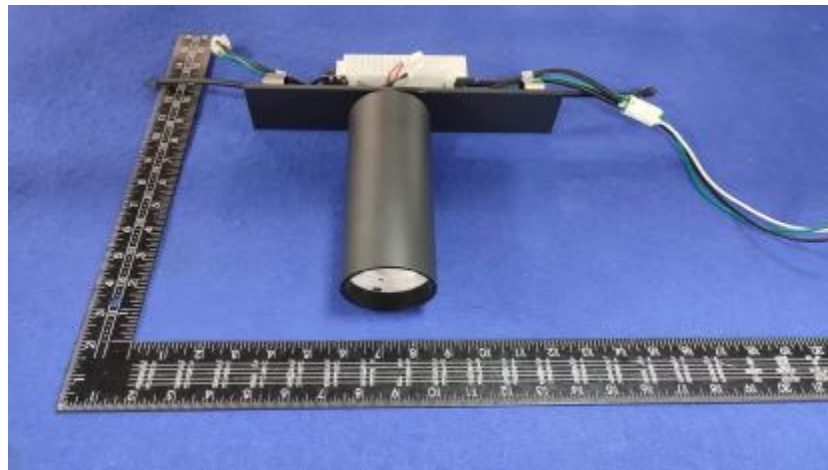


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 83.4% | |
| Luminaire Power: | 40.84 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 1.00 | 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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CXB-1830-0000-000N0US430G Ra:90
 LENS: PM-1076A 23R
 DRIVER: PUP40A-1WMC-1200 1050mA
 30minutes warm-up

灯具配光曲线及特征面照片

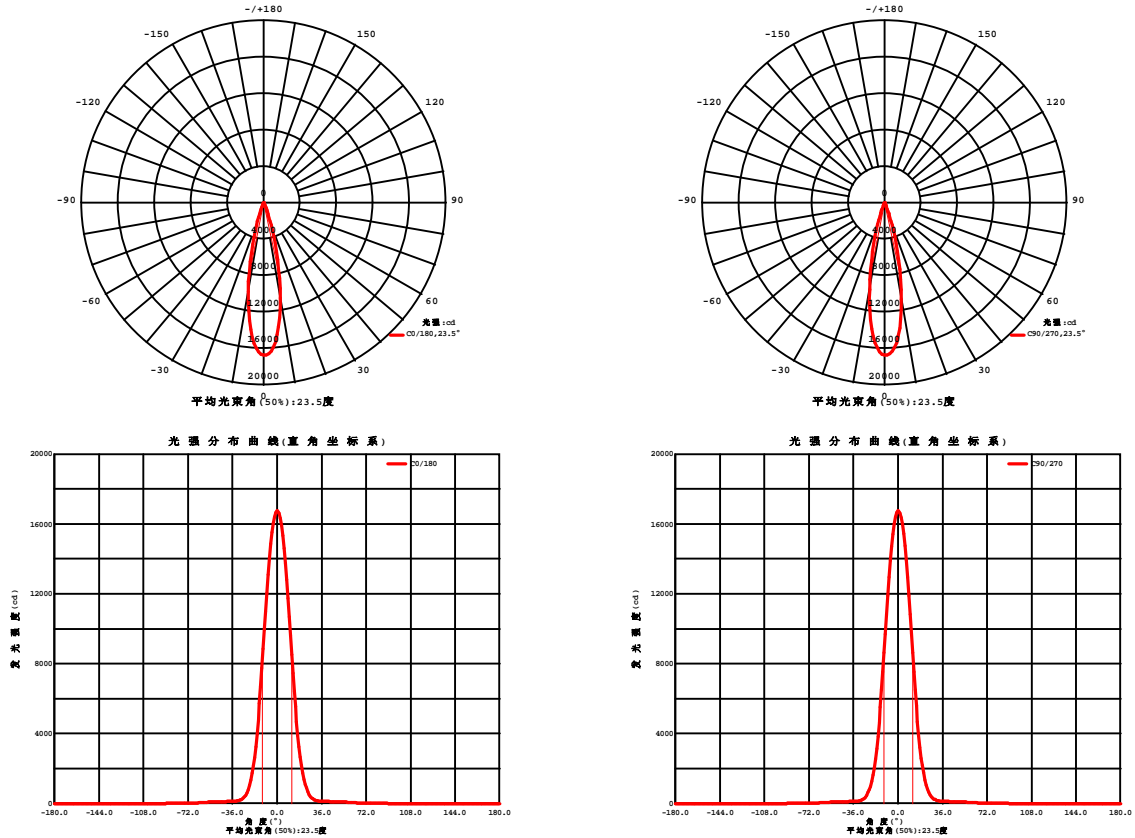


Fig. C0/C180

Fig. C90/C270

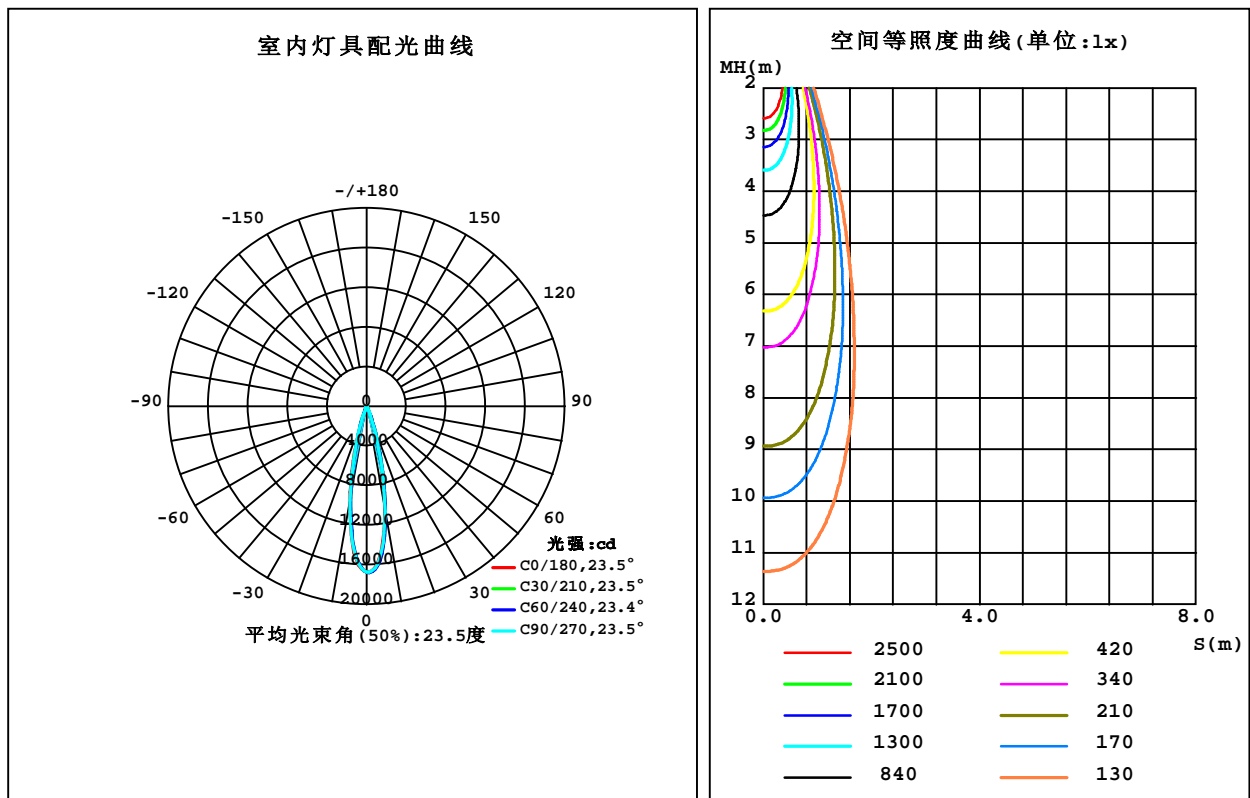
C角度范围： 0度 - 360度
C角度间隔： 30.0度
测试速度：快速
环境温度：25.3℃
测试人员：zoe
测试日期：2022-9-6

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 V2.00.416
环境湿度：65.0%
测试距离：3.160米 [K=1.0000]
备注： LAMP:CXB-1830-0000-000N0US430G Ra:90
LENS:PM-1076A 23R
DRIVER:PUP40A-1WMC-1200 1050mA
30minutes warm-up

室内灯具光度数据

| | | |
|--|--------------------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m ² | 遮光角: |

| 光源数据 | | 光度数据 | | 光效: 80.91 lm/W | |
|-----------|---------|----------|--------|-------------------|----------|
| 型号 | CREE | 峰值光强(cd) | 16818 | S/MH(C0/180) | 0.38 |
| 标称功率(W) | 41 | 灯具效率(%) | 83.4 | S/MH(C90/270) | 0.38 |
| 额定电源电压(V) | 120 | 总光通量(lm) | 3304.3 | h UP,DN(C0-180) | 0.0,42.9 |
| 额定光通量(lm) | 3963.64 | CIE分类 | 直接 | h UP,DN(C180-360) | 0.0,40.4 |
| 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) | 120 | 下射光通比(%) | 83.4 | CIBSE SHR MAX | 1.00 |



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: Zoe
测试日期: 2022-9-6

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 V2.00.416
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
LENS:PM-1076A 23R
DRIVER:PUP40A-1WMC-1200 1050mA
30minutes warm-up

灯具环带光通量

环带光通量:

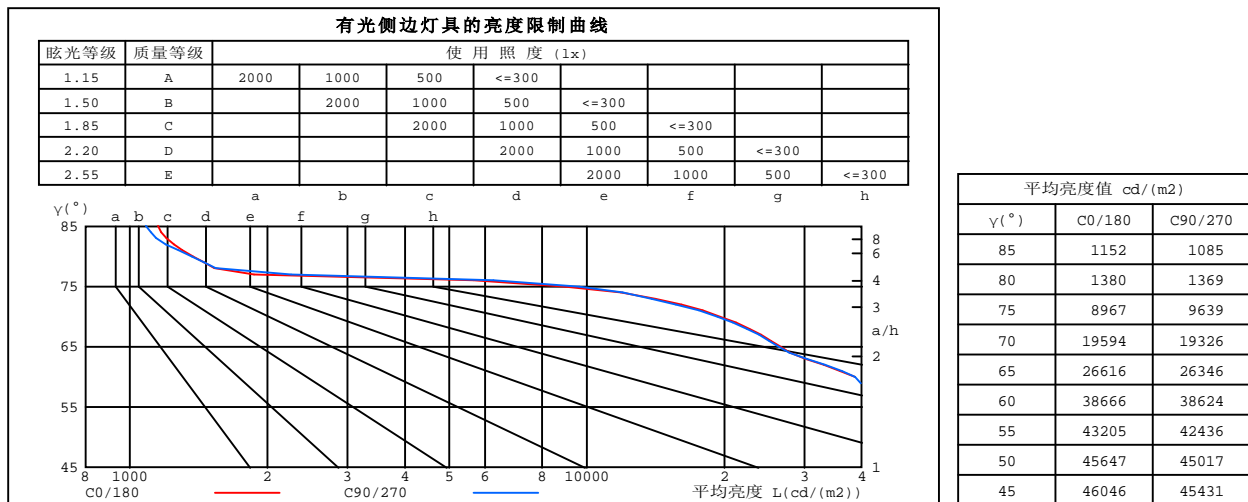
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | $\gamma(^{\circ})$ | 环 | 总 | %lum, lamp |
|------|----------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|------|------------|
| 10 | 1067 | 1107 | 1081 | 969.6 | 993.1 | 942.7 | 969.3 | 1083 | 0- 10 | 1280 | 1280 | 38.7,32.3 |
| 20 | 217.1 | 235.8 | 218.0 | 171.7 | 175.2 | 151.9 | 162.9 | 229.2 | 10- 20 | 1428 | 2708 | 82,68.3 |
| 30 | 21.86 | 22.94 | 22.45 | 18.73 | 18.35 | 16.93 | 17.31 | 23.22 | 20- 30 | 321.9 | 3030 | 91.7,76.4 |
| 40 | 11.55 | 11.48 | 11.41 | 11.34 | 11.17 | 10.96 | 10.94 | 11.67 | 30- 40 | 87.05 | 3117 | 94.3,78.6 |
| 50 | 9.127 | 9.050 | 9.020 | 8.847 | 8.917 | 8.698 | 8.784 | 9.269 | 40- 50 | 77.81 | 3195 | 96.7,80.6 |
| 60 | 6.014 | 6.062 | 6.020 | 5.449 | 5.650 | 5.281 | 5.382 | 6.072 | 50- 60 | 66.65 | 3262 | 98.7,82.3 |
| 70 | 2.085 | 2.073 | 2.060 | 1.832 | 1.925 | 1.710 | 1.725 | 2.152 | 60- 70 | 34.73 | 3296 | 99.8,83.2 |
| 80 | 0.0745 | 0.0732 | 0.0741 | 0.0607 | 0.0629 | 0.0556 | 0.0608 | 0.0704 | 70- 80 | 7.654 | 3304 | 100,83.4 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.3098 | 3304 | 100,83.4 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 3304 | 100,83.4 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 3304 | 100,83.4 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 3304 | 100,83.4 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 3304 | 100,83.4 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 3304 | 100,83.4 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 3304 | 100,83.4 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 3304 | 100,83.4 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 3304 | 100,83.4 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 3304 | 100,83.4 |
| 单位:° | 光强:×10cd | | | | | | | | | 单位:lm | | |

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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

灯具亮度限制曲线

| | | |
|--|--------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m2 | 遮光角: |



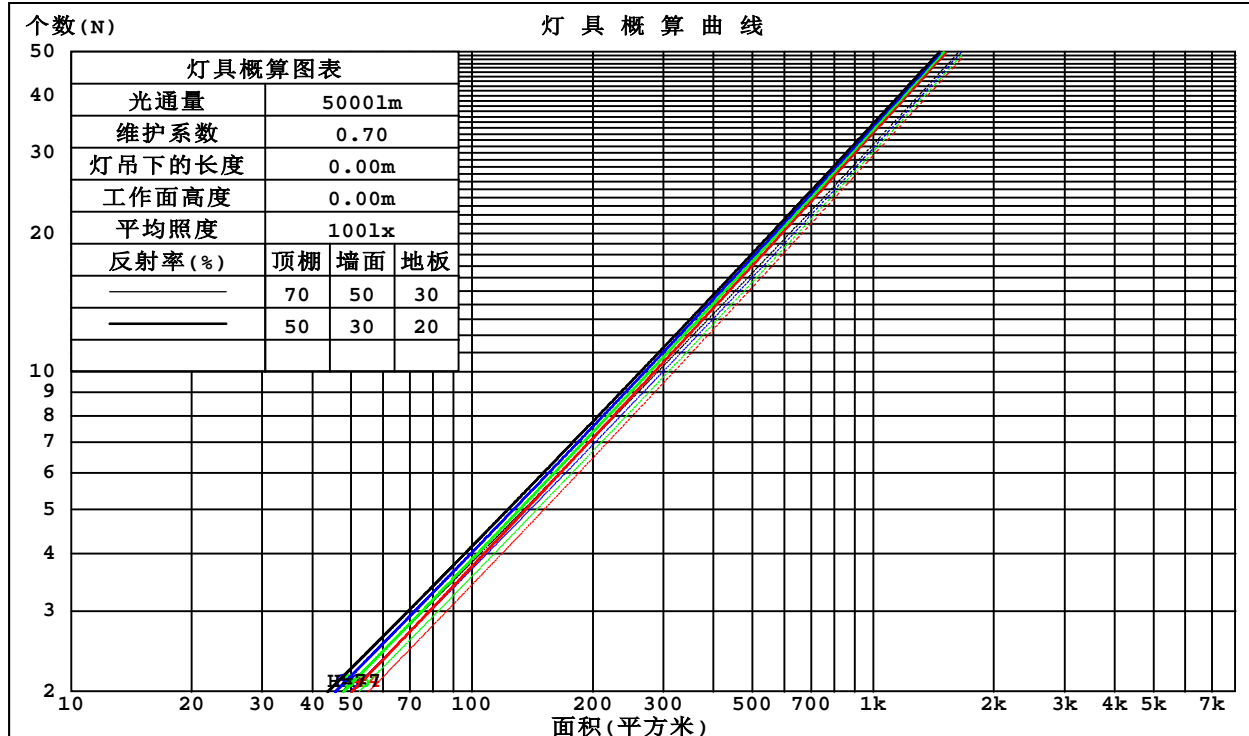
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: Zoe
测试日期: 2022-9-6

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 V2.00.416
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
LENS:PM-1076A 23R
DRIVER:PUP40A-1WMC-1200 1050mA
30minutes warm-up

工作面利用系数和灯具概算曲线

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2209060797 |
| 制造厂商: RISE | 发光口面: 0.003115665m 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 | .99 | .99 | .99 | .97 | .97 | .97 | .93 | .93 | .93 | .89 | .89 | .89 | .85 | .85 | .85 | .83 |
| 1.0 | .94 | .92 | .91 | .92 | .91 | .89 | .89 | .88 | .87 | .86 | .85 | .84 | .83 | .82 | .82 | .80 |
| 2.0 | .89 | .87 | .85 | .88 | .86 | .84 | .85 | .83 | .82 | .83 | .81 | .80 | .81 | .80 | .79 | .77 |
| 3.0 | .85 | .82 | .80 | .84 | .81 | .79 | .82 | .80 | .78 | .80 | .78 | .77 | .79 | .77 | .76 | .75 |
| 4.0 | .82 | .79 | .76 | .81 | .78 | .76 | .79 | .77 | .75 | .78 | .76 | .74 | .77 | .75 | .73 | .72 |
| 5.0 | .79 | .76 | .73 | .78 | .75 | .73 | .77 | .74 | .72 | .76 | .73 | .71 | .75 | .72 | .71 | .70 |
| 6.0 | .76 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .70 | .74 | .71 | .69 | .73 | .70 | .69 | .68 |
| 7.0 | .74 | .70 | .68 | .73 | .70 | .68 | .73 | .70 | .68 | .72 | .69 | .67 | .71 | .69 | .67 | .66 |
| 8.0 | .72 | .68 | .66 | .71 | .68 | .66 | .71 | .68 | .66 | .70 | .67 | .65 | .69 | .67 | .65 | .64 |
| 9.0 | .70 | .66 | .64 | .70 | .66 | .64 | .69 | .66 | .64 | .68 | .66 | .64 | .68 | .65 | .64 | .63 |
| 10.0 | .68 | .65 | .63 | .68 | .65 | .62 | .67 | .64 | .62 | .67 | .64 | .62 | .66 | .64 | .62 | .61 |



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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP: CXB-1830-0000-000N0US430G Ra:90
 LENS: PM-1076A 23R
 DRIVER: PUP40A-1WMC-1200 1050mA
 30minutes warm-up

墙面和天花板利用系数

| | | | | | |
|--|--|--|--------------------|--|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | | | | |
| 灯具名称: 2117.456-V-AM | | | 灯具类型: | | 灯具重量: |
| 灯具规格:3000K | | | 外型尺寸: | | 测试编号:2209060797 |
| 制造厂商: RISE | | | 发光口面:0.003115665m2 | | 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 | .117 | .067 | .021 | .112 | .064 | .020 | .102 | .058 | .019 | .092 | .053 | .017 | .083 | .048 | .016 | |
| 2.0 | .109 | .060 | .018 | .105 | .058 | .018 | .096 | .053 | .017 | .088 | .050 | .015 | .081 | .046 | .014 | |
| 3.0 | .102 | .054 | .016 | .098 | .052 | .016 | .091 | .049 | .015 | .084 | .046 | .014 | .078 | .043 | .013 | |
| 4.0 | .095 | .049 | .015 | .092 | .048 | .014 | .086 | .045 | .014 | .080 | .043 | .013 | .075 | .041 | .012 | |
| 5.0 | .089 | .045 | .013 | .086 | .044 | .013 | .081 | .042 | .012 | .076 | .040 | .012 | .072 | .038 | .012 | |
| 6.0 | .084 | .042 | .012 | .081 | .041 | .012 | .077 | .039 | .011 | .073 | .038 | .011 | .069 | .036 | .011 | |
| 7.0 | .079 | .039 | .011 | .077 | .038 | .011 | .073 | .037 | .011 | .070 | .036 | .010 | .066 | .034 | .010 | |
| 8.0 | .075 | .037 | .010 | .073 | .036 | .010 | .070 | .035 | .010 | .067 | .034 | .010 | .064 | .033 | .010 | |
| 9.0 | .071 | .035 | .010 | .070 | .034 | .010 | .067 | .033 | .009 | .064 | .032 | .009 | .062 | .031 | .009 | |
| 10.0 | .068 | .033 | .009 | .067 | .032 | .009 | .064 | .031 | .009 | .062 | .031 | .009 | .059 | .030 | .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 | .159 | .159 | .159 | .136 | .136 | .136 | .093 | .093 | .093 | .053 | .053 | .053 | .017 | .017 | .017 | |
| 1.0 | .141 | .131 | .123 | .120 | .113 | .106 | .082 | .078 | .073 | .047 | .045 | .043 | .015 | .014 | .014 | |
| 2.0 | .126 | .111 | .098 | .108 | .095 | .085 | .074 | .066 | .059 | .043 | .038 | .035 | .014 | .012 | .011 | |
| 3.0 | .113 | .094 | .079 | .097 | .081 | .069 | .067 | .057 | .048 | .039 | .033 | .028 | .012 | .011 | .009 | |
| 4.0 | .103 | .082 | .065 | .088 | .071 | .057 | .061 | .049 | .040 | .035 | .029 | .024 | .011 | .009 | .008 | |
| 5.0 | .094 | .071 | .055 | .081 | .062 | .048 | .056 | .043 | .034 | .032 | .025 | .020 | .010 | .008 | .007 | |
| 6.0 | .087 | .063 | .046 | .074 | .055 | .040 | .051 | .038 | .028 | .030 | .023 | .017 | .010 | .007 | .006 | |
| 7.0 | .080 | .056 | .039 | .069 | .049 | .034 | .048 | .034 | .024 | .028 | .020 | .015 | .009 | .007 | .005 | |
| 8.0 | .075 | .051 | .034 | .064 | .044 | .030 | .044 | .031 | .021 | .026 | .018 | .013 | .008 | .006 | .004 | |
| 9.0 | .070 | .046 | .030 | .060 | .040 | .026 | .042 | .028 | .018 | .024 | .017 | .011 | .008 | .005 | .004 | |
| 10.0 | .066 | .042 | .026 | .057 | .036 | .023 | .039 | .026 | .016 | .023 | .015 | .010 | .007 | .005 | .003 | |

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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | |
|--|----------------------|------|------|------|--------------------|--------------------|------|-----------------|------|------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | | | | | | | | | |
| 灯具名称: 2117.456-V-AM | | | | | 灯具类型: | | | 灯具重量: | | |
| 灯具规格:3000K | | | | | 外型尺寸: | | | 测试编号:2209060797 | | |
| 制造厂商: RISE | | | | | 发光口面:0.003115665m2 | | | 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 | 18.7 | 19.4 | 18.9 | 19.5 | 19.7 | 18.6 | 19.3 | 18.8 | 19.4 | 19.6 |
| 3H | 19.3 | 19.9 | 19.5 | 20.1 | 20.3 | 19.2 | 19.8 | 19.4 | 20.0 | 20.2 |
| 4H | 19.3 | 19.9 | 19.6 | 20.1 | 20.3 | 19.2 | 19.8 | 19.5 | 20.0 | 20.2 |
| 6H | 19.2 | 19.8 | 19.5 | 20.0 | 20.3 | 19.1 | 19.7 | 19.4 | 19.9 | 20.2 |
| 8H | 19.2 | 19.7 | 19.5 | 20.0 | 20.2 | 19.1 | 19.6 | 19.4 | 19.9 | 20.1 |
| 12H | 19.1 | 19.7 | 19.5 | 19.9 | 20.2 | 19.1 | 19.6 | 19.4 | 19.8 | 20.1 |
| 4H 2H | 19.1 | 19.7 | 19.3 | 19.9 | 20.1 | 19.0 | 19.6 | 19.3 | 19.8 | 20.0 |
| 3H | 19.7 | 20.2 | 20.0 | 20.5 | 20.8 | 19.6 | 20.2 | 20.0 | 20.4 | 20.7 |
| 4H | 19.8 | 20.2 | 20.1 | 20.5 | 20.8 | 19.7 | 20.2 | 20.0 | 20.5 | 20.8 |
| 6H | 19.7 | 20.1 | 20.0 | 20.4 | 20.8 | 19.6 | 20.0 | 20.0 | 20.3 | 20.7 |
| 8H | 19.6 | 20.0 | 20.0 | 20.4 | 20.7 | 19.5 | 19.9 | 19.9 | 20.3 | 20.6 |
| 12H | 19.6 | 19.9 | 20.0 | 20.3 | 20.7 | 19.5 | 19.8 | 19.9 | 20.2 | 20.6 |
| 8H 4H | 19.7 | 20.1 | 20.1 | 20.4 | 20.8 | 19.6 | 20.0 | 20.0 | 20.4 | 20.7 |
| 6H | 19.6 | 19.9 | 20.0 | 20.3 | 20.7 | 19.5 | 19.8 | 19.9 | 20.2 | 20.6 |
| 8H | 19.5 | 19.8 | 20.0 | 20.2 | 20.7 | 19.4 | 19.7 | 19.9 | 20.1 | 20.6 |
| 12H | 19.5 | 19.7 | 19.9 | 20.1 | 20.6 | 19.4 | 19.6 | 19.8 | 20.1 | 20.5 |
| 12H 4H | 19.6 | 20.0 | 20.0 | 20.4 | 20.8 | 19.6 | 19.9 | 20.0 | 20.3 | 20.7 |
| 6H | 19.5 | 19.8 | 20.0 | 20.2 | 20.7 | 19.4 | 19.7 | 19.9 | 20.1 | 20.6 |
| 8H | 19.5 | 19.7 | 19.9 | 20.1 | 20.6 | 19.4 | 19.6 | 19.8 | 20.1 | 20.5 |
| 不同间隔布灯时,观察者位置引起的UGR变化: | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.4 | | | | | + 0.4 / - 0.4 | | | | |
| 1.5H | + 0.6 / - 0.7 | | | | | + 0.5 / - 0.6 | | | | |
| 2.0H | + 0.8 / - 1.6 | | | | | + 0.8 / - 1.6 | | | | |

依据CIE Pub.117计算, 3964lm光源光通,表格已经进行修正($8\log(F/F_0) = 4.8$).
出光口面积: 0.00311566 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: Zoe
测试日期: 2022-9-6

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 V2.00.416
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
LENS:PM-1076A 23R
DRIVER:PUP40A-1WMC-1200 1050mA
30minutes warm-up

UF利用系数表

| | | |
|--|--------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m2 | 遮光角: |

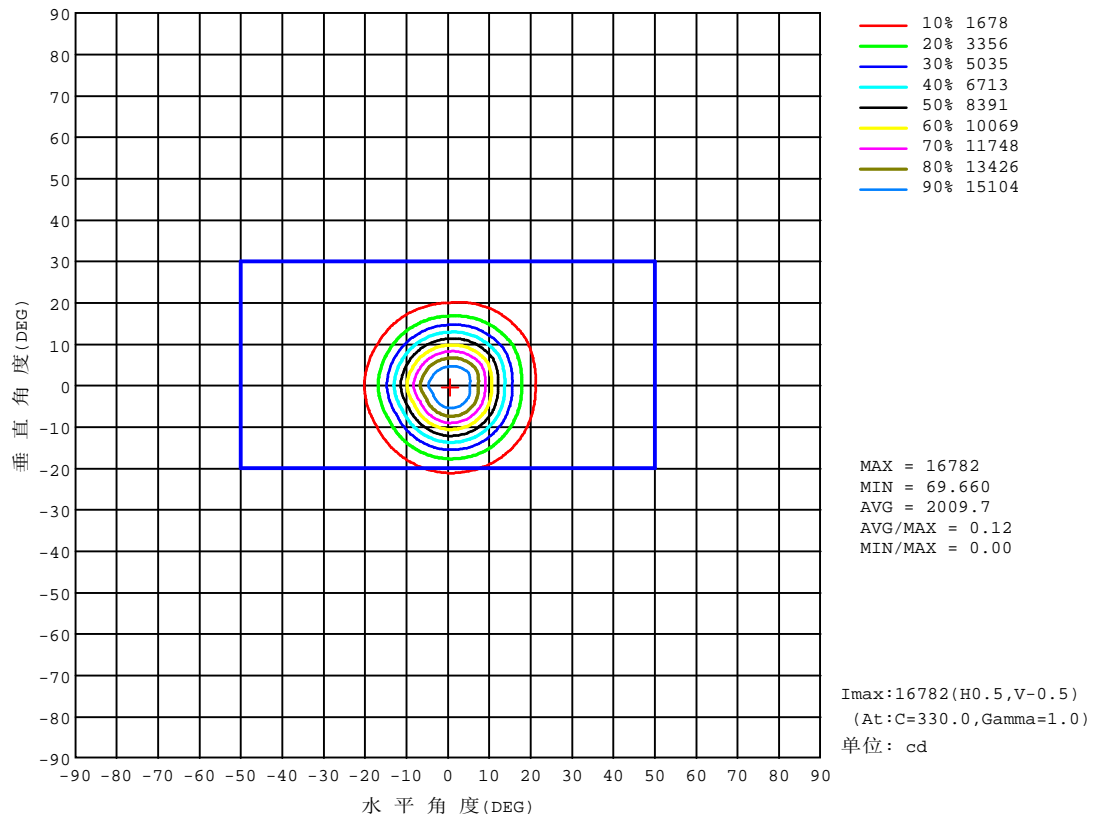
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|---------------------|-----|-----|-----|---------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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 | 73 | 68 | 65 | 73 | 68 | 65 | 72 | 68 | 65 | 62 |
| 0.80 | 79 | 75 | 72 | 79 | 74 | 71 | 78 | 74 | 71 | 68 |
| 1.00 | 83 | 78 | 75 | 82 | 78 | 75 | 81 | 78 | 75 | 72 |
| 1.25 | 86 | 82 | 79 | 85 | 82 | 79 | 84 | 81 | 78 | 75 |
| 1.50 | 88 | 85 | 82 | 87 | 84 | 81 | 86 | 83 | 81 | 77 |
| 2.00 | 91 | 87 | 85 | 89 | 86 | 84 | 87 | 85 | 83 | 78 |
| 2.50 | 92 | 89 | 86 | 91 | 88 | 86 | 88 | 86 | 84 | 79 |
| 3.00 | 93 | 91 | 88 | 92 | 89 | 87 | 89 | 87 | 86 | 80 |
| 4.00 | 95 | 93 | 91 | 93 | 91 | 90 | 90 | 89 | 88 | 82 |
| 5.00 | 96 | 94 | 93 | 94 | 93 | 91 | 91 | 90 | 89 | 83 |
| 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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

灯具等光强曲线

| | | |
|--|--------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m2 | 遮光角: |



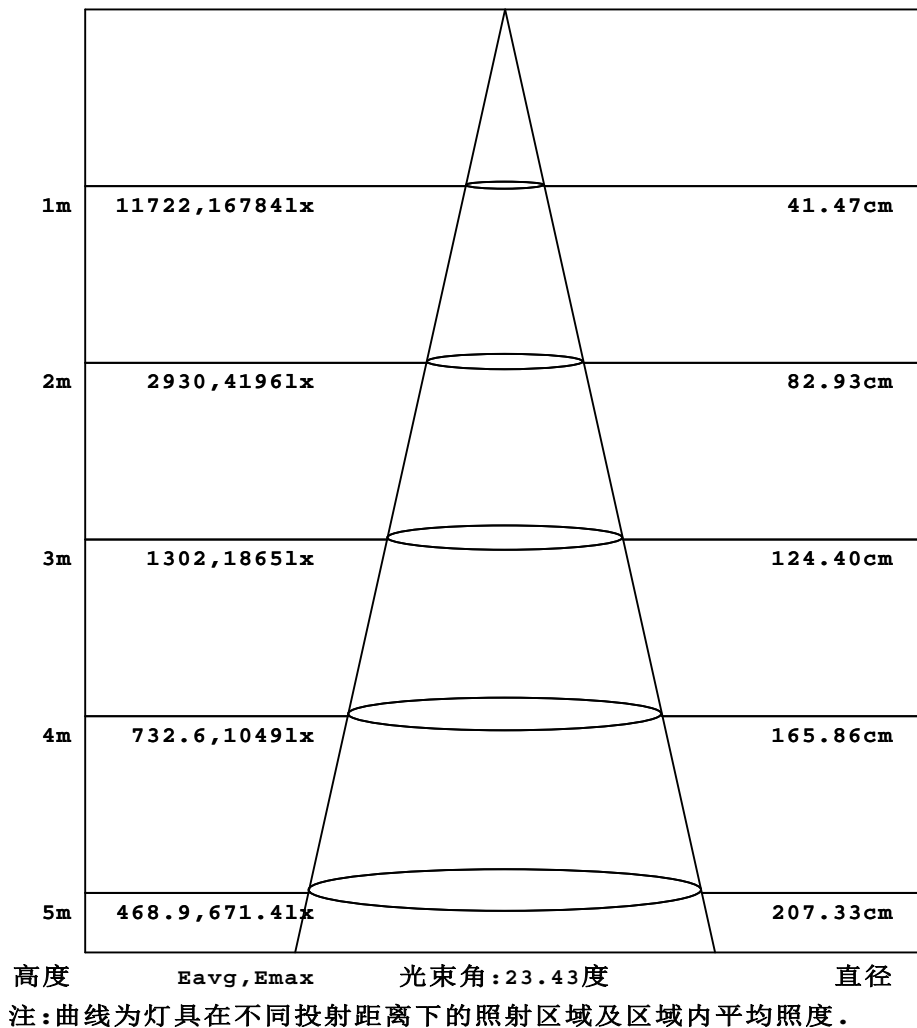
C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: Zoe
测试日期: 2022-9-6

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 V2.00.416
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
LENS:PM-1076A 23R
DRIVER:PUP40A-1WMC-1200 1050mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|--------------------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m ² | 遮光角: |

光通输出:1664 lm

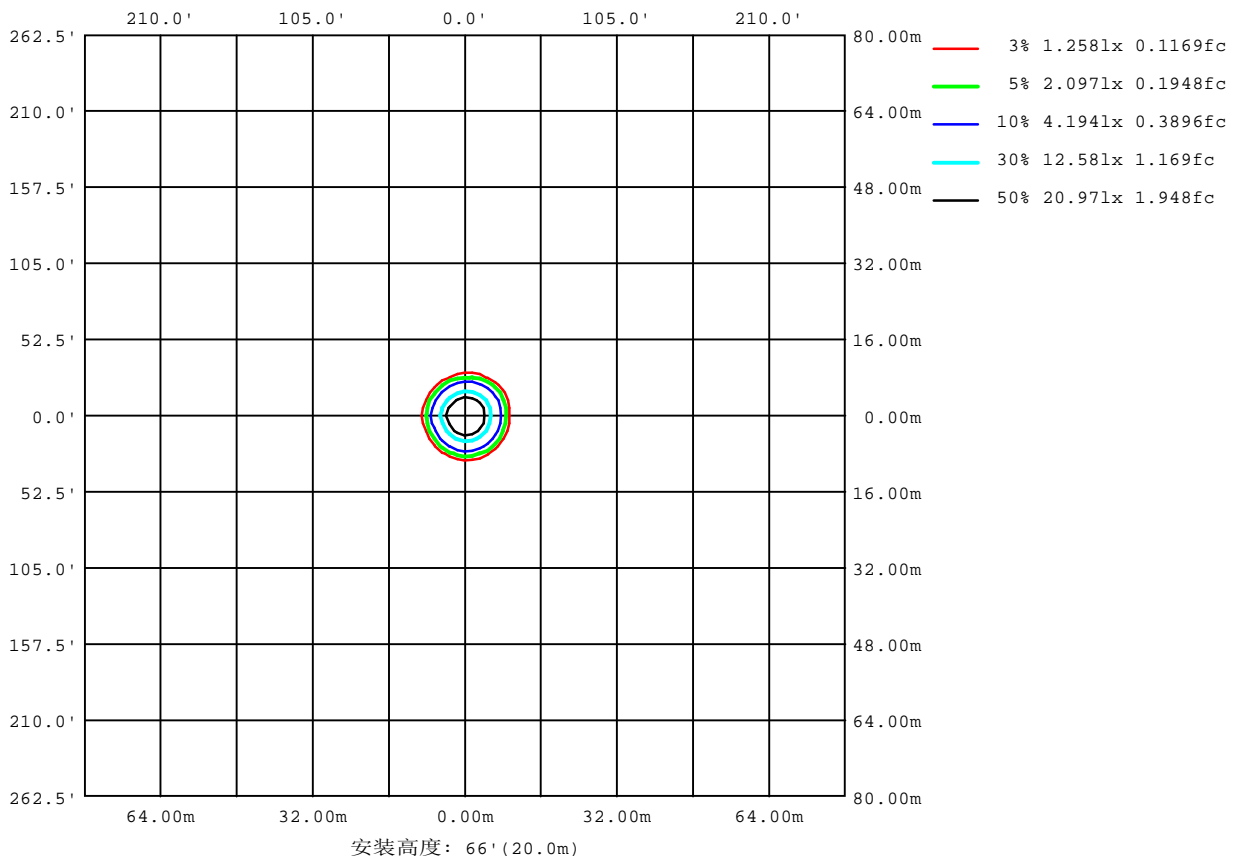


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度:25.3℃
 测试人员:Zoe
 测试日期:2022-9-6

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 V2.00.416
 环境湿度:65.0%
 测试距离:3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|---------------------------------|------------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2209060797 |
| 制造厂商: RISE | 发光口面: 0.003115665m 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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|--------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m2 | 遮光角: |

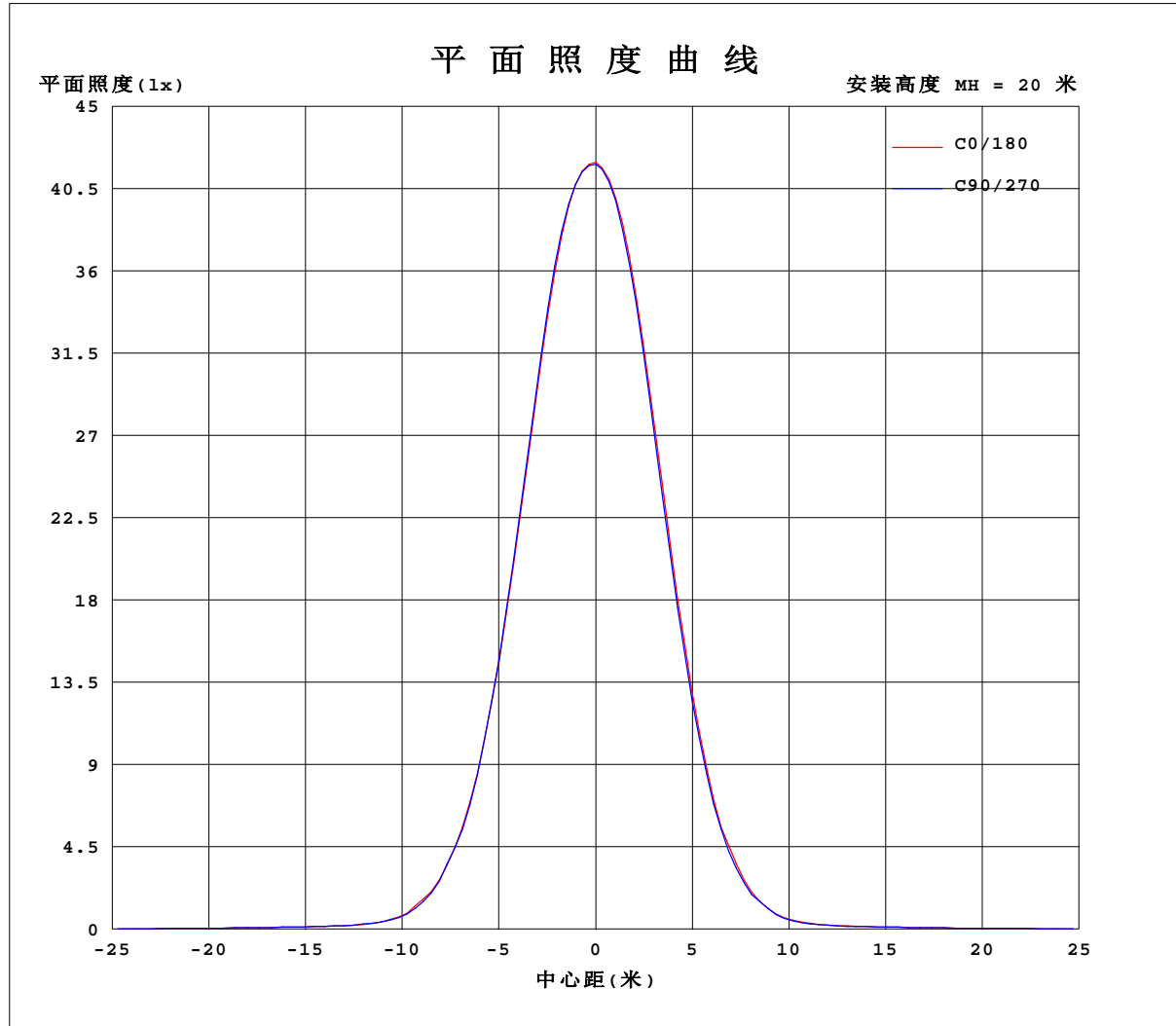
| 平均亮度 | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av | 25990 |
| L横(75)av | 7763 |
| L横(85)av | 1040 |
| L纵(65)av | 24917 |
| L纵(75)av | 7745 |
| L纵(85)av | 974 |
| L45(65)av | 25395 |
| L45(75)av | 7152 |
| L45(85)av | 843 |

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:zoe
 测试日期:2022-9-6

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 V2.00.416
 环境湿度:65.0%
 测试距离:3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 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: Zoe
 测试日期: 2022-9-6

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 V2.00.416
 环境湿度: 65.0%
 测试距离: 3.160米 [K=1.0000]
 备注: LAMP:CXB-1830-0000-000N0US430G Ra:90
 LENS:PM-1076A 23R
 DRIVER:PUP40A-1WMC-1200 1050mA
 30minutes warm-up

光 强 分 布 数 据 表 格

| | | |
|--|--------------------|-----------------|
| 实测参数: U:119.88V I:0.3428A P:40.838W PF:0.9926 Freq:59.98Hz 实检光通:3963.64x1 lm | | |
| 灯具名称: 2117.456-V-AM | 灯具类型: | 灯具重量: |
| 灯具规格:3000K | 外型尺寸: | 测试编号:2209060797 |
| 制造厂商: RISE | 发光口面:0.003115665m2 | 遮光角: |

表--1

单位: ×10cd

| C(°) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| g (°) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
| 0 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | 1675 | | | | | | |
| 5 | 1532 | 1560 | 1562 | 1545 | 1498 | 1448 | 1484 | 1457 | 1453 | 1472 | 1517 | 1571 | | | | | | |
| 10 | 1067 | 1105 | 1109 | 1081 | 1006 | 933 | 993 | 948 | 938 | 969 | 1043 | 1123 | | | | | | |
| 15 | 554 | 583 | 588 | 558 | 499 | 440 | 479 | 446 | 441 | 465 | 533 | 599 | | | | | | |
| 20 | 217 | 239 | 233 | 218 | 186 | 158 | 175 | 151 | 153 | 163 | 213 | 245 | | | | | | |
| 25 | 69.4 | 69.5 | 72.7 | 62.6 | 57.3 | 45.4 | 47.4 | 41.6 | 41.8 | 44.8 | 61.9 | 82.8 | | | | | | |
| 30 | 21.9 | 23.6 | 22.2 | 22.5 | 19.5 | 17.9 | 18.3 | 17.1 | 16.8 | 17.3 | 22.0 | 24.4 | | | | | | |
| 35 | 13.8 | 13.8 | 13.7 | 13.6 | 13.3 | 13.0 | 12.8 | 12.6 | 12.4 | 12.6 | 13.6 | 14.2 | | | | | | |
| 40 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.9 | 11.6 | 11.8 | | | | | | |
| 45 | 10.1 | 10.1 | 9.97 | 10.0 | 10.1 | 9.87 | 9.90 | 9.71 | 9.69 | 9.76 | 10.3 | 10.4 | | | | | | |
| 50 | 9.13 | 9.14 | 8.96 | 9.02 | 9.00 | 8.70 | 8.92 | 8.75 | 8.64 | 8.78 | 9.23 | 9.31 | | | | | | |
| 55 | 7.71 | 7.70 | 7.51 | 7.59 | 7.52 | 7.14 | 7.43 | 7.25 | 7.05 | 7.24 | 7.70 | 7.81 | | | | | | |
| 60 | 6.01 | 6.12 | 6.00 | 6.02 | 5.73 | 5.17 | 5.65 | 5.36 | 5.20 | 5.38 | 5.99 | 6.15 | | | | | | |
| 65 | 3.50 | 3.50 | 3.45 | 3.47 | 3.39 | 3.15 | 3.35 | 3.15 | 3.03 | 3.09 | 3.50 | 3.60 | | | | | | |
| 70 | 2.08 | 2.08 | 2.06 | 2.06 | 1.94 | 1.72 | 1.93 | 1.75 | 1.67 | 1.72 | 2.11 | 2.20 | | | | | | |
| 75 | 0.72 | 0.82 | 0.73 | 0.78 | 0.52 | 0.27 | 0.53 | 0.42 | 0.35 | 0.47 | 0.73 | 0.82 | | | | | | |
| 80 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | | | | | | |
| 85 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | | | | | | |
| 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: Zoe

测试日期: 2022-9-6

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 V2.00.416

环境湿度: 65.0%

测试距离: 3.160米 [K=1.0000]

备注: LAMP:CXB-1830-0000-000N0US430G Ra:90

LENS:PM-1076A 23R

DRIVER:PUP40A-1WMC-1200 1050mA

30minutes warm-up