

燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 70.2% | |
| Luminaire Power: | 10.32 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.50 | 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: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
 LENS:PM-1103A 24R+DIFFUSER
 DRIVER:9290 028 088 250mA
 30minutes warm-up

灯具配光曲线及特征面照片

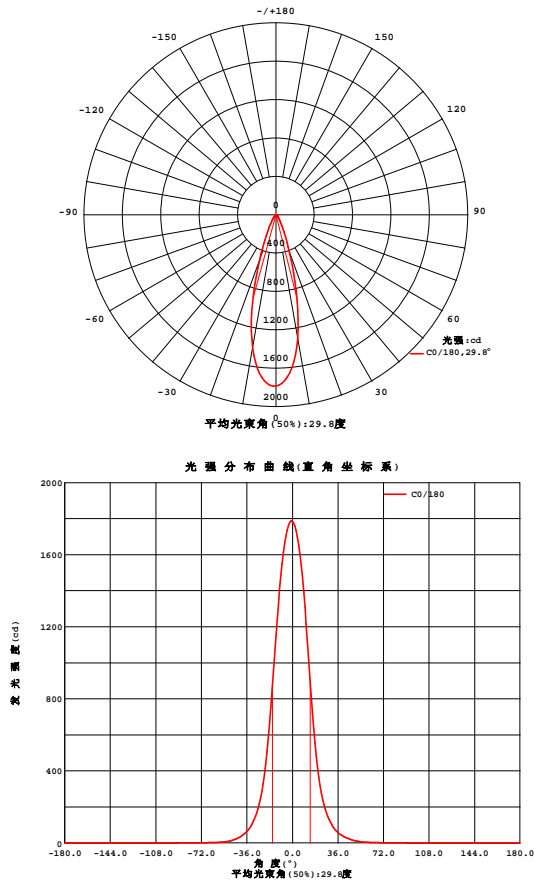


Fig. C0/C180

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: zoe
测试日期: 2023-11-17

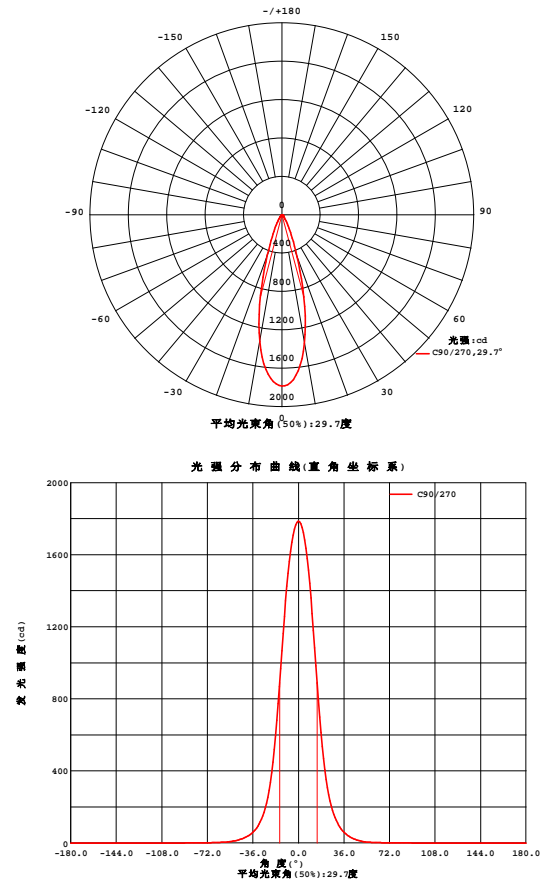


Fig. C90/C270

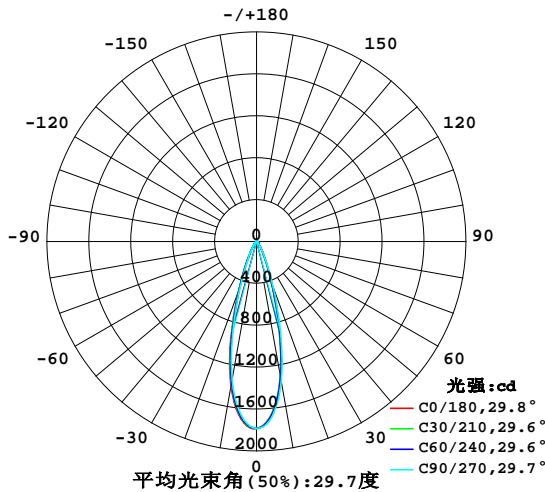
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:BXRV-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

室内灯具光度数据

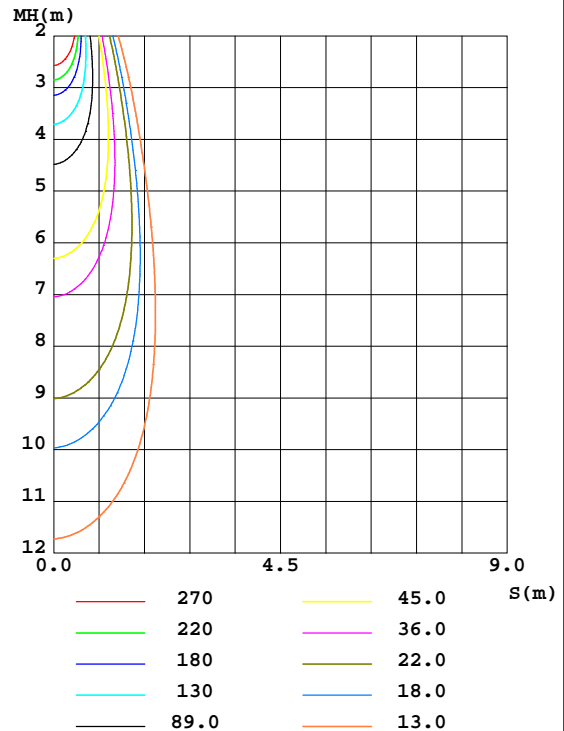
| | | |
|---|------------------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 55.40 lm/W |
|-----------|-----------|----------|--------|------------------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 1787 | S/MH(C0/180) | 0.51 | |
| 标称功率(W) | 10 | 灯具效率(%) | 70.2 | S/MH(C90/270) | 0.48 | |
| 额定电源电压(V) | 220 | 总光通量(lm) | 571.78 | η UP,DN(C0-180) | 0.0,35.1 | |
| 额定光通量(lm) | 814.298 | CIE分类 | 直接 | η UP,DN(C180-360) | 0.0,35.1 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.50 | |
| 实测电源电压(V) | 220 | 下射光通比(%) | 70.2 | CIBSE SHR MAX | 0.50 | |

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: zoe
测试日期: 2023-11-17

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:BXR-V-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

灯具环带光通量

环带光通量:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | $\gamma(^{\circ})$ | 环 | 总 | %lum, lamp |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|-------|------------|
| 10 | 1308 | 1323 | 1360 | 1404 | 1408 | 1378 | 1344 | 1314 | 0- 10 | 149.8 | 149.8 | 26.2, 18.4 |
| 20 | 416.7 | 431.7 | 467.3 | 506.2 | 506.2 | 478.3 | 449.2 | 421.6 | 10- 20 | 238.1 | 387.9 | 67.8, 47.6 |
| 30 | 115.9 | 117.7 | 124.6 | 132.9 | 130.8 | 123.3 | 117.6 | 115.0 | 20- 30 | 111.0 | 498.9 | 87.2, 61.3 |
| 40 | 38.53 | 39.06 | 37.58 | 42.06 | 39.57 | 39.38 | 37.75 | 37.94 | 30- 40 | 44.64 | 543.5 | 95.1, 66.7 |
| 50 | 11.93 | 13.64 | 9.309 | 13.33 | 10.35 | 13.96 | 12.38 | 13.92 | 40- 50 | 18.12 | 561.6 | 98.2, 69 |
| 60 | 3.745 | 3.924 | 2.907 | 3.530 | 3.141 | 4.326 | 3.926 | 4.624 | 50- 60 | 6.459 | 568.1 | 99.4, 69.8 |
| 70 | 1.357 | 1.428 | 0.8995 | 1.204 | 1.059 | 1.700 | 1.534 | 1.912 | 60- 70 | 2.519 | 570.6 | 99.8, 70.1 |
| 80 | 0.4956 | 0.4249 | 0.2739 | 0.3175 | 0.3305 | 0.5294 | 0.5448 | 0.6492 | 70- 80 | 0.8607 | 571.5 | 99.9, 70.2 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.3192 | 571.8 | 100, 70.2 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 571.8 | 100, 70.2 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 571.8 | 100, 70.2 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 571.8 | 100, 70.2 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 571.8 | 100, 70.2 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 571.8 | 100, 70.2 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 571.8 | 100, 70.2 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 571.8 | 100, 70.2 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 571.8 | 100, 70.2 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 571.8 | 100, 70.2 |
| 单位: ° | 光强: cd | | | | | | | | | 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: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz
实检光通: 814.298x1 lm

灯具名称: 2214.411-1-ACOT-97-DW

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

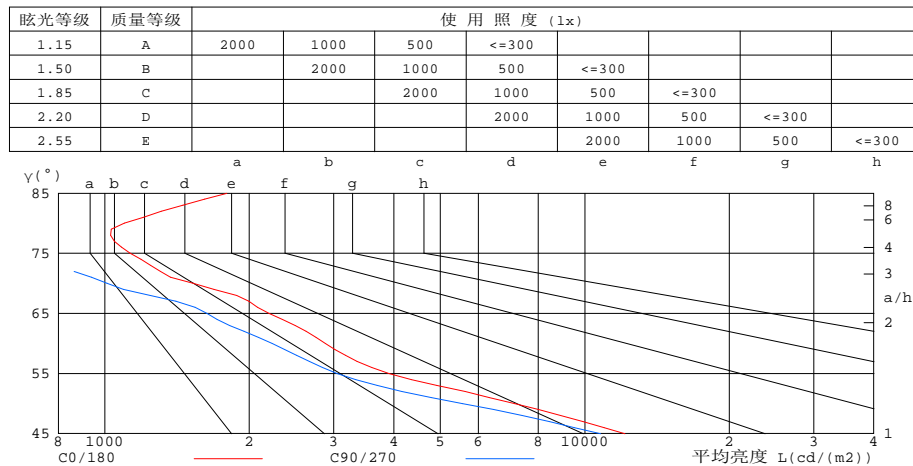
测试编号: 2311171343

制造厂商: RISE

发光口面: 0.002601m²

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 | 1796 | 658 |
| 80 | 1099 | 606 |
| 75 | 1129 | 649 |
| 70 | 1527 | 1011 |
| 65 | 2198 | 1633 |
| 60 | 2883 | 2234 |
| 55 | 3912 | 3051 |
| 50 | 7146 | 5565 |
| 45 | 12118 | 10783 |

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: 2023-11-17

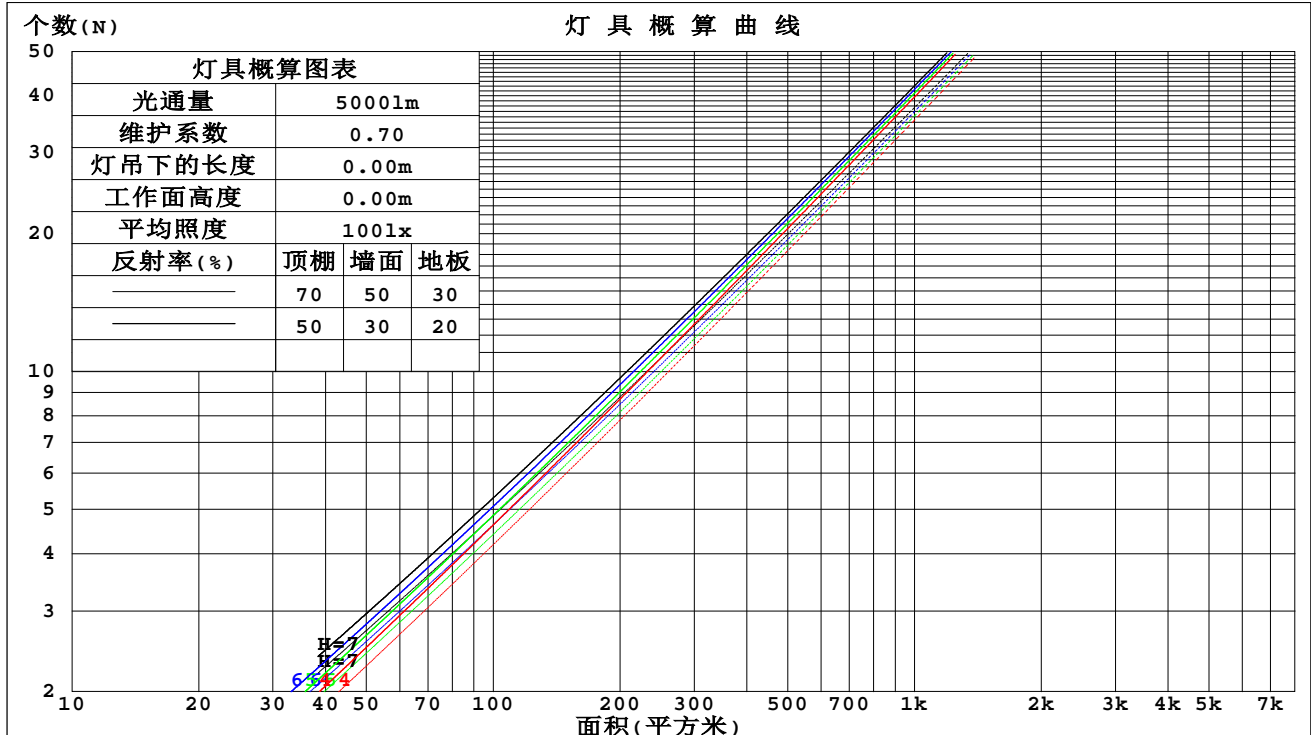
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:BXRV-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz
实检光通: 814.298x1 lm

| | | |
|-----------------------------|------------------|------------------|
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m2 | 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 | .84 | .84 | .84 | .82 | .82 | .82 | .78 | .78 | .78 | .75 | .75 | .75 | .72 | .72 | .72 | .70 |
| 1.0 | .79 | .77 | .76 | .77 | .76 | .75 | .74 | .73 | .72 | .72 | .71 | .70 | .69 | .69 | .68 | .67 |
| 2.0 | .74 | .72 | .70 | .73 | .71 | .69 | .71 | .69 | .68 | .69 | .68 | .66 | .67 | .66 | .65 | .64 |
| 3.0 | .71 | .68 | .65 | .70 | .67 | .65 | .68 | .66 | .64 | .66 | .64 | .63 | .65 | .63 | .62 | .61 |
| 4.0 | .67 | .64 | .62 | .66 | .64 | .61 | .65 | .63 | .61 | .64 | .62 | .60 | .62 | .61 | .59 | .58 |
| 5.0 | .64 | .61 | .58 | .64 | .60 | .58 | .62 | .60 | .58 | .61 | .59 | .57 | .60 | .58 | .57 | .56 |
| 6.0 | .61 | .58 | .56 | .61 | .58 | .55 | .60 | .57 | .55 | .59 | .57 | .55 | .58 | .56 | .54 | .54 |
| 7.0 | .59 | .56 | .53 | .59 | .55 | .53 | .58 | .55 | .53 | .57 | .54 | .53 | .56 | .54 | .52 | .51 |
| 8.0 | .57 | .53 | .51 | .56 | .53 | .51 | .56 | .53 | .51 | .55 | .52 | .51 | .54 | .52 | .50 | .50 |
| 9.0 | .55 | .51 | .49 | .54 | .51 | .49 | .54 | .51 | .49 | .53 | .51 | .49 | .53 | .50 | .49 | .48 |
| 10.0 | .53 | .49 | .47 | .52 | .49 | .47 | .52 | .49 | .47 | .51 | .49 | .47 | .51 | .49 | .47 | .46 |



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: 2023-11-17

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:BXR-V-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|--|------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m2 | 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 | .107 | .061 | .019 | .102 | .058 | .019 | .094 | .054 | .017 | .086 | .049 | .016 | .078 | .045 | .015 | |
| 2.0 | .100 | .055 | .017 | .097 | .053 | .016 | .089 | .050 | .015 | .083 | .046 | .015 | .076 | .043 | .014 | |
| 3.0 | .094 | .050 | .015 | .091 | .049 | .015 | .085 | .046 | .014 | .079 | .044 | .013 | .074 | .041 | .013 | |
| 4.0 | .089 | .046 | .014 | .086 | .045 | .013 | .081 | .043 | .013 | .076 | .041 | .012 | .072 | .039 | .012 | |
| 5.0 | .084 | .043 | .012 | .082 | .042 | .012 | .077 | .040 | .012 | .073 | .039 | .011 | .069 | .037 | .011 | |
| 6.0 | .080 | .040 | .011 | .078 | .039 | .011 | .074 | .038 | .011 | .070 | .037 | .011 | .067 | .035 | .010 | |
| 7.0 | .076 | .038 | .011 | .074 | .037 | .011 | .071 | .036 | .010 | .068 | .035 | .010 | .065 | .034 | .010 | |
| 8.0 | .073 | .035 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .010 | .062 | .032 | .009 | |
| 9.0 | .069 | .034 | .009 | .068 | .033 | .009 | .065 | .032 | .009 | .063 | .031 | .009 | .060 | .031 | .009 | |
| 10.0 | .066 | .032 | .009 | .065 | .031 | .009 | .063 | .031 | .009 | .061 | .030 | .009 | .058 | .029 | .008 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .134 | .134 | .134 | .114 | .114 | .114 | .078 | .078 | .078 | .045 | .045 | .045 | .014 | .014 | .014 | |
| 1.0 | .119 | .111 | .103 | .102 | .095 | .089 | .070 | .065 | .061 | .040 | .038 | .036 | .013 | .012 | .012 | |
| 2.0 | .107 | .093 | .081 | .092 | .080 | .070 | .063 | .055 | .049 | .036 | .032 | .029 | .012 | .010 | .009 | |
| 3.0 | .097 | .080 | .066 | .083 | .069 | .057 | .057 | .048 | .040 | .033 | .028 | .024 | .011 | .009 | .008 | |
| 4.0 | .089 | .069 | .054 | .076 | .060 | .047 | .052 | .042 | .033 | .030 | .024 | .019 | .010 | .008 | .006 | |
| 5.0 | .082 | .061 | .045 | .070 | .052 | .039 | .049 | .037 | .027 | .028 | .021 | .016 | .009 | .007 | .005 | |
| 6.0 | .076 | .054 | .038 | .065 | .046 | .033 | .045 | .033 | .023 | .026 | .019 | .014 | .008 | .006 | .005 | |
| 7.0 | .071 | .048 | .032 | .061 | .042 | .028 | .042 | .029 | .020 | .025 | .017 | .012 | .008 | .006 | .004 | |
| 8.0 | .067 | .043 | .028 | .057 | .038 | .024 | .040 | .026 | .017 | .023 | .016 | .010 | .007 | .005 | .003 | |
| 9.0 | .063 | .040 | .024 | .054 | .034 | .021 | .038 | .024 | .015 | .022 | .014 | .009 | .007 | .005 | .003 | |
| 10.0 | .059 | .036 | .021 | .051 | .032 | .018 | .036 | .022 | .013 | .021 | .013 | .008 | .007 | .004 | .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: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|--|-----|----------------------|------|------|-----------------|------|--------------------|-----------------|------|------|------|------|
| 实测参数：U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通：814.298x1 lm | | | | | | | | | | | | |
| 灯具名称：2214.411-1-ACOT-97-DW | | | | | 灯具类型： | | | 灯具重量： | | | | |
| 灯具规格：3000K | | | | | 外型尺寸： | | | 测试编号：2311171343 | | | | |
| 制造厂商：RISE | | | | | 发光口面：0.002601m2 | | | 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 | 14.3 | 15.1 | 14.5 | 15.2 | 15.4 | 14.1 | 14.8 | 14.3 | 15.0 | 15.1 | |
| | 3H | 14.3 | 15.0 | 14.5 | 15.2 | 15.3 | 14.0 | 14.7 | 14.2 | 14.9 | 15.1 | |
| | 4H | 14.2 | 14.9 | 14.5 | 15.1 | 15.3 | 13.9 | 14.6 | 14.2 | 14.8 | 15.0 | |
| | 6H | 14.2 | 14.8 | 14.4 | 15.0 | 15.3 | 13.8 | 14.5 | 14.1 | 14.7 | 14.9 | |
| | 8H | 14.1 | 14.7 | 14.4 | 15.0 | 15.2 | 13.8 | 14.4 | 14.1 | 14.6 | 14.9 | |
| | 12H | 14.1 | 14.7 | 14.4 | 14.9 | 15.2 | 13.7 | 14.3 | 14.1 | 14.6 | 14.9 | |
| | 4H | 2H | 14.2 | 14.8 | 14.4 | 15.0 | 15.3 | 13.9 | 14.6 | 14.2 | 14.8 | 15.0 |
| | 3H | 14.2 | 14.7 | 14.5 | 15.0 | 15.3 | 13.9 | 14.4 | 14.2 | 14.7 | 15.0 | |
| | 4H | 14.1 | 14.6 | 14.4 | 14.9 | 15.2 | 13.8 | 14.3 | 14.1 | 14.6 | 14.9 | |
| | 6H | 14.0 | 14.5 | 14.4 | 14.8 | 15.2 | 13.7 | 14.2 | 14.1 | 14.5 | 14.9 | |
| | 8H | 14.0 | 14.5 | 14.4 | 14.8 | 15.2 | 13.7 | 14.1 | 14.1 | 14.5 | 14.8 | |
| | 12H | 14.0 | 14.4 | 14.4 | 14.8 | 15.2 | 13.6 | 14.0 | 14.0 | 14.4 | 14.8 | |
| 8H | 4H | 14.0 | 14.4 | 14.4 | 14.8 | 15.1 | 13.7 | 14.1 | 14.1 | 14.5 | 14.8 | |
| | 6H | 13.9 | 14.3 | 14.4 | 14.7 | 15.1 | 13.6 | 14.0 | 14.0 | 14.3 | 14.8 | |
| | 8H | 13.9 | 14.2 | 14.4 | 14.7 | 15.1 | 13.6 | 13.9 | 14.0 | 14.3 | 14.7 | |
| | 12H | 13.9 | 14.2 | 14.4 | 14.6 | 15.1 | 13.5 | 13.8 | 14.0 | 14.2 | 14.7 | |
| 12H | 4H | 13.9 | 14.3 | 14.3 | 14.7 | 15.1 | 13.6 | 14.0 | 14.0 | 14.4 | 14.8 | |
| | 6H | 13.9 | 14.2 | 14.3 | 14.6 | 15.1 | 13.5 | 13.9 | 14.0 | 14.3 | 14.7 | |
| | 8H | 13.9 | 14.2 | 14.3 | 14.6 | 15.1 | 13.5 | 13.8 | 14.0 | 14.2 | 14.7 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 2.2 / - 4.8 | | | | | + 2.5 / - 6.0 | | | | | |
| 1.5H | | + 3.3 / - 3.2 | | | | | + 3.9 / - 4.7 | | | | | |
| 2.0H | | + 4.0 / - 3.4 | | | | | + 4.3 / - 4.1 | | | | | |

依据CIE Pub.117计算, 814.3lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = -0.7$).
出光口面积: 0.002601 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: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

UF利用系数表

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m ² | 遮光角: |

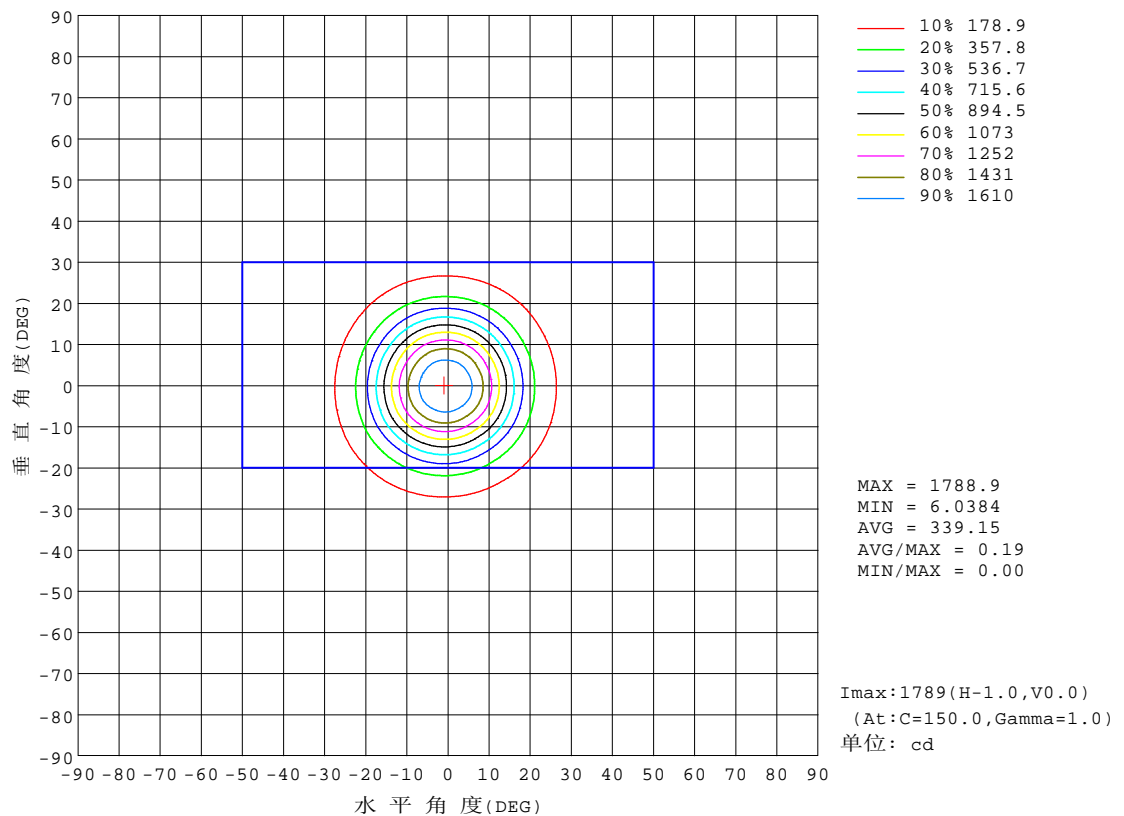
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 62 | 58 | 55 | 62 | 58 | 55 | 61 | 57 | 55 | 53 |
| 0.80 | 67 | 63 | 61 | 67 | 63 | 61 | 66 | 63 | 60 | 58 |
| 1.00 | 70 | 66 | 64 | 70 | 66 | 64 | 69 | 66 | 63 | 61 |
| 1.25 | 73 | 69 | 67 | 72 | 69 | 67 | 71 | 68 | 66 | 63 |
| 1.50 | 75 | 72 | 69 | 74 | 71 | 69 | 72 | 70 | 68 | 65 |
| 2.00 | 77 | 74 | 72 | 76 | 73 | 71 | 74 | 72 | 70 | 66 |
| 2.50 | 78 | 75 | 73 | 77 | 74 | 72 | 74 | 73 | 71 | 67 |
| 3.00 | 79 | 76 | 75 | 77 | 75 | 74 | 75 | 74 | 72 | 68 |
| 4.00 | 80 | 78 | 77 | 79 | 77 | 76 | 76 | 75 | 74 | 69 |
| 5.00 | 81 | 79 | 78 | 79 | 78 | 77 | 77 | 76 | 75 | 70 |
| 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: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
 LENS:PM-1103A 24R+DIFFUSER
 DRIVER:9290 028 088 250mA
 30minutes warm-up

灯具等光强曲线

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m ² | 遮光角: |

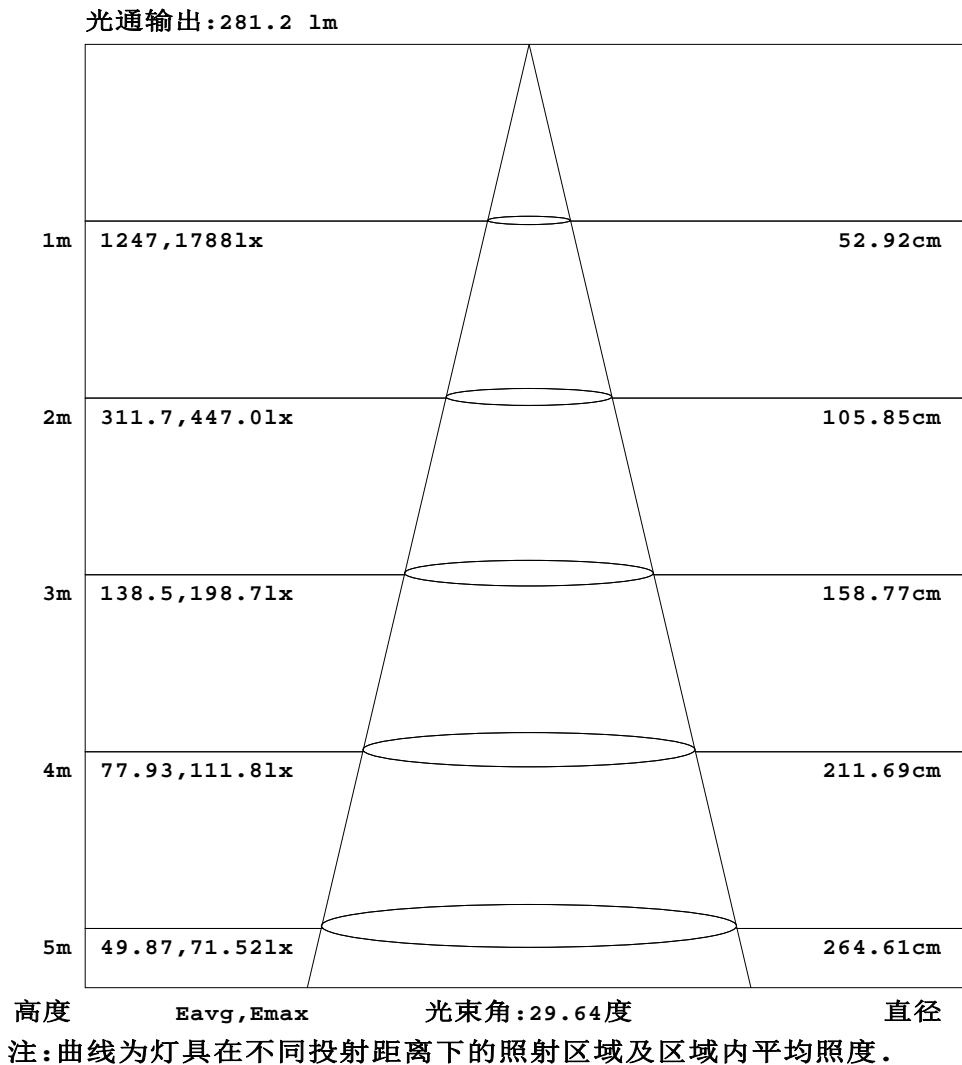


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
LENS:PM-1103A 24R+DIFFUSER
DRIVER:9290 028 088 250mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m ² | 遮光角: |

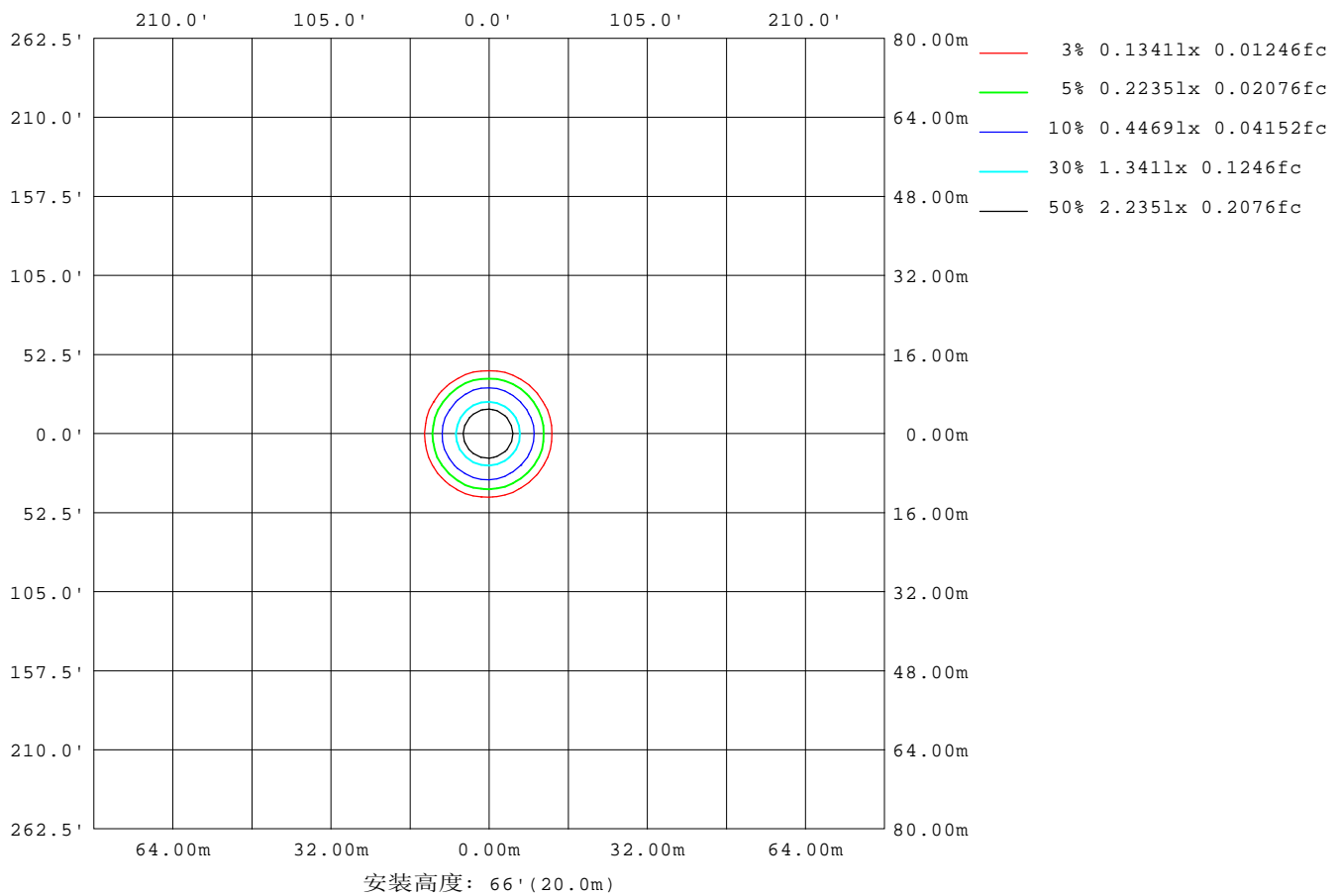


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-11-17

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: BXR-V-DR-1830G-0600-B-23 Ra: 90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m 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: 2023-11-17

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: BXRV-DR-1830G-0600-B-23 Ra:90
 LENS: PM-1103A 24R+DIFFUSER
 DRIVER: 9290 028 088 250mA
 30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m2 | 遮光角: |

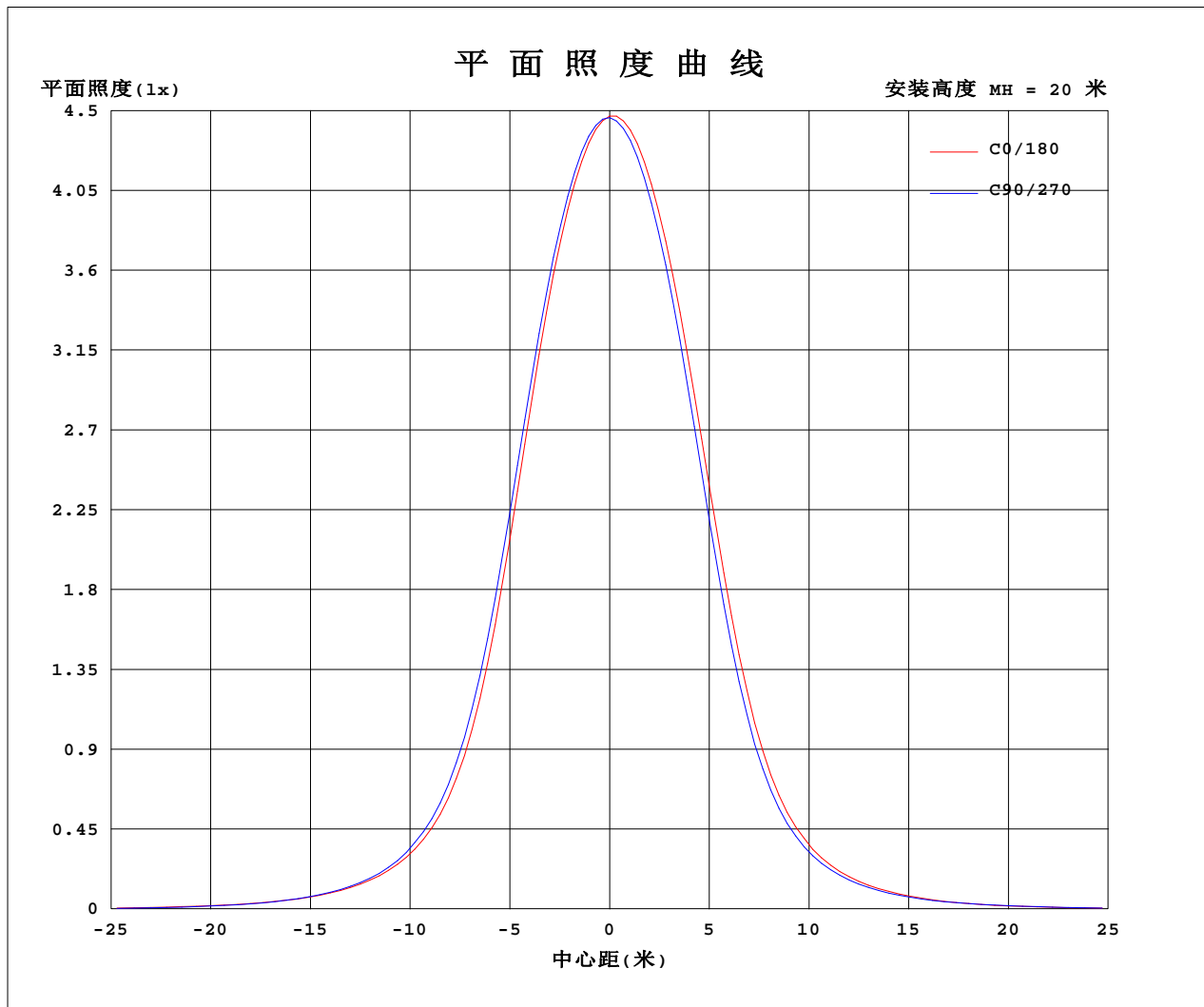
| 平均亮度 | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av | 1997 |
| L横(75)av | 974 |
| L横(85)av | 1413 |
| L纵(65)av | 2018 |
| L纵(75)av | 976 |
| L纵(85)av | 1389 |
| L45(65)av | 2462 |
| L45(75)av | 1222 |
| L45(85)av | 1474 |

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: 2023-11-17

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:BXRV-DR-1830G-0600-B-23 Ra:90
 LENS:PM-1103A 24R+DIFFUSER
 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: zoe
测试日期: 2023-11-17

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: BXRV-DR-1830G-0600-B-23 Ra: 90
LENS: PM-1103A 24R+DIFFUSER
DRIVER: 9290 028 088 250mA
30minutes warm-up

光强分布数据表格

| | | |
|--|------------------|------------------|
| 实测参数: U:220.23V I:0.0488A P:10.322W PF:0.9575 Freq:49.99Hz 实检光通: 814.298x1 lm | | |
| 灯具名称: 2214.411-1-ACOT-97-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2311171343 |
| 制造厂商: RISE | 发光口面: 0.002601m2 | 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 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | 1786 | | | | | | |
| 5 | 1653 | 1662 | 1666 | 1682 | 1695 | 1707 | 1702 | 1689 | 1683 | 1668 | 1658 | 1649 | | | | | | |
| 10 | 1308 | 1320 | 1325 | 1360 | 1391 | 1417 | 1408 | 1383 | 1373 | 1344 | 1324 | 1303 | | | | | | |
| 15 | 818 | 835 | 844 | 886 | 926 | 961 | 950 | 917 | 904 | 868 | 843 | 814 | | | | | | |
| 20 | 417 | 428 | 436 | 467 | 496 | 517 | 506 | 483 | 473 | 449 | 431 | 412 | | | | | | |
| 25 | 211 | 219 | 218 | 234 | 248 | 255 | 249 | 236 | 232 | 221 | 217 | 208 | | | | | | |
| 30 | 116 | 118 | 118 | 125 | 131 | 134 | 131 | 125 | 122 | 118 | 116 | 114 | | | | | | |
| 35 | 66.2 | 67.2 | 66.9 | 69.2 | 73.4 | 74.8 | 72.7 | 69.9 | 68.2 | 66.2 | 65.9 | 65.3 | | | | | | |
| 40 | 38.5 | 39.2 | 38.9 | 37.6 | 41.8 | 42.3 | 39.6 | 39.8 | 38.9 | 37.8 | 38.0 | 37.9 | | | | | | |
| 45 | 22.3 | 23.7 | 22.7 | 19.8 | 23.9 | 24.1 | 20.9 | 23.4 | 23.2 | 22.1 | 22.8 | 22.8 | | | | | | |
| 50 | 11.9 | 14.4 | 12.8 | 9.31 | 13.4 | 13.2 | 10.4 | 13.9 | 14.0 | 12.4 | 14.1 | 13.8 | | | | | | |
| 55 | 5.83 | 7.98 | 6.15 | 4.55 | 6.51 | 6.31 | 4.99 | 7.66 | 7.99 | 6.34 | 8.46 | 7.84 | | | | | | |
| 60 | 3.74 | 4.24 | 3.61 | 2.91 | 3.51 | 3.55 | 3.14 | 4.20 | 4.46 | 3.93 | 4.81 | 4.44 | | | | | | |
| 65 | 2.41 | 2.72 | 2.29 | 1.80 | 2.13 | 2.19 | 1.98 | 2.71 | 2.95 | 2.64 | 3.18 | 3.03 | | | | | | |
| 70 | 1.36 | 1.57 | 1.29 | 0.90 | 1.18 | 1.23 | 1.06 | 1.61 | 1.79 | 1.53 | 1.97 | 1.85 | | | | | | |
| 75 | 0.76 | 0.79 | 0.65 | 0.44 | 0.57 | 0.60 | 0.55 | 0.84 | 0.94 | 0.88 | 1.06 | 0.99 | | | | | | |
| 80 | 0.50 | 0.48 | 0.37 | 0.27 | 0.30 | 0.33 | 0.33 | 0.48 | 0.57 | 0.54 | 0.67 | 0.63 | | | | | | |
| 85 | 0.41 | 0.32 | 0.20 | 0.15 | 0.14 | 0.19 | 0.23 | 0.33 | 0.46 | 0.48 | 0.52 | 0.49 | | | | | | |
| 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: 2023-11-17

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:BXR-V-DR-1830G-0600-B-23 Ra:90

LENS:PM-1103A 24R+DIFFUSER

DRIVER:9290 028 088 250mA

30minutes warm-up