

## 燈具實物照片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 77.9%   |                          |
| Luminaire Power:    | 6.979 W |                          |
| SHR Nominal:        | 0.75    | Calculated using the TM5 |
| SHR Maximum:        | 0.90    | 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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
 LENS:PM-1117C 50R  
 NOT DRIVER:48V  
 30minutes warm-up

## 灯具配光曲线及特征面照片

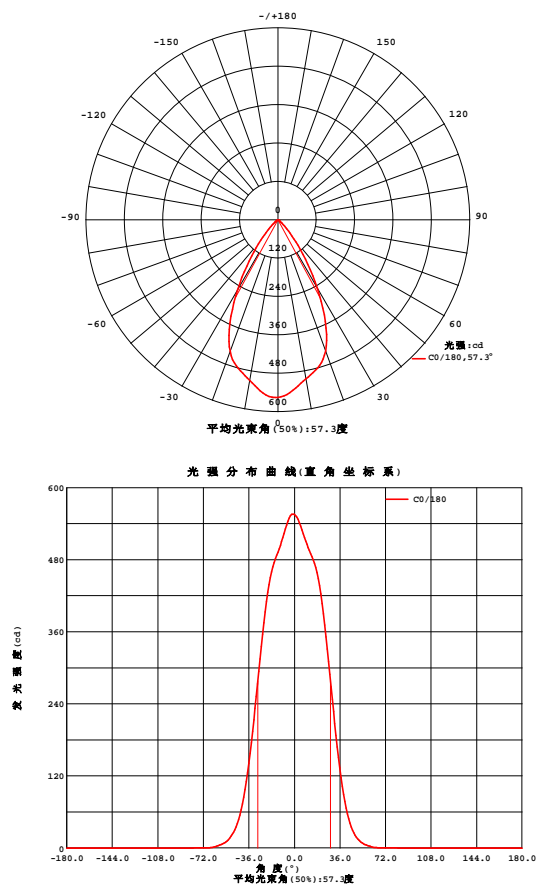


Fig. C0/C180

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: 2025-3-3

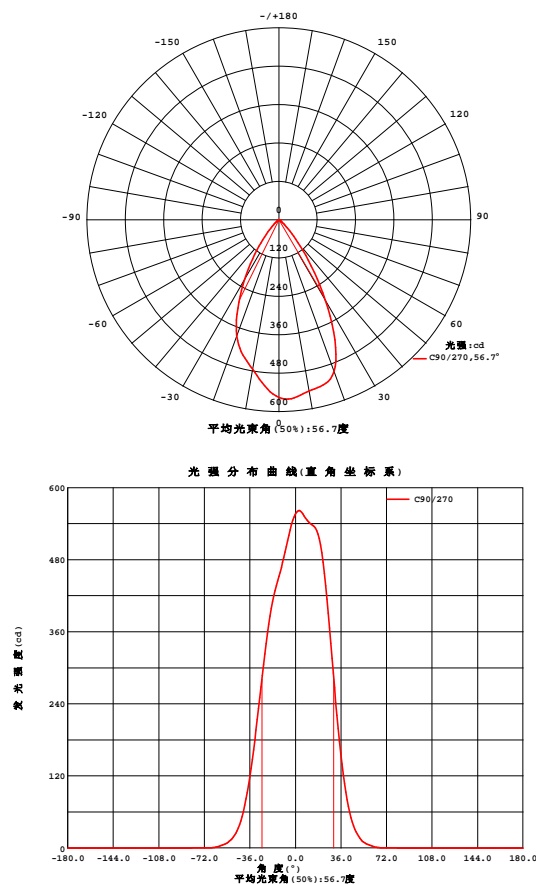


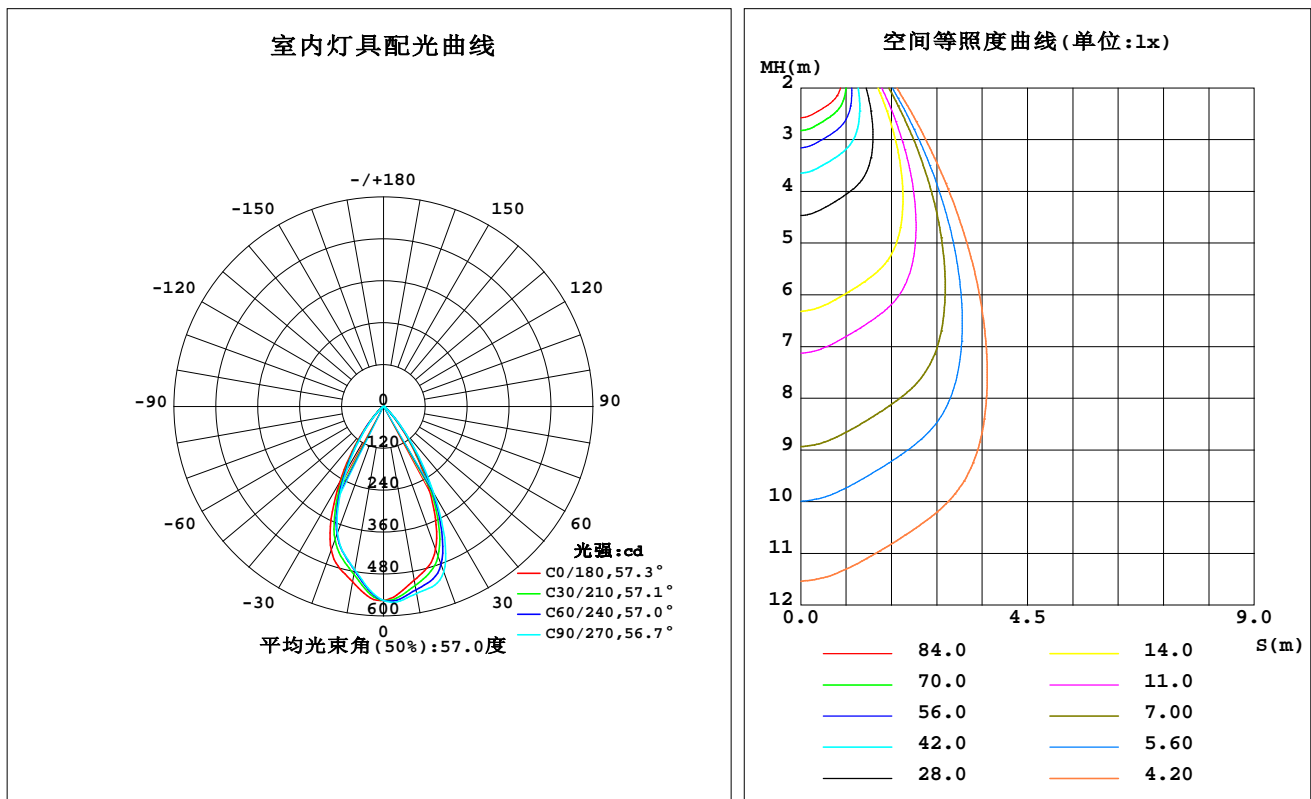
Fig. C90/C270

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: BXRH-30H0600-A-83 Ra: 97  
LENS: PM-1117C 50R  
NOT DRIVER: 48V  
30minutes warm-up

## 室内灯具光度数据

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

| 光源数据      |           | 光度数据     |        |                   |          | 光效: 69.28 lm/W |
|-----------|-----------|----------|--------|-------------------|----------|----------------|
| 型号        | Brideglux | 峰值光强(cd) | 561.6  | S/MH(C0/180)      | 0.87     |                |
| 标称功率(W)   | 7         | 灯具效率(%)  | 77.9   | S/MH(C90/270)     | 0.82     |                |
| 额定电源电压(V) | 48        | 总光通量(lm) | 483.47 | η UP,DN(C0-180)   | 0.0,41.7 |                |
| 额定光通量(lm) | 620.3     | CIE分类    | 直接     | η UP,DN(C180-360) | 0.0,36.3 |                |
| 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) | 48        | 下射光通比(%) | 77.9   | CIBSE SHR MAX     | 0.90     |                |



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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
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       | 505.6  | 527.2  | 544.0  | 536.8  | 510.3  | 483.1  | 475.1  | 487.2  | 0- 10              | 50.45  | 50.45 | 10.4, 8.13 |
| 20       | 436.5  | 469.6  | 504.5  | 484.0  | 438.3  | 398.2  | 386.3  | 407.6  | 10- 20             | 135.1  | 185.6 | 38.4, 29.9 |
| 30       | 247.4  | 273.6  | 291.1  | 273.8  | 252.4  | 228.7  | 214.1  | 226.6  | 20- 30             | 160.4  | 345.9 | 71.6, 55.8 |
| 40       | 77.74  | 86.84  | 92.99  | 88.72  | 84.68  | 75.98  | 71.16  | 72.62  | 30- 40             | 97.21  | 443.1 | 91.7, 71.4 |
| 50       | 15.19  | 17.84  | 19.63  | 19.32  | 19.20  | 16.76  | 15.29  | 14.58  | 40- 50             | 31.62  | 474.8 | 98.2, 76.5 |
| 60       | 2.731  | 3.446  | 3.842  | 4.014  | 4.082  | 3.672  | 3.113  | 2.709  | 50- 60             | 7.649  | 482.4 | 99.8, 77.8 |
| 70       | 0.0636 | 0.0947 | 0.1217 | 0.0882 | 0.0790 | 0.0659 | 0.0467 | 0.0439 | 60- 70             | 1.049  | 483.4 | 100, 77.9  |
| 80       | 0.0012 | 0.0000 | 0.0003 | 0.0000 | 0      | 0      | 0.0018 | 0      | 70- 80             | 0.0203 | 483.5 | 100, 77.9  |
| 90       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90             | 0.0000 | 483.5 | 100, 77.9  |
| 100      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100             | 0      | 483.5 | 100, 77.9  |
| 110      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110            | 0      | 483.5 | 100, 77.9  |
| 120      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120            | 0      | 483.5 | 100, 77.9  |
| 130      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130            | 0      | 483.5 | 100, 77.9  |
| 140      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140            | 0      | 483.5 | 100, 77.9  |
| 150      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150            | 0      | 483.5 | 100, 77.9  |
| 160      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160            | 0      | 483.5 | 100, 77.9  |
| 170      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170            | 0      | 483.5 | 100, 77.9  |
| 180      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180            | 0      | 483.5 | 100, 77.9  |
| 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: 2025-3-3

$\gamma$ 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: BXRH-30H0600-A-83 Ra: 97  
 LENS: PM-1117C 50R  
 NOT DRIVER: 48V  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz  
实检光通: 620.3x1 lm

灯具名称: OZ48-SA-33

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

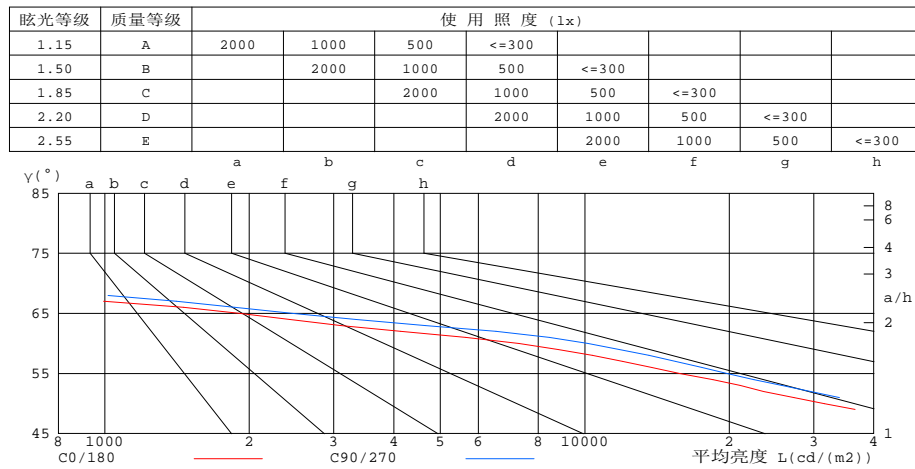
测试编号: 2503010136

制造厂商: RISE

发光口面: 0.000754385m<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            | 0      | 0       |
| 80            | 10     | 2       |
| 75            | 82     | 117     |
| 70            | 248    | 471     |
| 65            | 1912   | 2464    |
| 60            | 7290   | 10164   |
| 55            | 15787  | 19801   |
| 50            | 31535  | 40403   |
| 45            | 66259  | 80783   |

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: 2025-3-3

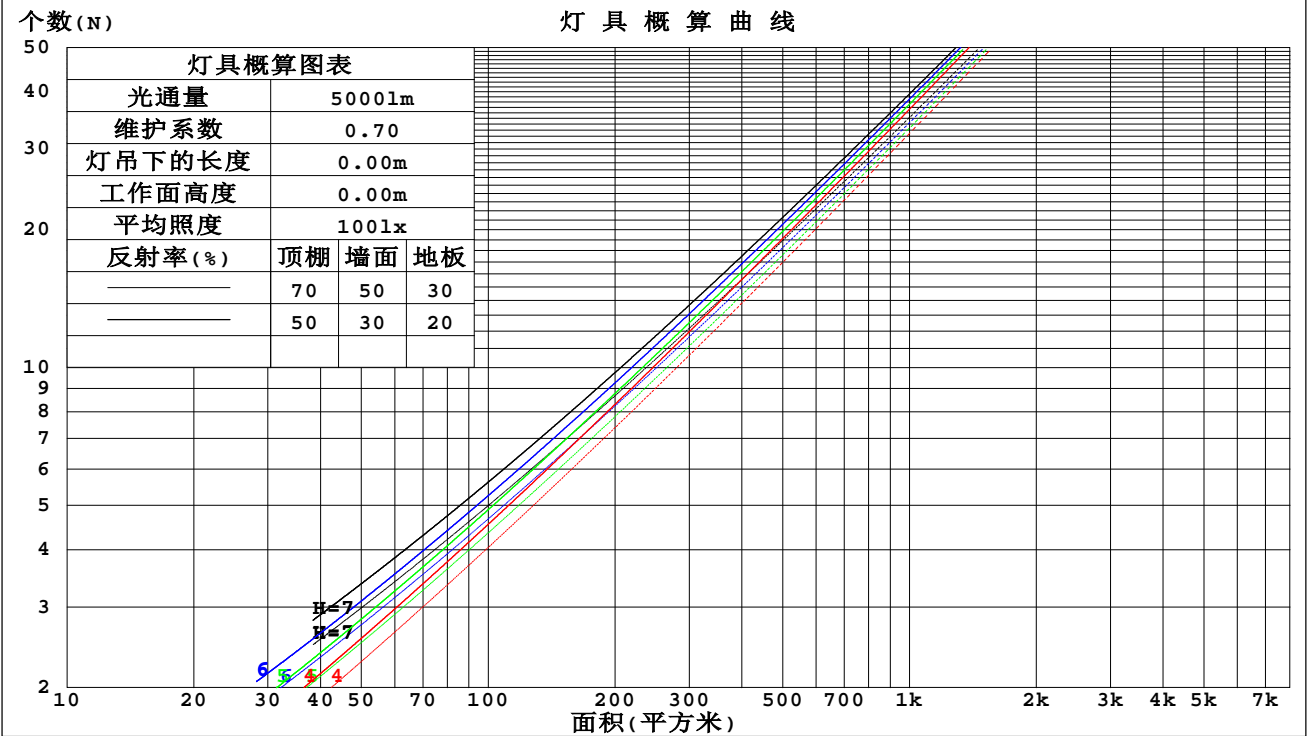
γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
30minutes warm-up



工作面利用系数和灯具概算曲线

|  |                     |                  |
|--|---------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz |                     |                  |
| 实检光通: 620.3x1 lm                                       |                     |                  |
| 灯具名称: OZ48-SA-33                                       | 灯具类型:               | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:               | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m2 | 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  | .93           | .93 | .93 | .91 | .91 | .91 | .87 | .87 | .87 | .83 | .83 | .83 | .80 | .80 | .80 | .78 |
| 1.0  | .86           | .84 | .83 | .85 | .83 | .81 | .82 | .80 | .79 | .79 | .78 | .77 | .76 | .75 | .74 | .73 |
| 2.0  | .80           | .77 | .75 | .79 | .76 | .74 | .76 | .74 | .72 | .74 | .72 | .71 | .72 | .70 | .69 | .68 |
| 3.0  | .75           | .71 | .68 | .74 | .70 | .67 | .72 | .69 | .66 | .70 | .67 | .65 | .68 | .66 | .64 | .63 |
| 4.0  | .70           | .66 | .62 | .69 | .65 | .62 | .67 | .64 | .61 | .66 | .63 | .61 | .64 | .62 | .60 | .59 |
| 5.0  | .65           | .61 | .58 | .65 | .60 | .57 | .63 | .60 | .57 | .62 | .59 | .56 | .61 | .58 | .56 | .55 |
| 6.0  | .61           | .57 | .53 | .61 | .56 | .53 | .60 | .56 | .53 | .59 | .55 | .53 | .57 | .54 | .52 | .51 |
| 7.0  | .58           | .53 | .50 | .57 | .53 | .50 | .56 | .52 | .49 | .55 | .52 | .49 | .54 | .51 | .49 | .48 |
| 8.0  | .54           | .50 | .47 | .54 | .49 | .46 | .53 | .49 | .46 | .52 | .49 | .46 | .52 | .48 | .46 | .45 |
| 9.0  | .51           | .47 | .44 | .51 | .47 | .44 | .50 | .46 | .43 | .50 | .46 | .43 | .49 | .46 | .43 | .42 |
| 10.0 | .49           | .44 | .41 | .48 | .44 | .41 | .48 | .44 | .41 | .47 | .43 | .41 | .46 | .43 | .41 | .40 |



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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
30minutes warm-up

## 墙面和天花板利用系数

|  |  |  |                                 |  |                  |
|--|--|--|---------------------------------|--|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |  |  |                                 |  |                  |
| 灯具名称: OZ48-SA-33   |  |  | 灯具类型:                           |  | 灯具重量:            |
| 灯具规格: 3000K  |  |  | 外型尺寸:                           |  | 测试编号: 2503010136 |
| 制造厂商: RISE   |  |  | 发光口面: 0.000754385m <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 | 墙 壁 面 利 用 系 数 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0  |               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 1.0  | .138          | .079 | .025 | .133 | .076 | .024 | .123 | .071 | .023 | .114 | .066 | .021 | .106 | .061 | .020 |   |
| 2.0  | .133          | .073 | .022 | .128 | .071 | .022 | .120 | .067 | .021 | .113 | .063 | .020 | .106 | .060 | .019 |   |
| 3.0  | .127          | .068 | .020 | .123 | .066 | .020 | .116 | .063 | .019 | .110 | .060 | .018 | .104 | .057 | .018 |   |
| 4.0  | .121          | .063 | .019 | .118 | .062 | .018 | .112 | .059 | .018 | .106 | .057 | .017 | .101 | .055 | .017 |   |
| 5.0  | .116          | .059 | .017 | .113 | .058 | .017 | .107 | .056 | .016 | .103 | .054 | .016 | .098 | .052 | .016 |   |
| 6.0  | .110          | .055 | .016 | .108 | .055 | .016 | .103 | .053 | .015 | .099 | .051 | .015 | .095 | .050 | .015 |   |
| 7.0  | .106          | .052 | .015 | .103 | .052 | .015 | .099 | .050 | .014 | .095 | .049 | .014 | .092 | .048 | .014 |   |
| 8.0  | .101          | .049 | .014 | .099 | .049 | .014 | .096 | .048 | .014 | .092 | .047 | .013 | .089 | .046 | .013 |   |
| 9.0  | .097          | .047 | .013 | .095 | .046 | .013 | .092 | .045 | .013 | .089 | .044 | .013 | .086 | .044 | .013 |   |
| 10.0 | .093          | .045 | .012 | .092 | .044 | .012 | .088 | .043 | .012 | .086 | .043 | .012 | .083 | .042 | .012 |   |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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  | .148    | .148 | .148 | .127 | .127 | .127 | .087 | .087 | .087 | .050 | .050 | .050 | .016 | .016 | .016 |   |
| 1.0  | .133    | .123 | .113 | .114 | .105 | .097 | .078 | .072 | .067 | .045 | .042 | .039 | .014 | .013 | .013 |   |
| 2.0  | .122    | .103 | .088 | .104 | .089 | .076 | .071 | .062 | .053 | .041 | .036 | .031 | .013 | .012 | .010 |   |
| 3.0  | .112    | .089 | .070 | .096 | .076 | .060 | .066 | .053 | .042 | .038 | .031 | .025 | .012 | .010 | .008 |   |
| 4.0  | .104    | .077 | .056 | .089 | .067 | .049 | .062 | .046 | .034 | .036 | .027 | .020 | .011 | .009 | .007 |   |
| 5.0  | .098    | .068 | .046 | .084 | .059 | .040 | .058 | .041 | .028 | .033 | .024 | .017 | .011 | .008 | .006 |   |
| 6.0  | .092    | .061 | .039 | .079 | .053 | .034 | .054 | .037 | .024 | .032 | .022 | .014 | .010 | .007 | .005 |   |
| 7.0  | .087    | .055 | .033 | .075 | .048 | .028 | .052 | .033 | .020 | .030 | .020 | .012 | .010 | .006 | .004 |   |
| 8.0  | .083    | .050 | .028 | .071 | .044 | .024 | .049 | .031 | .017 | .029 | .018 | .010 | .009 | .006 | .003 |   |
| 9.0  | .079    | .046 | .024 | .068 | .040 | .021 | .047 | .028 | .015 | .027 | .017 | .009 | .009 | .005 | .003 |   |
| 10.0 | .075    | .043 | .021 | .065 | .037 | .019 | .045 | .026 | .013 | .026 | .015 | .008 | .008 | .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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
30minutes warm-up

## UGR(Unified Glare Rating)数据表

|  |     |                      |      |      |                     |      |                    |                  |      |      |      |
|--|-----|----------------------|------|------|---------------------|------|--------------------|------------------|------|------|------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |     |                      |      |      |                     |      |                    |                  |      |      |      |
| 灯具名称: OZ48-SA-33   |     |                      |      |      | 灯具类型:               |      |                    | 灯具重量:            |      |      |      |
| 灯具规格: 3000K  |     |                      |      |      | 外型尺寸:               |      |                    | 测试编号: 2503010136 |      |      |      |
| 制造厂商: RISE   |     |                      |      |      | 发光口面: 0.000754385m2 |      |                    | 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  | 24.8                 | 25.8 | 25.1 | 26.0                | 26.1 | 25.5               | 26.4             | 25.7 | 26.6 | 26.8 |
|  | 3H  | 24.7                 | 25.5 | 24.9 | 25.7                | 25.9 | 25.3               | 26.2             | 25.6 | 26.4 | 26.6 |
|  | 4H  | 24.6                 | 25.4 | 24.8 | 25.6                | 25.8 | 25.2               | 26.0             | 25.5 | 26.3 | 26.5 |
|  | 6H  | 24.5                 | 25.3 | 24.8 | 25.5                | 25.7 | 25.1               | 25.9             | 25.4 | 26.1 | 26.4 |
|  | 8H  | 24.4                 | 25.2 | 24.7 | 25.4                | 25.7 | 25.1               | 25.8             | 25.4 | 26.1 | 26.3 |
|  | 12H | 24.4                 | 25.1 | 24.7 | 25.4                | 25.6 | 25.0               | 25.7             | 25.4 | 26.0 | 26.3 |
| 4H   | 2H  | 24.6                 | 25.4 | 24.9 | 25.6                | 25.9 | 25.2               | 26.1             | 25.5 | 26.3 | 26.5 |
|  | 3H  | 24.4                 | 25.1 | 24.7 | 25.4                | 25.7 | 25.0               | 25.8             | 25.4 | 26.0 | 26.3 |
|  | 4H  | 24.3                 | 25.0 | 24.7 | 25.3                | 25.6 | 25.0               | 25.6             | 25.3 | 25.9 | 26.2 |
|  | 6H  | 24.2                 | 24.8 | 24.6 | 25.1                | 25.5 | 24.9               | 25.4             | 25.2 | 25.8 | 26.1 |
|  | 8H  | 24.2                 | 24.7 | 24.6 | 25.0                | 25.4 | 24.8               | 25.3             | 25.2 | 25.7 | 26.1 |
|  | 12H | 24.1                 | 24.6 | 24.5 | 25.0                | 25.4 | 24.8               | 25.2             | 25.2 | 25.6 | 26.0 |
| 8H   | 4H  | 24.2                 | 24.7 | 24.6 | 25.0                | 25.4 | 24.8               | 25.3             | 25.2 | 25.7 | 26.1 |
|  | 6H  | 24.1                 | 24.5 | 24.5 | 24.9                | 25.3 | 24.7               | 25.1             | 25.1 | 25.5 | 25.9 |
|  | 8H  | 24.0                 | 24.4 | 24.5 | 24.8                | 25.2 | 24.7               | 25.0             | 25.1 | 25.4 | 25.9 |
|  | 12H | 24.0                 | 24.3 | 24.4 | 24.7                | 25.2 | 24.6               | 24.9             | 25.1 | 25.4 | 25.8 |
| 12H  | 4H  | 24.1                 | 24.6 | 24.5 | 25.0                | 25.4 | 24.8               | 25.2             | 25.2 | 25.6 | 26.0 |
|  | 6H  | 24.0                 | 24.4 | 24.5 | 24.8                | 25.2 | 24.7               | 25.0             | 25.1 | 25.4 | 25.9 |
|  | 8H  | 24.0                 | 24.3 | 24.4 | 24.7                | 25.2 | 24.6               | 24.9             | 25.1 | 25.4 | 25.8 |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):  |     |                      |      |      |                     |      |                    |                  |      |      |      |
| S = 1.0H   |     | + 2.9 / -11.8        |      |      |                     |      | + 3.3 / -11.1      |                  |      |      |      |
| 1.5H   |     | + 4.9 / - 8.0        |      |      |                     |      | + 5.3 / - 8.4      |                  |      |      |      |
| 2.0H   |     | + 5.9 / -12.5        |      |      |                     |      | + 6.4 / -13.3      |                  |      |      |      |

依据CIE Pub.117计算, 620.3lm光源光通表格中的数据需要进行修正( $8\log(F/F_0) = -1.7$ ).  
 出光口面积: 0.000754385 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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
 LENS:PM-1117C 50R  
 NOT DRIVER:48V  
 30minutes warm-up



## UF利用系数表

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

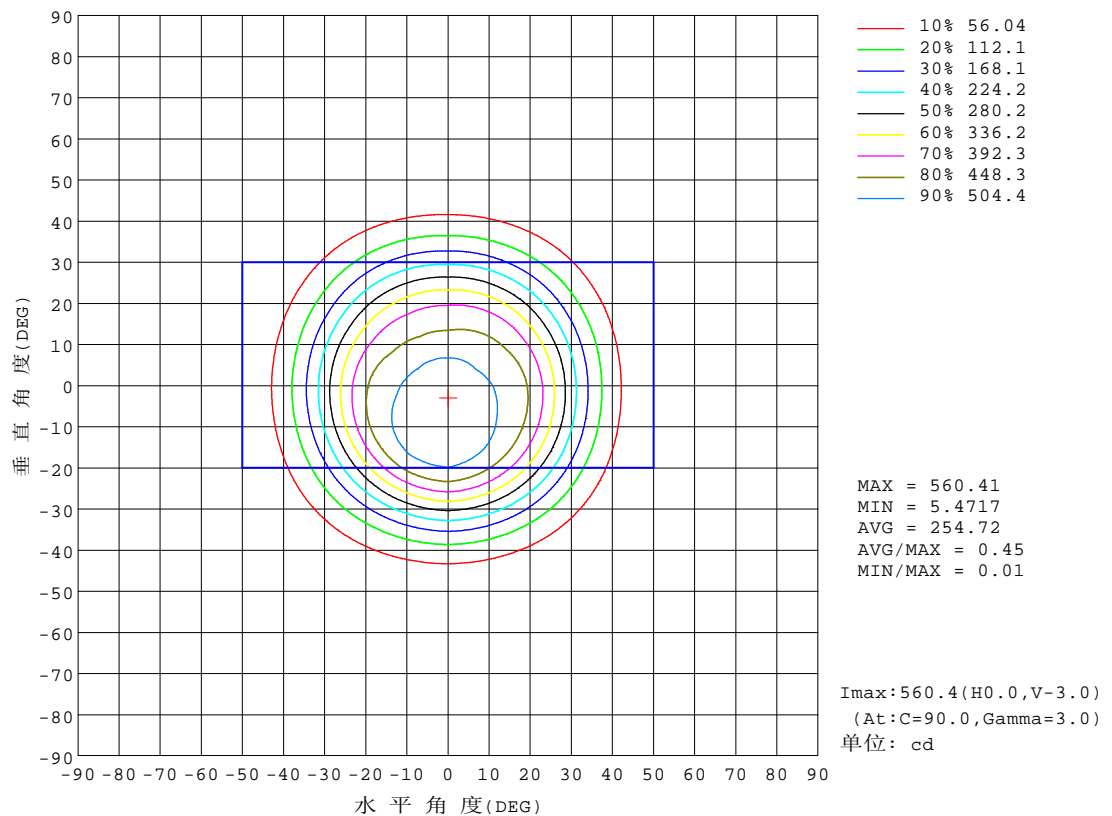
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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                   | 67   | 62  | 59  | 67  | 62  | 59  | 66                  | 62  | 59  | 56     |
| 0.80                       | 73   | 69  | 66  | 73  | 68  | 65  | 72                  | 68  | 65  | 62     |
| 1.00                       | 77   | 73  | 70  | 76  | 72  | 69  | 75                  | 72  | 69  | 66     |
| 1.25                       | 80   | 76  | 73  | 79  | 76  | 73  | 78                  | 75  | 72  | 69     |
| 1.50                       | 82   | 79  | 76  | 81  | 78  | 76  | 80                  | 77  | 75  | 71     |
| 2.00                       | 85   | 81  | 79  | 83  | 80  | 78  | 81                  | 79  | 77  | 73     |
| 2.50                       | 86   | 83  | 81  | 85  | 82  | 80  | 82                  | 80  | 78  | 74     |
| 3.00                       | 87   | 84  | 82  | 86  | 83  | 81  | 83                  | 81  | 80  | 75     |
| 4.00                       | 89   | 86  | 85  | 87  | 85  | 84  | 84                  | 83  | 82  | 76     |
| 5.00                       | 90   | 88  | 86  | 88  | 86  | 85  | 85                  | 84  | 83  | 77     |
| 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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
 LENS:PM-1117C 50R  
 NOT DRIVER:48V  
 30minutes warm-up

## 灯具等光强曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

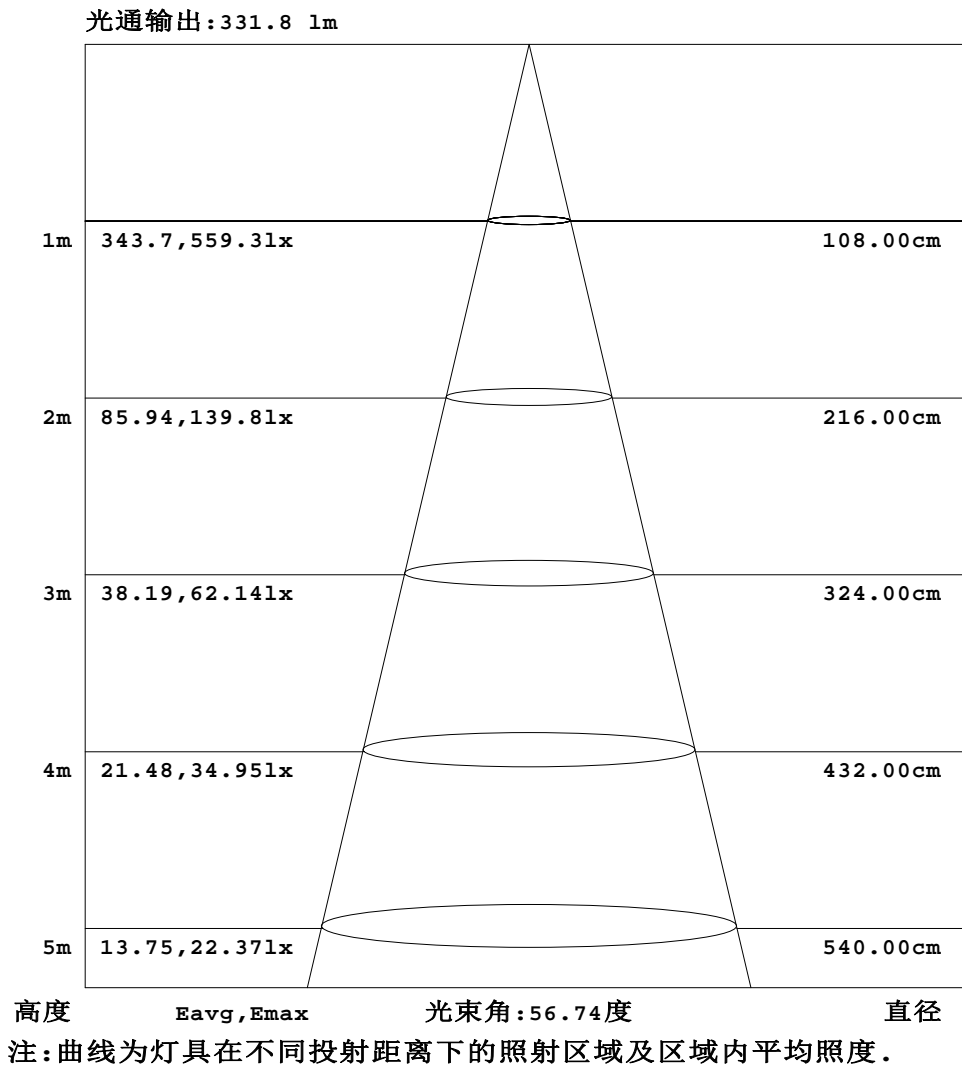


c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
30minutes warm-up

## 灯具有效平均照度图

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

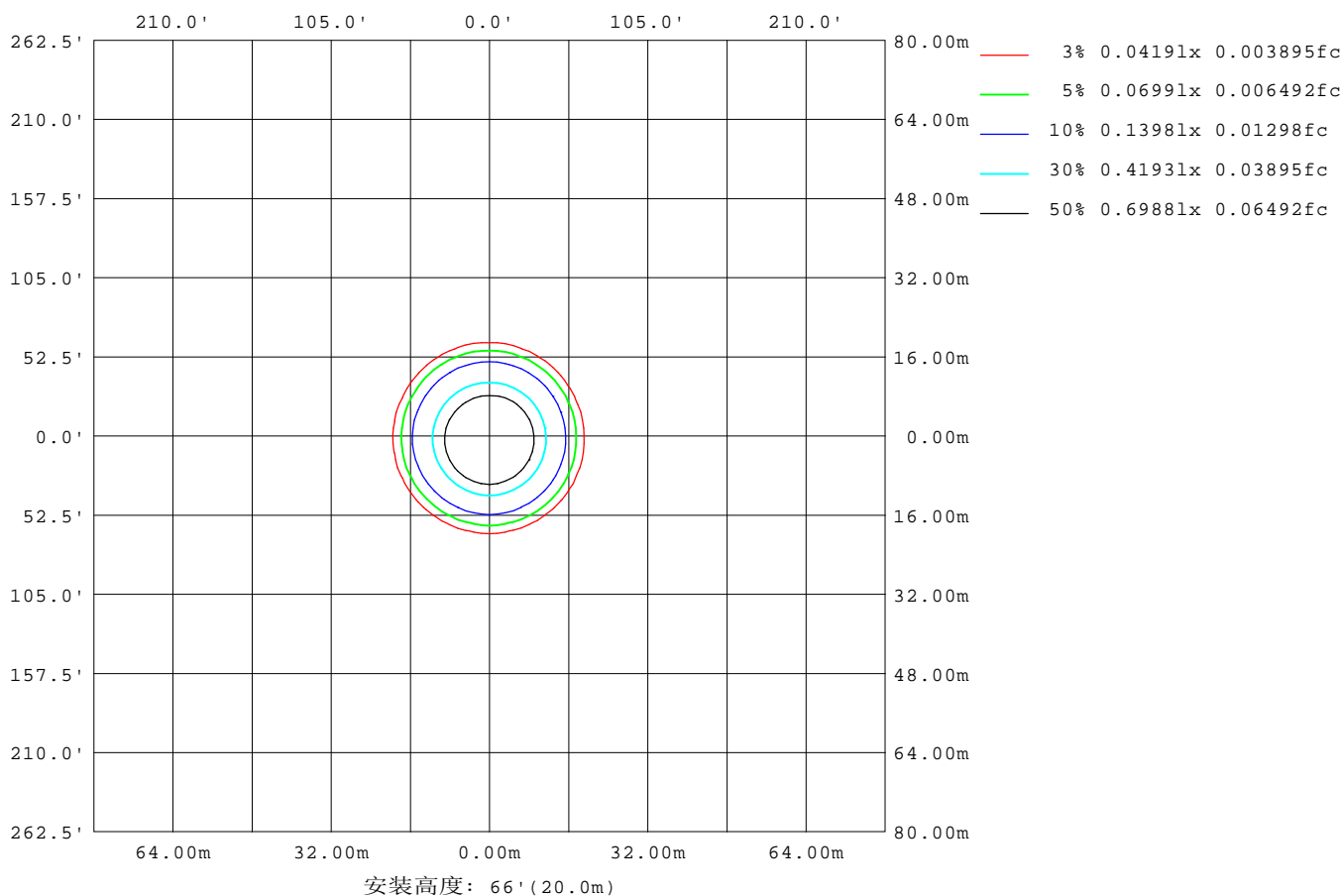


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2025-3-3

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: BXRH-30H0600-A-83 Ra: 97  
LENS: PM-1117C 50R  
NOT DRIVER: 48V  
30minutes warm-up

## 平面等照度曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <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: 2025-3-3

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: BXRH-30H0600-A-83 Ra: 97  
 LENS: PM-1117C 50R  
 NOT DRIVER: 48V  
 30minutes warm-up

## LED筒灯平均亮度报告

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                                 |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

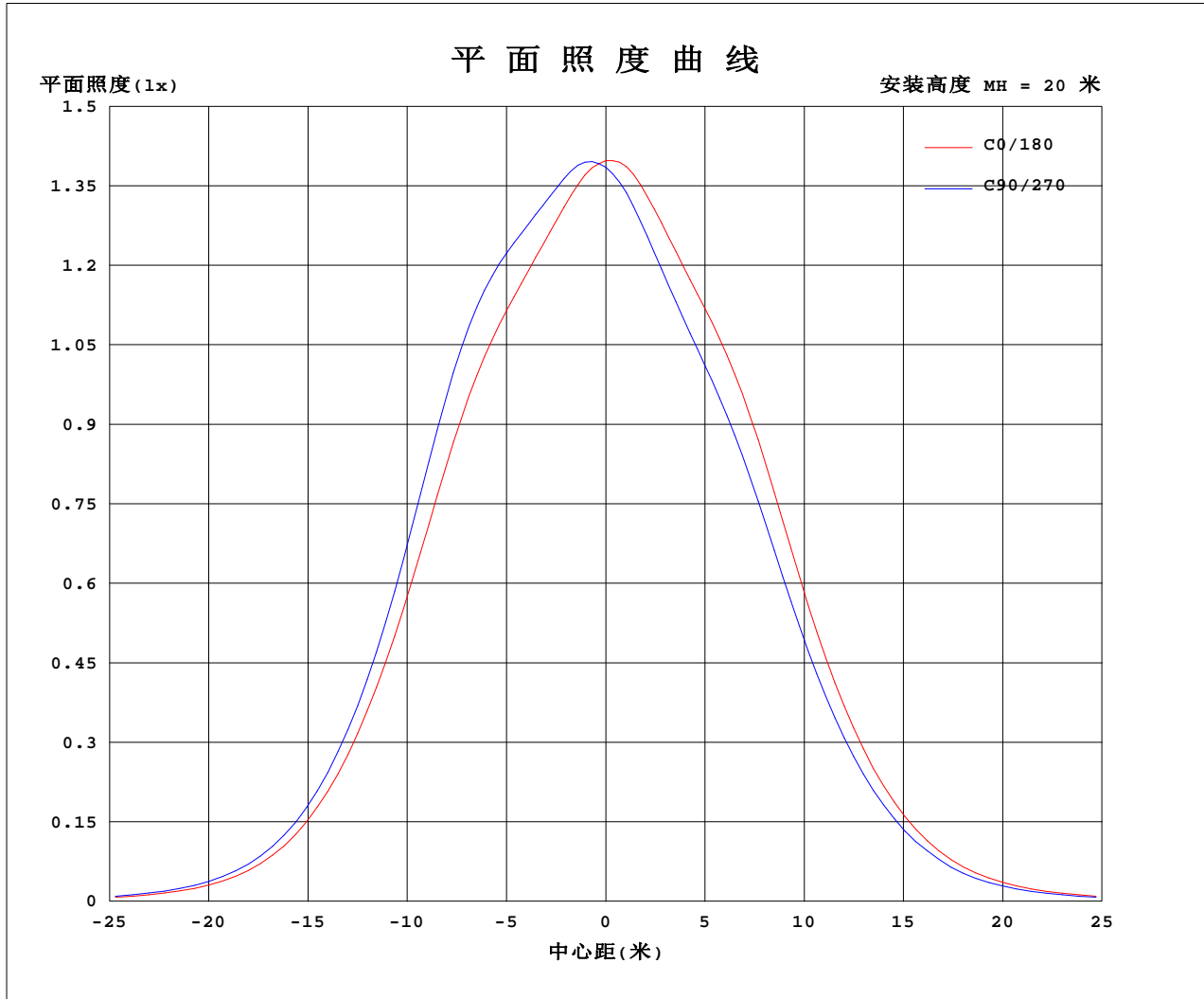
| 平均亮度      | 数值(cd/m <sup>2</sup> ) |
|-----------|------------------------|
| L横(65)av  | 2295                   |
| L横(75)av  | 85                     |
| L横(85)av  | 0                      |
| L纵(65)av  | 2147                   |
| L纵(75)av  | 91                     |
| L纵(85)av  | 0                      |
| L45(65)av | 2239                   |
| L45(75)av | 72                     |
| L45(85)av | 0                      |

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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
 LENS:PM-1117C 50R  
 NOT DRIVER:48V  
 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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
 LENS:PM-1117C 50R  
 NOT DRIVER:48V  
 30minutes warm-up



光 强 分 布 数 据 表 格

|  |                     |                  |
|--|---------------------|------------------|
| 实测参数: U:47.997V I:0.1454A P:6.9788W PF:1.0000 Freq:0Hz<br>实检光通: 620.3x1 lm |                     |                  |
| 灯具名称: OZ48-SA-33   | 灯具类型:               | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:               | 测试编号: 2503010136 |
| 制造厂商: RISE   | 发光口面: 0.000754385m2 | 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                 | 555  | 555  | 555  | 555  | 555  | 555  | 555  | 555  | 555  | 555  | 555  | 555  |        |  |  |  |  |  |  |
| 5                 | 536  | 546  | 553  | 559  | 558  | 553  | 544  | 532  | 524  | 521  | 523  | 528  |        |  |  |  |  |  |  |
| 10                | 506  | 521  | 534  | 544  | 543  | 531  | 510  | 489  | 477  | 475  | 482  | 492  |        |  |  |  |  |  |  |
| 15                | 480  | 497  | 518  | 535  | 532  | 511  | 481  | 453  | 438  | 437  | 449  | 463  |        |  |  |  |  |  |  |
| 20                | 436  | 457  | 482  | 504  | 496  | 472  | 438  | 407  | 390  | 386  | 399  | 416  |        |  |  |  |  |  |  |
| 25                | 351  | 375  | 396  | 414  | 403  | 383  | 356  | 328  | 313  | 305  | 315  | 331  |        |  |  |  |  |  |  |
| 30                | 247  | 266  | 281  | 291  | 280  | 268  | 252  | 234  | 224  | 214  | 221  | 232  |        |  |  |  |  |  |  |
| 35                | 150  | 163  | 171  | 177  | 171  | 165  | 158  | 145  | 140  | 133  | 136  | 142  |        |  |  |  |  |  |  |
| 40                | 77.7 | 84.5 | 89.2 | 93.0 | 89.3 | 88.1 | 84.7 | 77.8 | 74.1 | 71.2 | 70.8 | 74.4 |        |  |  |  |  |  |  |
| 45                | 35.1 | 38.9 | 41.2 | 43.2 | 42.2 | 41.9 | 40.7 | 37.0 | 35.4 | 33.2 | 32.8 | 33.0 |        |  |  |  |  |  |  |
| 50                | 15.2 | 17.6 | 18.1 | 19.6 | 19.0 | 19.6 | 19.2 | 17.2 | 16.3 | 15.3 | 14.7 | 14.4 |        |  |  |  |  |  |  |
| 55                | 6.78 | 7.62 | 8.28 | 8.59 | 8.76 | 8.86 | 8.77 | 8.41 | 7.80 | 7.25 | 6.86 | 6.54 |        |  |  |  |  |  |  |
| 60                | 2.73 | 3.29 | 3.60 | 3.84 | 3.94 | 4.09 | 4.08 | 3.80 | 3.54 | 3.11 | 2.81 | 2.61 |        |  |  |  |  |  |  |
| 65                | 0.61 | 0.74 | 0.73 | 0.79 | 0.84 | 0.88 | 0.86 | 0.73 | 0.66 | 0.58 | 0.57 | 0.55 |        |  |  |  |  |  |  |
| 70                | 0.06 | 0.08 | 0.11 | 0.12 | 0.09 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.05 |        |  |  |  |  |  |  |
| 75                | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |        |  |  |  |  |  |  |
| 80                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |        |  |  |  |  |  |  |
| 85                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |        |  |  |  |  |  |  |
| 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: 2025-3-3

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:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117C 50R  
NOT DRIVER:48V  
30minutes warm-up