

## 燈 具 實 物 照 片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 80.8%   |                          |
| Luminaire Power:    | 18.54 W |                          |
| SHR Nominal:        | 0.75    | Calculated using the TM5 |
| SHR Maximum:        | 0.80    | fine grid method.        |

C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2024-12-7

Y角度范围: 0度 - 180度  
 Y角度间隔: 1.0度  
 测试系统: 远方(EVERFINE)GO-SPEX500\_V1 系统 V2.00.461  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G20TH-C-8X Ra:90  
 LENS: 55R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 30minutes warm-up

## 灯具配光曲线及特征面照片

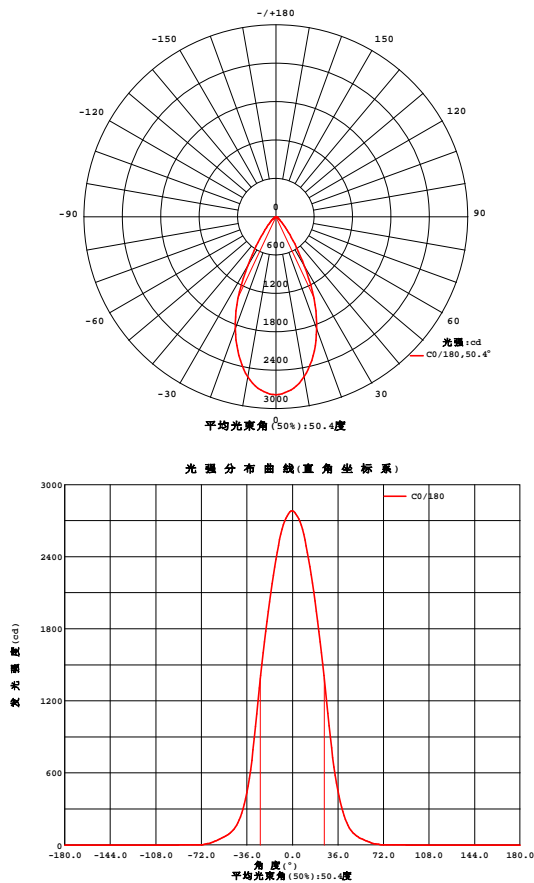


Fig. C0/C180

C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

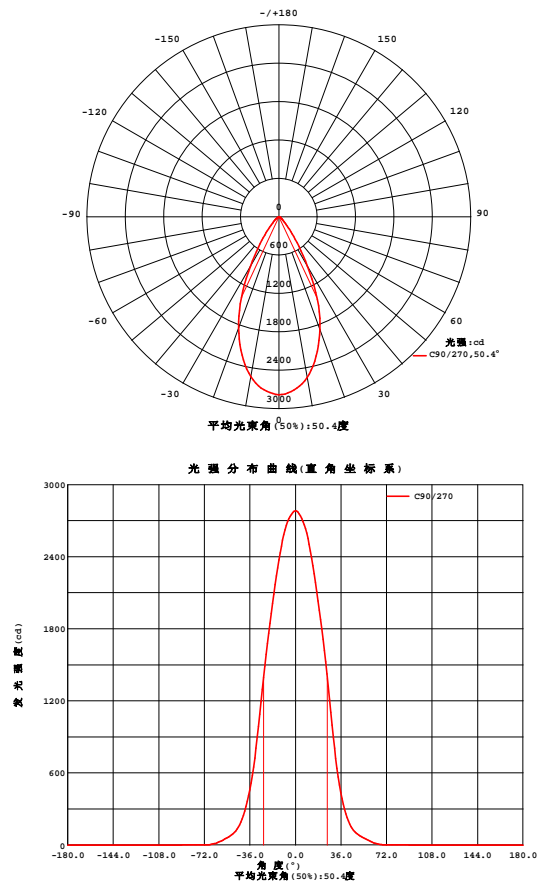


Fig. C90/C270

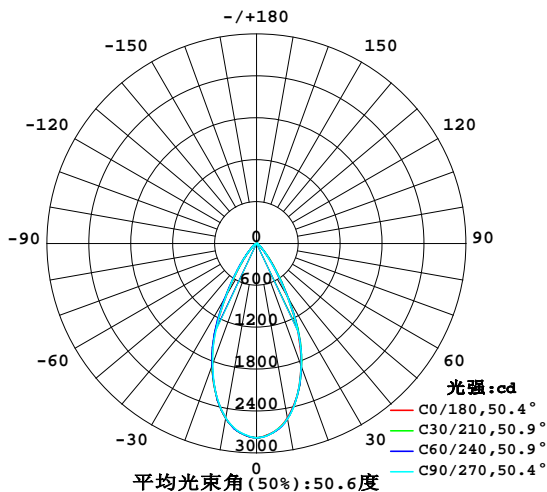
Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## 室内灯具光度数据

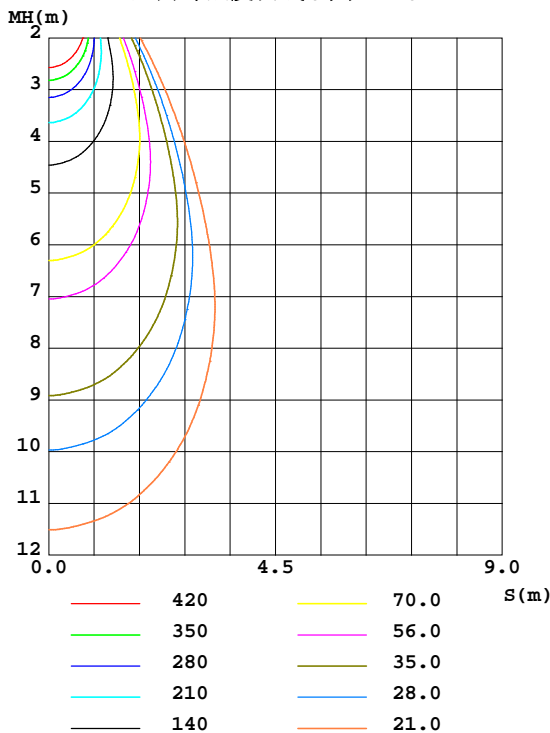
|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <sup>2</sup> | 遮光角:             |

| 光源数据      |           | 光度数据     |        |                   |          | 光效: 108.98 lm/W |
|-----------|-----------|----------|--------|-------------------|----------|-----------------|
| 型号        | Bridgelux | 峰值光强(cd) | 2780   | S/MH(C0/180)      | 0.77     |                 |
| 标称功率(W)   | 18        | 灯具效率(%)  | 80.8   | S/MH(C90/270)     | 0.77     |                 |
| 额定电源电压(V) | 220       | 总光通量(lm) | 2020.9 | η UP,DN(C0-180)   | 0.0,40.5 |                 |
| 额定光通量(lm) | 2502.14   | CIE分类    | 直接     | η UP,DN(C180-360) | 0.0,40.3 |                 |
| 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) | 220       | 下射光通比(%) | 80.8   | CIBSE SHR MAX     | 0.80     |                 |

室内灯具配光曲线



空间等照度曲线(单位:lx)



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:BXRE-30G20TH-C-8X Ra:90  
LENS:55R  
DRIVER: BK-PSL042-A1100AS 500mA

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       | 2538   | 2550   | 2552   | 2544   | 2542   | 2542   | 2538   | 2531   | 0- 10              | 253.9  | 253.9 | 12.6, 10.1 |
| 20       | 1863   | 1882   | 1876   | 1859   | 1860   | 1863   | 1844   | 1840   | 10- 20             | 622.1  | 876.0 | 43.3, 35   |
| 30       | 899.9  | 928.2  | 897.7  | 875.9  | 887.1  | 918.6  | 896.5  | 872.8  | 20- 30             | 632.6  | 1509  | 74.6, 60.3 |
| 40       | 277.8  | 276.7  | 259.3  | 270.7  | 265.3  | 280.5  | 281.6  | 278.0  | 30- 40             | 328.8  | 1837  | 90.9, 73.4 |
| 50       | 81.27  | 82.97  | 83.21  | 94.37  | 92.17  | 85.53  | 86.53  | 84.27  | 40- 50             | 120.5  | 1958  | 96.9, 78.2 |
| 60       | 28.34  | 28.63  | 27.80  | 36.05  | 37.14  | 31.20  | 26.82  | 28.93  | 50- 60             | 49.94  | 2008  | 99.4, 80.2 |
| 70       | 2.013  | 1.396  | 0.3622 | 2.056  | 2.916  | 1.374  | 0.1051 | 1.163  | 60- 70             | 12.82  | 2021  | 100, 80.8  |
| 80       | 0.0701 | 0.0598 | 0.0793 | 0.0630 | 0.0620 | 0.0515 | 0.0658 | 0.0464 | 70- 80             | 0.1988 | 2021  | 100, 80.8  |
| 90       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90             | 0.0506 | 2021  | 100, 80.8  |
| 100      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100             | 0      | 2021  | 100, 80.8  |
| 110      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110            | 0      | 2021  | 100, 80.8  |
| 120      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120            | 0      | 2021  | 100, 80.8  |
| 130      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130            | 0      | 2021  | 100, 80.8  |
| 140      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140            | 0      | 2021  | 100, 80.8  |
| 150      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150            | 0      | 2021  | 100, 80.8  |
| 160      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160            | 0      | 2021  | 100, 80.8  |
| 170      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170            | 0      | 2021  | 100, 80.8  |
| 180      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180            | 0      | 2021  | 100, 80.8  |
| 单位: °    | 光强: cd |        |        |        |        |        |        |        |                    | 单位: lm |       |            |

C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2024-12-7

$\gamma$ 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-30G20TH-C-8X Ra: 90  
 LENS: 55R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz  
实检光通: 2502.14x1 lm

灯具名称: 2418.139

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

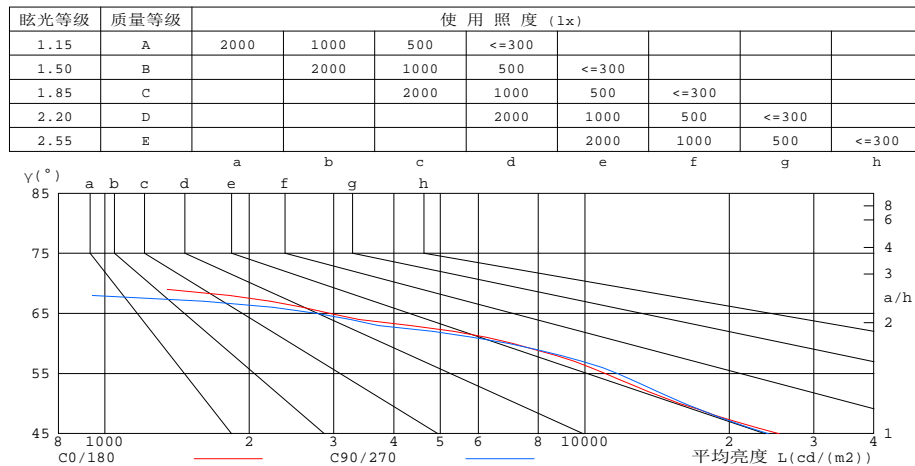
测试编号: 2412071452

制造厂商: RISE

发光口面: 0.008007785m<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            | 91     | 83      |
| 80            | 50     | 57      |
| 75            | 44     | 59      |
| 70            | 735    | 132     |
| 65            | 2945   | 2764    |
| 60            | 7080   | 6943    |
| 55            | 11035  | 11699   |
| 50            | 15792  | 16165   |
| 45            | 25396  | 24140   |

c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA

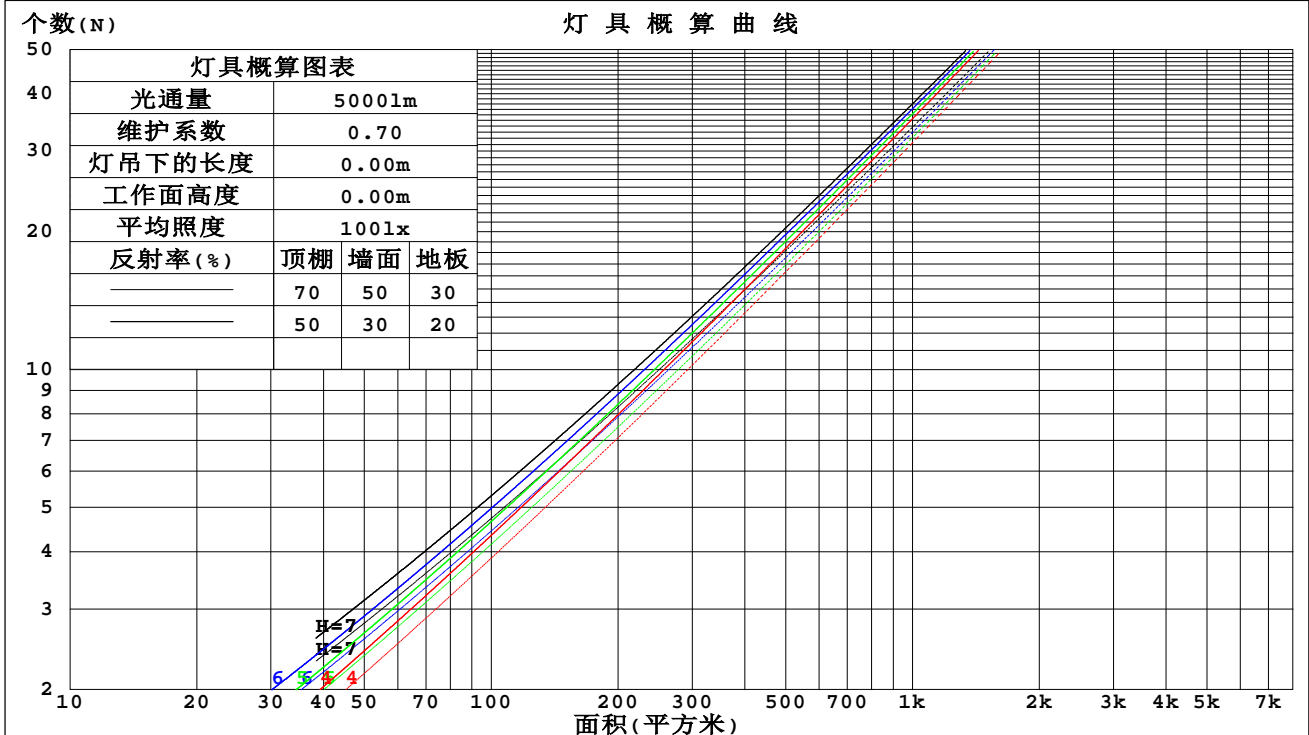
30minutes warm-up

## 工作面利用系数和灯具概算曲线

实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz  
实检光通: 2502.14x1 lm

|                |                                 |                  |
|----------------|---------------------------------|------------------|
| 灯具名称: 2418.139 | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K    | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE     | 发光口面: 0.008007785m <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  | .96           | .96 | .96 | .94 | .94 | .94 | .90 | .90 | .90 | .86 | .86 | .86 | .82 | .82 | .82 | .81 |
| 1.0  | .90           | .88 | .86 | .88 | .86 | .84 | .85 | .83 | .82 | .82 | .80 | .79 | .79 | .78 | .77 | .76 |
| 2.0  | .83           | .80 | .78 | .82 | .79 | .77 | .79 | .77 | .75 | .77 | .75 | .73 | .75 | .73 | .72 | .71 |
| 3.0  | .78           | .74 | .71 | .77 | .73 | .70 | .75 | .72 | .69 | .73 | .70 | .68 | .71 | .69 | .67 | .66 |
| 4.0  | .73           | .69 | .65 | .72 | .68 | .65 | .70 | .67 | .64 | .69 | .66 | .63 | .67 | .65 | .63 | .61 |
| 5.0  | .69           | .64 | .61 | .68 | .63 | .60 | .66 | .63 | .60 | .65 | .62 | .59 | .64 | .61 | .59 | .58 |
| 6.0  | .65           | .60 | .56 | .64 | .59 | .56 | .63 | .59 | .56 | .62 | .58 | .55 | .60 | .57 | .55 | .54 |
| 7.0  | .61           | .56 | .53 | .60 | .56 | .53 | .59 | .55 | .52 | .58 | .55 | .52 | .57 | .54 | .52 | .51 |
| 8.0  | .58           | .53 | .50 | .57 | .53 | .50 | .56 | .52 | .49 | .55 | .52 | .49 | .55 | .51 | .49 | .48 |
| 9.0  | .55           | .50 | .47 | .54 | .50 | .47 | .53 | .49 | .47 | .53 | .49 | .46 | .52 | .49 | .46 | .45 |
| 10.0 | .52           | .47 | .44 | .51 | .47 | .44 | .51 | .47 | .44 | .50 | .46 | .44 | .50 | .46 | .44 | .43 |



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

## 墙面和天花板利用系数

|  |  |  |                                 |  |                  |
|--|--|--|---------------------------------|--|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |  |  |                                 |  |                  |
| 灯具名称: 2418.139   |  |  | 灯具类型:                           |  | 灯具重量:            |
| 灯具规格: 3000K  |  |  | 外型尺寸:                           |  | 测试编号: 2412071452 |
| 制造厂商: RISE   |  |  | 发光口面: 0.008007785m <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  | .141          | .080 | .025 | .136 | .078 | .025 | .126 | .072 | .023 | .116 | .067 | .022 | .108 | .063 | .020 |   |
| 2.0  | .136          | .074 | .023 | .131 | .072 | .022 | .122 | .068 | .021 | .115 | .064 | .020 | .107 | .061 | .019 |   |
| 3.0  | .129          | .069 | .021 | .125 | .067 | .020 | .118 | .064 | .019 | .111 | .061 | .019 | .105 | .058 | .018 |   |
| 4.0  | .123          | .064 | .019 | .120 | .063 | .019 | .113 | .060 | .018 | .108 | .058 | .017 | .102 | .055 | .017 |   |
| 5.0  | .117          | .060 | .017 | .114 | .059 | .017 | .109 | .057 | .017 | .104 | .055 | .016 | .099 | .053 | .016 |   |
| 6.0  | .112          | .056 | .016 | .109 | .055 | .016 | .104 | .053 | .016 | .100 | .052 | .015 | .096 | .050 | .015 |   |
| 7.0  | .107          | .053 | .015 | .104 | .052 | .015 | .100 | .051 | .015 | .096 | .049 | .014 | .092 | .048 | .014 |   |
| 8.0  | .102          | .050 | .014 | .100 | .049 | .014 | .096 | .048 | .014 | .093 | .047 | .014 | .089 | .046 | .013 |   |
| 9.0  | .098          | .047 | .013 | .096 | .047 | .013 | .092 | .046 | .013 | .089 | .045 | .013 | .086 | .044 | .013 |   |
| 10.0 | .094          | .045 | .012 | .092 | .044 | .012 | .089 | .044 | .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  | .154    | .154 | .154 | .131 | .131 | .131 | .090 | .090 | .090 | .052 | .052 | .052 | .016 | .016 | .016 |   |
| 1.0  | .138    | .127 | .117 | .118 | .109 | .101 | .081 | .075 | .070 | .047 | .043 | .041 | .015 | .014 | .013 |   |
| 2.0  | .126    | .107 | .091 | .108 | .092 | .079 | .074 | .064 | .055 | .043 | .037 | .032 | .014 | .012 | .011 |   |
| 3.0  | .116    | .092 | .073 | .099 | .079 | .063 | .068 | .055 | .044 | .039 | .032 | .026 | .013 | .010 | .009 |   |
| 4.0  | .107    | .080 | .059 | .092 | .069 | .051 | .063 | .048 | .036 | .037 | .028 | .021 | .012 | .009 | .007 |   |
| 5.0  | .100    | .070 | .048 | .086 | .061 | .042 | .059 | .043 | .030 | .034 | .025 | .018 | .011 | .008 | .006 |   |
| 6.0  | .094    | .063 | .040 | .081 | .054 | .035 | .056 | .038 | .025 | .032 | .022 | .015 | .010 | .007 | .005 |   |
| 7.0  | .089    | .057 | .034 | .077 | .049 | .030 | .053 | .035 | .021 | .031 | .020 | .013 | .010 | .007 | .004 |   |
| 8.0  | .084    | .052 | .029 | .073 | .045 | .026 | .050 | .031 | .018 | .029 | .019 | .011 | .009 | .006 | .004 |   |
| 9.0  | .080    | .048 | .025 | .069 | .041 | .022 | .048 | .029 | .016 | .028 | .017 | .009 | .009 | .006 | .003 |   |
| 10.0 | .077    | .044 | .022 | .066 | .038 | .019 | .046 | .027 | .014 | .027 | .016 | .008 | .009 | .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: 2024-12-7

γ角度范围: 0度 - 180度  
 γ角度间隔: 1.0度  
 测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP:BXRE-30G20TH-C-8X Ra:90  
 LENS:55R  
 DRIVER: BK-PSL042-A1100AS 500mA

30minutes warm-up

UGR(Unified Glare Rating)数据表

|  |     |                      |      |      |                    |      |                    |                 |      |      |      |      |
|--|-----|----------------------|------|------|--------------------|------|--------------------|-----------------|------|------|------|------|
| 实测参数：U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通：2502.14x1 lm |     |                      |      |      |                    |      |                    |                 |      |      |      |      |
| 灯具名称：2418.139  |     |                      |      |      | 灯具类型：              |      |                    | 灯具重量：           |      |      |      |      |
| 灯具规格：3000K   |     |                      |      |      | 外型尺寸：              |      |                    | 测试编号：2412071452 |      |      |      |      |
| 制造厂商：RISE  |     |                      |      |      | 发光口面：0.008007785m2 |      |                    | 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  | 15.9                 | 16.8 | 16.1 | 17.0               | 17.1 | 15.6               | 16.6            | 15.9 | 16.7 | 16.9 |      |
|  | 3H  | 15.7                 | 16.6 | 16.0 | 16.8               | 17.0 | 15.5               | 16.3            | 15.7 | 16.5 | 16.7 |      |
|  | 4H  | 15.6                 | 16.4 | 15.9 | 16.7               | 16.9 | 15.4               | 16.2            | 15.7 | 16.4 | 16.7 |      |
|  | 6H  | 15.5                 | 16.3 | 15.8 | 16.5               | 16.8 | 15.3               | 16.1            | 15.6 | 16.3 | 16.6 |      |
|  | 8H  | 15.5                 | 16.2 | 15.8 | 16.5               | 16.7 | 15.3               | 16.0            | 15.6 | 16.3 | 16.5 |      |
|  | 12H | 15.4                 | 16.1 | 15.8 | 16.4               | 16.7 | 15.2               | 15.9            | 15.5 | 16.2 | 16.5 |      |
|  | 4H  | 2H                   | 15.7 | 16.5 | 16.0               | 16.7 | 16.9               | 15.5            | 16.3 | 15.7 | 16.5 | 16.7 |
|  | 3H  | 15.5                 | 16.2 | 15.8 | 16.5               | 16.8 | 15.3               | 16.0            | 15.6 | 16.3 | 16.5 |      |
|  | 4H  | 15.4                 | 16.1 | 15.8 | 16.4               | 16.7 | 15.2               | 15.8            | 15.6 | 16.1 | 16.4 |      |
|  | 6H  | 15.3                 | 15.9 | 15.7 | 16.2               | 16.6 | 15.1               | 15.7            | 15.5 | 16.0 | 16.3 |      |
|  | 8H  | 15.3                 | 15.8 | 15.7 | 16.2               | 16.5 | 15.1               | 15.6            | 15.5 | 15.9 | 16.3 |      |
|  | 12H | 15.2                 | 15.7 | 15.6 | 16.1               | 16.5 | 15.0               | 15.5            | 15.4 | 15.9 | 16.2 |      |
| 8H   | 4H  | 15.3                 | 15.8 | 15.7 | 16.2               | 16.5 | 15.1               | 15.6            | 15.5 | 15.9 | 16.3 |      |
|  | 6H  | 15.2                 | 15.6 | 15.6 | 16.0               | 16.4 | 15.0               | 15.4            | 15.4 | 15.8 | 16.2 |      |
|  | 8H  | 15.1                 | 15.5 | 15.6 | 15.9               | 16.4 | 14.9               | 15.3            | 15.4 | 15.7 | 16.1 |      |
|  | 12H | 15.1                 | 15.4 | 15.5 | 15.8               | 16.3 | 14.9               | 15.2            | 15.3 | 15.6 | 16.1 |      |
| 12H  | 4H  | 15.2                 | 15.7 | 15.6 | 16.1               | 16.5 | 15.0               | 15.5            | 15.4 | 15.9 | 16.2 |      |
|  | 6H  | 15.1                 | 15.5 | 15.6 | 15.9               | 16.4 | 14.9               | 15.3            | 15.4 | 15.7 | 16.1 |      |
|  | 8H  | 15.1                 | 15.4 | 15.5 | 15.8               | 16.3 | 14.9               | 15.2            | 15.3 | 15.6 | 16.1 |      |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):  |     |                      |      |      |                    |      |                    |                 |      |      |      |      |
| S = 1.0H   |     | + 2.6 / - 5.9        |      |      |                    |      | + 2.6 / - 5.6      |                 |      |      |      |      |
| 1.5H   |     | + 4.2 / - 3.7        |      |      |                    |      | + 4.1 / - 3.5      |                 |      |      |      |      |
| 2.0H   |     | + 4.1 / - 6.5        |      |      |                    |      | + 3.9 / - 7.2      |                 |      |      |      |      |

依据CIE Pub.117计算, 2502lm光源光通表格中的数据需要进行修正( $81\log(F/F_0) = 3.2$ )。  
出光口面积: 0.00800779 m2

C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## UF利用系数表

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <sup>2</sup> | 遮光角:             |

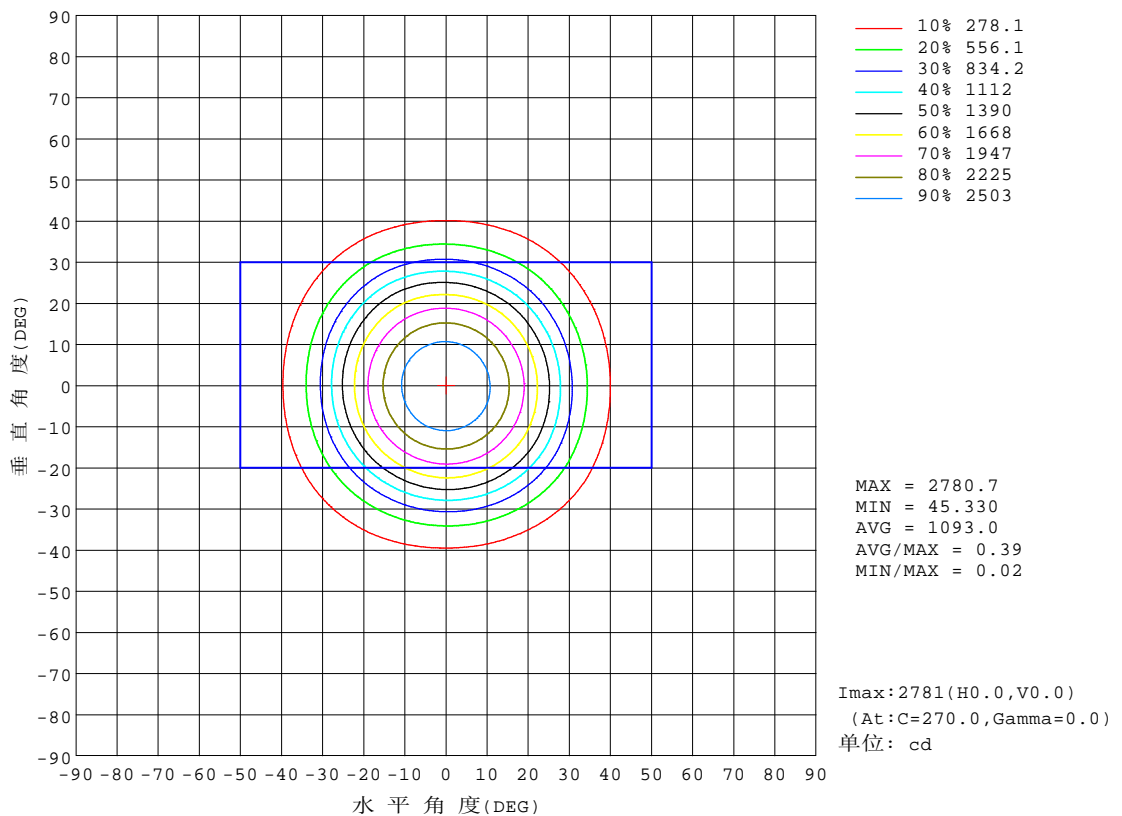
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |        |
| $k = 0.60$                 | 69   | 64  | 61  | 69  | 64  | 61  | 68                  | 63  | 60  | 57     |
| 0.80                       | 75   | 71  | 67  | 75  | 70  | 67  | 74                  | 70  | 67  | 64     |
| 1.00                       | 79   | 75  | 72  | 79  | 74  | 71  | 77                  | 74  | 71  | 68     |
| 1.25                       | 83   | 78  | 76  | 82  | 78  | 75  | 80                  | 77  | 75  | 71     |
| 1.50                       | 85   | 81  | 78  | 84  | 81  | 78  | 82                  | 79  | 77  | 73     |
| 2.00                       | 87   | 84  | 81  | 86  | 83  | 81  | 84                  | 82  | 80  | 75     |
| 2.50                       | 89   | 86  | 83  | 88  | 85  | 82  | 85                  | 83  | 81  | 76     |
| 3.00                       | 90   | 87  | 85  | 89  | 86  | 84  | 86                  | 84  | 82  | 77     |
| 4.00                       | 92   | 89  | 88  | 90  | 88  | 87  | 87                  | 86  | 84  | 79     |
| 5.00                       | 93   | 91  | 89  | 91  | 89  | 88  | 88                  | 87  | 86  | 79     |
| ROOM INDEX                 | UF(总)  |     |     |     |     |     |                     |     |     | UF(直接) |
| 依据标准文件 DIN EN 13032-2 2004 |  |     | 悬挂灯 |     |     |     | 安装距高比 SHRNOM = 1.25 |     |     |        |

C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2024-12-7

γ角度范围: 0度 - 180度  
 γ角度间隔: 1.0度  
 测试系统: 远方(EVERFINE)GO-SPEX500\_V1 系统 V2.00.461  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G20TH-C-8X Ra:90  
 LENS: 55R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 30minutes warm-up

## 灯具等光强曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <sup>2</sup> | 遮光角:             |



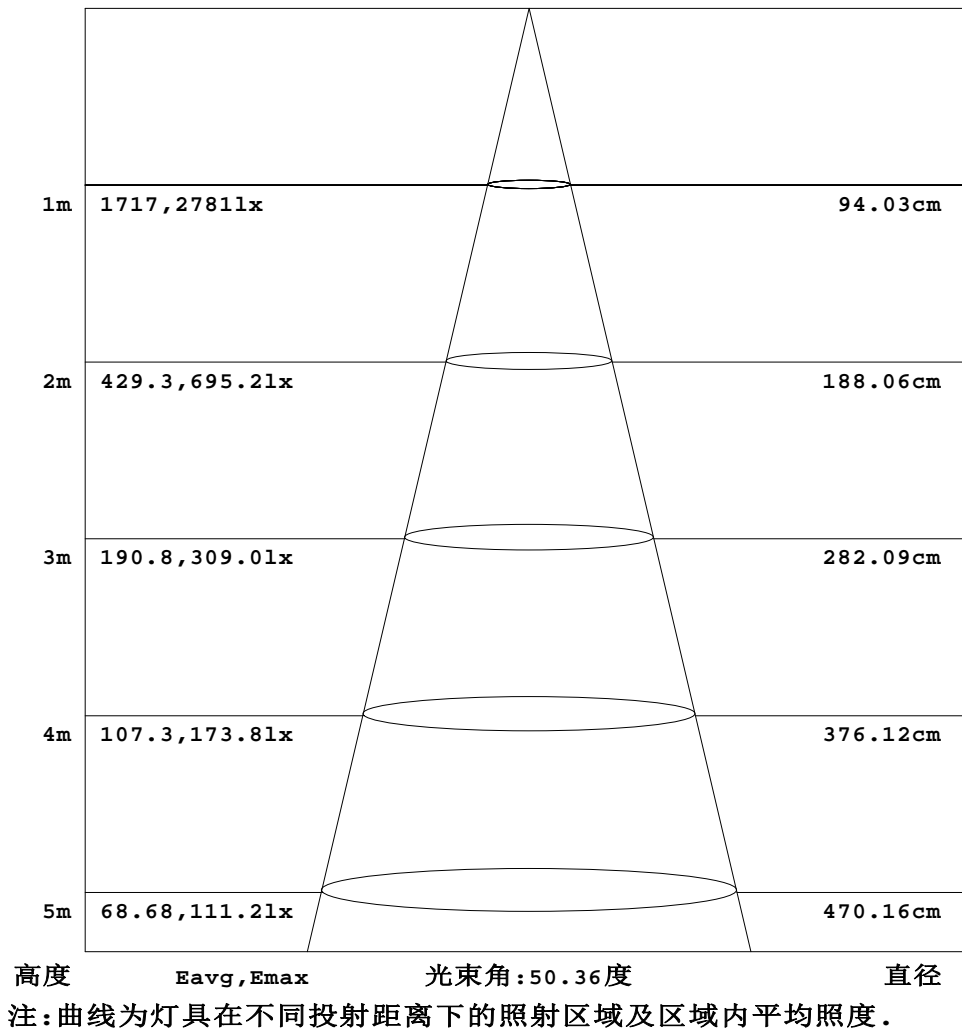
c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## 灯具有效平均照度图

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <sup>2</sup> | 遮光角:             |

光通输出:1283 lm

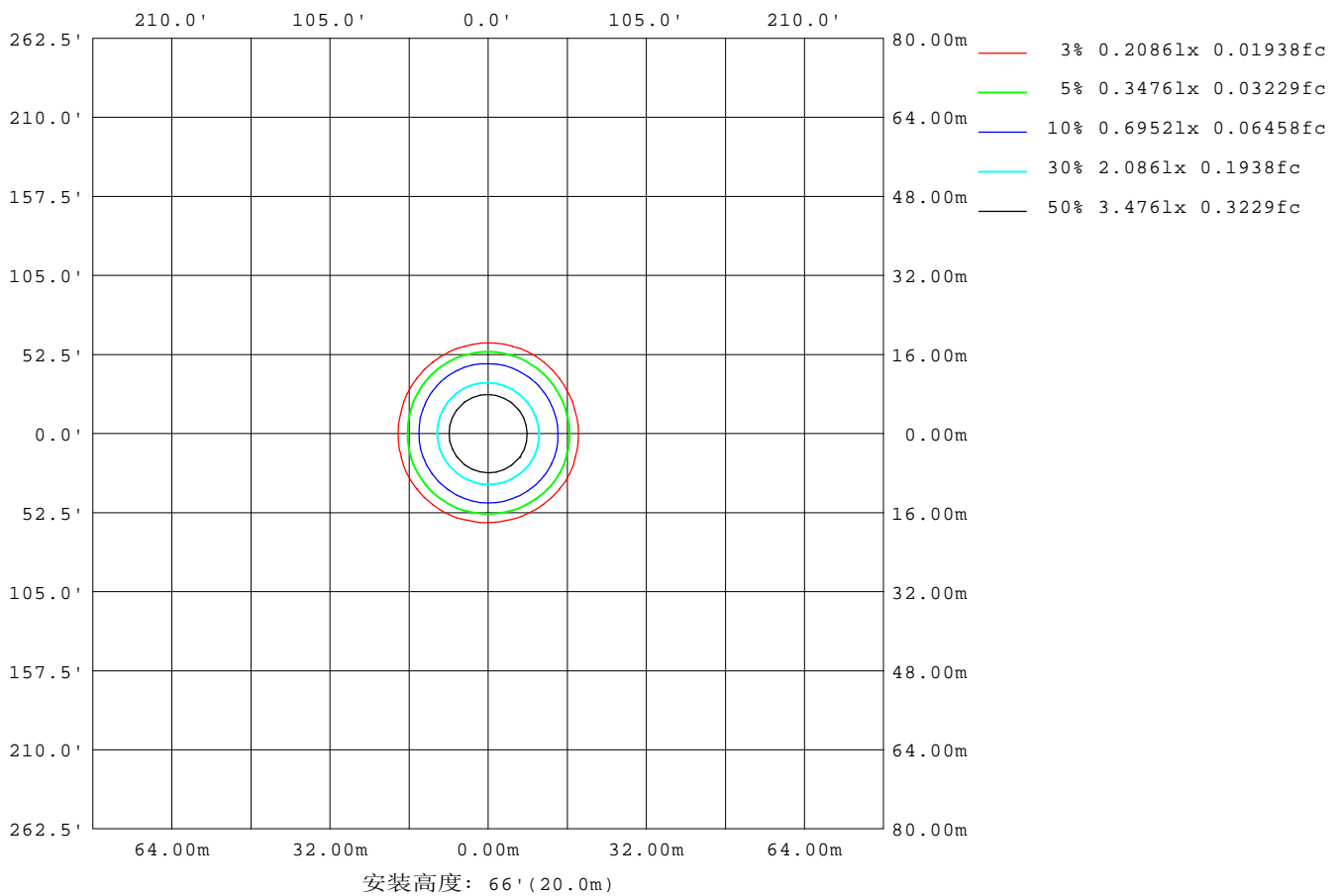


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-12-7

Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up

## 平面等照度曲线

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <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: 2024-12-7

Y角度范围: 0度 - 180度  
 Y角度间隔: 1.0度  
 测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G20TH-C-8X Ra:90  
 LENS: 55R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 30minutes warm-up

## LED筒灯平均亮度报告

|  |                                 |                  |
|--|---------------------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                                 |                  |
| 灯具名称: 2418.139   | 灯具类型:                           | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                           | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m <sup>2</sup> | 遮光角:             |

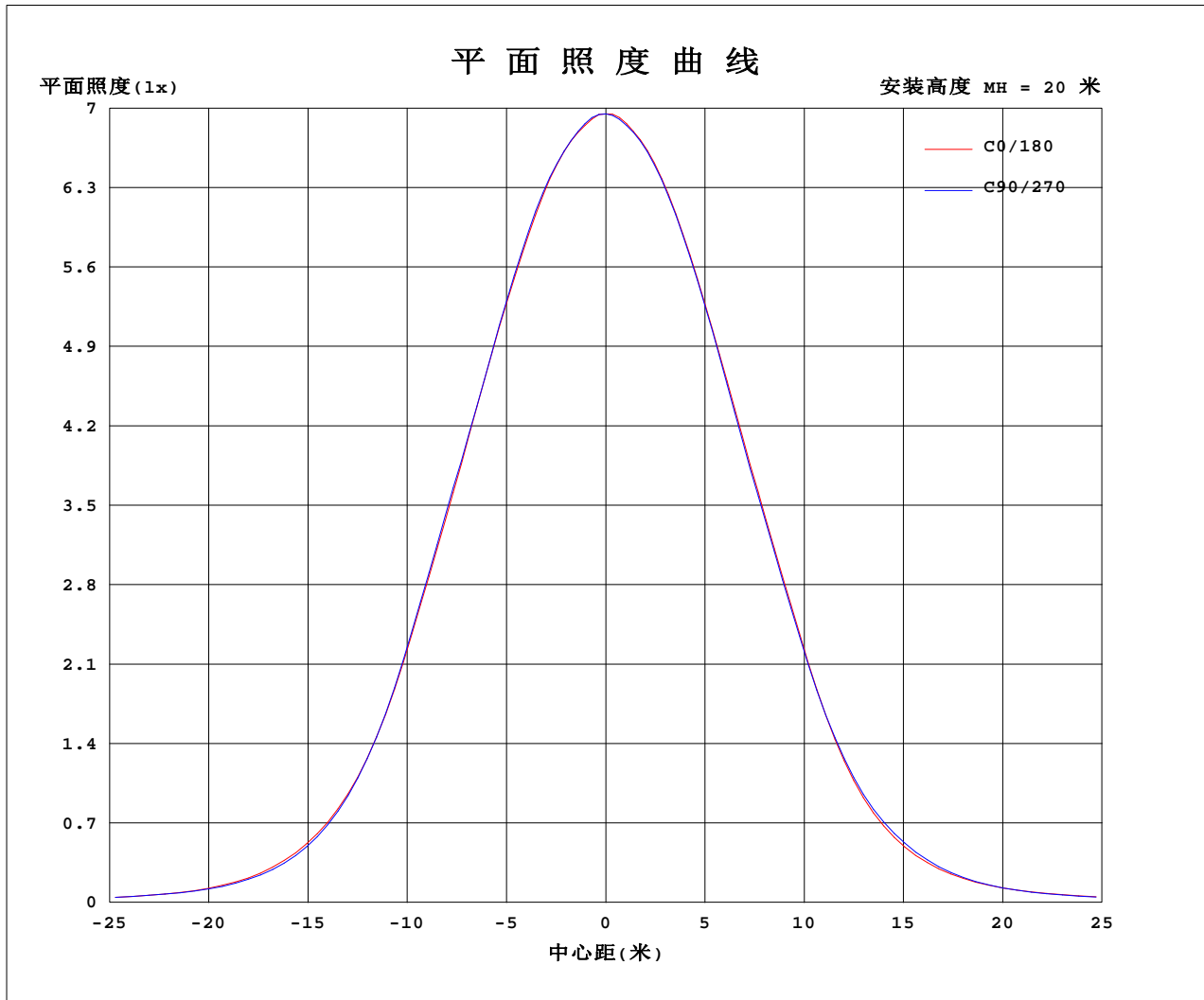
| 平均亮度      | 数值(cd/m <sup>2</sup> ) |
|-----------|------------------------|
| L横(65)av  | 3695                   |
| L横(75)av  | 39                     |
| L横(85)av  | 90                     |
| L纵(65)av  | 2722                   |
| L纵(75)av  | 48                     |
| L纵(85)av  | 84                     |
| L45(65)av | 3450                   |
| L45(75)av | 35                     |
| L45(85)av | 59                     |

注:依据标准 GB/T 29293-2012 计算

C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2024-12-7

γ角度范围: 0度 - 180度  
 γ角度间隔: 1.0度  
 测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G20TH-C-8X Ra:90  
 LENS: 55R  
 DRIVER: BK-PSL042-A1100AS 500mA  
 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: 2024-12-7

Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
30minutes warm-up



光 强 分 布 数 据 表 格

|  |                     |                  |
|--|---------------------|------------------|
| 实测参数: U:220.22V I:0.0930A P:18.544W PF:0.9009 Freq:49.99Hz<br>实检光通: 2502.14x1 lm |                     |                  |
| 灯具名称: 2418.139   | 灯具类型:               | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:               | 测试编号: 2412071452 |
| 制造厂商: RISE   | 发光口面: 0.008007785m2 | 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                 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 | 2780 |        |  |  |  |  |  |  |
| 5                 | 2715 | 2718 | 2718 | 2718 | 2717 | 2715 | 2718 | 2718 | 2720 | 2715 | 2709 | 2710 |        |  |  |  |  |  |  |
| 10                | 2538 | 2549 | 2552 | 2552 | 2549 | 2539 | 2542 | 2544 | 2540 | 2538 | 2531 | 2531 |        |  |  |  |  |  |  |
| 15                | 2250 | 2259 | 2258 | 2257 | 2250 | 2246 | 2245 | 2244 | 2244 | 2239 | 2236 | 2240 |        |  |  |  |  |  |  |
| 20                | 1863 | 1882 | 1883 | 1876 | 1861 | 1857 | 1860 | 1863 | 1864 | 1844 | 1839 | 1842 |        |  |  |  |  |  |  |
| 25                | 1410 | 1448 | 1438 | 1424 | 1394 | 1396 | 1410 | 1422 | 1434 | 1395 | 1374 | 1375 |        |  |  |  |  |  |  |
| 30                | 900  | 937  | 920  | 898  | 877  | 875  | 887  | 911  | 926  | 897  | 874  | 871  |        |  |  |  |  |  |  |
| 35                | 516  | 534  | 511  | 499  | 493  | 494  | 491  | 515  | 533  | 517  | 509  | 502  |        |  |  |  |  |  |  |
| 40                | 278  | 287  | 267  | 259  | 270  | 272  | 265  | 275  | 286  | 282  | 283  | 273  |        |  |  |  |  |  |  |
| 45                | 144  | 153  | 140  | 137  | 151  | 155  | 147  | 147  | 145  | 147  | 152  | 143  |        |  |  |  |  |  |  |
| 50                | 81.3 | 84.1 | 81.8 | 83.2 | 92.3 | 96.5 | 92.2 | 87.3 | 83.7 | 86.5 | 86.6 | 81.9 |        |  |  |  |  |  |  |
| 55                | 50.7 | 52.3 | 51.7 | 53.7 | 60.1 | 63.6 | 61.8 | 57.5 | 53.2 | 53.5 | 53.8 | 50.7 |        |  |  |  |  |  |  |
| 60                | 28.3 | 29.7 | 27.5 | 27.8 | 34.0 | 38.1 | 37.1 | 34.1 | 28.3 | 26.8 | 29.3 | 28.5 |        |  |  |  |  |  |  |
| 65                | 9.97 | 10.8 | 9.56 | 9.35 | 12.6 | 15.7 | 15.0 | 13.3 | 9.70 | 9.07 | 10.6 | 10.5 |        |  |  |  |  |  |  |
| 70                | 2.01 | 2.24 | 0.55 | 0.36 | 0.96 | 3.15 | 2.92 | 2.47 | 0.28 | 0.11 | 0.39 | 1.94 |        |  |  |  |  |  |  |
| 75                | 0.09 | 0.08 | 0.10 | 0.12 | 0.10 | 0.09 | 0.07 | 0.06 | 0.06 | 0.08 | 0.06 | 0.05 |        |  |  |  |  |  |  |
| 80                | 0.07 | 0.05 | 0.07 | 0.08 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.07 | 0.05 | 0.05 |        |  |  |  |  |  |  |
| 85                | 0.06 | 0.04 | 0.05 | 0.06 | 0.05 | 0.04 | 0.06 | 0.04 | 0.04 | 0.06 | 0.04 | 0.04 |        |  |  |  |  |  |  |
| 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: 2024-12-7

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G20TH-C-8X Ra: 90  
LENS: 55R  
DRIVER: BK-PSL042-A1100AS 500mA  
  
30minutes warm-up