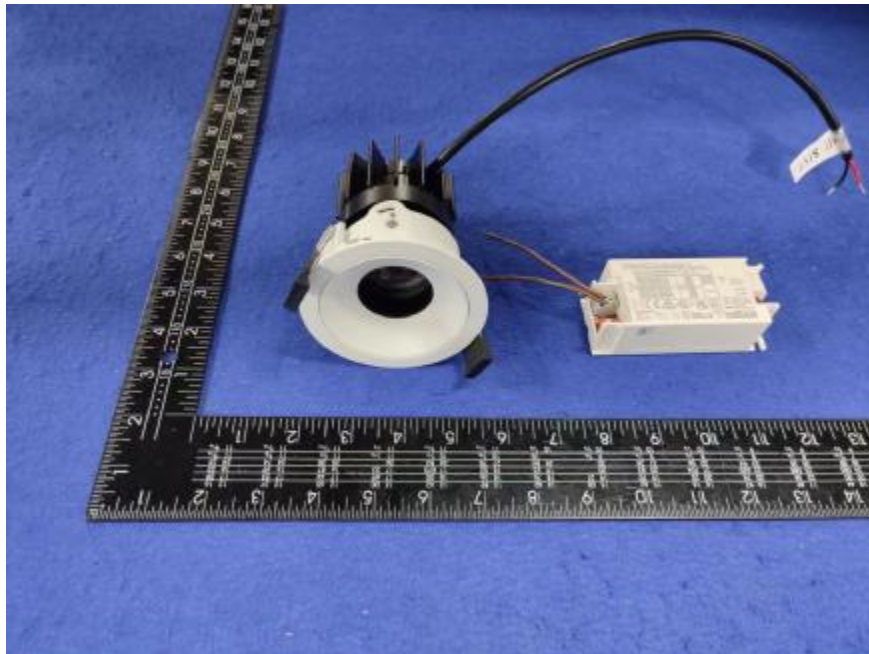


## 燈 具 實 物 照 片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 67.7%   |                          |
| Luminaire Power:    | 13.53 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: 2023-12-21

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 20/220-240/500 CS 350mA  
 30minutes warm-up

## 灯具配光曲线及特征面照片

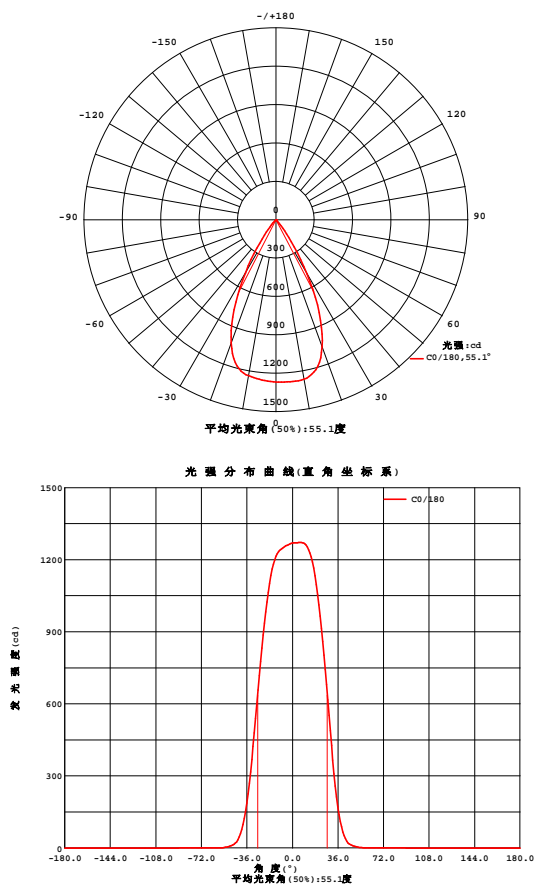


Fig. C0/C180

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: 2023-12-21

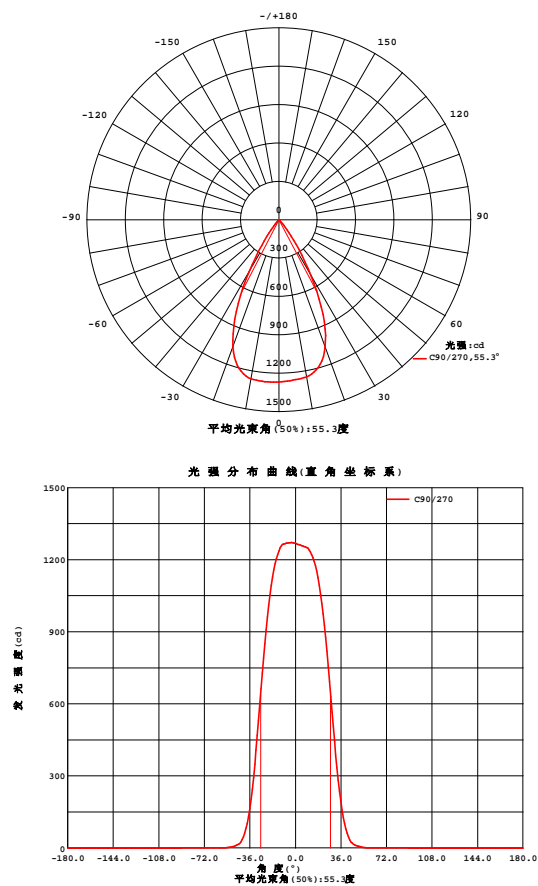


Fig. C90/C270

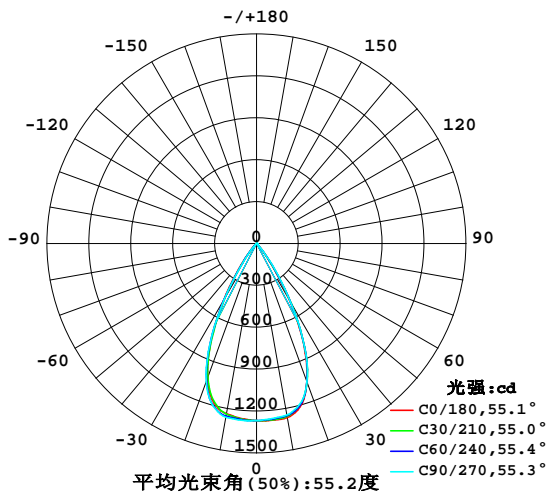
Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1082C 50R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## 室内灯具光度数据

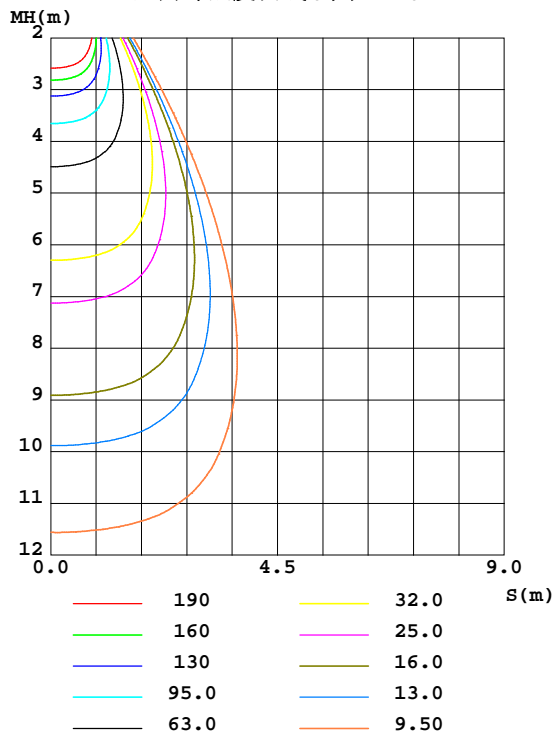
|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                                |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m <sup>2</sup> | 遮光角:             |

| 光源数据      |           | 光度数据     |        |                        |          | 光效: 71.80 lm/W |
|-----------|-----------|----------|--------|------------------------|----------|----------------|
| 型号        | Bridgelux | 峰值光强(cd) | 1272   | S/MH(C0/180)           | 0.81     |                |
| 标称功率(W)   | 14        | 灯具效率(%)  | 67.7   | S/MH(C90/270)          | 0.81     |                |
| 额定电源电压(V) | 220       | 总光通量(lm) | 971.41 | $\eta$ UP,DN(C0-180)   | 0.0,34.4 |                |
| 额定光通量(lm) | 1434.29   | CIE分类    | 直接     | $\eta$ UP,DN(C180-360) | 0.0,33.4 |                |
| 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(%) | 67.7   | 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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## 灯具环带光通量

环带光通量:

| $\gamma$ | C0     | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma(^{\circ})$ | 环      | 总     | %lum, lamp |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|-------|------------|
| 10       | 1265   | 1254   | 1247   | 1236   | 1238   | 1248   | 1263   | 1266   | 0- 10              | 120.3  | 120.3 | 12.4, 8.39 |
| 20       | 1055   | 1057   | 1056   | 1032   | 1024   | 1035   | 1053   | 1046   | 10- 20             | 331.0  | 451.3 | 46.5, 31.5 |
| 30       | 487.9  | 501.3  | 503.6  | 498.3  | 479.4  | 466.0  | 468.2  | 468.0  | 20- 30             | 355.0  | 806.3 | 83, 56.2   |
| 40       | 66.59  | 73.21  | 79.45  | 82.79  | 76.70  | 66.60  | 61.30  | 57.92  | 30- 40             | 144.9  | 951.2 | 97.9, 66.3 |
| 50       | 5.670  | 6.479  | 6.848  | 6.797  | 6.346  | 5.474  | 5.019  | 4.736  | 40- 50             | 18.32  | 969.5 | 99.8, 67.6 |
| 60       | 0.2391 | 0.2528 | 0.2650 | 0.2674 | 0.2288 | 0.1361 | 0.1142 | 0.1363 | 50- 60             | 1.682  | 971.2 | 100, 67.7  |
| 70       | 0.1302 | 0.1375 | 0.1450 | 0.1408 | 0.1283 | 0.0965 | 0.1002 | 0.0993 | 60- 70             | 0.1686 | 971.3 | 100, 67.7  |
| 80       | 0.0329 | 0.0245 | 0.0301 | 0.0255 | 0.0298 | 0.0225 | 0.0298 | 0.0243 | 70- 80             | 0.0579 | 971.4 | 100, 67.7  |
| 90       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90             | 0.0196 | 971.4 | 100, 67.7  |
| 100      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100             | 0      | 971.4 | 100, 67.7  |
| 110      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110            | 0      | 971.4 | 100, 67.7  |
| 120      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120            | 0      | 971.4 | 100, 67.7  |
| 130      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130            | 0      | 971.4 | 100, 67.7  |
| 140      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140            | 0      | 971.4 | 100, 67.7  |
| 150      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150            | 0      | 971.4 | 100, 67.7  |
| 160      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160            | 0      | 971.4 | 100, 67.7  |
| 170      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170            | 0      | 971.4 | 100, 67.7  |
| 180      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180            | 0      | 971.4 | 100, 67.7  |
| 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: 2023-12-21

$\gamma$ 角度范围: 0度 - 180度  
 $\gamma$ 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 20/220-240/500 CS 350mA  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz  
实检光通: 1434.29x1 lm

灯具名称: 2318.111-ACOT-70

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

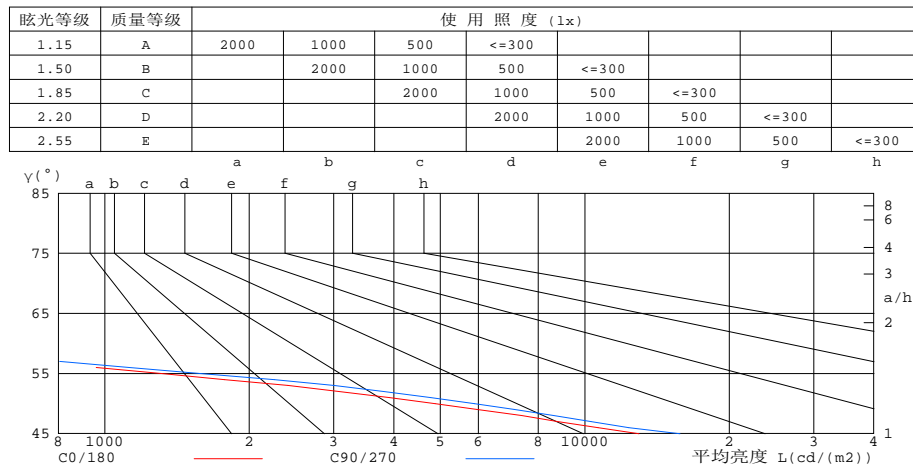
测试编号: 2312211466

制造厂商: RISE

发光口面: 0.00180864m<sup>2</sup>

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            | 150    | 128     |
| 80            | 105    | 96      |
| 75            | 104    | 98      |
| 70            | 211    | 234     |
| 65            | 275    | 283     |
| 60            | 264    | 293     |
| 55            | 1316   | 1584    |
| 50            | 4879   | 5893    |
| 45            | 12963  | 15798   |

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: 2023-12-21

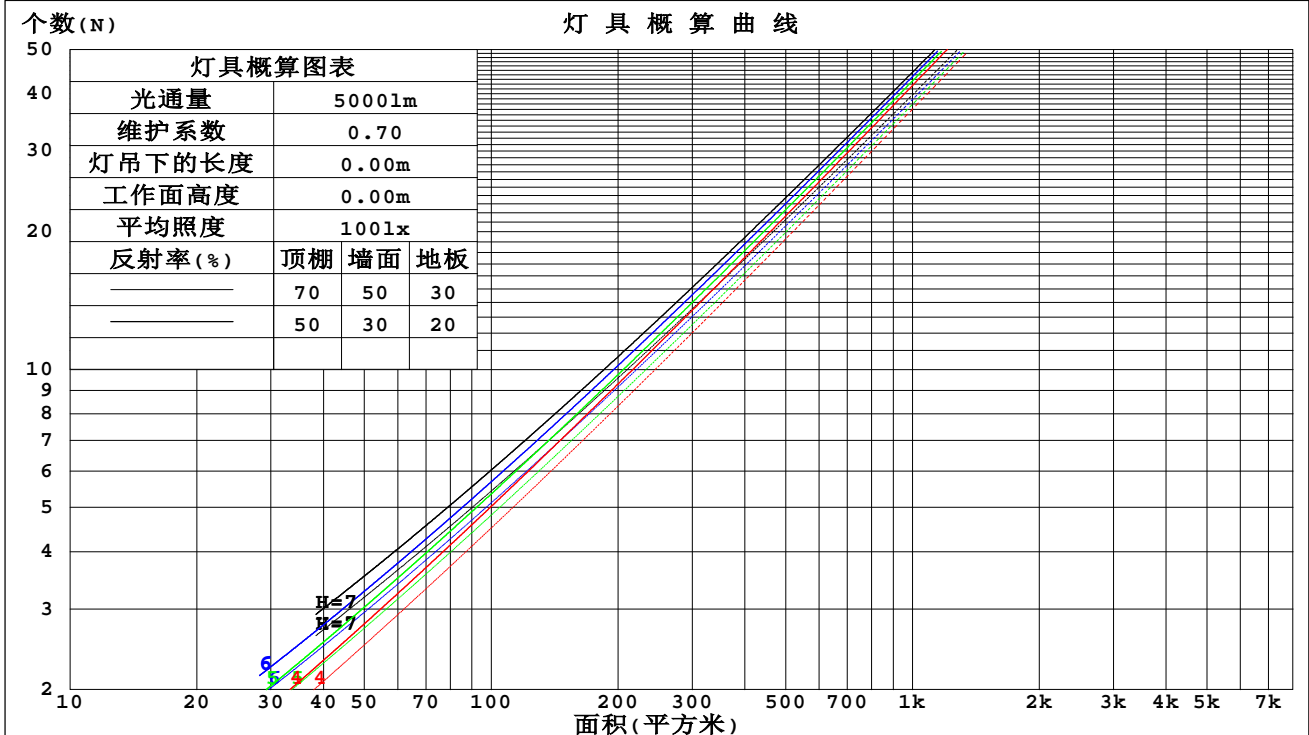
γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G1000-A-83 Ra: 90  
LENS: PM-1082C 50R  
DRIVER: IT FIT 20/220-240/500 CS 350mA  
30minutes warm-up

## 工作面利用系数和灯具概算曲线

实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz  
实检光通: 1434.29x1 lm

|                        |                                |                  |
|------------------------|--------------------------------|------------------|
| 灯具名称: 2318.111-ACOT-70 | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K            | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE             | 发光口面: 0.00180864m <sup>2</sup> | 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  | .81           | .81 | .81 | .79 | .79 | .79 | .75 | .75 | .75 | .72 | .72 | .72 | .69 | .69 | .69 | .68 |
| 1.0  | .75           | .74 | .72 | .74 | .73 | .71 | .71 | .70 | .69 | .69 | .68 | .67 | .66 | .66 | .65 | .64 |
| 2.0  | .71           | .68 | .66 | .70 | .67 | .65 | .67 | .66 | .64 | .65 | .64 | .63 | .64 | .62 | .61 | .60 |
| 3.0  | .66           | .63 | .61 | .66 | .63 | .60 | .64 | .61 | .60 | .62 | .60 | .59 | .61 | .59 | .58 | .57 |
| 4.0  | .63           | .59 | .57 | .62 | .59 | .56 | .60 | .58 | .56 | .59 | .57 | .55 | .58 | .56 | .54 | .53 |
| 5.0  | .59           | .55 | .53 | .58 | .55 | .53 | .57 | .54 | .52 | .56 | .54 | .52 | .55 | .53 | .51 | .50 |
| 6.0  | .56           | .52 | .50 | .55 | .52 | .49 | .54 | .51 | .49 | .53 | .51 | .49 | .53 | .50 | .48 | .47 |
| 7.0  | .53           | .49 | .47 | .52 | .49 | .46 | .52 | .49 | .46 | .51 | .48 | .46 | .50 | .48 | .46 | .45 |
| 8.0  | .50           | .46 | .44 | .50 | .46 | .44 | .49 | .46 | .44 | .48 | .46 | .43 | .48 | .45 | .43 | .42 |
| 9.0  | .48           | .44 | .42 | .47 | .44 | .41 | .47 | .44 | .41 | .46 | .43 | .41 | .46 | .43 | .41 | .40 |
| 10.0 | .45           | .42 | .39 | .45 | .42 | .39 | .45 | .41 | .39 | .44 | .41 | .39 | .44 | .41 | .39 | .38 |



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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## 墙面和天花板利用系数

|  |                    |                  |
|--|--------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                    |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:              | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:              | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m2 | 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  | .112          | .064 | .020 | .107 | .061 | .019 | .099 | .057 | .018 | .091 | .053 | .017 | .084 | .049 | .016 |   |
| 2.0  | .106          | .058 | .018 | .103 | .057 | .017 | .096 | .053 | .017 | .089 | .050 | .016 | .083 | .047 | .015 |   |
| 3.0  | .101          | .054 | .016 | .098 | .052 | .016 | .092 | .050 | .015 | .086 | .047 | .015 | .081 | .045 | .014 |   |
| 4.0  | .096          | .050 | .015 | .094 | .049 | .014 | .088 | .047 | .014 | .084 | .045 | .014 | .079 | .043 | .013 |   |
| 5.0  | .092          | .047 | .014 | .090 | .046 | .013 | .085 | .044 | .013 | .081 | .043 | .013 | .077 | .041 | .012 |   |
| 6.0  | .088          | .044 | .013 | .086 | .043 | .012 | .082 | .042 | .012 | .078 | .041 | .012 | .075 | .039 | .012 |   |
| 7.0  | .084          | .042 | .012 | .082 | .041 | .012 | .079 | .040 | .011 | .076 | .039 | .011 | .073 | .038 | .011 |   |
| 8.0  | .081          | .039 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .011 | .070 | .036 | .011 |   |
| 9.0  | .078          | .038 | .010 | .076 | .037 | .010 | .073 | .036 | .010 | .071 | .035 | .010 | .068 | .035 | .010 |   |
| 10.0 | .075          | .036 | .010 | .073 | .035 | .010 | .071 | .035 | .010 | .069 | .034 | .010 | .066 | .033 | .010 |   |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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  | .129    | .129 | .129 | .110 | .110 | .110 | .075 | .075 | .075 | .043 | .043 | .043 | .014 | .014 | .014 |   |
| 1.0  | .115    | .107 | .099 | .099 | .092 | .085 | .068 | .063 | .059 | .039 | .036 | .034 | .012 | .012 | .011 |   |
| 2.0  | .104    | .090 | .077 | .090 | .077 | .067 | .061 | .053 | .047 | .035 | .031 | .027 | .011 | .010 | .009 |   |
| 3.0  | .096    | .077 | .062 | .082 | .066 | .054 | .056 | .046 | .038 | .033 | .027 | .022 | .010 | .009 | .007 |   |
| 4.0  | .088    | .067 | .050 | .076 | .058 | .044 | .052 | .040 | .031 | .030 | .024 | .018 | .010 | .008 | .006 |   |
| 5.0  | .082    | .059 | .041 | .071 | .051 | .036 | .049 | .036 | .025 | .028 | .021 | .015 | .009 | .007 | .005 |   |
| 6.0  | .077    | .052 | .035 | .066 | .045 | .030 | .046 | .032 | .021 | .027 | .019 | .013 | .009 | .006 | .004 |   |
| 7.0  | .073    | .047 | .029 | .063 | .041 | .026 | .043 | .029 | .018 | .025 | .017 | .011 | .008 | .006 | .004 |   |
| 8.0  | .069    | .043 | .025 | .059 | .037 | .022 | .041 | .026 | .016 | .024 | .015 | .009 | .008 | .005 | .003 |   |
| 9.0  | .065    | .039 | .022 | .056 | .034 | .019 | .039 | .024 | .014 | .023 | .014 | .008 | .007 | .005 | .003 |   |
| 10.0 | .062    | .036 | .019 | .054 | .032 | .017 | .037 | .022 | .012 | .022 | .013 | .007 | .007 | .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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## UGR(Unified Glare Rating)数据表

|  |     |                      |      |      |                   |      |                    |                 |      |      |      |      |
|--|-----|----------------------|------|------|-------------------|------|--------------------|-----------------|------|------|------|------|
| 实测参数：U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通：1434.29x1 lm |     |                      |      |      |                   |      |                    |                 |      |      |      |      |
| 灯具名称：2318.111-ACOT-70  |     |                      |      |      | 灯具类型：             |      |                    | 灯具重量：           |      |      |      |      |
| 灯具规格：3000K   |     |                      |      |      | 外型尺寸：             |      |                    | 测试编号：2312211466 |      |      |      |      |
| 制造厂商：RISE  |     |                      |      |      | 发光口面：0.00180864m2 |      |                    | 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  | 18.3                 | 19.2 | 18.5 | 19.3              | 19.5 | 18.6               | 19.5            | 18.8 | 19.7 | 19.8 |      |
|  | 3H  | 18.1                 | 18.9 | 18.4 | 19.1              | 19.3 | 18.5               | 19.3            | 18.7 | 19.5 | 19.7 |      |
|  | 4H  | 18.0                 | 18.8 | 18.3 | 19.0              | 19.2 | 18.4               | 19.1            | 18.7 | 19.4 | 19.6 |      |
|  | 6H  | 17.9                 | 18.6 | 18.2 | 18.9              | 19.1 | 18.3               | 19.0            | 18.6 | 19.2 | 19.5 |      |
|  | 8H  | 17.9                 | 18.6 | 18.2 | 18.8              | 19.1 | 18.2               | 18.9            | 18.6 | 19.2 | 19.4 |      |
|  | 12H | 17.9                 | 18.5 | 18.2 | 18.8              | 19.0 | 18.2               | 18.9            | 18.5 | 19.1 | 19.4 |      |
|  | 4H  | 2H                   | 18.0 | 18.8 | 18.3              | 19.0 | 19.2               | 18.4            | 19.1 | 18.7 | 19.4 | 19.6 |
|  | 3H  | 17.9                 | 18.5 | 18.2 | 18.8              | 19.0 | 18.2               | 18.9            | 18.5 | 19.1 | 19.4 |      |
|  | 4H  | 17.8                 | 18.3 | 18.1 | 18.6              | 18.9 | 18.1               | 18.7            | 18.5 | 19.0 | 19.3 |      |
|  | 6H  | 17.7                 | 18.2 | 18.0 | 18.5              | 18.9 | 18.0               | 18.5            | 18.4 | 18.9 | 19.2 |      |
|  | 8H  | 17.6                 | 18.1 | 18.0 | 18.4              | 18.8 | 18.0               | 18.4            | 18.3 | 18.8 | 19.2 |      |
|  | 12H | 17.6                 | 18.0 | 18.0 | 18.4              | 18.8 | 17.9               | 18.3            | 18.3 | 18.7 | 19.1 |      |
| 8H   | 4H  | 17.6                 | 18.1 | 18.0 | 18.4              | 18.8 | 18.0               | 18.4            | 18.3 | 18.8 | 19.2 |      |
|  | 6H  | 17.5                 | 17.9 | 17.9 | 18.3              | 18.7 | 17.9               | 18.2            | 18.3 | 18.6 | 19.1 |      |
|  | 8H  | 17.4                 | 17.8 | 17.9 | 18.2              | 18.7 | 17.8               | 18.1            | 18.2 | 18.6 | 19.0 |      |
|  | 12H | 17.4                 | 17.7 | 17.9 | 18.1              | 18.6 | 17.7               | 18.0            | 18.2 | 18.5 | 18.9 |      |
| 12H  | 4H  | 17.6                 | 18.0 | 18.0 | 18.4              | 18.8 | 17.9               | 18.3            | 18.3 | 18.7 | 19.1 |      |
|  | 6H  | 17.4                 | 17.8 | 17.9 | 18.2              | 18.7 | 17.8               | 18.1            | 18.2 | 18.6 | 19.0 |      |
|  | 8H  | 17.4                 | 17.7 | 17.9 | 18.1              | 18.6 | 17.7               | 18.0            | 18.2 | 18.5 | 18.9 |      |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):  |     |                      |      |      |                   |      |                    |                 |      |      |      |      |
| S = 1.0H   |     | + 4.2 / -25.6        |      |      |                   |      | + 4.4 / -26.1      |                 |      |      |      |      |
| 1.5H   |     | + 6.8 / -19.4        |      |      |                   |      | + 7.1 / -20.2      |                 |      |      |      |      |
| 2.0H   |     | + 7.3 / -16.8        |      |      |                   |      | + 7.7 / -17.7      |                 |      |      |      |      |

依据CIE Pub.117计算, 1434lm光源光通表格中的数据需要进行修正( $8\log(F/F_0) = 1.3$ )。  
出光口面积: 0.00180864 m<sup>2</sup>

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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up



## UF利用系数表

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                                |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m <sup>2</sup> | 遮光角:             |

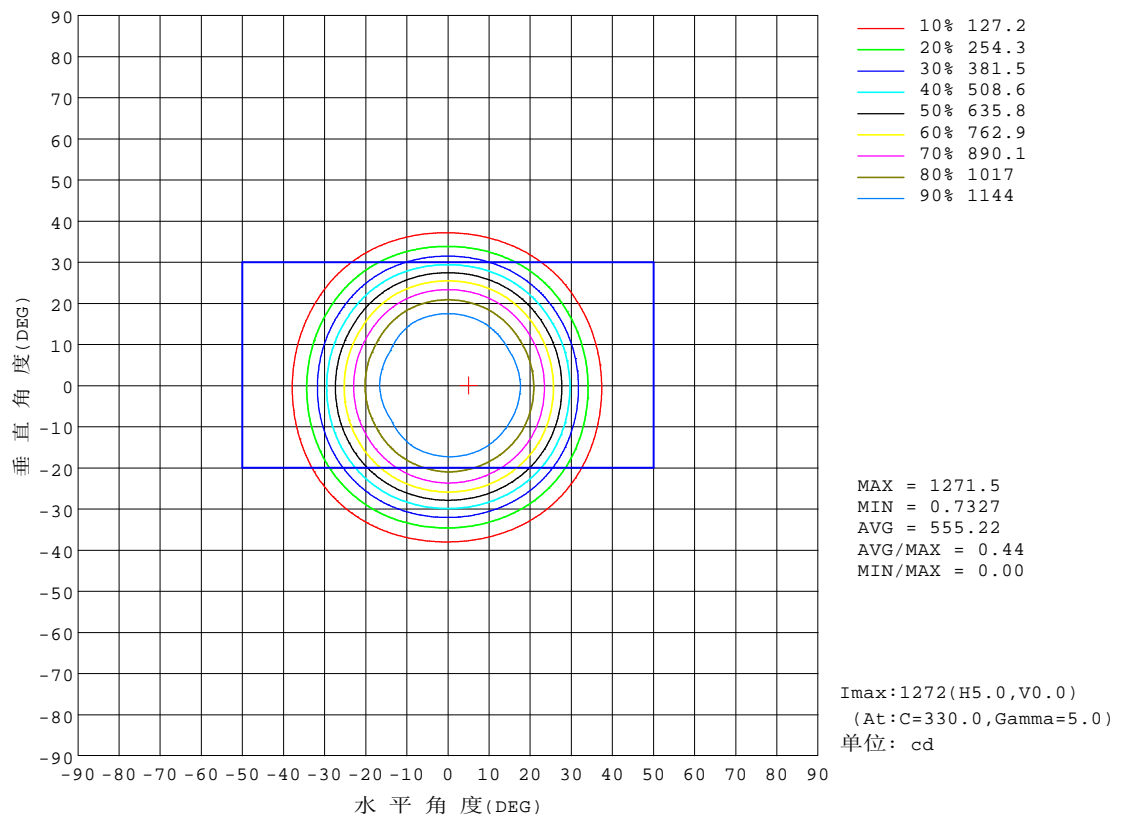
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |        |
| $k = 0.60$                 | 61   | 57  | 55  | 61  | 57  | 55  | 60                  | 57  | 55  | 52     |
| 0.80                       | 66   | 62  | 60  | 65  | 62  | 60  | 65                  | 62  | 60  | 57     |
| 1.00                       | 69   | 65  | 63  | 68  | 65  | 63  | 67                  | 65  | 62  | 60     |
| 1.25                       | 71   | 68  | 66  | 70  | 67  | 65  | 69                  | 67  | 65  | 62     |
| 1.50                       | 73   | 70  | 68  | 72  | 69  | 67  | 70                  | 68  | 67  | 64     |
| 2.00                       | 74   | 72  | 70  | 73  | 71  | 69  | 72                  | 70  | 68  | 65     |
| 2.50                       | 75   | 73  | 71  | 74  | 72  | 70  | 72                  | 70  | 69  | 65     |
| 3.00                       | 76   | 74  | 72  | 75  | 73  | 72  | 73                  | 71  | 70  | 66     |
| 4.00                       | 77   | 76  | 74  | 76  | 75  | 73  | 74                  | 73  | 72  | 67     |
| 5.00                       | 78   | 77  | 76  | 77  | 76  | 75  | 74                  | 73  | 73  | 68     |
| 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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## 灯具等光强曲线

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                                |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m <sup>2</sup> | 遮光角:             |

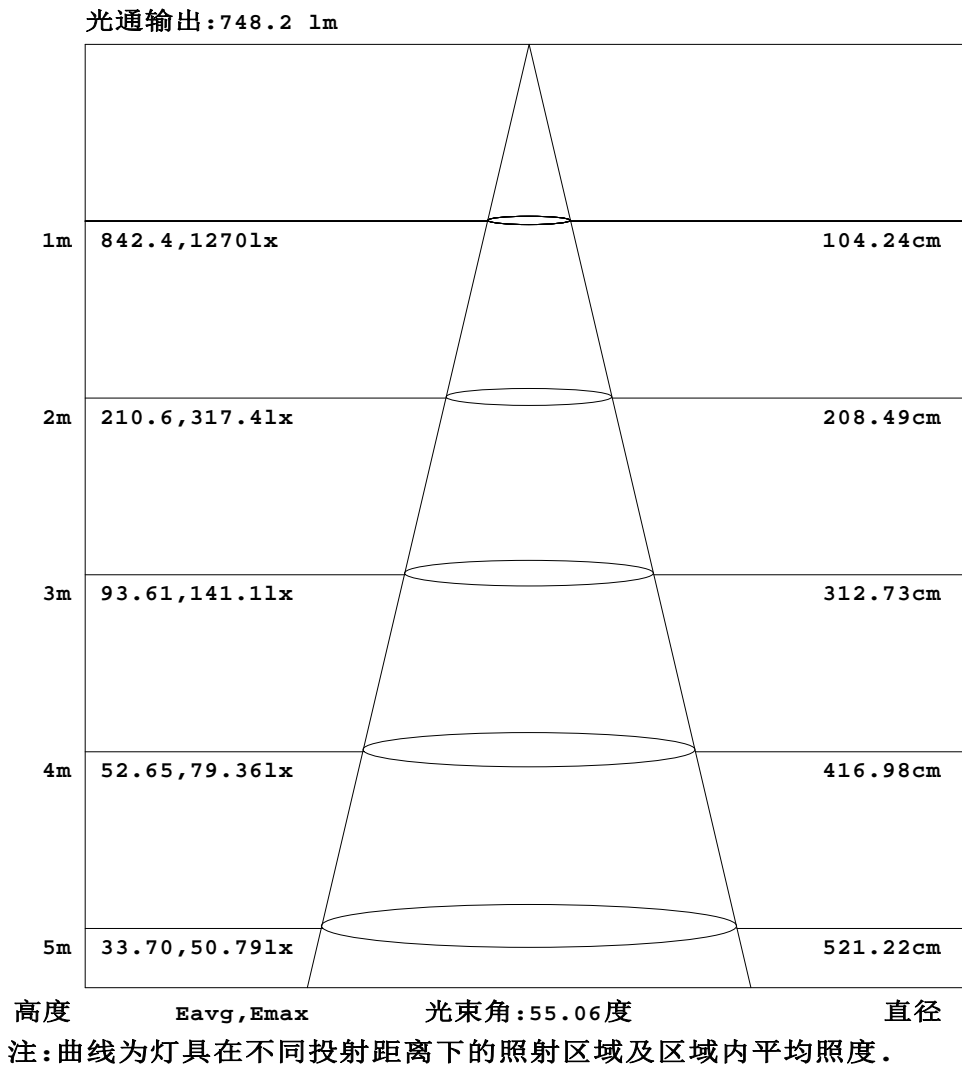


c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## 灯具有效平均照度图

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                                |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m <sup>2</sup> | 遮光角:             |

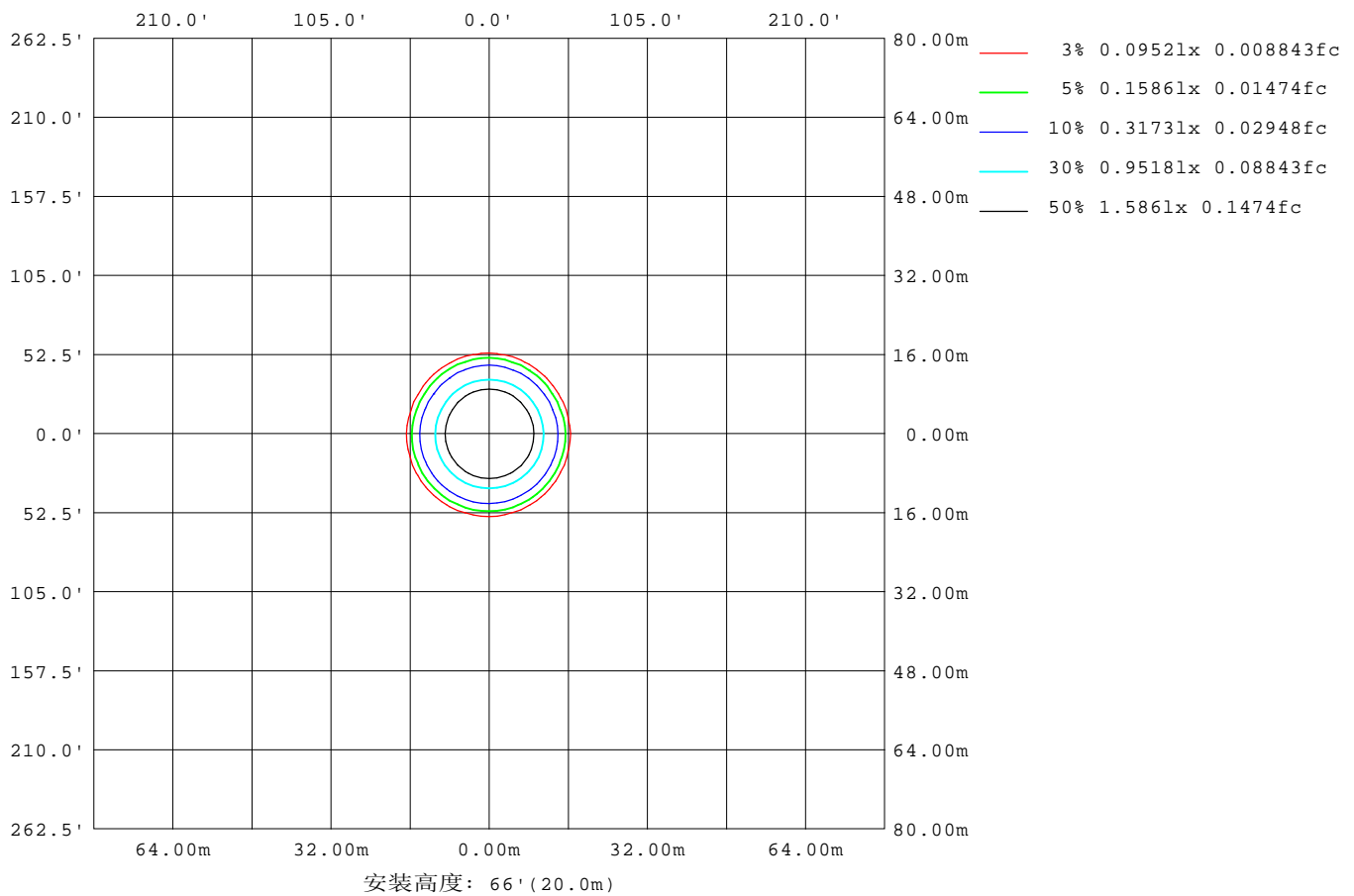


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## 平面等照度曲线

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                                |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m <sup>2</sup> | 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: 2023-12-21

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 20/220-240/500 CS 350mA  
30minutes warm-up

## LED筒灯平均亮度报告

|  |                    |                  |
|--|--------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                    |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:              | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:              | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m2 | 遮光角:             |

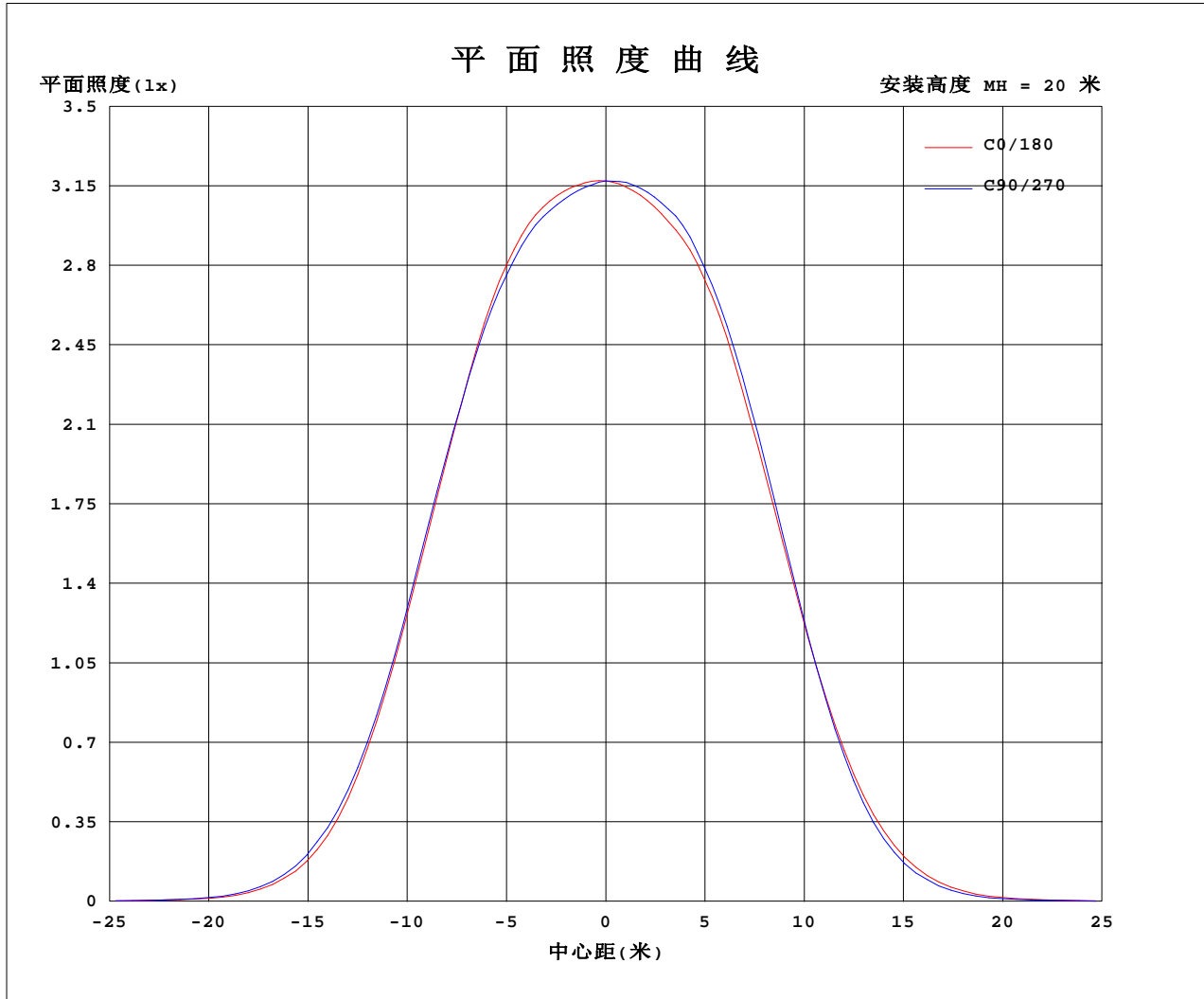
| 平均亮度      | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av  | 272       |
| L横(75)av  | 99        |
| L横(85)av  | 146       |
| L纵(65)av  | 221       |
| L纵(75)av  | 89        |
| L纵(85)av  | 137       |
| L45(65)av | 223       |
| L45(75)av | 84        |
| L45(85)av | 97        |

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: 2023-12-21

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 20/220-240/500 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  
 测试日期: 2023-12-21

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 20/220-240/500 CS 350mA  
 30minutes warm-up



## 光强分布数据表格

|  |                    |                  |
|--|--------------------|------------------|
| 实测参数: U:220.30V I:0.0631A P:13.529W PF:0.9702 Freq:49.99Hz<br>实检光通: 1434.29x1 lm |                    |                  |
| 灯具名称: 2318.111-ACOT-70   | 灯具类型:              | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:              | 测试编号: 2312211466 |
| 制造厂商: RISE   | 发光口面: 0.00180864m2 | 遮光角:             |

表--1

单位: cd

| C(DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 | 1269 |  |  |  |  |  |  |
| 5                 | 1271 | 1268 | 1263 | 1259 | 1256 | 1255 | 1258 | 1262 | 1266 | 1270 | 1272 | 1272 |  |  |  |  |  |  |
| 10                | 1265 | 1257 | 1251 | 1247 | 1240 | 1232 | 1238 | 1241 | 1255 | 1263 | 1268 | 1263 |  |  |  |  |  |  |
| 15                | 1211 | 1200 | 1202 | 1194 | 1189 | 1167 | 1181 | 1173 | 1201 | 1204 | 1208 | 1196 |  |  |  |  |  |  |
| 20                | 1055 | 1059 | 1056 | 1056 | 1043 | 1022 | 1024 | 1021 | 1050 | 1053 | 1051 | 1041 |  |  |  |  |  |  |
| 25                | 803  | 818  | 817  | 818  | 809  | 791  | 776  | 766  | 789  | 790  | 793  | 786  |  |  |  |  |  |  |
| 30                | 488  | 499  | 503  | 504  | 505  | 492  | 479  | 460  | 472  | 468  | 470  | 466  |  |  |  |  |  |  |
| 35                | 213  | 227  | 231  | 238  | 242  | 236  | 226  | 207  | 211  | 202  | 202  | 195  |  |  |  |  |  |  |
| 40                | 66.6 | 68.8 | 77.6 | 79.4 | 84.5 | 81.1 | 76.7 | 67.7 | 65.5 | 61.3 | 57.9 | 58.0 |  |  |  |  |  |  |
| 45                | 16.6 | 18.0 | 18.4 | 20.2 | 20.1 | 21.5 | 20.1 | 17.1 | 15.7 | 14.9 | 14.2 | 14.1 |  |  |  |  |  |  |
| 50                | 5.67 | 6.21 | 6.74 | 6.85 | 6.89 | 6.70 | 6.35 | 5.69 | 5.26 | 5.02 | 4.79 | 4.68 |  |  |  |  |  |  |
| 55                | 1.36 | 1.46 | 1.53 | 1.64 | 1.66 | 1.58 | 1.32 | 1.19 | 1.11 | 1.00 | 1.03 | 1.13 |  |  |  |  |  |  |
| 60                | 0.24 | 0.25 | 0.25 | 0.27 | 0.27 | 0.27 | 0.23 | 0.15 | 0.12 | 0.11 | 0.12 | 0.15 |  |  |  |  |  |  |
| 65                | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.21 | 0.14 | 0.12 | 0.12 | 0.12 | 0.14 |  |  |  |  |  |  |
| 70                | 0.13 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 |  |  |  |  |  |  |
| 75                | 0.05 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 0.04 |  |  |  |  |  |  |
| 80                | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 |  |  |  |  |  |  |
| 85                | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |  |  |  |  |  |  |
| 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: 2023-12-21

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 20/220-240/500 CS 350mA

30minutes warm-up