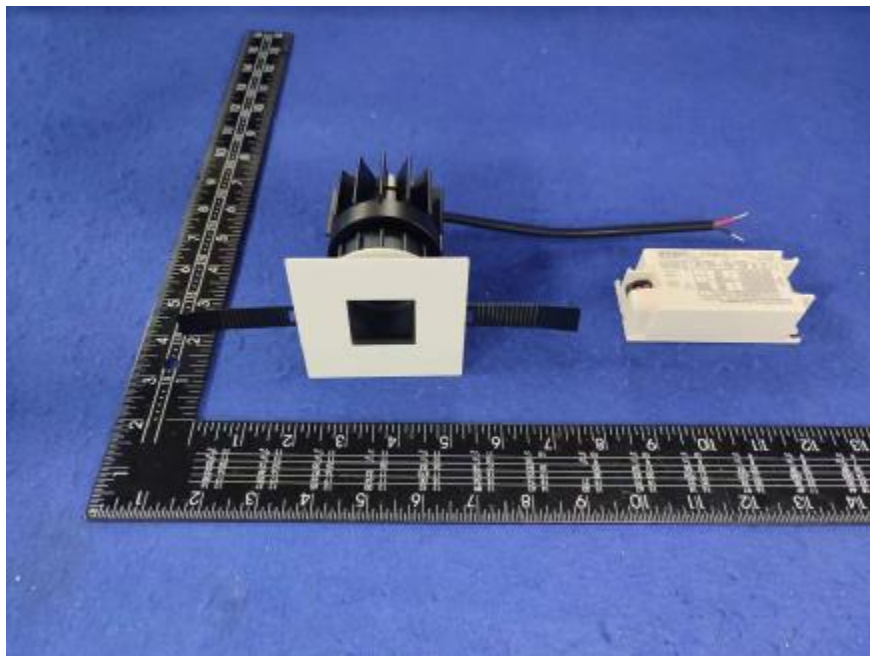


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 61.6% | |
| Luminaire Power: | 13.68 W | |
| SHR Nominal: | 0.75 | Calculated using the TM5 |
| SHR Maximum: | 0.85 | 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: 2024-8-7

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: BXRE-30G1000-A-83 Ra:90
 LENS: PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up

灯具配光曲线及特征面照片

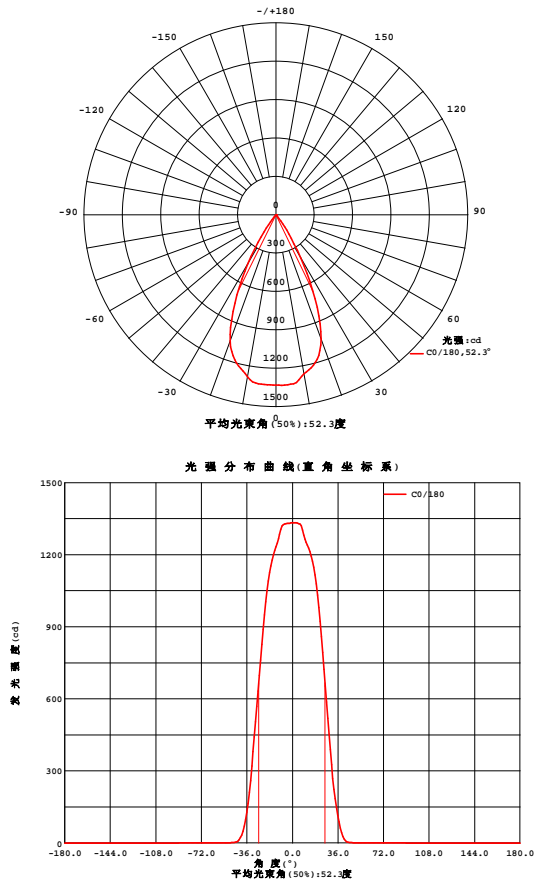


Fig. C0/C180

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: 2024-8-7

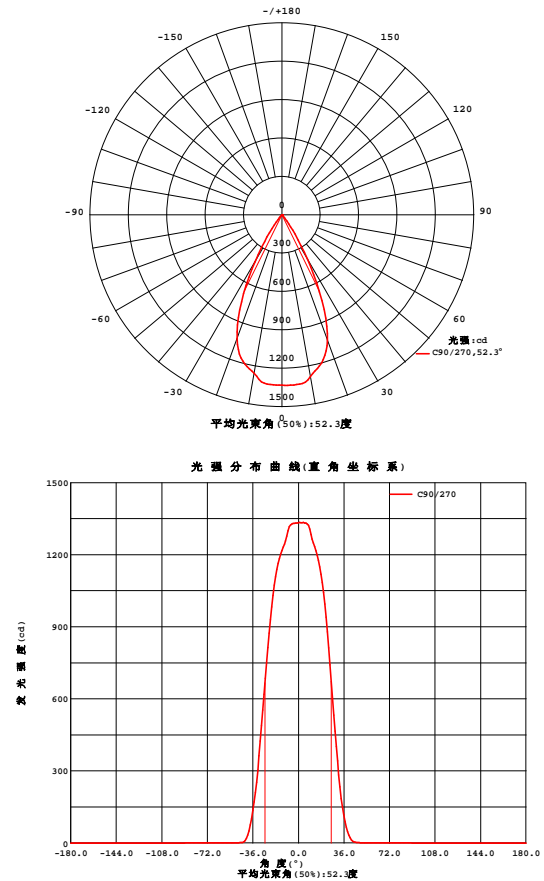


Fig. C90/C270

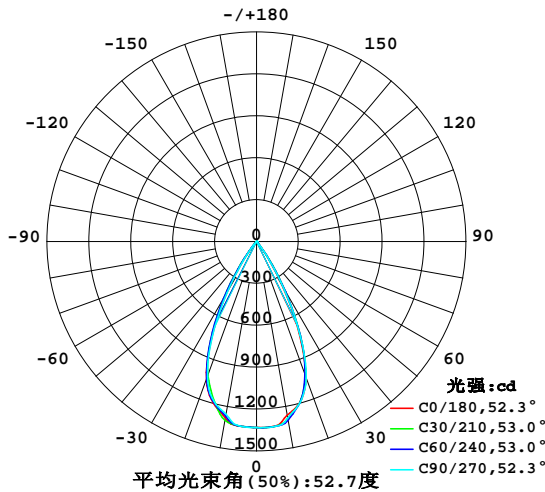
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

室内灯具光度数据

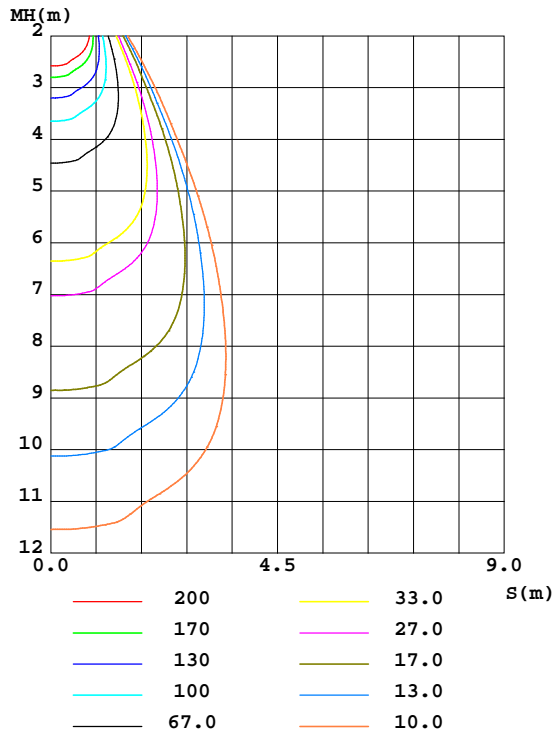
| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 67.14 lm/W |
|-----------|-----------|----------|--------|-----------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 1334 | S/MH(C0/180) | 0.79 | |
| 标称功率(W) | 14 | 灯具效率(%) | 61.6 | S/MH(C90/270) | 0.78 | |
| 额定电源电压(V) | 220 | 总光通量(lm) | 918.36 | UP,DN(C0-180) | 0.0,30.5 | |
| 额定光通量(lm) | 1490.38 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,31.1 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.75 | |
| 实测电源电压(V) | 220 | 下射光通比(%) | 61.6 | CIBSE SHR MAX | 0.85 | |

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: 2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

灯具环带光通量

环带光通量:

| | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ(°) | Φ环 | Φ总 | %lum,lamp |
|------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|-------|-----------|
| 10 | 1264 | 1294 | 1284 | 1302 | 1285 | 1287 | 1257 | 1287 | 0- 10 | 125.8 | 125.8 | 13.7,8.44 |
| 20 | 1032 | 1019 | 1042 | 1025 | 1051 | 1033 | 1030 | 1026 | 10- 20 | 330.7 | 456.5 | 49.7,30.6 |
| 30 | 388.2 | 418.4 | 401.7 | 444.3 | 442.2 | 474.0 | 424.9 | 447.2 | 20- 30 | 337.8 | 794.3 | 86.5,53.3 |
| 40 | 27.92 | 37.99 | 32.02 | 40.84 | 33.02 | 42.02 | 32.42 | 41.30 | 30- 40 | 116.7 | 911.0 | 99.2,61.1 |
| 50 | 0.7300 | 1.073 | 0.8413 | 1.398 | 0.8390 | 1.015 | 0.5795 | 0.9114 | 40- 50 | 6.813 | 917.8 | 99.9,61.6 |
| 60 | 0.1442 | 0.1497 | 0.1573 | 0.1695 | 0.1693 | 0.1611 | 0.1572 | 0.1445 | 50- 60 | 0.3514 | 918.2 | 100,61.6 |
| 70 | 0.0677 | 0.0605 | 0.0794 | 0.0710 | 0.0819 | 0.0630 | 0.0739 | 0.0550 | 60- 70 | 0.1009 | 918.3 | 100,61.6 |
| 80 | 0.0351 | 0.0290 | 0.0508 | 0.0357 | 0.0477 | 0.0292 | 0.0428 | 0.0209 | 70- 80 | 0.0519 | 918.3 | 100,61.6 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0217 | 918.4 | 100,61.6 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 918.4 | 100,61.6 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 918.4 | 100,61.6 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 918.4 | 100,61.6 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 918.4 | 100,61.6 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 918.4 | 100,61.6 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 918.4 | 100,61.6 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 918.4 | 100,61.6 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 918.4 | 100,61.6 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 918.4 | 100,61.6 |
| 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:2024-8-7

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:BXRE-30G1000-A-83 Ra:90
 LENS:PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz
实检光通: 1490.38x1 lm

灯具名称: 2418.102-ACOT-70

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

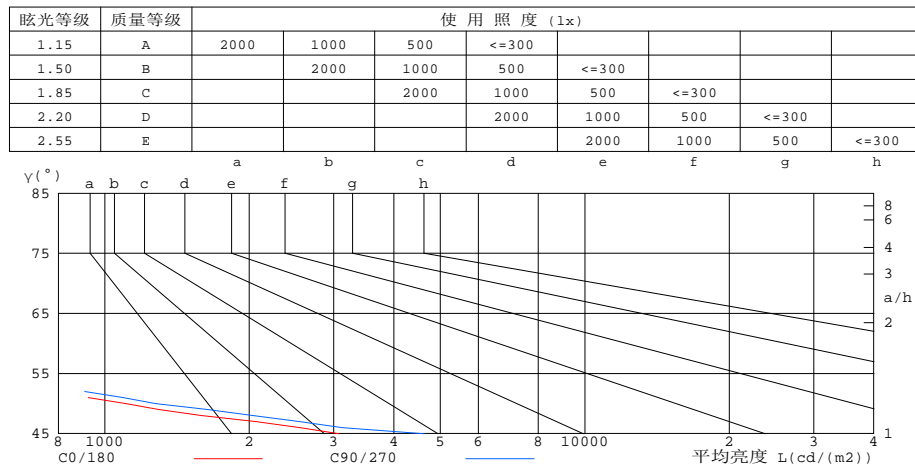
测试编号: 2408070993

制造厂商: RISE

发光口面: 0.001024m²

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 | 177 | 288 |
| 80 | 197 | 286 |
| 75 | 188 | 241 |
| 70 | 193 | 227 |
| 65 | 218 | 241 |
| 60 | 282 | 307 |
| 55 | 457 | 497 |
| 50 | 1109 | 1278 |
| 45 | 3077 | 4628 |

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: 2024-8-7

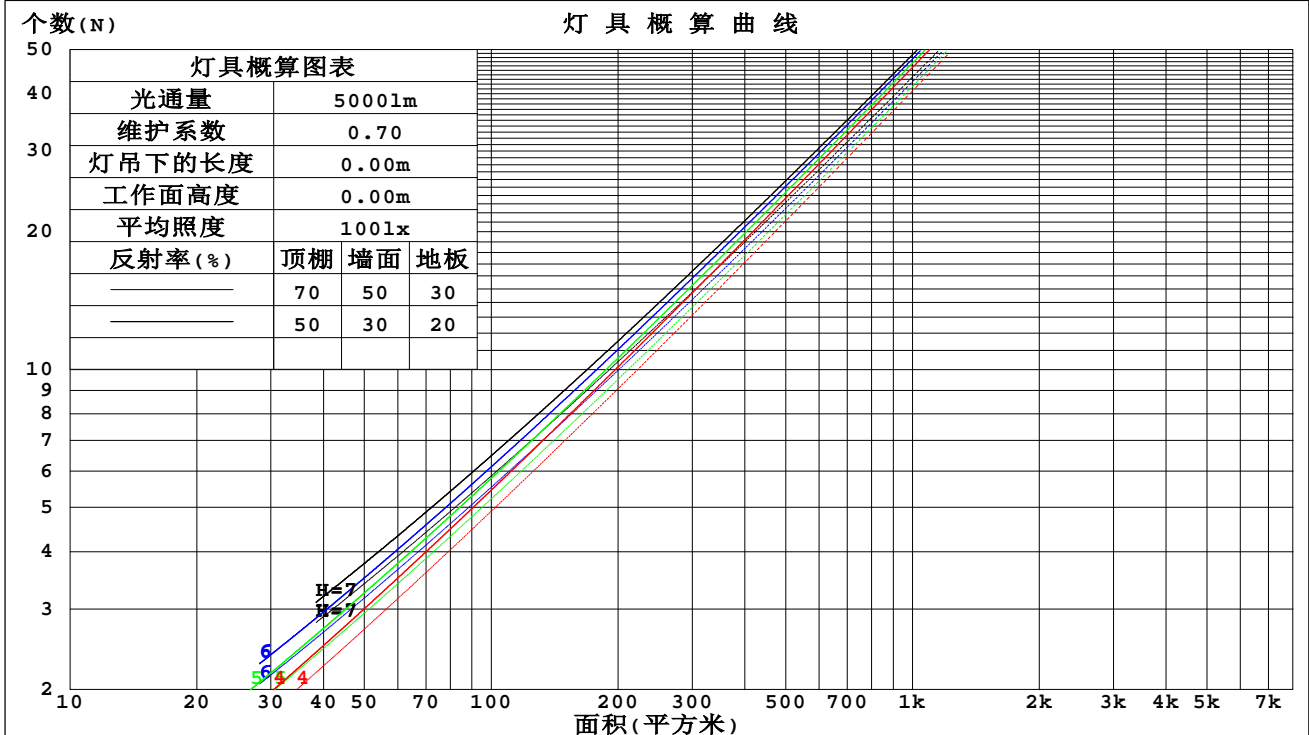
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz
实检光通: 1490.38x1 lm

| | | |
|------------------------|------------------------------|------------------|
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m 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 | .73 | .73 | .73 | .72 | .72 | .72 | .68 | .68 | .68 | .66 | .66 | .66 | .63 | .63 | .63 | .62 |
| 1.0 | .69 | .67 | .66 | .67 | .66 | .65 | .65 | .64 | .63 | .63 | .62 | .61 | .61 | .60 | .59 | .58 |
| 2.0 | .65 | .62 | .61 | .64 | .62 | .60 | .62 | .60 | .59 | .60 | .58 | .57 | .58 | .57 | .56 | .55 |
| 3.0 | .61 | .58 | .56 | .60 | .58 | .56 | .58 | .56 | .55 | .57 | .55 | .54 | .56 | .54 | .53 | .52 |
| 4.0 | .58 | .54 | .52 | .57 | .54 | .52 | .56 | .53 | .51 | .54 | .52 | .51 | .53 | .52 | .50 | .49 |
| 5.0 | .54 | .51 | .49 | .54 | .51 | .49 | .53 | .50 | .48 | .52 | .50 | .48 | .51 | .49 | .47 | .47 |
| 6.0 | .52 | .48 | .46 | .51 | .48 | .46 | .50 | .48 | .46 | .49 | .47 | .45 | .49 | .47 | .45 | .44 |
| 7.0 | .49 | .46 | .43 | .49 | .45 | .43 | .48 | .45 | .43 | .47 | .45 | .43 | .46 | .44 | .43 | .42 |
| 8.0 | .47 | .43 | .41 | .46 | .43 | .41 | .46 | .43 | .41 | .45 | .42 | .41 | .44 | .42 | .40 | .40 |
| 9.0 | .44 | .41 | .39 | .44 | .41 | .39 | .44 | .41 | .39 | .43 | .40 | .39 | .43 | .40 | .38 | .38 |
| 10.0 | .42 | .39 | .37 | .42 | .39 | .37 | .42 | .39 | .37 | .41 | .39 | .37 | .41 | .38 | .37 | .36 |



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: 2024-8-7

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: BXRE-30G1000-A-83 Ra:90
LENS: PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|--|------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m2 | 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 | .100 | .057 | .018 | .095 | .054 | .017 | .088 | .050 | .016 | .081 | .047 | .015 | .074 | .043 | .014 | |
| 2.0 | .094 | .052 | .016 | .091 | .050 | .015 | .084 | .047 | .015 | .079 | .044 | .014 | .073 | .041 | .013 | |
| 3.0 | .089 | .048 | .014 | .087 | .046 | .014 | .081 | .044 | .013 | .076 | .042 | .013 | .071 | .040 | .012 | |
| 4.0 | .085 | .044 | .013 | .083 | .043 | .013 | .078 | .041 | .012 | .074 | .040 | .012 | .070 | .038 | .012 | |
| 5.0 | .081 | .041 | .012 | .079 | .041 | .012 | .075 | .039 | .011 | .071 | .038 | .011 | .068 | .036 | .011 | |
| 6.0 | .078 | .039 | .011 | .076 | .038 | .011 | .072 | .037 | .011 | .069 | .036 | .011 | .066 | .035 | .010 | |
| 7.0 | .074 | .037 | .010 | .073 | .036 | .010 | .069 | .035 | .010 | .067 | .034 | .010 | .064 | .033 | .010 | |
| 8.0 | .071 | .035 | .010 | .070 | .034 | .010 | .067 | .033 | .010 | .064 | .033 | .009 | .062 | .032 | .009 | |
| 9.0 | .068 | .033 | .009 | .067 | .033 | .009 | .065 | .032 | .009 | .062 | .031 | .009 | .060 | .031 | .009 | |
| 10.0 | .066 | .032 | .009 | .065 | .031 | .009 | .063 | .031 | .009 | .060 | .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 | .117 | .117 | .117 | .100 | .100 | .100 | .068 | .068 | .068 | .039 | .039 | .039 | .013 | .013 | .013 | |
| 1.0 | .105 | .097 | .090 | .090 | .083 | .077 | .061 | .057 | .054 | .035 | .033 | .031 | .011 | .011 | .010 | |
| 2.0 | .095 | .082 | .071 | .081 | .070 | .061 | .056 | .049 | .043 | .032 | .028 | .025 | .010 | .009 | .008 | |
| 3.0 | .087 | .070 | .057 | .074 | .060 | .049 | .051 | .042 | .034 | .029 | .024 | .020 | .009 | .008 | .007 | |
| 4.0 | .080 | .061 | .046 | .068 | .052 | .040 | .047 | .037 | .028 | .027 | .021 | .017 | .009 | .007 | .005 | |
| 5.0 | .074 | .053 | .038 | .064 | .046 | .033 | .044 | .032 | .023 | .025 | .019 | .014 | .008 | .006 | .005 | |
| 6.0 | .069 | .048 | .032 | .060 | .041 | .028 | .041 | .029 | .020 | .024 | .017 | .012 | .008 | .006 | .004 | |
| 7.0 | .065 | .043 | .027 | .056 | .037 | .024 | .039 | .026 | .017 | .023 | .015 | .010 | .007 | .005 | .003 | |
| 8.0 | .062 | .039 | .023 | .053 | .034 | .020 | .037 | .024 | .014 | .021 | .014 | .009 | .007 | .005 | .003 | |
| 9.0 | .059 | .036 | .020 | .050 | .031 | .018 | .035 | .022 | .012 | .020 | .013 | .007 | .007 | .004 | .002 | |
| 10.0 | .056 | .033 | .018 | .048 | .029 | .015 | .033 | .020 | .011 | .019 | .012 | .007 | .006 | .004 | .002 | |

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: 2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|--|-----|----------------------|------|------|------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | | | | | | | | | | | |
| 灯具名称: 2418.102-ACOT-70 | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2408070993 | | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.001024m2 | | | 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 | 17.9 | 18.8 | 18.1 | 18.9 | 19.1 | 18.1 | 18.9 | 18.3 | 19.1 | 19.3 | |
| | 3H | 17.7 | 18.5 | 18.0 | 18.7 | 18.9 | 17.9 | 18.7 | 18.2 | 18.9 | 19.1 | |
| | 4H | 17.7 | 18.4 | 17.9 | 18.6 | 18.8 | 17.9 | 18.6 | 18.1 | 18.8 | 19.0 | |
| | 6H | 17.6 | 18.3 | 17.9 | 18.5 | 18.7 | 17.8 | 18.5 | 18.1 | 18.7 | 18.9 | |
| | 8H | 17.5 | 18.2 | 17.8 | 18.4 | 18.7 | 17.7 | 18.4 | 18.0 | 18.6 | 18.9 | |
| | 12H | 17.5 | 18.1 | 17.8 | 18.4 | 18.7 | 17.7 | 18.3 | 18.0 | 18.6 | 18.9 | |
| | 4H | 2H | 17.7 | 18.4 | 17.9 | 18.6 | 18.8 | 17.9 | 18.6 | 18.1 | 18.8 | 19.0 |
| | 3H | 17.5 | 18.1 | 17.8 | 18.4 | 18.7 | 17.7 | 18.3 | 18.0 | 18.6 | 18.9 | |
| | 4H | 17.4 | 18.0 | 17.7 | 18.3 | 18.6 | 17.6 | 18.2 | 17.9 | 18.5 | 18.8 | |
| | 6H | 17.3 | 17.8 | 17.7 | 18.1 | 18.5 | 17.5 | 18.0 | 17.9 | 18.3 | 18.7 | |
| | 8H | 17.2 | 17.7 | 17.6 | 18.1 | 18.4 | 17.4 | 17.9 | 17.8 | 18.3 | 18.6 | |
| | 12H | 17.2 | 17.6 | 17.6 | 18.0 | 18.4 | 17.4 | 17.8 | 17.8 | 18.2 | 18.6 | |
| 8H | 4H | 17.2 | 17.7 | 17.6 | 18.1 | 18.4 | 17.4 | 17.9 | 17.8 | 18.3 | 18.6 | |
| | 6H | 17.1 | 17.5 | 17.6 | 17.9 | 18.3 | 17.3 | 17.7 | 17.8 | 18.1 | 18.5 | |
| | 8H | 17.1 | 17.4 | 17.5 | 17.8 | 18.3 | 17.3 | 17.6 | 17.7 | 18.0 | 18.5 | |
| | 12H | 17.0 | 17.3 | 17.5 | 17.8 | 18.2 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 | |
| 12H | 4H | 17.2 | 17.6 | 17.6 | 18.0 | 18.4 | 17.4 | 17.8 | 17.8 | 18.2 | 18.6 | |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.3 | 17.3 | 17.6 | 17.7 | 18.0 | 18.5 | |
| | 8H | 17.0 | 17.3 | 17.5 | 17.8 | 18.2 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 4.8 / -26.8 | | | | | + 4.7 / -26.0 | | | | | |
| 1.5H | | + 7.6 / -24.4 | | | | | + 7.5 / -24.1 | | | | | |
| 2.0H | | + 7.4 / - 8.3 | | | | | + 7.1 / - 8.4 | | | | | |

依据CIE Pub.117计算, 1490lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = 1.4$)。
 出光口面积: 0.001024 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: 2024-8-7

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:BXRE-30G1000-A-83 Ra:90
 LENS:PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up

UF利用系数表

| | | |
|--|------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m2 | 遮光角: |

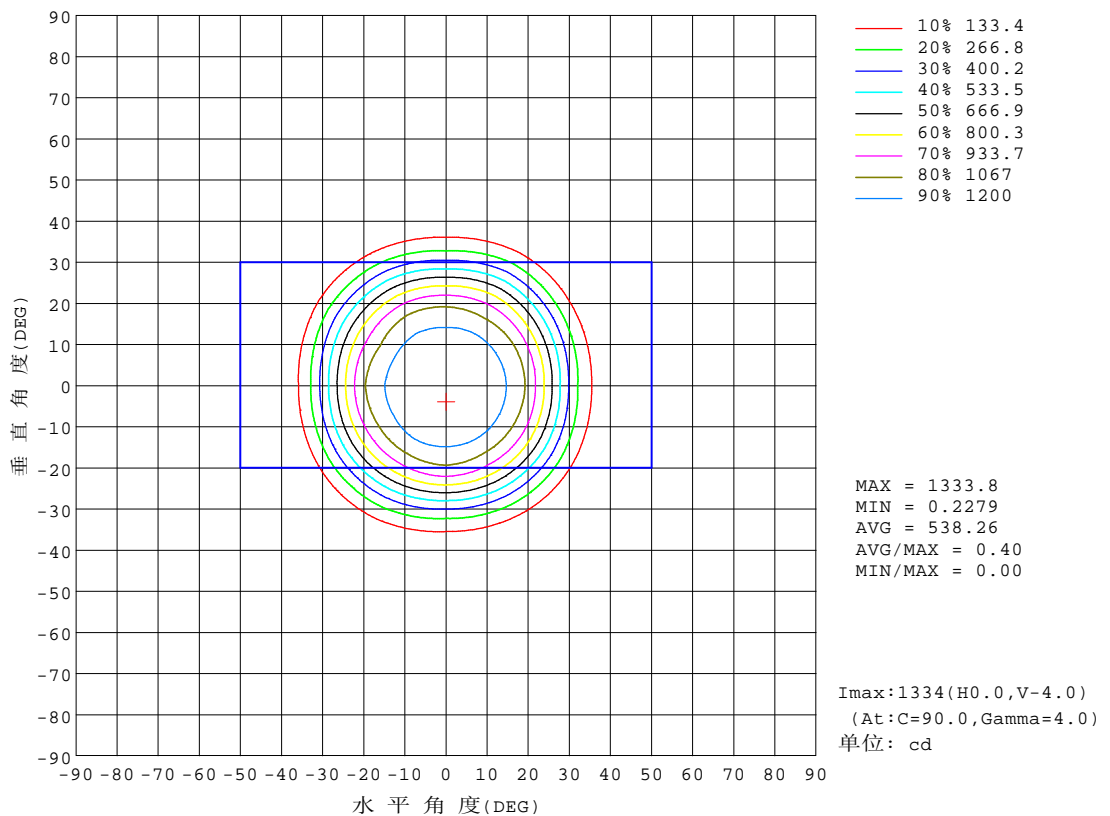
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 53 | 51 | 56 | 53 | 50 | 55 | 52 | 50 | 48 |
| 0.80 | 60 | 57 | 55 | 60 | 57 | 55 | 59 | 57 | 55 | 53 |
| 1.00 | 63 | 60 | 58 | 62 | 59 | 57 | 61 | 59 | 57 | 55 |
| 1.25 | 65 | 62 | 60 | 64 | 62 | 60 | 63 | 61 | 59 | 57 |
| 1.50 | 66 | 64 | 62 | 66 | 63 | 62 | 64 | 62 | 61 | 58 |
| 2.00 | 68 | 65 | 64 | 67 | 65 | 63 | 65 | 64 | 62 | 59 |
| 2.50 | 69 | 66 | 65 | 68 | 66 | 64 | 66 | 64 | 63 | 60 |
| 3.00 | 69 | 68 | 66 | 68 | 67 | 65 | 66 | 65 | 64 | 60 |
| 4.00 | 71 | 69 | 68 | 69 | 68 | 67 | 67 | 66 | 65 | 61 |
| 5.00 | 71 | 70 | 69 | 70 | 69 | 68 | 68 | 67 | 66 | 62 |
| 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: 2024-8-7

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: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

灯具等光强曲线

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m ² | 遮光角: |

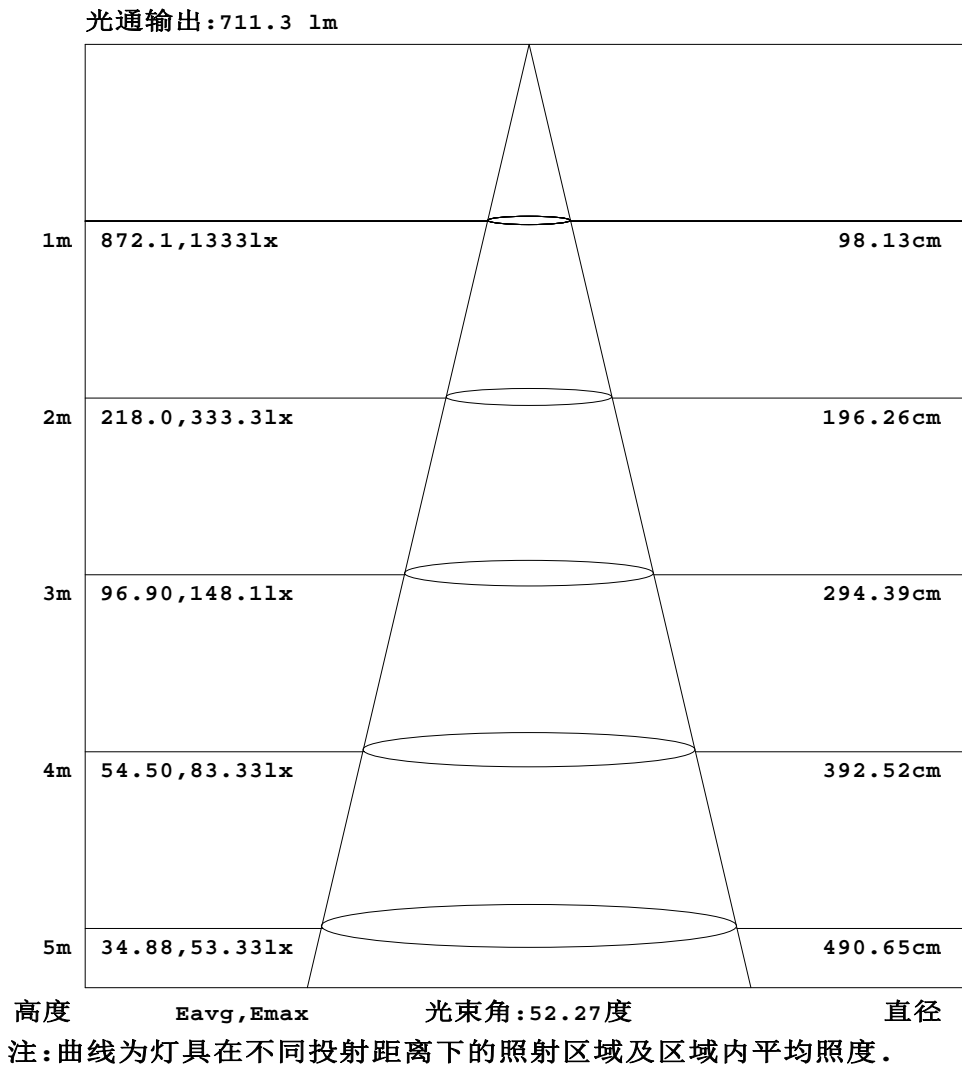


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2024-8-7

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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m ² | 遮光角: |

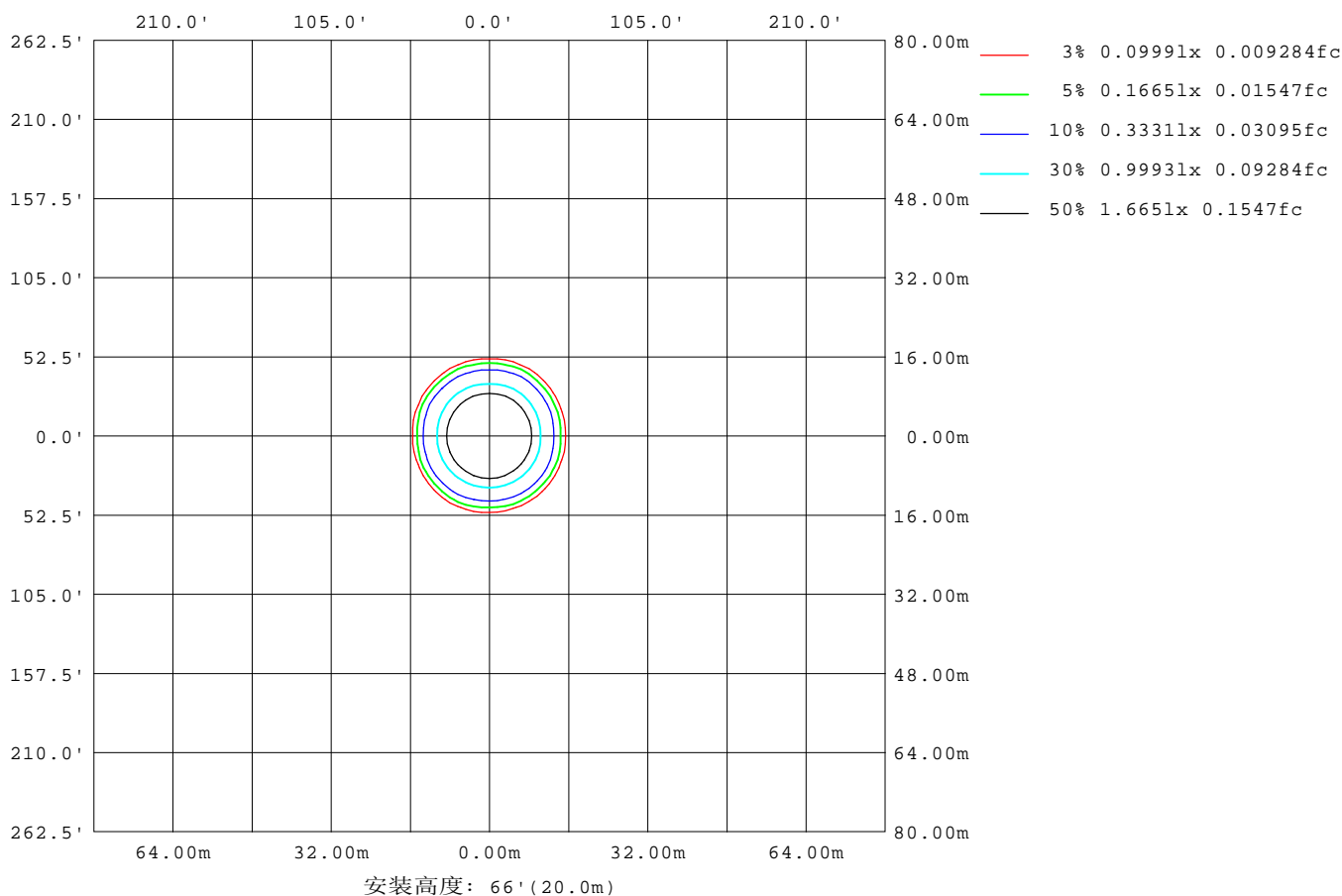


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2024-8-7

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: BXRE-30G1000-A-83 Ra: 90
 LENS: PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m 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: 2024-8-7

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: BXRE-30G1000-A-83 Ra:90
 LENS: PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|------------------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m ² | 遮光角: |

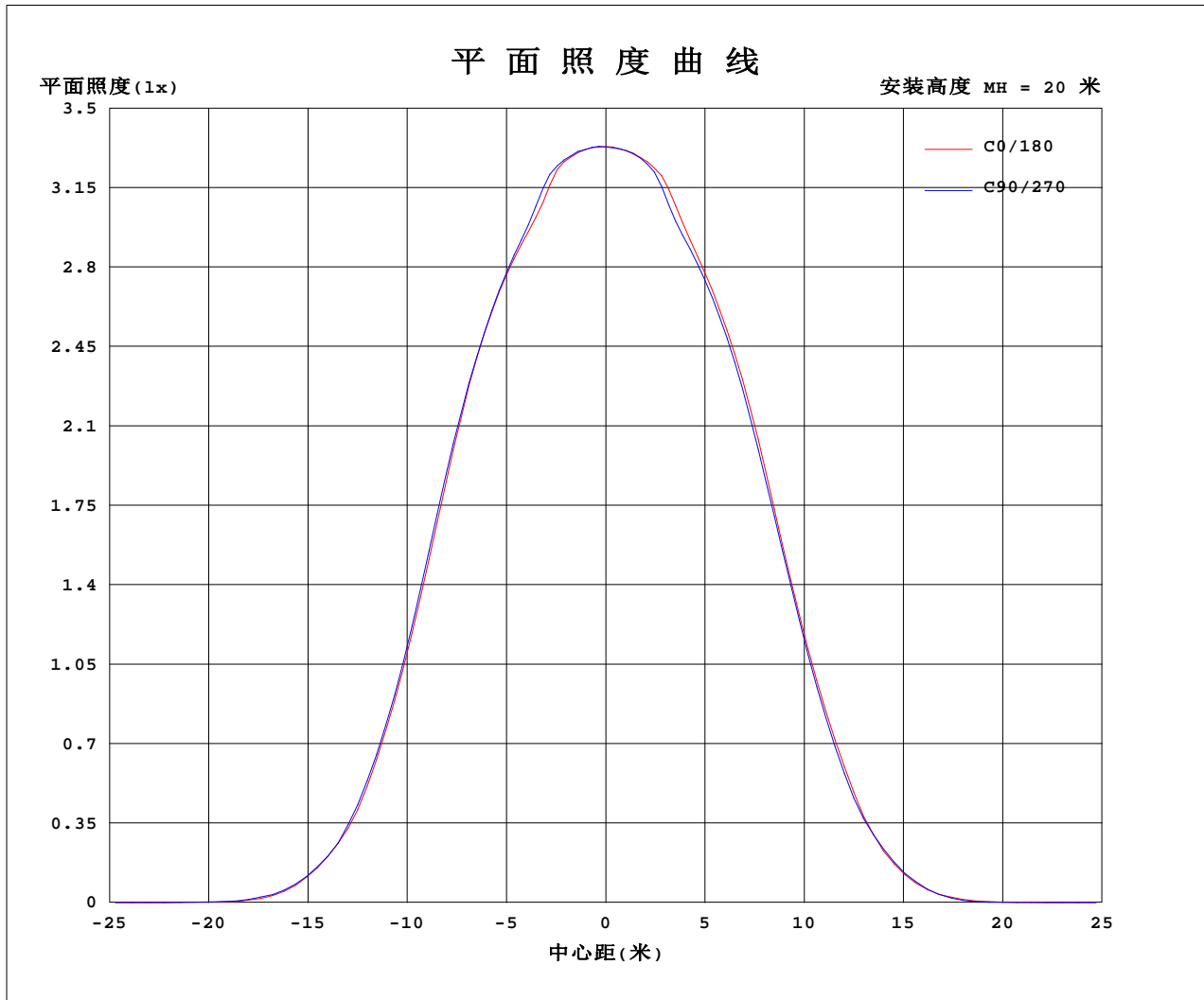
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 238 |
| L横(75)av | 214 |
| L横(85)av | 225 |
| L纵(65)av | 242 |
| L纵(75)av | 231 |
| L纵(85)av | 344 |
| L45(65)av | 217 |
| L45(75)av | 156 |
| L45(85)av | 140 |

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: 2024-8-7

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:BXRE-30G1000-A-83 Ra:90
 LENS:PM-1082C 50R
 DRIVER: IT FIT 20/200-240/500 CS 350mA
 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
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LENS: PM-1082C 50R
DRIVER: IT FIT 20/200-240/500 CS 350mA
30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|--|------------------|------------------|
| 实测参数: U:220.15V I:0.0641A P:13.678W PF:0.9673 Freq:49.99Hz 实检光通: 1490.38x1 lm | | |
| 灯具名称: 2418.102-ACOT-70 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2408070993 |
| 制造厂商: RISE | 发光口面: 0.001024m2 | 遮光角: |

| | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--|--|--|--|--|--|
| 表--1 | | | | | | | | | | | | | 单位: cd | | | | | | |
| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
| 0 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | 1332 | | | | | | | |
| 5 | 1329 | 1332 | 1332 | 1332 | 1331 | 1330 | 1328 | 1327 | 1327 | 1328 | 1331 | 1328 | | | | | | | |
| 10 | 1264 | 1287 | 1302 | 1284 | 1302 | 1303 | 1285 | 1302 | 1271 | 1257 | 1302 | 1273 | | | | | | | |
| 15 | 1195 | 1195 | 1198 | 1198 | 1202 | 1192 | 1198 | 1178 | 1192 | 1184 | 1182 | 1189 | | | | | | | |
| 20 | 1032 | 1023 | 1015 | 1042 | 1024 | 1026 | 1051 | 1019 | 1046 | 1030 | 1023 | 1030 | | | | | | | |
| 25 | 723 | 744 | 743 | 742 | 754 | 765 | 761 | 778 | 783 | 750 | 781 | 752 | | | | | | | |
| 30 | 388 | 419 | 418 | 402 | 439 | 450 | 442 | 476 | 425 | 466 | 429 | | | | | | | | |
| 35 | 148 | 160 | 159 | 149 | 177 | 179 | 164 | 201 | 193 | 172 | 194 | 161 | | | | | | | |
| 40 | 27.9 | 37.5 | 38.4 | 32.0 | 42.0 | 39.7 | 33.0 | 39.7 | 44.3 | 32.4 | 44.7 | 37.9 | | | | | | | |
| 45 | 2.23 | 5.69 | 6.09 | 3.35 | 8.05 | 6.31 | 3.01 | 7.06 | 4.00 | 1.86 | 5.90 | 3.66 | | | | | | | |
| 50 | 0.73 | 1.05 | 1.10 | 0.84 | 1.43 | 1.36 | 0.84 | 1.15 | 0.88 | 0.58 | 0.98 | 0.84 | | | | | | | |
| 55 | 0.27 | 0.33 | 0.34 | 0.29 | 0.41 | 0.41 | 0.29 | 0.35 | 0.30 | 0.26 | 0.30 | 0.28 | | | | | | | |
| 60 | 0.14 | 0.15 | 0.15 | 0.16 | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.16 | 0.15 | 0.14 | | | | | | | |
| 65 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | | | | | | | |
| 70 | 0.07 | 0.06 | 0.06 | 0.08 | 0.07 | 0.07 | 0.08 | 0.07 | 0.06 | 0.07 | 0.05 | 0.06 | | | | | | | |
| 75 | 0.05 | 0.04 | 0.05 | 0.06 | 0.05 | 0.05 | 0.06 | 0.04 | 0.04 | 0.06 | 0.03 | 0.04 | | | | | | | |
| 80 | 0.04 | 0.03 | 0.03 | 0.05 | 0.04 | 0.04 | 0.05 | 0.03 | 0.03 | 0.04 | 0.02 | 0.02 | | | | | | | |
| 85 | 0.02 | 0.01 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.04 | 0.01 | 0.01 | | | | | | | |
| 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
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