

## 燈具實物照片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 82.1%   |                          |
| Luminaire Power:    | 6.952 W |                          |
| SHR Nominal:        | 0.50    | Calculated using the TM5 |
| SHR Maximum:        | 0.55    | 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: 2025-3-1

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-1117B 36R  
 NOT DRIVER:48V  
 30minutes warm-up

## 灯具配光曲线及特征面照片

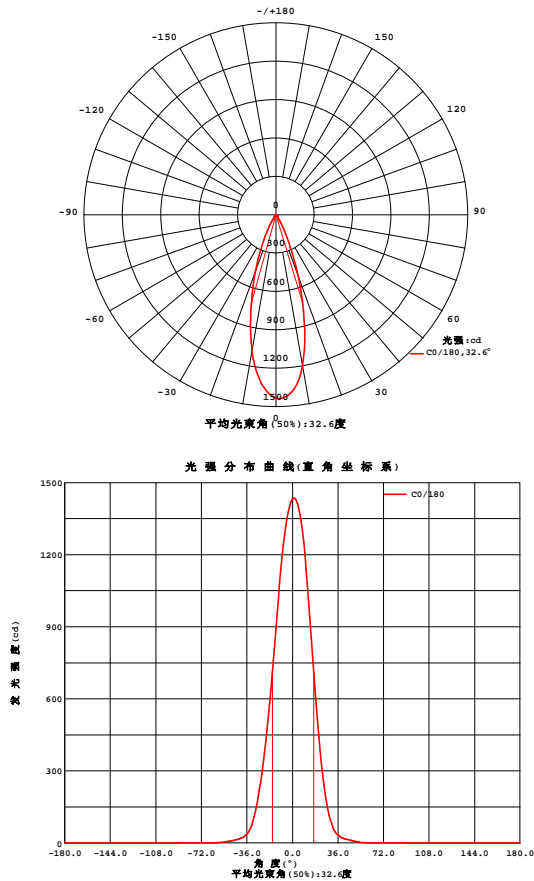


Fig. C0/C180

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: 2025-3-1

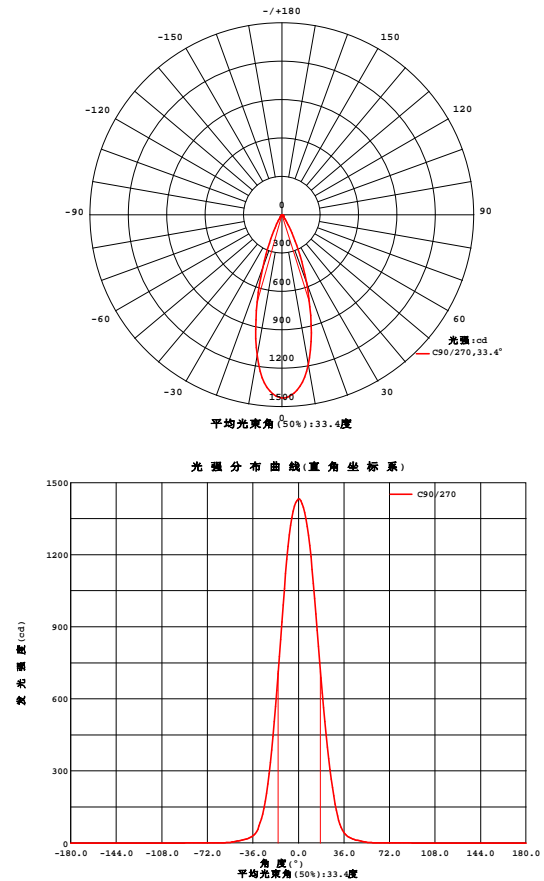


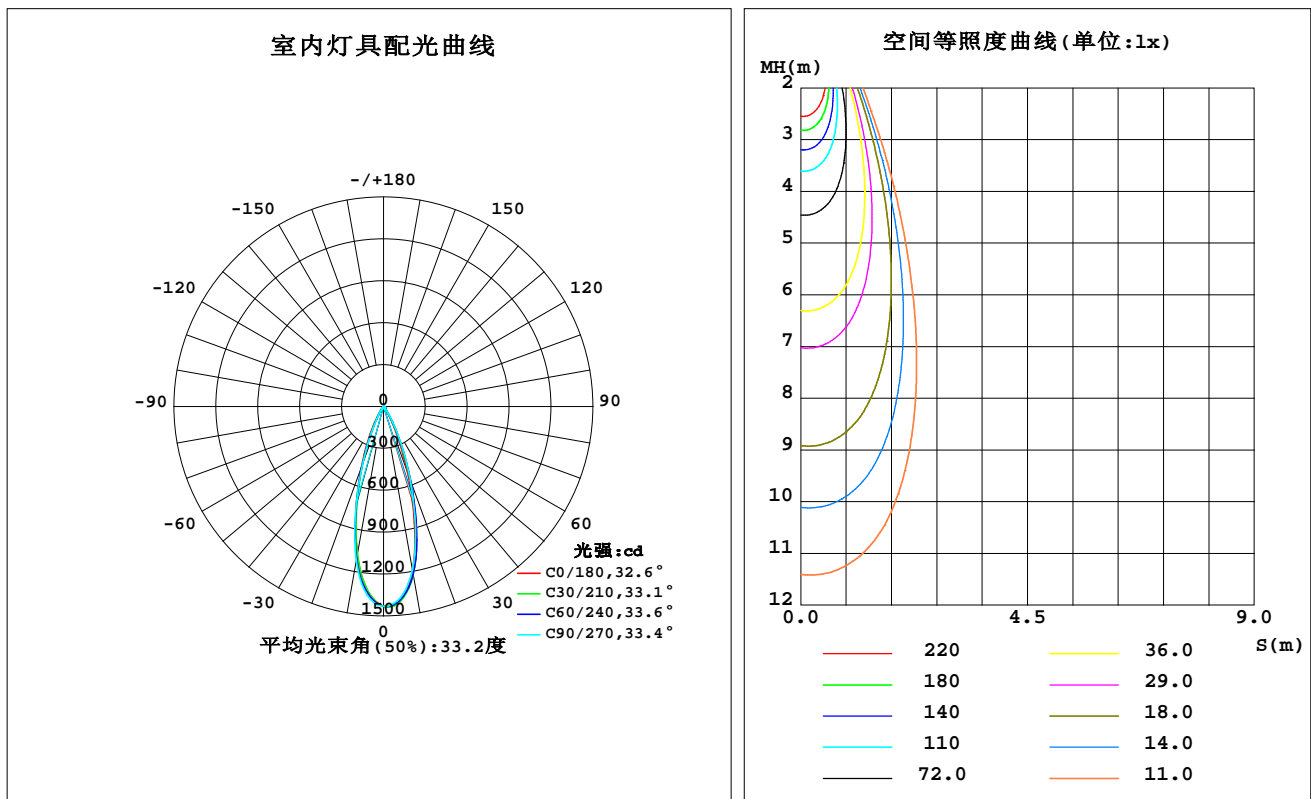
Fig. C90/C270

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-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up

## 室内灯具光度数据

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 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: 73.24 lm/W |
|-----------|-----------|----------|--------|-----------------|----------|----------------|
| 型号        | Brideglux | 峰值光强(cd) | 1437   | S/MH(C0/180)    | 0.52     |                |
| 标称功率(W)   | 7         | 灯具效率(%)  | 82.1   | S/MH(C90/270)   | 0.52     |                |
| 额定电源电压(V) | 48        | 总光通量(lm) | 509.18 | UP,DN(C0-180)   | 0.0,43.3 |                |
| 额定光通量(lm) | 620.3     | CIE分类    | 直接     | UP,DN(C180-360) | 0.0,38.8 |                |
| 灯具内光源数(只) | 1         | 上射光通比(%) | 0.0    | CIBSE SHR NOM   | 0.50     |                |
| 实测电源电压(V) | 48        | 下射光通比(%) | 82.1   | CIBSE SHR MAX   | 0.55     |                |



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: 2025-3-1

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-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up

## 灯具环带光通量

环带光通量:

|       | C0     | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma(^{\circ})$ | 环      | 总     | %lum, lamp |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|-------|------------|
| 10    | 1196   | 1224   | 1191   | 1120   | 1082   | 1093   | 1121   | 1176   | 0- 10              | 123.3  | 123.3 | 24.2, 19.9 |
| 20    | 504.4  | 571.6  | 563.1  | 496.7  | 470.5  | 446.6  | 444.2  | 479.8  | 10- 20             | 223.6  | 346.9 | 68.1, 55.9 |
| 30    | 94.82  | 122.7  | 135.9  | 122.0  | 111.3  | 92.67  | 85.81  | 87.27  | 20- 30             | 119.0  | 465.9 | 91.5, 75.1 |
| 40    | 20.33  | 22.36  | 24.02  | 23.21  | 21.59  | 19.04  | 17.97  | 19.31  | 30- 40             | 30.16  | 496.1 | 97.4, 80   |
| 50    | 6.566  | 7.004  | 7.390  | 7.500  | 7.291  | 6.607  | 6.183  | 6.352  | 40- 50             | 9.892  | 506.0 | 99.4, 81.6 |
| 60    | 1.011  | 1.028  | 1.122  | 1.253  | 1.194  | 1.018  | 0.8869 | 0.9576 | 50- 60             | 2.670  | 508.6 | 99.9, 82   |
| 70    | 0.0733 | 0.1106 | 0.1090 | 0.1425 | 0.1351 | 0.0980 | 0.0544 | 0.0723 | 60- 70             | 0.4946 | 509.1 | 100, 82.1  |
| 80    | 0.0137 | 0.0096 | 0.0164 | 0.0125 | 0.0145 | 0.0090 | 0.0152 | 0.0097 | 70- 80             | 0.0288 | 509.2 | 100, 82.1  |
| 90    | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90             | 0.0056 | 509.2 | 100, 82.1  |
| 100   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100             | 0      | 509.2 | 100, 82.1  |
| 110   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110            | 0      | 509.2 | 100, 82.1  |
| 120   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120            | 0      | 509.2 | 100, 82.1  |
| 130   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130            | 0      | 509.2 | 100, 82.1  |
| 140   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140            | 0      | 509.2 | 100, 82.1  |
| 150   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150            | 0      | 509.2 | 100, 82.1  |
| 160   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160            | 0      | 509.2 | 100, 82.1  |
| 170   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170            | 0      | 509.2 | 100, 82.1  |
| 180   | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180            | 0      | 509.2 | 100, 82.1  |
| 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: 2025-3-1

$\gamma$ 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-1117B 36R  
 NOT DRIVER: 48V  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:47.846V I:0.1453A P:6.9521W 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:

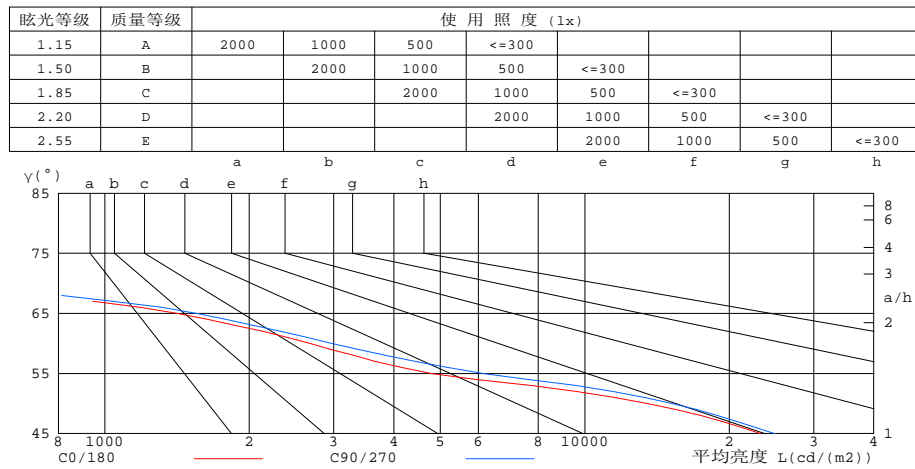
测试编号: 2503010135

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            | 146    | 122     |
| 80            | 104    | 125     |
| 75            | 110    | 125     |
| 70            | 284    | 422     |
| 65            | 1415   | 1552    |
| 60            | 2678   | 2974    |
| 55            | 4798   | 6152    |
| 50            | 13533  | 15244   |
| 45            | 23299  | 24924   |

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: 2025-3-1

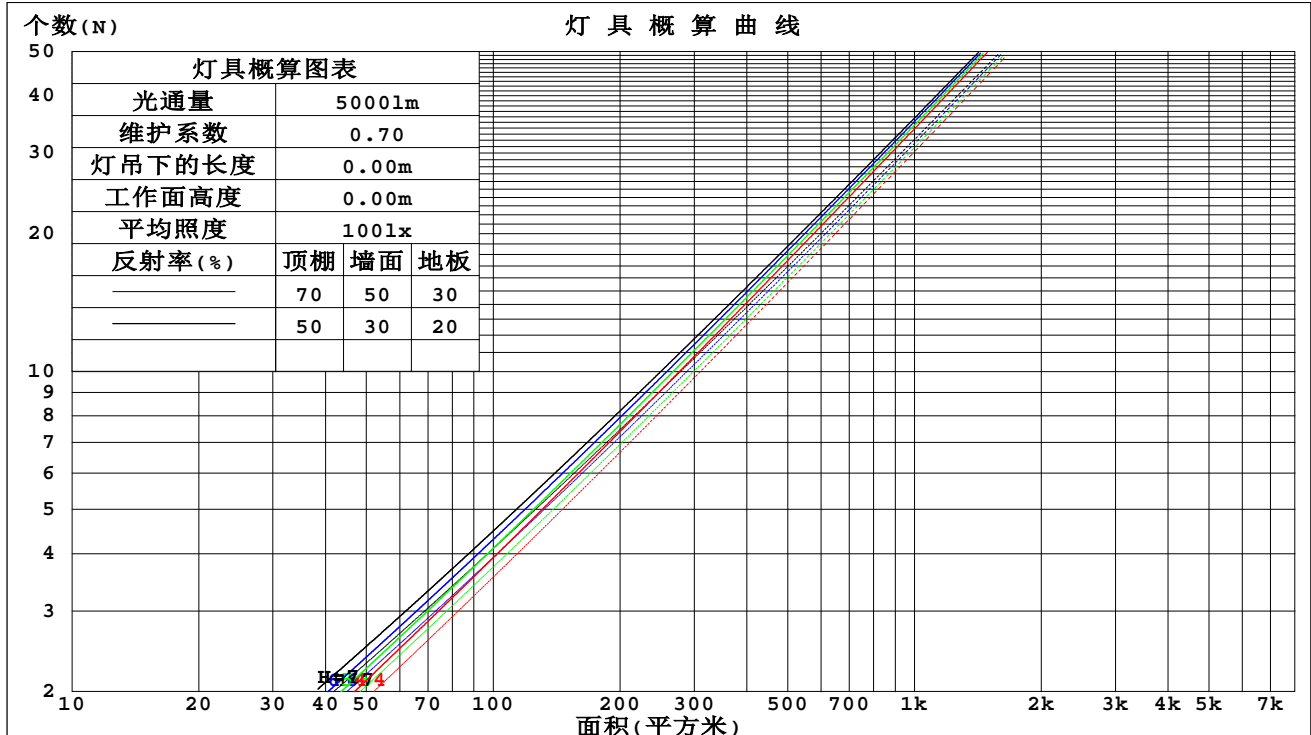
γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:BXRH-30H0600-A-83 Ra:97  
LENS:PM-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up

## 工作面利用系数和灯具概算曲线

实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 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 | 工 作 面 利 用 系 数 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0.0  | .98           | .98 | .98 | .95 | .95 | .95 | .91 | .91 | .91 | .87 | .87 | .87 | .84 | .84 | .84 | .82 |
| 1.0  | .92           | .90 | .89 | .90 | .89 | .88 | .87 | .86 | .85 | .84 | .83 | .82 | .81 | .81 | .80 | .79 |
| 2.0  | .87           | .85 | .82 | .86 | .83 | .81 | .83 | .81 | .80 | .81 | .79 | .78 | .79 | .77 | .76 | .75 |
| 3.0  | .83           | .80 | .77 | .82 | .79 | .76 | .80 | .77 | .75 | .78 | .76 | .74 | .76 | .74 | .73 | .72 |
| 4.0  | .79           | .75 | .73 | .78 | .75 | .72 | .77 | .74 | .71 | .75 | .73 | .71 | .74 | .72 | .70 | .69 |
| 5.0  | .76           | .72 | .69 | .75 | .71 | .69 | .73 | .70 | .68 | .72 | .70 | .68 | .71 | .69 | .67 | .66 |
| 6.0  | .72           | .69 | .66 | .72 | .68 | .66 | .71 | .68 | .65 | .70 | .67 | .65 | .69 | .66 | .64 | .63 |
| 7.0  | .69           | .66 | .63 | .69 | .65 | .63 | .68 | .65 | .62 | .67 | .64 | .62 | .66 | .64 | .62 | .61 |
| 8.0  | .67           | .63 | .60 | .66 | .63 | .60 | .66 | .62 | .60 | .65 | .62 | .60 | .64 | .61 | .60 | .59 |
| 9.0  | .64           | .61 | .58 | .64 | .60 | .58 | .63 | .60 | .58 | .63 | .60 | .58 | .62 | .59 | .57 | .57 |
| 10.0 | .62           | .58 | .56 | .62 | .58 | .56 | .61 | .58 | .56 | .61 | .58 | .56 | .60 | .57 | .55 | .55 |



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: 2025-3-1

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-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up

## 墙面和天花板利用系数

|  |  |  |                                 |  |  |                  |  |  |
|--|--|--|---------------------------------|--|--|------------------|--|--|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |  |  |
| 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  | .122          | .069 | .022 | .117 | .066 | .021 | .106 | .061 | .019 | .097 | .056 | .018 | .088 | .051 | .016 |   |
| 2.0  | .114          | .063 | .019 | .110 | .061 | .019 | .101 | .056 | .018 | .094 | .052 | .016 | .086 | .049 | .015 |   |
| 3.0  | .108          | .057 | .017 | .104 | .056 | .017 | .097 | .052 | .016 | .090 | .049 | .015 | .084 | .046 | .014 |   |
| 4.0  | .102          | .053 | .016 | .098 | .051 | .015 | .092 | .049 | .015 | .087 | .047 | .014 | .081 | .044 | .013 |   |
| 5.0  | .096          | .049 | .014 | .093 | .048 | .014 | .088 | .046 | .014 | .083 | .044 | .013 | .079 | .042 | .013 |   |
| 6.0  | .092          | .046 | .013 | .089 | .045 | .013 | .085 | .043 | .013 | .080 | .042 | .012 | .076 | .040 | .012 |   |
| 7.0  | .087          | .043 | .012 | .085 | .042 | .012 | .081 | .041 | .012 | .078 | .040 | .012 | .074 | .038 | .011 |   |
| 8.0  | .083          | .041 | .011 | .082 | .040 | .011 | .078 | .039 | .011 | .075 | .038 | .011 | .072 | .037 | .011 |   |
| 9.0  | .080          | .039 | .011 | .078 | .038 | .011 | .075 | .037 | .011 | .072 | .036 | .010 | .070 | .035 | .010 |   |
| 10.0 | .077          | .037 | .010 | .075 | .036 | .010 | .073 | .036 | .010 | .070 | .035 | .010 | .067 | .034 | .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  | .156    | .156 | .156 | .134 | .134 | .134 | .091 | .091 | .091 | .052 | .052 | .052 | .017 | .017 | .017 |   |
| 1.0  | .139    | .129 | .121 | .119 | .111 | .104 | .081 | .076 | .072 | .047 | .044 | .042 | .015 | .014 | .014 |   |
| 2.0  | .125    | .109 | .096 | .107 | .094 | .083 | .073 | .065 | .058 | .042 | .038 | .034 | .014 | .012 | .011 |   |
| 3.0  | .113    | .093 | .077 | .097 | .080 | .067 | .067 | .056 | .047 | .038 | .033 | .028 | .012 | .011 | .009 |   |
| 4.0  | .103    | .081 | .063 | .089 | .070 | .055 | .061 | .049 | .039 | .035 | .028 | .023 | .011 | .009 | .008 |   |
| 5.0  | .095    | .071 | .053 | .082 | .061 | .046 | .056 | .043 | .032 | .033 | .025 | .019 | .011 | .008 | .006 |   |
| 6.0  | .088    | .063 | .044 | .076 | .054 | .038 | .052 | .038 | .027 | .030 | .022 | .016 | .010 | .007 | .005 |   |
| 7.0  | .082    | .056 | .038 | .071 | .049 | .033 | .049 | .034 | .023 | .028 | .020 | .014 | .009 | .007 | .005 |   |
| 8.0  | .077    | .051 | .032 | .067 | .044 | .028 | .046 | .031 | .020 | .027 | .018 | .012 | .009 | .006 | .004 |   |
| 9.0  | .073    | .046 | .028 | .063 | .040 | .025 | .044 | .028 | .017 | .025 | .017 | .010 | .008 | .005 | .003 |   |
| 10.0 | .069    | .042 | .025 | .060 | .037 | .022 | .041 | .026 | .015 | .024 | .015 | .009 | .008 | .005 | .003 |   |

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 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: 2025-3-1

γ角度范围: 0度 - 180度  
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 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-1117B 36R  
 NOT DRIVER:48V  
 30minutes warm-up

## UGR(Unified Glare Rating)数据表

|  |     |                      |      |      |                     |      |                    |                  |      |      |      |      |
|--|-----|----------------------|------|------|---------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |      |      |      |      |
| 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  | 16.3                 | 17.1 | 16.6 | 17.2                | 17.4 | 17.6               | 18.3             | 17.8 | 18.5 | 18.6 |      |
|  | 3H  | 16.2                 | 16.9 | 16.4 | 17.1                | 17.3 | 17.4               | 18.1             | 17.7 | 18.3 | 18.5 |      |
|  | 4H  | 16.1                 | 16.8 | 16.4 | 17.0                | 17.2 | 17.3               | 18.0             | 17.6 | 18.2 | 18.4 |      |
|  | 6H  | 16.0                 | 16.6 | 16.3 | 16.9                | 17.1 | 17.3               | 17.9             | 17.5 | 18.1 | 18.3 |      |
|  | 8H  | 16.0                 | 16.6 | 16.3 | 16.8                | 17.1 | 17.2               | 17.8             | 17.5 | 18.0 | 18.3 |      |
|  | 12H | 15.9                 | 16.5 | 16.3 | 16.8                | 17.0 | 17.2               | 17.7             | 17.5 | 18.0 | 18.3 |      |
|  | 4H  | 2H                   | 16.1 | 16.8 | 16.4                | 17.0 | 17.2               | 17.4             | 18.0 | 17.6 | 18.2 | 18.4 |
|  |     | 3H                   | 16.0 | 16.5 | 16.3                | 16.8 | 17.1               | 17.2             | 17.7 | 17.5 | 18.0 | 18.3 |
|  |     | 4H                   | 15.9 | 16.4 | 16.2                | 16.7 | 17.0               | 17.1             | 17.6 | 17.4 | 17.9 | 18.2 |
|  |     | 6H                   | 15.8 | 16.2 | 16.1                | 16.6 | 16.9               | 17.0             | 17.4 | 17.4 | 17.8 | 18.1 |
|  |     | 8H                   | 15.7 | 16.1 | 16.1                | 16.5 | 16.9               | 16.9             | 17.4 | 17.3 | 17.7 | 18.1 |
|  |     | 12H                  | 15.7 | 16.1 | 16.1                | 16.4 | 16.8               | 16.9             | 17.3 | 17.3 | 17.6 | 18.0 |
| 8H   | 4H  | 15.7                 | 16.1 | 16.1 | 16.5                | 16.9 | 16.9               | 17.4             | 17.3 | 17.7 | 18.1 |      |
|  | 6H  | 15.6                 | 16.0 | 16.0 | 16.3                | 16.8 | 16.8               | 17.2             | 17.2 | 17.6 | 18.0 |      |
|  | 8H  | 15.5                 | 15.9 | 16.0 | 16.3                | 16.7 | 16.8               | 17.1             | 17.2 | 17.5 | 17.9 |      |
|  | 12H | 15.5                 | 15.8 | 16.0 | 16.2                | 16.7 | 16.7               | 17.0             | 17.2 | 17.4 | 17.9 |      |
| 12H  | 4H  | 15.7                 | 16.1 | 16.1 | 16.4                | 16.8 | 16.9               | 17.3             | 17.3 | 17.6 | 18.0 |      |
|  | 6H  | 15.5                 | 15.9 | 16.0 | 16.3                | 16.7 | 16.8               | 17.1             | 17.2 | 17.5 | 17.9 |      |
|  | 8H  | 15.5                 | 15.8 | 16.0 | 16.2                | 16.7 | 16.7               | 17.0             | 17.2 | 17.4 | 17.9 |      |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):  |     |                      |      |      |                     |      |                    |                  |      |      |      |      |
| S = 1.0H   |     | + 2.8 / -10.5        |      |      |                     |      | + 3.4 / -10.5      |                  |      |      |      |      |
| 1.5H   |     | + 4.0 / - 8.2        |      |      |                     |      | + 4.8 / - 8.5      |                  |      |      |      |      |
| 2.0H   |     | + 5.7 / - 9.7        |      |      |                     |      | + 5.7 / -10.1      |                  |      |      |      |      |

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: 2025-3-1

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-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up



## UF利用系数表

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

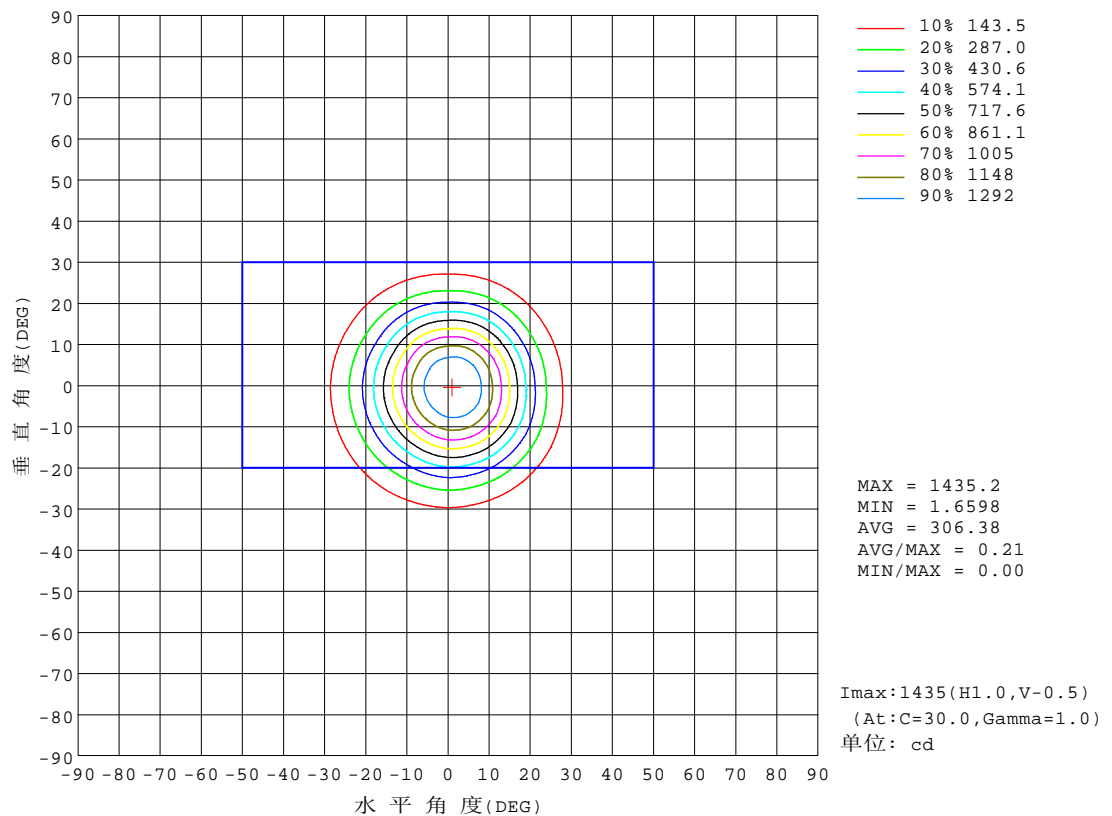
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |        |
| $k = 0.60$                 | 74   | 69  | 66  | 73  | 69  | 66  | 73                  | 69  | 66  | 63     |
| 0.80                       | 80   | 75  | 72  | 79  | 75  | 72  | 78                  | 75  | 72  | 69     |
| 1.00                       | 83   | 79  | 76  | 82  | 78  | 76  | 81                  | 78  | 75  | 72     |
| 1.25                       | 86   | 82  | 79  | 85  | 82  | 79  | 84                  | 81  | 78  | 75     |
| 1.50                       | 88   | 84  | 82  | 87  | 84  | 82  | 85                  | 83  | 81  | 77     |
| 2.00                       | 90   | 87  | 84  | 89  | 86  | 84  | 87                  | 84  | 82  | 78     |
| 2.50                       | 91   | 88  | 86  | 90  | 87  | 85  | 87                  | 85  | 84  | 79     |
| 3.00                       | 92   | 90  | 88  | 91  | 89  | 87  | 88                  | 86  | 85  | 80     |
| 4.00                       | 94   | 92  | 90  | 92  | 90  | 89  | 89                  | 88  | 87  | 81     |
| 5.00                       | 95   | 93  | 92  | 93  | 92  | 90  | 90                  | 89  | 88  | 82     |
| 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: 2025-3-1

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-1117B 36R  
 NOT DRIVER:48V  
 30minutes warm-up

## 灯具等光强曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

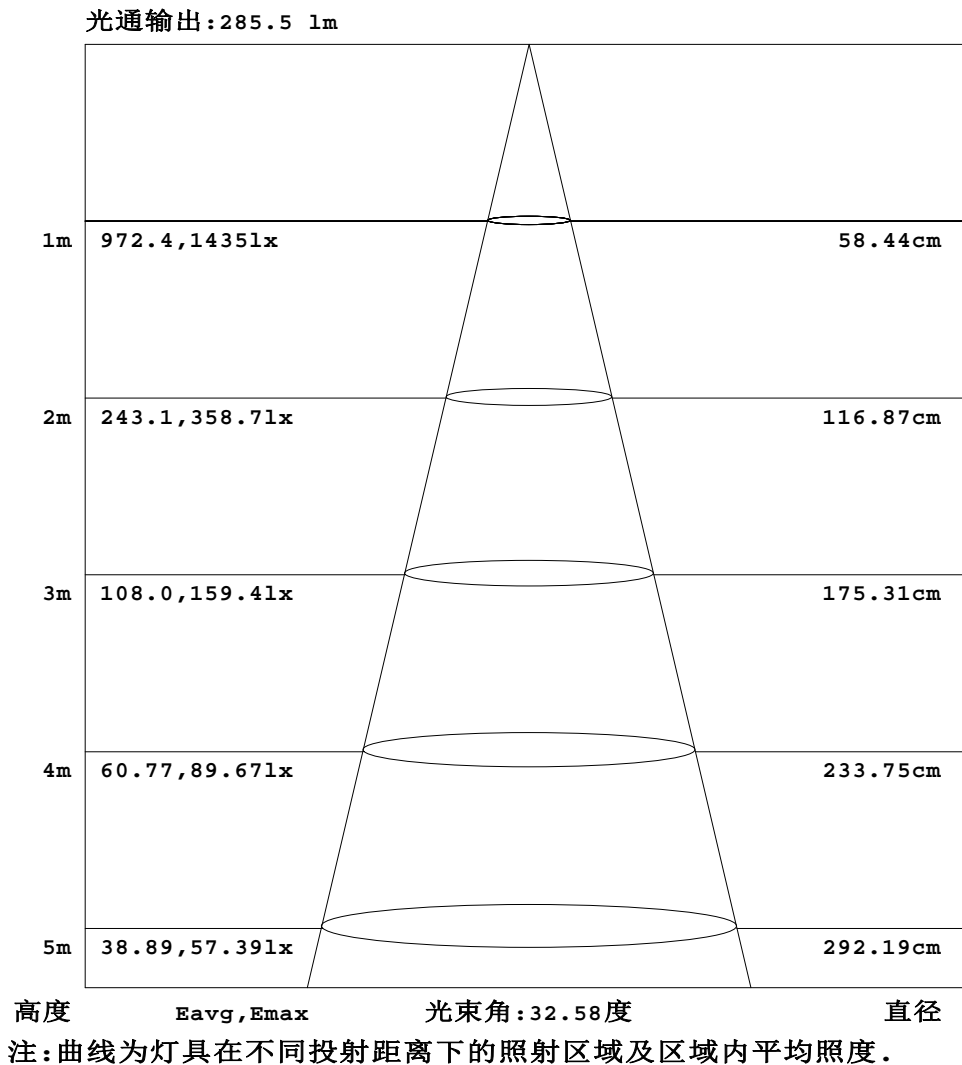


c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2025-3-1

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-1117B 36R  
NOT DRIVER:48V  
30minutes warm-up

## 灯具有效平均照度图

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

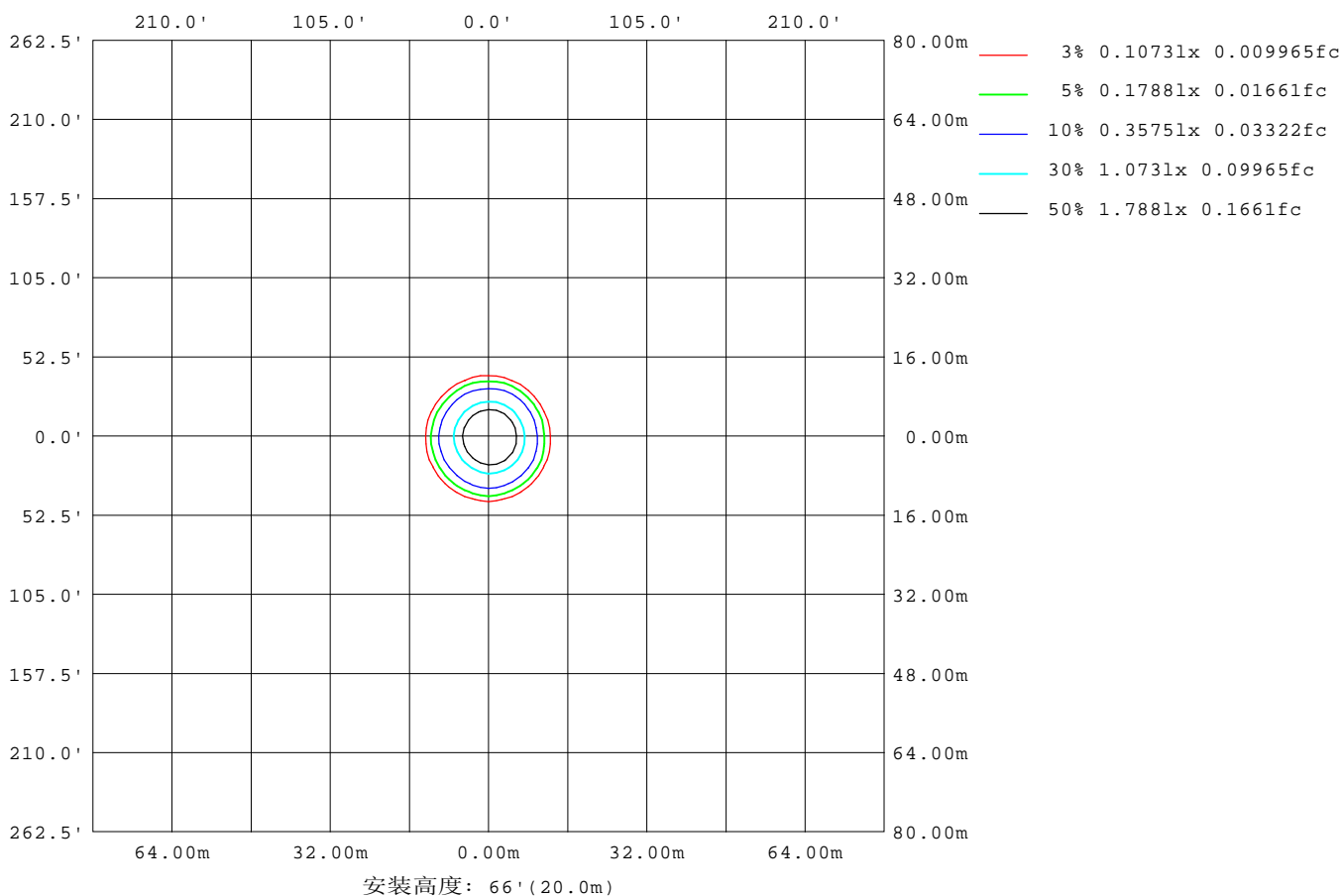


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2025-3-1

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-1117B 36R  
NOT DRIVER: 48V  
30minutes warm-up

## 平面等照度曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 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: 2025-3-1

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-1117B 36R  
 NOT DRIVER: 48V  
 30minutes warm-up

## LED筒灯平均亮度报告

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 制造厂商: RISE   | 发光口面: 0.000754385m <sup>2</sup> | 遮光角:             |

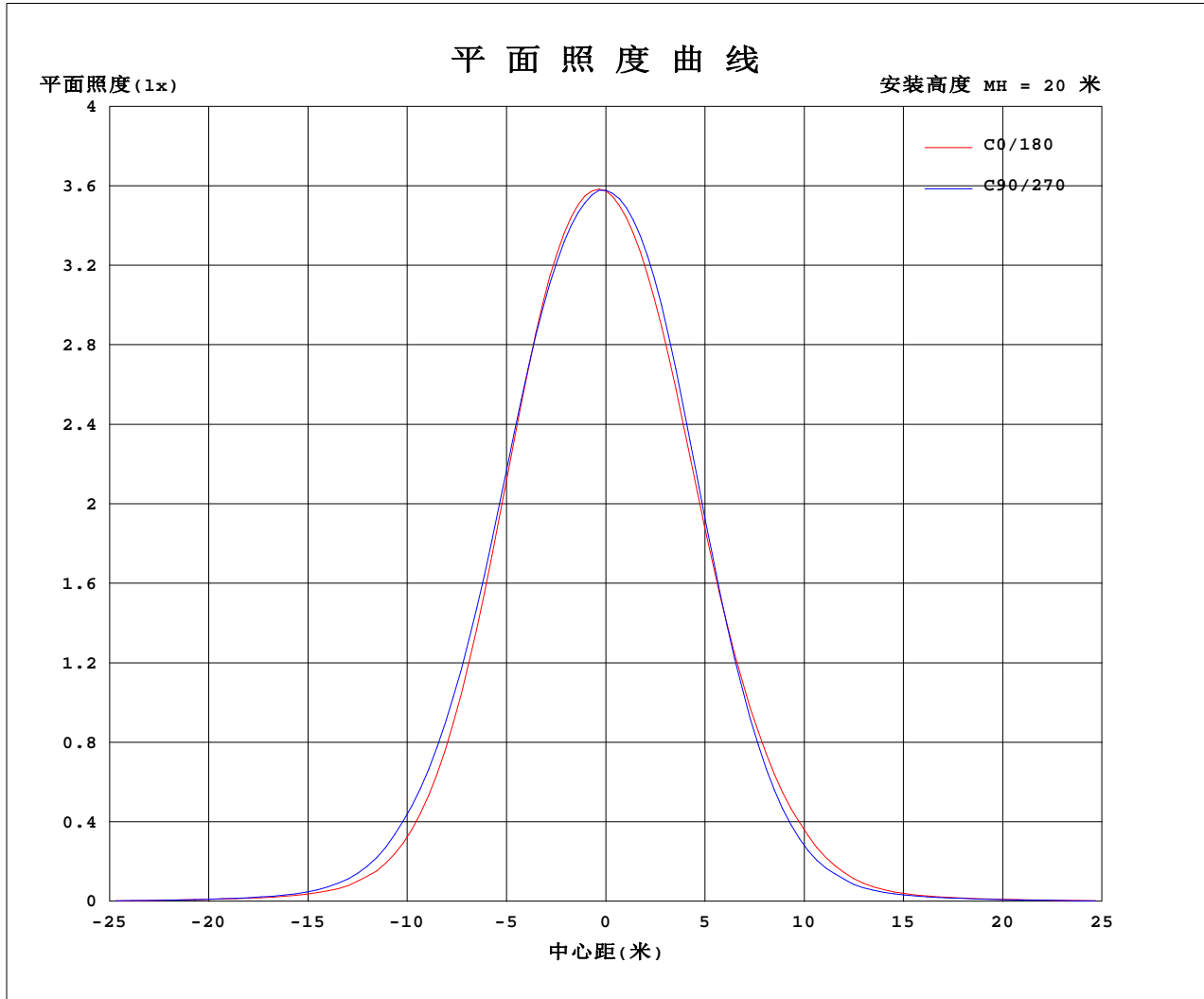
| 平均亮度      | 数值(cd/m <sup>2</sup> ) |
|-----------|------------------------|
| L横(65)av  | 1507                   |
| L横(75)av  | 103                    |
| L横(85)av  | 130                    |
| L纵(65)av  | 1401                   |
| L纵(75)av  | 111                    |
| L纵(85)av  | 118                    |
| L45(65)av | 1463                   |
| L45(75)av | 95                     |
| L45(85)av | 41                     |

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: 2025-3-1

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-1117B 36R  
 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: 2025-3-1

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-1117B 36R  
 NOT DRIVER:48V  
 30minutes warm-up



光 强 分 布 数 据 表 格

|  |                     |                  |
|--|---------------------|------------------|
| 实测参数: U:47.846V I:0.1453A P:6.9521W 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: 2503010135 |
| 制造厂商: RISE   | 发光口面: 0.000754385m2 | 遮光角:             |

|                 |      |      |      |      |      |      |      |      |      |      |      |      |        |  |  |  |  |  |  |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--|--|--|--|--|--|
| 表--1            |      |      |      |      |      |      |      |      |      |      |      |      | 单位: cd |  |  |  |  |  |  |
| C(DEG)<br>(DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |        |  |  |  |  |  |  |
| 0               | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 | 1431 |        |  |  |  |  |  |  |
| 5               | 1393 | 1400 | 1390 | 1376 | 1347 | 1329 | 1323 | 1321 | 1339 | 1354 | 1376 | 1388 |        |  |  |  |  |  |  |
| 10              | 1196 | 1226 | 1222 | 1191 | 1139 | 1100 | 1082 | 1078 | 1109 | 1121 | 1166 | 1185 |        |  |  |  |  |  |  |
| 15              | 858  | 912  | 919  | 885  | 823  | 781  | 761  | 745  | 769  | 776  | 823  | 839  |        |  |  |  |  |  |  |
| 20              | 504  | 565  | 578  | 563  | 511  | 482  | 471  | 444  | 449  | 444  | 478  | 482  |        |  |  |  |  |  |  |
| 25              | 239  | 287  | 303  | 306  | 276  | 258  | 251  | 225  | 222  | 207  | 227  | 221  |        |  |  |  |  |  |  |
| 30              | 94.8 | 117  | 129  | 136  | 127  | 117  | 111  | 95.8 | 89.6 | 85.8 | 86.9 | 87.7 |        |  |  |  |  |  |  |
| 35              | 39.2 | 45.1 | 50.3 | 53.4 | 50.9 | 47.4 | 43.6 | 38.0 | 35.8 | 34.0 | 34.9 | 36.2 |        |  |  |  |  |  |  |
| 40              | 20.3 | 21.6 | 23.1 | 24.0 | 23.6 | 22.8 | 21.6 | 19.1 | 19.0 | 18.0 | 19.2 | 19.4 |        |  |  |  |  |  |  |
| 45              | 12.4 | 12.8 | 13.3 | 13.3 | 13.5 | 13.2 | 12.5 | 12.1 | 11.7 | 11.4 | 11.7 | 12.1 |        |  |  |  |  |  |  |
| 50              | 6.57 | 6.89 | 7.12 | 7.39 | 7.49 | 7.51 | 7.29 | 6.79 | 6.43 | 6.18 | 6.32 | 6.38 |        |  |  |  |  |  |  |
| 55              | 2.08 | 2.21 | 2.38 | 2.66 | 2.81 | 2.96 | 2.86 | 2.40 | 2.20 | 2.02 | 1.98 | 2.02 |        |  |  |  |  |  |  |
| 60              | 1.01 | 1.02 | 1.04 | 1.12 | 1.22 | 1.29 | 1.19 | 1.05 | 0.99 | 0.89 | 0.93 | 0.98 |        |  |  |  |  |  |  |
| 65              | 0.45 | 0.47 | 0.46 | 0.49 | 0.50 | 0.55 | 0.51 | 0.46 | 0.42 | 0.40 | 0.42 | 0.45 |        |  |  |  |  |  |  |
| 70              | 0.07 | 0.11 | 0.11 | 0.11 | 0.13 | 0.15 | 0.14 | 0.10 | 0.09 | 0.05 | 0.08 | 0.07 |        |  |  |  |  |  |  |
| 75              | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |        |  |  |  |  |  |  |
| 80              | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 |        |  |  |  |  |  |  |
| 85              | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 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: 2025-3-1

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-1117B 36R  
NOT DRIVER: 48V  
30minutes warm-up