT-97

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

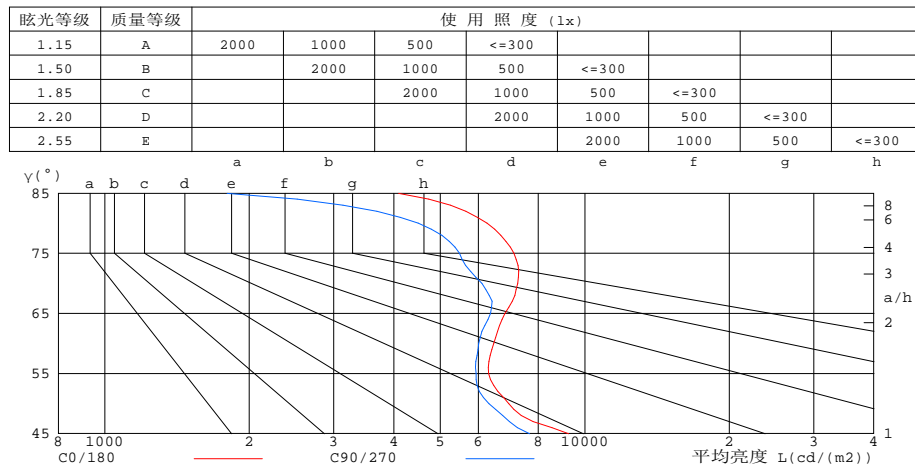
测试编号: 2308010965

制造厂商: RISE

发光口面: 0.001589625m²

遮光角:

有光侧边灯具的亮度限制曲线



| 平均亮度值 cd/(m2) | | |
|---------------|--------|---------|
| γ(°) | C0/180 | C90/270 |
| 85 | 4094 | 1797 |
| 80 | 6254 | 4499 |
| 75 | 7112 | 5478 |
| 70 | 7248 | 6105 |
| 65 | 6822 | 6360 |
| 60 | 6463 | 6015 |
| 55 | 6299 | 5933 |
| 50 | 6942 | 6313 |
| 45 | 9251 | 7671 |

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: DAMIN
测试日期: 2023-8-1

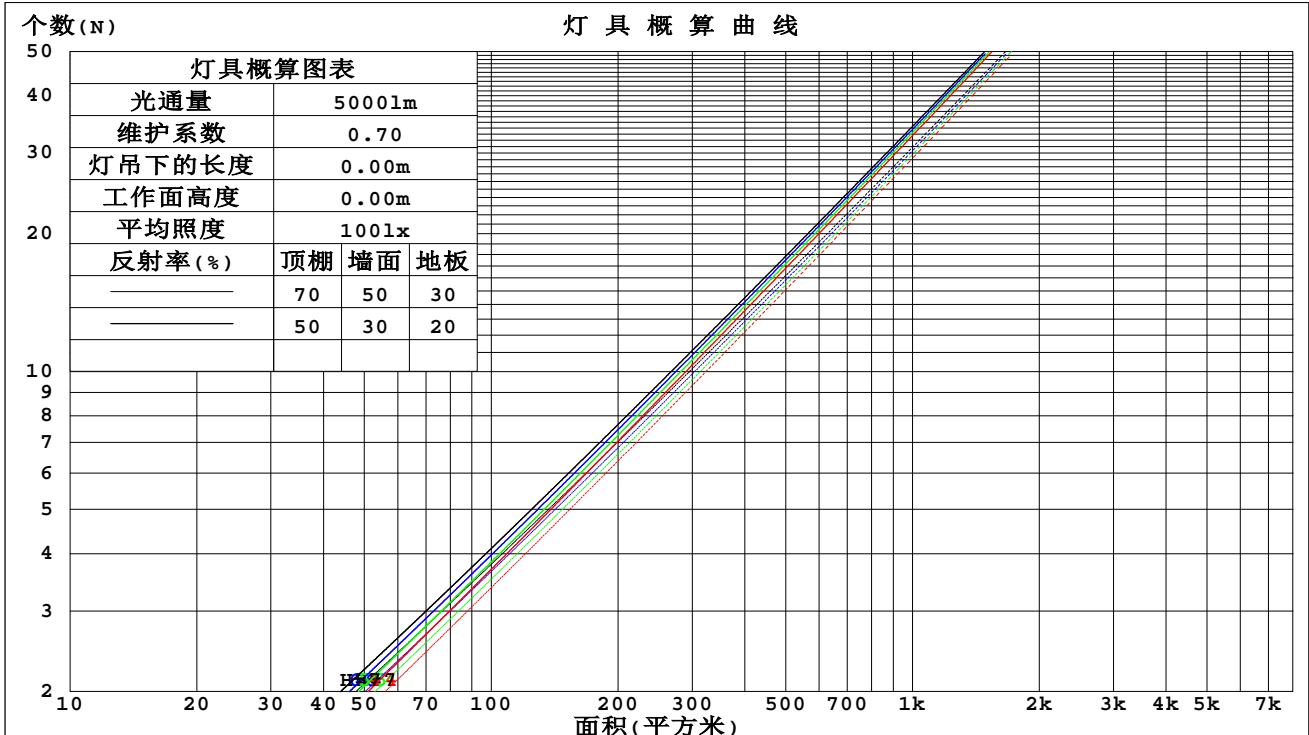
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz
实检光通: 896.707x1 lm

| | | |
|------------------------|---------------------------------|------------------|
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 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 | 1.00 | 1.00 | 1.00 | .98 | .98 | .98 | .94 | .94 | .94 | .90 | .90 | .90 | .86 | .86 | .86 | .84 |
| 1.0 | .95 | .93 | .92 | .93 | .92 | .91 | .90 | .89 | .88 | .87 | .86 | .85 | .84 | .83 | .83 | .81 |
| 2.0 | .91 | .88 | .86 | .89 | .87 | .85 | .86 | .85 | .83 | .84 | .83 | .81 | .82 | .81 | .80 | .78 |
| 3.0 | .87 | .83 | .81 | .85 | .83 | .80 | .83 | .81 | .79 | .81 | .80 | .78 | .80 | .78 | .77 | .76 |
| 4.0 | .83 | .80 | .77 | .82 | .79 | .77 | .81 | .78 | .76 | .79 | .77 | .75 | .78 | .76 | .74 | .73 |
| 5.0 | .80 | .77 | .74 | .79 | .76 | .74 | .78 | .75 | .73 | .77 | .74 | .72 | .76 | .74 | .72 | .71 |
| 6.0 | .77 | .74 | .71 | .77 | .73 | .71 | .76 | .73 | .71 | .75 | .72 | .70 | .74 | .71 | .70 | .69 |
| 7.0 | .75 | .71 | .69 | .74 | .71 | .69 | .73 | .70 | .68 | .73 | .70 | .68 | .72 | .69 | .68 | .67 |
| 8.0 | .73 | .69 | .67 | .72 | .69 | .67 | .71 | .68 | .66 | .71 | .68 | .66 | .70 | .68 | .66 | .65 |
| 9.0 | .70 | .67 | .65 | .70 | .67 | .65 | .69 | .67 | .64 | .69 | .66 | .64 | .68 | .66 | .64 | .63 |
| 10.0 | .69 | .65 | .63 | .68 | .65 | .63 | .68 | .65 | .63 | .67 | .64 | .63 | .67 | .64 | .62 | .62 |



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: DAMIN
测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 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 | .119 | .067 | .021 | .113 | .064 | .020 | .102 | .059 | .019 | .093 | .054 | .017 | .084 | .049 | .016 | |
| 2.0 | .110 | .060 | .018 | .105 | .058 | .018 | .096 | .054 | .017 | .088 | .050 | .016 | .081 | .046 | .014 | |
| 3.0 | .102 | .054 | .016 | .098 | .053 | .016 | .091 | .049 | .015 | .084 | .046 | .014 | .078 | .043 | .013 | |
| 4.0 | .095 | .049 | .015 | .092 | .048 | .014 | .086 | .046 | .014 | .080 | .043 | .013 | .075 | .041 | .012 | |
| 5.0 | .089 | .046 | .013 | .087 | .045 | .013 | .082 | .042 | .013 | .077 | .040 | .012 | .072 | .039 | .012 | |
| 6.0 | .085 | .042 | .012 | .082 | .041 | .012 | .078 | .040 | .012 | .074 | .038 | .011 | .070 | .037 | .011 | |
| 7.0 | .080 | .040 | .011 | .078 | .039 | .011 | .074 | .038 | .011 | .071 | .036 | .011 | .067 | .035 | .010 | |
| 8.0 | .076 | .037 | .010 | .074 | .037 | .010 | .071 | .036 | .010 | .068 | .034 | .010 | .065 | .033 | .010 | |
| 9.0 | .073 | .035 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .009 | .063 | .032 | .009 | |
| 10.0 | .070 | .033 | .009 | .068 | .033 | .009 | .066 | .032 | .009 | .063 | .031 | .009 | .061 | .031 | .009 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .161 | .161 | .161 | .137 | .137 | .137 | .094 | .094 | .094 | .054 | .054 | .054 | .017 | .017 | .017 | |
| 1.0 | .142 | .133 | .125 | .122 | .114 | .107 | .083 | .079 | .074 | .048 | .045 | .043 | .015 | .015 | .014 | |
| 2.0 | .127 | .112 | .099 | .109 | .096 | .086 | .075 | .067 | .060 | .043 | .039 | .035 | .014 | .013 | .011 | |
| 3.0 | .115 | .096 | .080 | .098 | .082 | .070 | .067 | .057 | .049 | .039 | .033 | .029 | .013 | .011 | .009 | |
| 4.0 | .104 | .083 | .066 | .089 | .071 | .058 | .061 | .050 | .041 | .035 | .029 | .024 | .011 | .009 | .008 | |
| 5.0 | .095 | .072 | .055 | .082 | .063 | .048 | .056 | .044 | .034 | .033 | .026 | .020 | .011 | .008 | .007 | |
| 6.0 | .088 | .064 | .047 | .075 | .055 | .041 | .052 | .039 | .029 | .030 | .023 | .017 | .010 | .007 | .006 | |
| 7.0 | .081 | .057 | .040 | .070 | .049 | .035 | .048 | .035 | .025 | .028 | .020 | .015 | .009 | .007 | .005 | |
| 8.0 | .076 | .051 | .034 | .065 | .044 | .030 | .045 | .031 | .021 | .026 | .018 | .013 | .008 | .006 | .004 | |
| 9.0 | .071 | .046 | .030 | .061 | .040 | .026 | .042 | .028 | .019 | .025 | .017 | .011 | .008 | .005 | .004 | |
| 10.0 | .067 | .042 | .026 | .057 | .037 | .023 | .040 | .026 | .016 | .023 | .015 | .010 | .008 | .005 | .003 | |

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测试速度: 快速
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测试人员: DAMIN
测试日期: 2023-8-1

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测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
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测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|--|-----|----------------------|------|------|---------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | | | | | | | | | | | |
| 灯具名称: 2218.511-ACOT-97 | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2308010965 | | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.001589625m2 | | | 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 | 11.1 | 11.8 | 11.3 | 11.9 | 12.1 | 10.5 | 11.2 | 10.7 | 11.3 | 11.5 | |
| | 3H | 12.4 | 13.0 | 12.7 | 13.2 | 13.4 | 11.8 | 12.4 | 12.0 | 12.6 | 12.8 | |
| | 4H | 13.1 | 13.7 | 13.3 | 13.9 | 14.1 | 12.3 | 12.9 | 12.5 | 13.1 | 13.3 | |
| | 6H | 13.5 | 14.1 | 13.8 | 14.3 | 14.6 | 12.6 | 13.2 | 12.9 | 13.4 | 13.7 | |
| | 8H | 13.7 | 14.2 | 14.0 | 14.4 | 14.7 | 12.7 | 13.2 | 13.0 | 13.5 | 13.7 | |
| | 12H | 13.7 | 14.2 | 14.0 | 14.5 | 14.8 | 12.7 | 13.2 | 13.0 | 13.5 | 13.7 | |
| | 4H | 2H | 11.5 | 12.1 | 11.8 | 12.3 | 12.5 | 11.0 | 11.6 | 11.3 | 11.8 | 12.0 |
| | | 3H | 13.1 | 13.6 | 13.4 | 13.9 | 14.1 | 12.5 | 13.1 | 12.8 | 13.3 | 13.6 |
| | | 4H | 13.9 | 14.3 | 14.2 | 14.6 | 14.9 | 13.2 | 13.7 | 13.5 | 14.0 | 14.3 |
| | | 6H | 14.5 | 14.9 | 14.8 | 15.2 | 15.5 | 13.6 | 14.1 | 14.0 | 14.4 | 14.7 |
| | | 8H | 14.6 | 15.0 | 15.0 | 15.4 | 15.7 | 13.7 | 14.1 | 14.1 | 14.5 | 14.8 |
| | | 12H | 14.7 | 15.1 | 15.1 | 15.4 | 15.8 | 13.7 | 14.1 | 14.1 | 14.5 | 14.8 |
| 8H | 4H | 14.1 | 14.5 | 14.5 | 14.8 | 15.2 | 13.5 | 13.9 | 13.9 | 14.2 | 14.6 | |
| | 6H | 14.8 | 15.1 | 15.2 | 15.5 | 15.9 | 14.1 | 14.4 | 14.5 | 14.8 | 15.2 | |
| | 8H | 15.0 | 15.3 | 15.5 | 15.7 | 16.2 | 14.2 | 14.5 | 14.7 | 14.9 | 15.4 | |
| | 12H | 15.1 | 15.4 | 15.6 | 15.8 | 16.3 | 14.2 | 14.5 | 14.7 | 14.9 | 15.4 | |
| 12H | 4H | 14.1 | 14.5 | 14.5 | 14.8 | 15.2 | 13.5 | 13.9 | 13.9 | 14.2 | 14.6 | |
| | 6H | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | 14.1 | 14.4 | 14.6 | 14.8 | 15.3 | |
| | 8H | 15.1 | 15.3 | 15.5 | 15.8 | 16.2 | 14.3 | 14.5 | 14.8 | 15.0 | 15.5 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 0.5 / - 0.5 | | | | | + 0.4 / - 0.5 | | | | | |
| 1.5H | | + 1.1 / - 0.5 | | | | | + 0.9 / - 0.5 | | | | | |
| 2.0H | | + 0.4 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |

依据CIE Pub.117计算, 896.7lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = -0.4$).
 出光口面积: 0.00158963 m²

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: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

UF利用系数表

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 遮光角: |

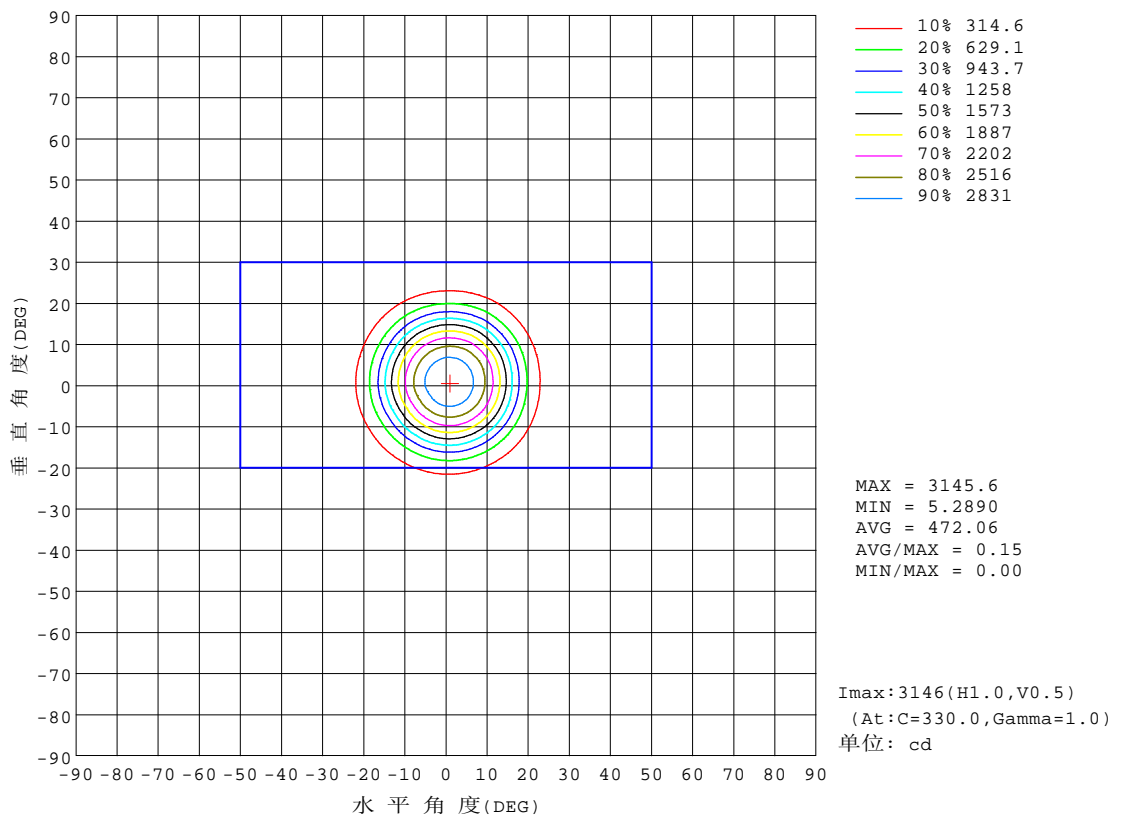
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 76 | 71 | 68 | 75 | 71 | 68 | 75 | 70 | 68 | 65 |
| 0.80 | 82 | 77 | 74 | 81 | 77 | 74 | 80 | 76 | 74 | 71 |
| 1.00 | 85 | 81 | 78 | 84 | 80 | 78 | 83 | 80 | 77 | 74 |
| 1.25 | 88 | 84 | 81 | 87 | 84 | 81 | 86 | 83 | 80 | 77 |
| 1.50 | 90 | 87 | 84 | 89 | 86 | 84 | 87 | 85 | 83 | 79 |
| 2.00 | 92 | 89 | 86 | 91 | 88 | 86 | 89 | 86 | 84 | 80 |
| 2.50 | 94 | 91 | 88 | 92 | 89 | 87 | 90 | 87 | 86 | 81 |
| 3.00 | 95 | 92 | 90 | 93 | 91 | 89 | 90 | 89 | 87 | 82 |
| 4.00 | 96 | 94 | 92 | 95 | 93 | 91 | 92 | 90 | 89 | 83 |
| 5.00 | 97 | 96 | 94 | 96 | 94 | 93 | 92 | 91 | 90 | 84 |
| 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: DAMIN
测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

灯具等光强曲线

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 遮光角: |

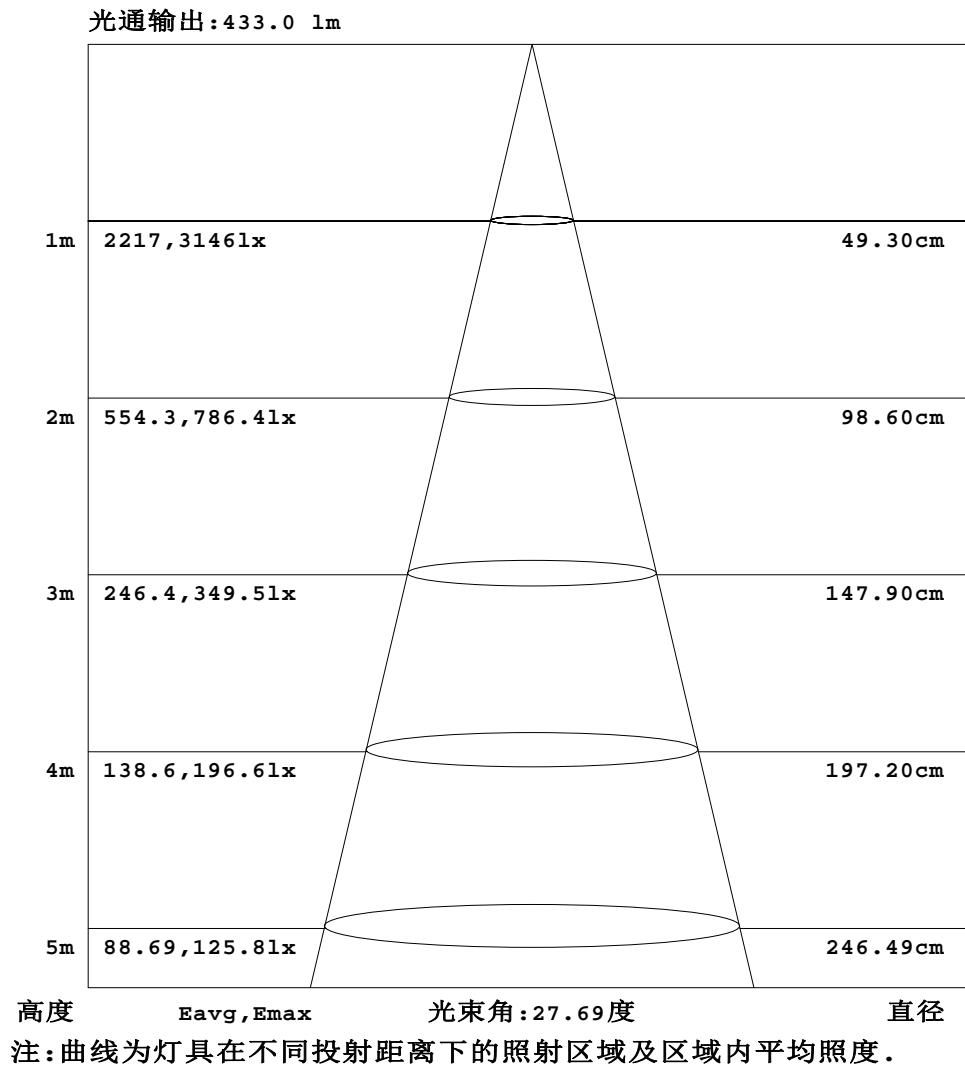


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: DAMIN
测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 遮光角: |

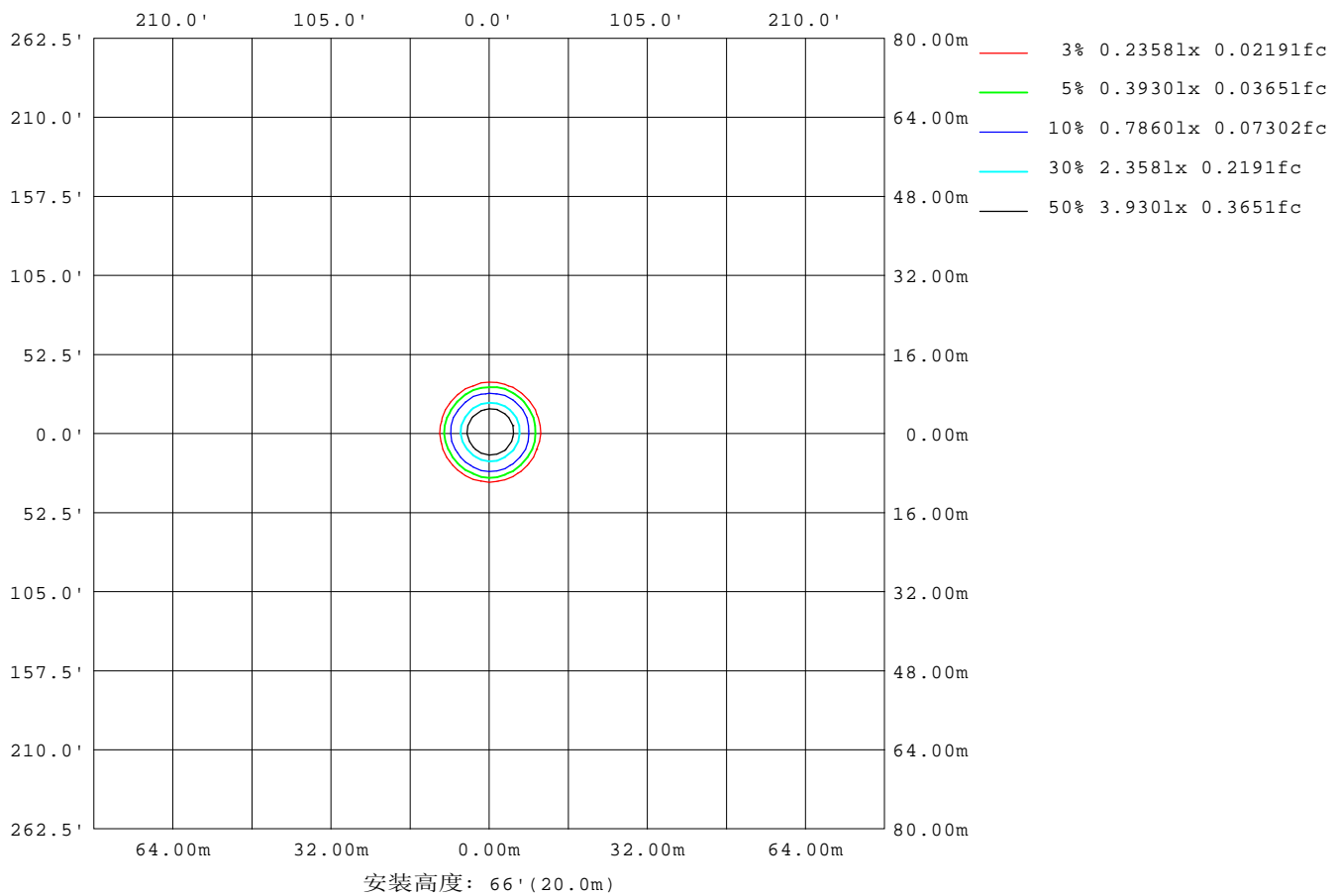


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 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: DAMIN
测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m ² | 遮光角: |

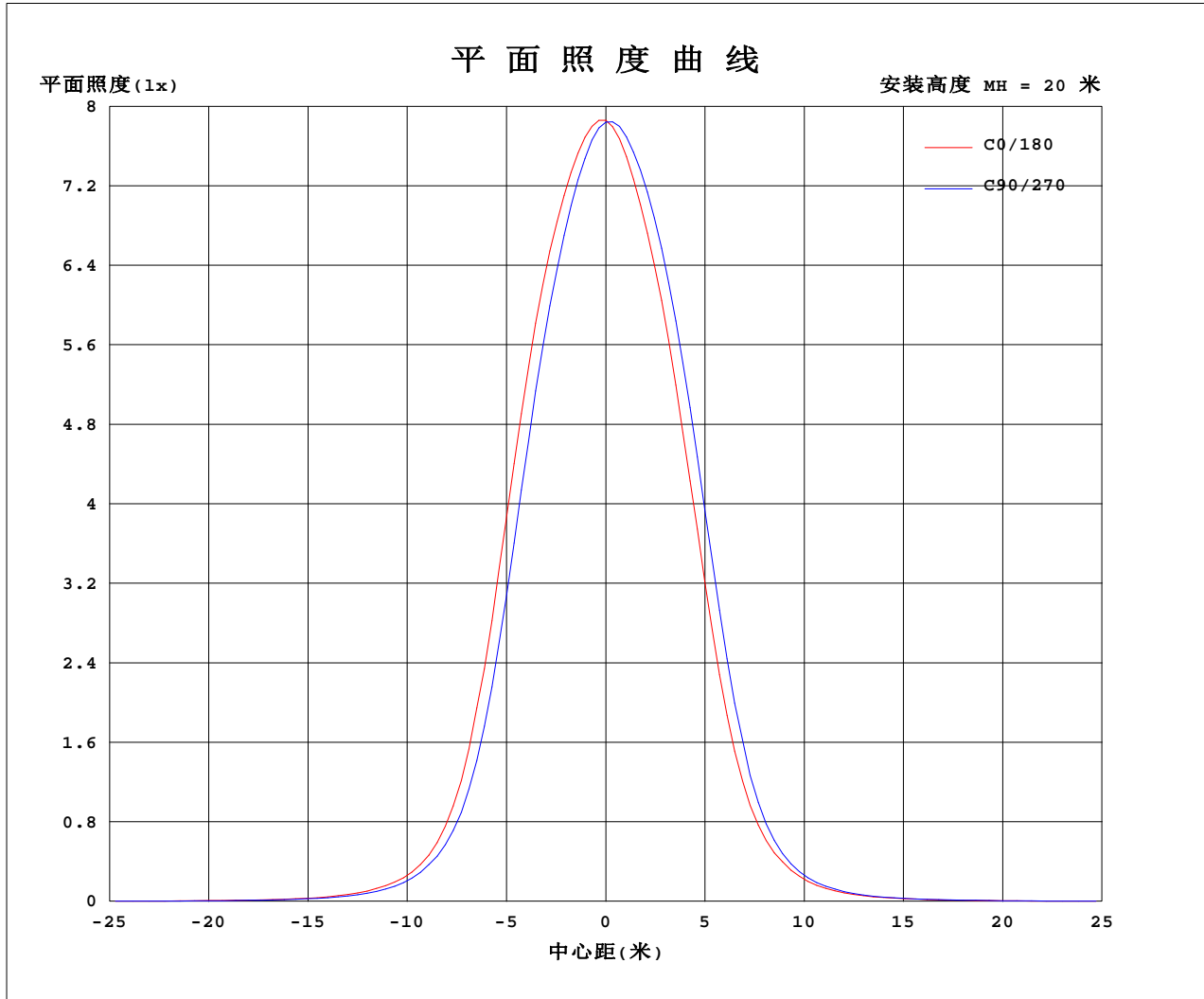
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 6492 |
| L横(75)av | 6226 |
| L横(85)av | 2394 |
| L纵(65)av | 6461 |
| L纵(75)av | 5858 |
| L纵(85)av | 1919 |
| L45(65)av | 6482 |
| L45(75)av | 6164 |
| L45(85)av | 2155 |

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: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

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: DAMIN
 测试日期: 2023-8-1

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-SPEX500_V1系统 V2.00.461
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90
 LENS: PM-1084A 24R
 DRIVER: 9290 028 088 250mA
 30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|--|---------------------|------------------|
| 实测参数: U:220.13V I:0.0522A P:11.098W PF:0.9636 Freq:49.99Hz 实检光通: 896.707x1 lm | | |
| 灯具名称: 2218.511-ACOT-97 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2308010965 |
| 制造厂商: RISE | 发光口面: 0.001589625m2 | 遮光角: |

| | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--|--|--|--|--|--|
| 表--1 | | | | | | | | | | | | | 单位: cd | | | | | | |
| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
| 0 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | 3139 | | | | | | | |
| 5 | 2963 | 2930 | 2880 | 2834 | 2800 | 2789 | 2832 | 2877 | 2927 | 2979 | 3004 | 3000 | | | | | | | |
| 10 | 2433 | 2348 | 2241 | 2153 | 2082 | 2075 | 2172 | 2257 | 2366 | 2447 | 2517 | 2516 | | | | | | | |
| 15 | 1488 | 1381 | 1246 | 1161 | 1093 | 1100 | 1211 | 1295 | 1430 | 1525 | 1627 | 1609 | | | | | | | |
| 20 | 586 | 534 | 469 | 434 | 405 | 412 | 466 | 503 | 569 | 613 | 674 | 662 | | | | | | | |
| 25 | 201 | 185 | 165 | 158 | 151 | 154 | 169 | 175 | 196 | 204 | 230 | 221 | | | | | | | |
| 30 | 80.8 | 69.9 | 63.1 | 62.9 | 60.1 | 61.3 | 66.1 | 65.7 | 69.1 | 77.8 | 86.0 | 88.2 | | | | | | | |
| 35 | 34.8 | 31.3 | 29.1 | 28.2 | 27.0 | 27.4 | 29.2 | 29.6 | 30.5 | 33.1 | 36.1 | 37.2 | | | | | | | |
| 40 | 18.0 | 17.2 | 16.2 | 15.2 | 14.6 | 14.8 | 15.8 | 16.3 | 16.7 | 17.1 | 18.2 | 18.4 | | | | | | | |
| 45 | 10.4 | 10.1 | 9.44 | 8.63 | 8.29 | 8.28 | 8.86 | 9.44 | 9.77 | 10.1 | 10.6 | 10.7 | | | | | | | |
| 50 | 7.08 | 7.07 | 6.81 | 6.45 | 6.24 | 6.30 | 6.48 | 6.70 | 6.92 | 7.03 | 7.08 | 7.09 | | | | | | | |
| 55 | 5.73 | 5.76 | 5.62 | 5.41 | 5.30 | 5.27 | 5.39 | 5.46 | 5.60 | 5.65 | 5.72 | 5.79 | | | | | | | |
| 60 | 5.13 | 5.11 | 4.99 | 4.78 | 4.65 | 4.65 | 4.72 | 4.81 | 4.95 | 5.00 | 5.08 | 5.13 | | | | | | | |
| 65 | 4.58 | 4.54 | 4.43 | 4.27 | 4.12 | 4.08 | 4.15 | 4.25 | 4.35 | 4.41 | 4.50 | 4.57 | | | | | | | |
| 70 | 3.93 | 3.82 | 3.61 | 3.32 | 3.27 | 3.22 | 3.31 | 3.40 | 3.54 | 3.70 | 3.88 | 3.99 | | | | | | | |
| 75 | 2.92 | 2.84 | 2.64 | 2.25 | 2.27 | 2.17 | 2.20 | 2.25 | 2.39 | 2.57 | 2.77 | 2.92 | | | | | | | |
| 80 | 1.72 | 1.67 | 1.52 | 1.24 | 1.13 | 1.02 | 1.05 | 1.08 | 1.20 | 1.38 | 1.57 | 1.72 | | | | | | | |
| 85 | 0.57 | 0.53 | 0.40 | 0.25 | 0.14 | 0.09 | 0.10 | 0.09 | 0.16 | 0.28 | 0.43 | 0.55 | | | | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 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: DAMIN
测试日期: 2023-8-1

γ角度范围: 0度 - 180度
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测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
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LENS: PM-1084A 24R
DRIVER: 9290 028 088 250mA
30minutes warm-up