

## 燈 具 實 物 照 片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 77.8%   |                          |
| Luminaire Power:    | 27.47 W |                          |
| SHR Nominal:        | 0.50    | Calculated using the TM5 |
| SHR Maximum:        | 0.50    | 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: 2022-8-17

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 V2.00.416  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G2000-C-83 Ra:90  
 LENS: PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 灯具配光曲线及特征面照片

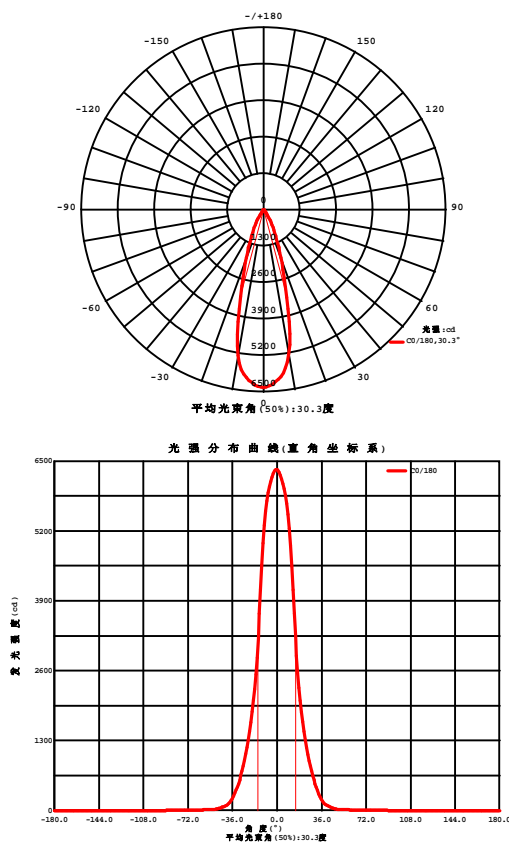


Fig. C0/C180

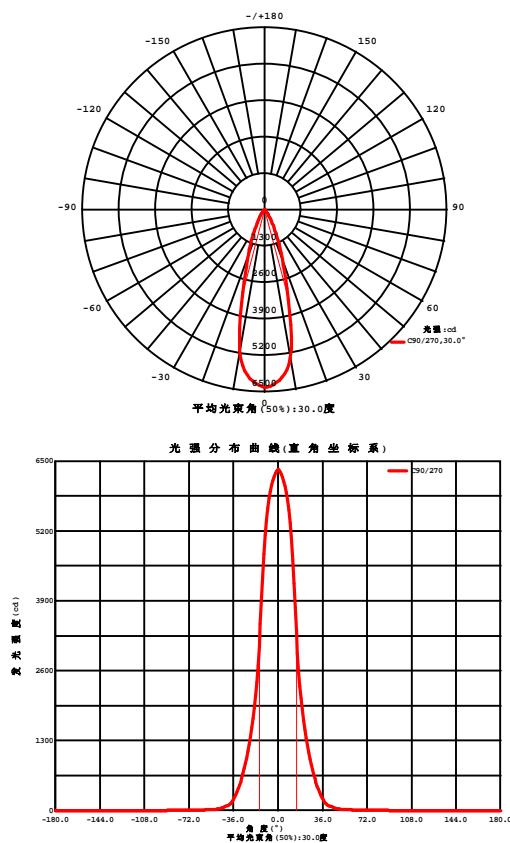


Fig. C90/C270

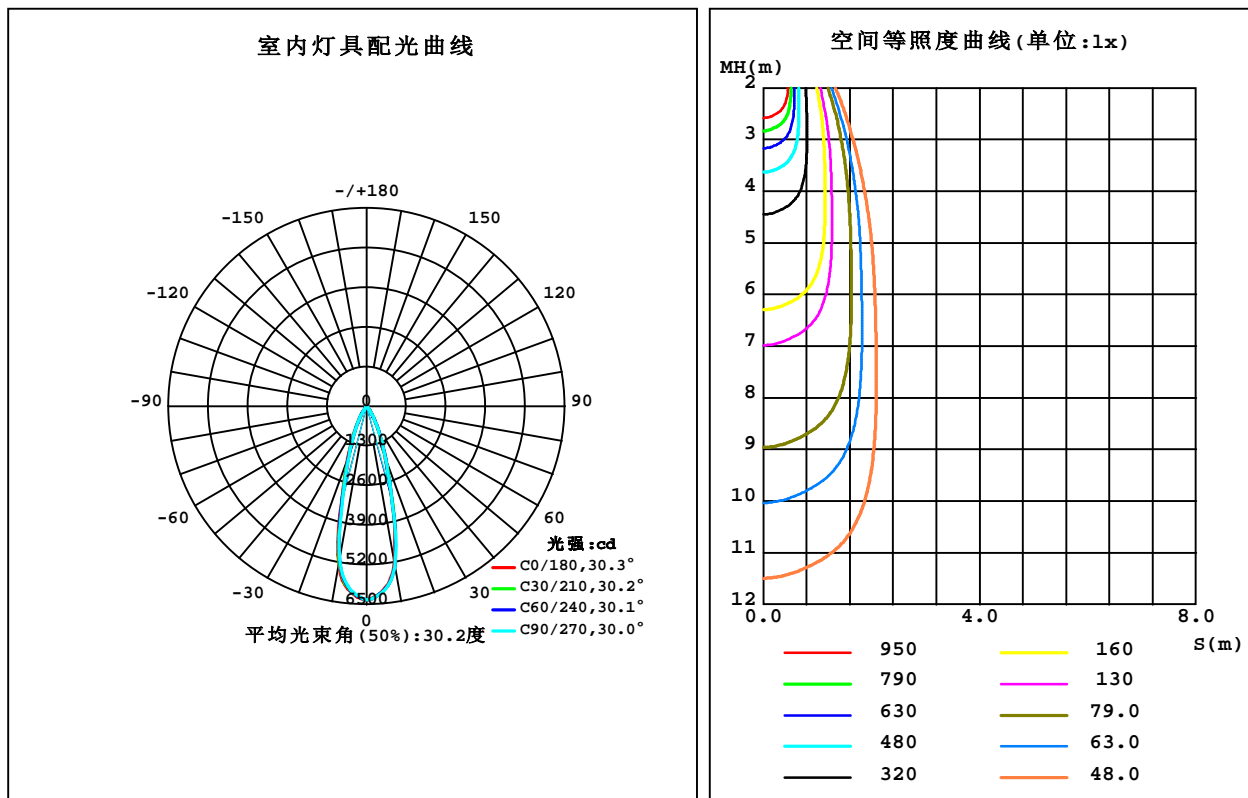
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30minutes warm-up

## 室内灯具光度数据

|                                                                              |                              |                 |
|------------------------------------------------------------------------------|------------------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                              |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:                        | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:                        | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m <sup>2</sup> | 遮光角:            |

| 光源数据      |           | 光度数据     |        | 光效: 79.17 lm/W    |          |
|-----------|-----------|----------|--------|-------------------|----------|
| 型号        | Bridgelux | 峰值光强(cd) | 6343   | S/MH(C0/180)      | 0.51     |
| 标称功率(W)   | 27        | 灯具效率(%)  | 77.8   | S/MH(C90/270)     | 0.49     |
| 额定电源电压(V) | 120       | 总光通量(lm) | 2174.5 | h UP,DN(C0-180)   | 0.0,39.3 |
| 额定光通量(lm) | 2796.63   | CIE分类    | 直接     | h UP,DN(C180-360) | 0.0,38.4 |
| 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) | 120       | 下射光通比(%) | 77.8   | CIBSE SHR MAX     | 0.50     |



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测试人员: Zoe  
测试日期: 2022-8-17

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测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.416  
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测试距离: 3.160米 [K=1.0000]  
备注: LAMP:BXRE-30G2000-C-83 Ra:90  
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DRIVER:PUP40A-1WMC-850 700mA  
30minutes warm-up

## 灯具环带光通量

环带光通量:

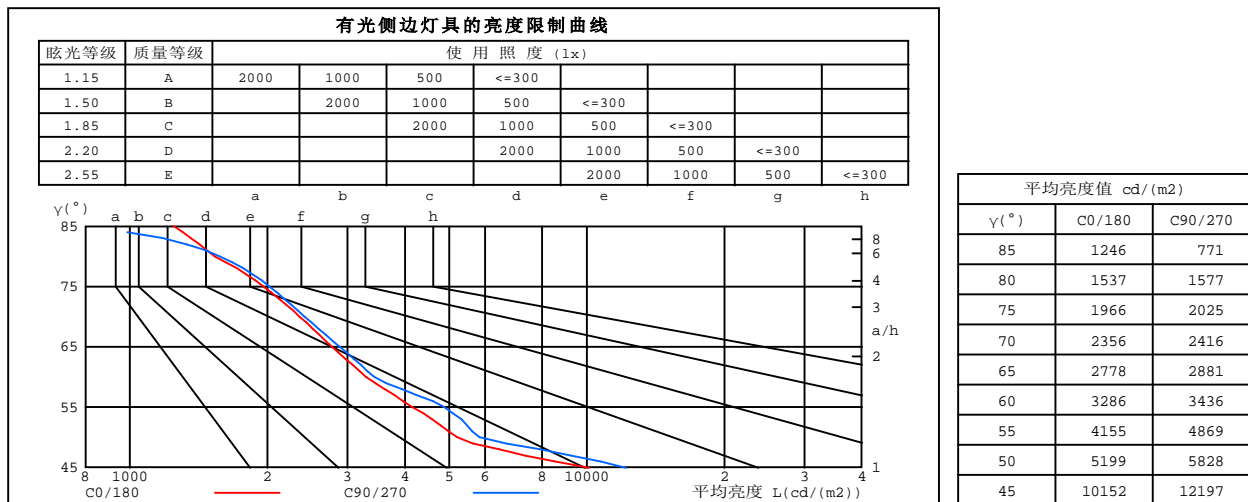
| g    | C0    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma(^{\circ})$ | $\Phi_{\text{环}}$ | $\Phi_{\text{总}}$ | %lum, lamp |
|------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------------------|-------------------|------------|
| 10   | 5248  | 5329  | 5353  | 5259  | 5302  | 5196  | 5125  | 5241  | 0- 10              | 557.0             | 557.0             | 25.6,19.9  |
| 20   | 1831  | 1868  | 1880  | 1799  | 1844  | 1754  | 1713  | 1824  | 10- 20             | 894.3             | 1451              | 66.7,51.9  |
| 30   | 561.7 | 568.3 | 584.8 | 551.4 | 565.5 | 533.6 | 527.8 | 556.7 | 20- 30             | 482.6             | 1934              | 88.9,69.2  |
| 40   | 97.23 | 101.0 | 106.0 | 100.4 | 103.1 | 95.54 | 94.10 | 98.75 | 30- 40             | 171.7             | 2106              | 96.8,75.3  |
| 50   | 21.25 | 22.72 | 23.82 | 23.02 | 23.61 | 22.96 | 22.45 | 22.98 | 40- 50             | 41.28             | 2147              | 98.7,76.8  |
| 60   | 10.45 | 11.13 | 10.92 | 11.48 | 11.32 | 11.37 | 10.86 | 11.63 | 50- 60             | 15.29             | 2162              | 99.4,77.3  |
| 70   | 5.124 | 5.353 | 5.254 | 5.631 | 5.467 | 5.455 | 5.306 | 5.651 | 60- 70             | 7.986             | 2170              | 99.8,77.6  |
| 80   | 1.697 | 1.632 | 1.741 | 1.881 | 1.864 | 1.706 | 1.647 | 1.855 | 70- 80             | 3.659             | 2174              | 100,77.7   |
| 90   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 80- 90             | 0.6832            | 2175              | 100,77.8   |
| 100  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90-100             | 0                 | 2175              | 100,77.8   |
| 110  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-110            | 0                 | 2175              | 100,77.8   |
| 120  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-120            | 0                 | 2175              | 100,77.8   |
| 130  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-130            | 0                 | 2175              | 100,77.8   |
| 140  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-140            | 0                 | 2175              | 100,77.8   |
| 150  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-150            | 0                 | 2175              | 100,77.8   |
| 160  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-160            | 0                 | 2175              | 100,77.8   |
| 170  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-170            | 0                 | 2175              | 100,77.8   |
| 180  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-180            | 0                 | 2175              | 100,77.8   |
| 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: 2022-8-17

$\gamma$ 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 V2.00.416  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G2000-C-83 Ra:90  
 LENS: PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 灯具亮度限制曲线

|                                                                              |                  |                 |
|------------------------------------------------------------------------------|------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:            | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:            | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m2 | 遮光角:            |



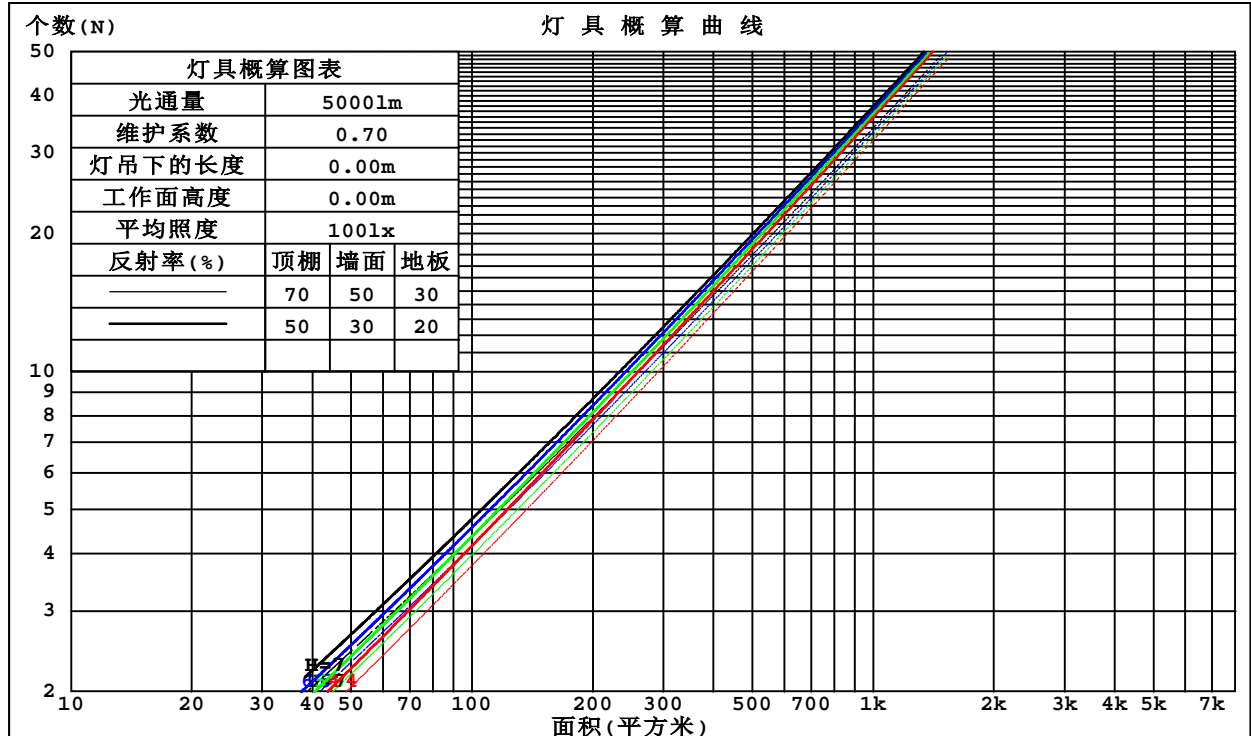
C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Zoe  
测试日期: 2022-8-17

$\gamma$ 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 V2.00.416  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G2000-C-83 Ra:90  
LENS: PM-1083 15R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 工作面利用系数和灯具概算曲线

|                                                                              |                               |                  |
|------------------------------------------------------------------------------|-------------------------------|------------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                               |                  |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:                         | 灯具重量:            |
| 灯具规格: 3000K                                                                  | 外型尺寸:                         | 测试编号: 2208170670 |
| 制造厂商: RISE                                                                   | 发光口面: 0.0063585m <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  | .93           | .93 | .93 | .90 | .90 | .90 | .86 | .86 | .86 | .83 | .83 | .83 | .79 | .79 | .79 | .78 |
| 1.0  | .87           | .86 | .84 | .86 | .84 | .83 | .82 | .81 | .80 | .80 | .79 | .78 | .77 | .76 | .76 | .74 |
| 2.0  | .82           | .80 | .78 | .81 | .79 | .77 | .79 | .77 | .75 | .76 | .75 | .74 | .74 | .73 | .72 | .71 |
| 3.0  | .78           | .75 | .73 | .77 | .74 | .72 | .75 | .73 | .71 | .73 | .72 | .70 | .72 | .70 | .69 | .68 |
| 4.0  | .75           | .71 | .68 | .74 | .71 | .68 | .72 | .69 | .67 | .71 | .68 | .67 | .69 | .67 | .66 | .65 |
| 5.0  | .71           | .68 | .65 | .71 | .67 | .65 | .69 | .66 | .64 | .68 | .66 | .64 | .67 | .65 | .63 | .62 |
| 6.0  | .68           | .65 | .62 | .68 | .64 | .62 | .67 | .64 | .61 | .66 | .63 | .61 | .65 | .62 | .60 | .60 |
| 7.0  | .65           | .62 | .59 | .65 | .61 | .59 | .64 | .61 | .59 | .63 | .60 | .58 | .62 | .60 | .58 | .57 |
| 8.0  | .63           | .59 | .57 | .63 | .59 | .57 | .62 | .59 | .56 | .61 | .58 | .56 | .60 | .58 | .56 | .55 |
| 9.0  | .61           | .57 | .55 | .60 | .57 | .54 | .60 | .56 | .54 | .59 | .56 | .54 | .58 | .56 | .54 | .53 |
| 10.0 | .58           | .55 | .53 | .58 | .55 | .52 | .58 | .54 | .52 | .57 | .54 | .52 | .57 | .54 | .52 | .51 |



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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: 2022-8-17

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 V2.00.416  
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 30minutes warm-up

## 墙面和天花板利用系数

|                                                                              |  |  |                              |  |                 |
|------------------------------------------------------------------------------|--|--|------------------------------|--|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |  |  |                              |  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    |  |  | 灯具类型:                        |  | 灯具重量:           |
| 灯具规格:3000K                                                                   |  |  | 外型尺寸:                        |  | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   |  |  | 发光口面:0.0063585m <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  | .118          | .067 | .021 | .112 | .064 | .020 | .103 | .059 | .019 | .094 | .054 | .017 | .086 | .050 | .016 |   |
| 2.0  | .110          | .060 | .019 | .106 | .058 | .018 | .098 | .054 | .017 | .091 | .051 | .016 | .084 | .047 | .015 |   |
| 3.0  | .104          | .055 | .017 | .100 | .054 | .016 | .093 | .051 | .015 | .087 | .048 | .015 | .081 | .045 | .014 |   |
| 4.0  | .098          | .051 | .015 | .095 | .050 | .015 | .089 | .047 | .014 | .084 | .045 | .014 | .079 | .043 | .013 |   |
| 5.0  | .092          | .047 | .014 | .090 | .046 | .013 | .085 | .044 | .013 | .080 | .042 | .013 | .076 | .041 | .012 |   |
| 6.0  | .088          | .044 | .013 | .086 | .043 | .012 | .081 | .042 | .012 | .077 | .040 | .012 | .074 | .039 | .011 |   |
| 7.0  | .084          | .041 | .012 | .082 | .041 | .012 | .078 | .039 | .011 | .074 | .038 | .011 | .071 | .037 | .011 |   |
| 8.0  | .080          | .039 | .011 | .078 | .038 | .011 | .075 | .037 | .011 | .072 | .036 | .010 | .069 | .035 | .010 |   |
| 9.0  | .076          | .037 | .010 | .075 | .037 | .010 | .072 | .036 | .010 | .069 | .035 | .010 | .067 | .034 | .010 |   |
| 10.0 | .073          | .035 | .010 | .072 | .035 | .010 | .069 | .034 | .010 | .067 | .033 | .009 | .065 | .032 | .009 |   |

| 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 | .086 | .086 | .086 | .050 | .050 | .050 | .016 | .016 | .016 |   |
| 1.0  | .132          | .122 | .114 | .113 | .105 | .098 | .077 | .072 | .068 | .044 | .042 | .040 | .014 | .013 | .013 |   |
| 2.0  | .118          | .103 | .090 | .101 | .089 | .078 | .069 | .061 | .054 | .040 | .036 | .032 | .013 | .012 | .010 |   |
| 3.0  | .107          | .088 | .073 | .092 | .076 | .063 | .063 | .053 | .044 | .037 | .031 | .026 | .012 | .010 | .009 |   |
| 4.0  | .098          | .076 | .060 | .084 | .066 | .052 | .058 | .046 | .036 | .034 | .027 | .022 | .011 | .009 | .007 |   |
| 5.0  | .091          | .067 | .050 | .078 | .058 | .043 | .054 | .040 | .030 | .031 | .024 | .018 | .010 | .008 | .006 |   |
| 6.0  | .084          | .059 | .042 | .072 | .051 | .036 | .050 | .036 | .026 | .029 | .021 | .015 | .009 | .007 | .005 |   |
| 7.0  | .079          | .053 | .035 | .068 | .046 | .031 | .047 | .032 | .022 | .027 | .019 | .013 | .009 | .006 | .004 |   |
| 8.0  | .074          | .048 | .031 | .063 | .042 | .027 | .044 | .029 | .019 | .026 | .017 | .011 | .008 | .006 | .004 |   |
| 9.0  | .069          | .044 | .027 | .060 | .038 | .023 | .041 | .027 | .016 | .024 | .016 | .010 | .008 | .005 | .003 |   |
| 10.0 | .066          | .040 | .023 | .057 | .035 | .020 | .039 | .025 | .014 | .023 | .015 | .009 | .007 | .005 | .003 |   |

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30minutes warm-up

## UGR(Unified Glare Rating)数据表

|                                                                              |                      |      |      |      |                  |                    |      |                 |      |      |
|------------------------------------------------------------------------------|----------------------|------|------|------|------------------|--------------------|------|-----------------|------|------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                      |      |      |      |                  |                    |      |                 |      |      |
| 灯具名称: 2018.481-ACOT-84-AM                                                    |                      |      |      |      | 灯具类型:            |                    |      | 灯具重量:           |      |      |
| 灯具规格:3000K                                                                   |                      |      |      |      | 外型尺寸:            |                    |      | 测试编号:2208170670 |      |      |
| 制造厂商: RISE                                                                   |                      |      |      |      | 发光口面:0.0063585m2 |                    |      | 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                                                                         | 交叉(Viewed crosswise) |      |      |      |                  | 向前(Viewed endwise) |      |                 |      |      |
| x = 2H y = 2H                                                                | 14.3                 | 15.1 | 14.6 | 15.3 | 15.4             | 14.5               | 15.2 | 14.7            | 15.4 | 15.5 |
| 3H                                                                           | 14.3                 | 15.0 | 14.5 | 15.2 | 15.4             | 14.4               | 15.1 | 14.7            | 15.3 | 15.5 |
| 4H                                                                           | 14.3                 | 14.9 | 14.5 | 15.1 | 15.4             | 14.4               | 15.1 | 14.7            | 15.3 | 15.5 |
| 6H                                                                           | 14.2                 | 14.8 | 14.5 | 15.1 | 15.3             | 14.4               | 15.0 | 14.6            | 15.2 | 15.5 |
| 8H                                                                           | 14.2                 | 14.8 | 14.5 | 15.0 | 15.3             | 14.3               | 14.9 | 14.6            | 15.2 | 15.4 |
| 12H                                                                          | 14.1                 | 14.7 | 14.5 | 15.0 | 15.2             | 14.3               | 14.9 | 14.6            | 15.1 | 15.4 |
| 4H 2H                                                                        | 14.2                 | 14.8 | 14.5 | 15.1 | 15.3             | 14.3               | 15.0 | 14.6            | 15.2 | 15.4 |
| 3H                                                                           | 14.2                 | 14.7 | 14.5 | 15.0 | 15.3             | 14.3               | 14.9 | 14.6            | 15.1 | 15.4 |
| 4H                                                                           | 14.1                 | 14.7 | 14.5 | 15.0 | 15.3             | 14.3               | 14.8 | 14.6            | 15.1 | 15.4 |
| 6H                                                                           | 14.1                 | 14.6 | 14.5 | 14.9 | 15.2             | 14.2               | 14.7 | 14.6            | 15.0 | 15.4 |
| 8H                                                                           | 14.1                 | 14.5 | 14.4 | 14.8 | 15.2             | 14.2               | 14.6 | 14.6            | 15.0 | 15.4 |
| 12H                                                                          | 14.0                 | 14.4 | 14.4 | 14.8 | 15.2             | 14.2               | 14.6 | 14.6            | 14.9 | 15.3 |
| 8H 4H                                                                        | 14.0                 | 14.5 | 14.4 | 14.8 | 15.2             | 14.2               | 14.6 | 14.6            | 15.0 | 15.3 |
| 6H                                                                           | 14.0                 | 14.3 | 14.4 | 14.7 | 15.2             | 14.1               | 14.5 | 14.6            | 14.9 | 15.3 |
| 8H                                                                           | 14.0                 | 14.3 | 14.4 | 14.7 | 15.1             | 14.1               | 14.4 | 14.6            | 14.8 | 15.3 |
| 12H                                                                          | 13.9                 | 14.2 | 14.4 | 14.6 | 15.1             | 14.1               | 14.3 | 14.5            | 14.8 | 15.2 |
| 12H 4H                                                                       | 14.0                 | 14.4 | 14.4 | 14.7 | 15.1             | 14.1               | 14.5 | 14.5            | 14.9 | 15.3 |
| 6H                                                                           | 13.9                 | 14.3 | 14.4 | 14.7 | 15.1             | 14.1               | 14.4 | 14.5            | 14.8 | 15.3 |
| 8H                                                                           | 13.9                 | 14.2 | 14.4 | 14.6 | 15.1             | 14.1               | 14.3 | 14.5            | 14.8 | 15.2 |
| 不同间隔布灯时,观察者位置引起的UGR变化:                                                       |                      |      |      |      |                  |                    |      |                 |      |      |
| S = 1.0H                                                                     | + 2.9 / - 4.3        |      |      |      |                  | + 3.4 / - 4.3      |      |                 |      |      |
| 1.5H                                                                         | + 4.9 / - 3.7        |      |      |      |                  | + 5.3 / - 3.6      |      |                 |      |      |
| 2.0H                                                                         | + 3.2 / - 1.7        |      |      |      |                  | + 3.9 / - 1.9      |      |                 |      |      |

依据CIE Pub.117计算, 2797lm光源光通,表格已经进行修正( $8\log(F/F_0) = 3.6$ ).  
出光口面积: 0.0063585 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: 2022-8-17

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 V2.00.416  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:BXRE-30G2000-C-83 Ra:90  
LENS:PM-1083 15R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up



## UF利用系数表

|                                                                              |                  |                 |
|------------------------------------------------------------------------------|------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:            | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:            | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m2 | 遮光角:            |

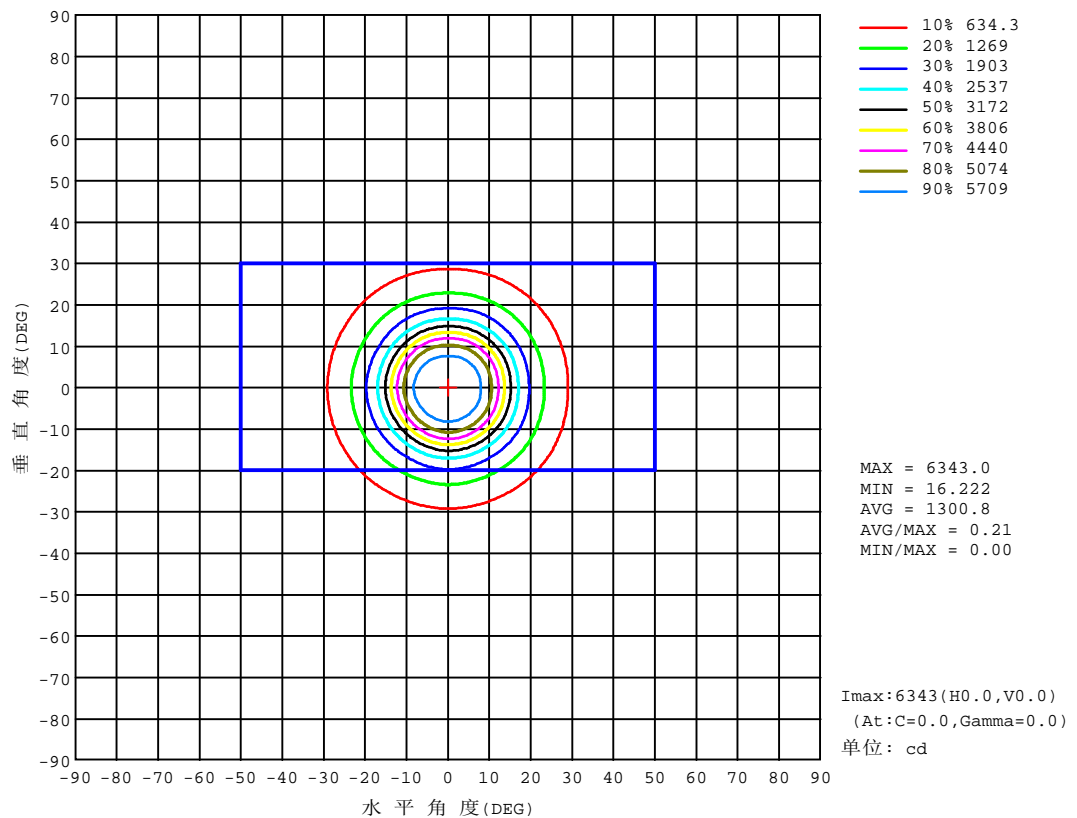
| 反 射 比 / REFLECTANCE        |                                                    |     |     |     |     |     |                     |     |     |         |
|----------------------------|----------------------------------------------------|-----|-----|-----|-----|-----|---------------------|-----|-----|---------|
| 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |         |
| $k = 0.60$                 | 70                                                 | 65  | 62  | 69  | 65  | 62  | 69                  | 65  | 62  | 60      |
| 0.80                       | 75                                                 | 71  | 68  | 75  | 71  | 68  | 74                  | 70  | 68  | 65      |
| 1.00                       | 78                                                 | 74  | 72  | 78  | 74  | 71  | 76                  | 74  | 71  | 68      |
| 1.25                       | 81                                                 | 77  | 75  | 80  | 77  | 75  | 79                  | 76  | 74  | 71      |
| 1.50                       | 83                                                 | 80  | 77  | 82  | 79  | 77  | 81                  | 78  | 76  | 73      |
| 2.00                       | 85                                                 | 82  | 80  | 84  | 81  | 79  | 82                  | 80  | 78  | 74      |
| 2.50                       | 86                                                 | 83  | 81  | 85  | 82  | 81  | 83                  | 81  | 79  | 75      |
| 3.00                       | 87                                                 | 85  | 83  | 86  | 84  | 82  | 83                  | 82  | 80  | 75      |
| 4.00                       | 89                                                 | 87  | 85  | 87  | 86  | 84  | 84                  | 83  | 82  | 77      |
| 5.00                       | 90                                                 | 88  | 87  | 88  | 87  | 86  | 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: 2022-8-17

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 V2.00.416  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP:BXRE-30G2000-C-83 Ra:90  
 LENS:PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 灯具等光强曲线

|                                                                              |                  |                 |
|------------------------------------------------------------------------------|------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:            | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:            | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m2 | 遮光角:            |



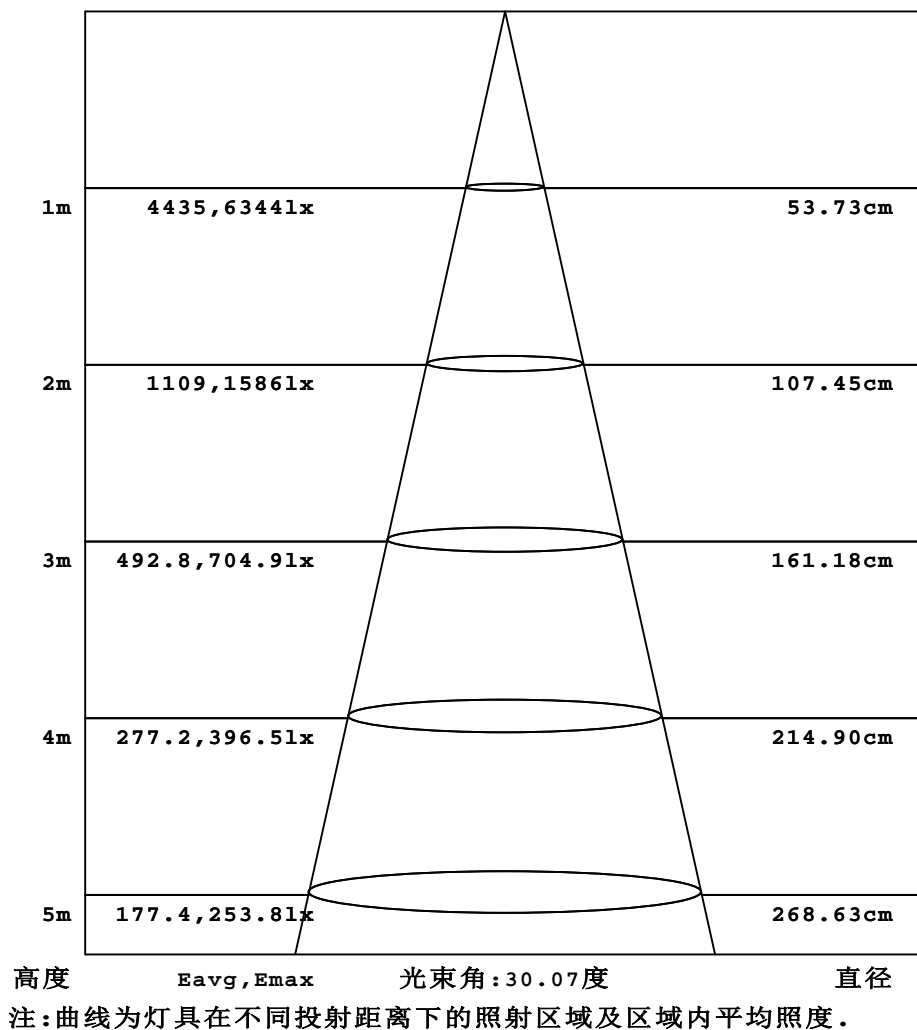
C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: Zoe  
测试日期: 2022-8-17

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 V2.00.416  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G2000-C-83 Ra:90  
LENS: PM-1083 15R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 灯具有效平均照度图

|                                                                              |                  |                 |
|------------------------------------------------------------------------------|------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:            | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:            | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m2 | 遮光角:            |

光通输出:1146 lm

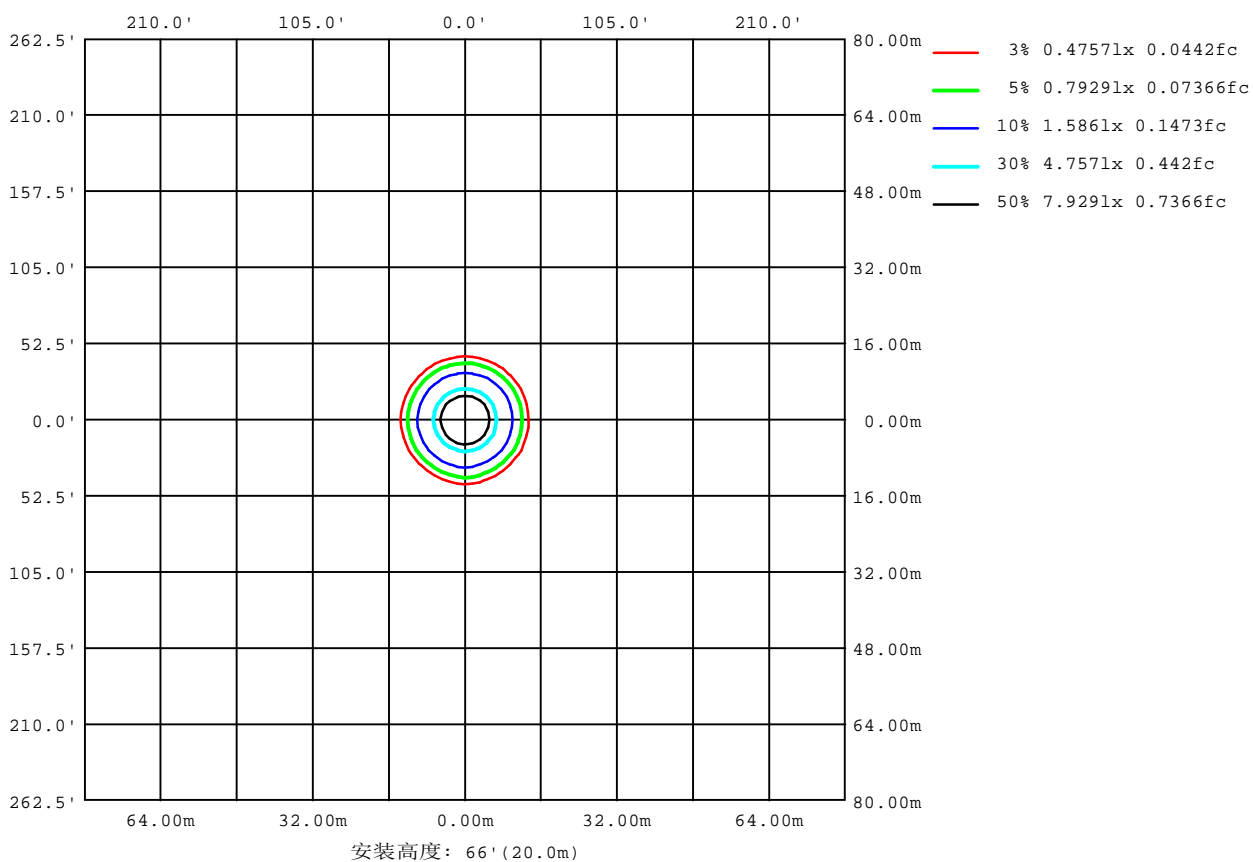


C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度:25.3℃  
 测试人员:Zoe  
 测试日期:2022-8-17

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 V2.00.416  
 环境湿度:65.0%  
 测试距离:3.160米 [K=1.0000]  
 备注: LAMP:BXRE-30G2000-C-83 Ra:90  
 LENS:PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 平面等照度曲线

|                                                                              |                              |                 |
|------------------------------------------------------------------------------|------------------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                              |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:                        | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:                        | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m <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: 2022-8-17

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 V2.00.416  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G2000-C-83 Ra:90  
 LENS: PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## LED筒灯平均亮度报告

|                                                                              |                  |                 |
|------------------------------------------------------------------------------|------------------|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |                  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    | 灯具类型:            | 灯具重量:           |
| 灯具规格:3000K                                                                   | 外型尺寸:            | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   | 发光口面:0.0063585m2 | 遮光角:            |

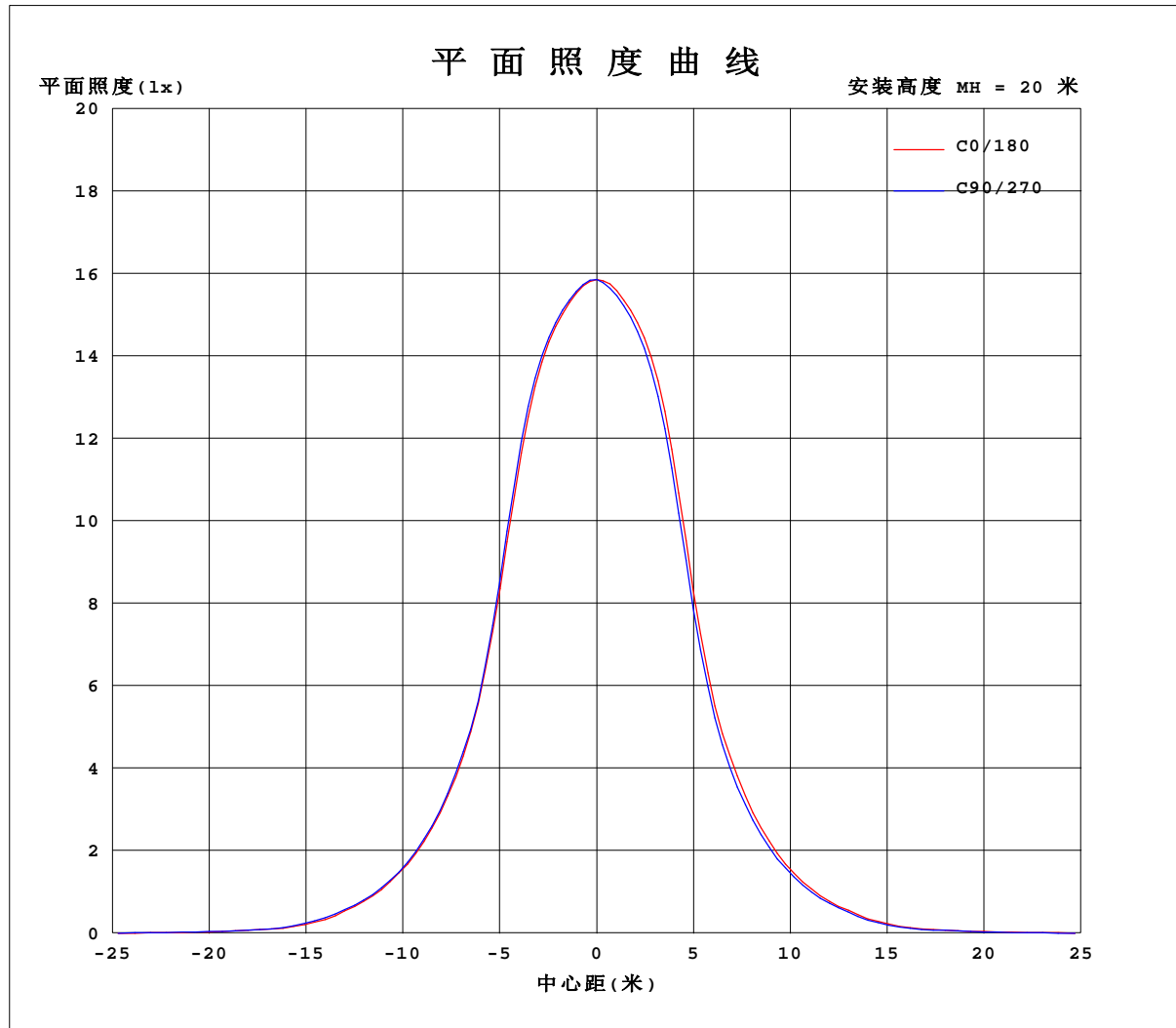
| 平均亮度      | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av  | 2870      |
| L横(75)av  | 2041      |
| L横(85)av  | 1276      |
| L纵(65)av  | 2890      |
| L纵(75)av  | 2014      |
| L纵(85)av  | 673       |
| L45(65)av | 3026      |
| L45(75)av | 2102      |
| L45(85)av | 816       |

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:2022-8-17

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 V2.00.416  
 环境湿度:65.0%  
 测试距离:3.160米 [K=1.0000]  
 备注: LAMP:BXRE-30G2000-C-83 Ra:90  
 LENS:PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 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: 2022-8-17

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 V2.00.416  
 环境湿度: 65.0%  
 测试距离: 3.160米 [K=1.0000]  
 备注: LAMP: BXRE-30G2000-C-83 Ra:90  
 LENS: PM-1083 15R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 光 强 分 布 数 据 表 格

|                                                                              |  |  |                  |  |                 |
|------------------------------------------------------------------------------|--|--|------------------|--|-----------------|
| 实测参数: U:119.80V I:0.2311A P:27.468W PF:0.9909 Freq:59.98Hz 实检光通:2796.63x1 lm |  |  |                  |  |                 |
| 灯具名称: 2018.481-ACOT-84-AM                                                    |  |  | 灯具类型:            |  | 灯具重量:           |
| 灯具规格:3000K                                                                   |  |  | 外型尺寸:            |  | 测试编号:2208170670 |
| 制造厂商: RISE                                                                   |  |  | 发光口面:0.0063585m2 |  | 遮光角:            |

表--1

单位: cd

| C(°) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0    | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 | 6343 |  |  |  |  |  |  |
| 5    | 6082 | 6107 | 6104 | 6117 | 6095 | 6090 | 6114 | 6085 | 6067 | 6048 | 6070 | 6086 |  |  |  |  |  |  |
| 10   | 5248 | 5326 | 5332 | 5353 | 5276 | 5242 | 5302 | 5219 | 5173 | 5125 | 5210 | 5272 |  |  |  |  |  |  |
| 15   | 3250 | 3327 | 3308 | 3318 | 3192 | 3147 | 3226 | 3114 | 3089 | 3056 | 3190 | 3284 |  |  |  |  |  |  |
| 20   | 1831 | 1893 | 1843 | 1880 | 1788 | 1810 | 1844 | 1753 | 1755 | 1713 | 1809 | 1840 |  |  |  |  |  |  |
| 25   | 1046 | 1065 | 1047 | 1072 | 1019 | 1023 | 1048 | 996  | 988  | 976  | 1016 | 1047 |  |  |  |  |  |  |
| 30   | 562  | 574  | 563  | 585  | 551  | 552  | 566  | 534  | 533  | 528  | 550  | 564  |  |  |  |  |  |  |
| 35   | 252  | 262  | 259  | 278  | 255  | 255  | 264  | 242  | 255  | 239  | 263  | 255  |  |  |  |  |  |  |
| 40   | 97.2 | 102  | 100  | 106  | 99.9 | 101  | 103  | 96.2 | 94.9 | 94.1 | 97.8 | 99.7 |  |  |  |  |  |  |
| 45   | 45.6 | 52.7 | 52.6 | 54.8 | 52.1 | 53.1 | 53.4 | 51.1 | 50.0 | 49.0 | 51.2 | 52.3 |  |  |  |  |  |  |
| 50   | 21.2 | 22.2 | 23.2 | 23.8 | 22.8 | 23.3 | 23.6 | 23.2 | 22.7 | 22.4 | 22.8 | 23.1 |  |  |  |  |  |  |
| 55   | 15.2 | 16.8 | 17.6 | 17.8 | 17.4 | 18.2 | 17.4 | 18.1 | 17.6 | 17.0 | 17.6 | 18.2 |  |  |  |  |  |  |
| 60   | 10.4 | 11.1 | 11.2 | 10.9 | 11.2 | 11.8 | 11.3 | 11.4 | 11.3 | 10.9 | 11.3 | 11.9 |  |  |  |  |  |  |
| 65   | 7.46 | 7.72 | 8.04 | 7.74 | 8.04 | 8.36 | 7.96 | 7.95 | 8.11 | 7.79 | 8.15 | 8.33 |  |  |  |  |  |  |
| 70   | 5.12 | 5.21 | 5.49 | 5.25 | 5.51 | 5.75 | 5.47 | 5.37 | 5.54 | 5.31 | 5.60 | 5.71 |  |  |  |  |  |  |
| 75   | 3.23 | 3.18 | 3.44 | 3.33 | 3.47 | 3.62 | 3.48 | 3.29 | 3.46 | 3.30 | 3.51 | 3.57 |  |  |  |  |  |  |
| 80   | 1.70 | 1.56 | 1.70 | 1.74 | 1.82 | 1.94 | 1.86 | 1.63 | 1.79 | 1.65 | 1.80 | 1.91 |  |  |  |  |  |  |
| 85   | 0.69 | 0.45 | 0.39 | 0.43 | 0.43 | 0.60 | 0.72 | 0.47 | 0.41 | 0.32 | 0.39 | 0.55 |  |  |  |  |  |  |
| 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: 2022-8-17

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 V2.00.416

环境湿度: 65.0%

测试距离: 3.160米 [K=1.0000]

备注: LAMP:BXRE-30G2000-C-83 Ra:90

LENS:PM-1083 15R

DRIVER: PUP40A-1WMC-850 700mA

30minutes warm-up