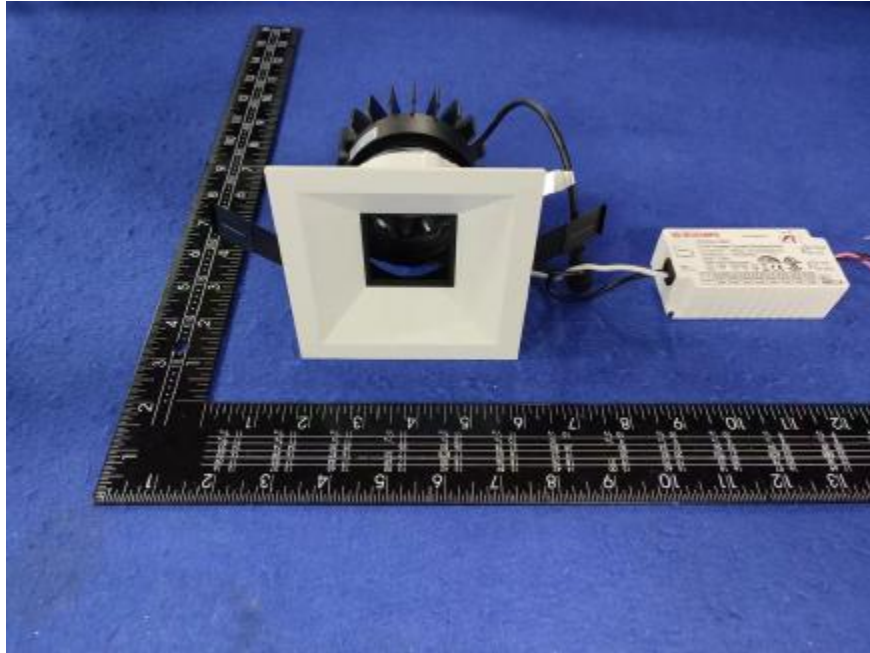


## 燈具實物照片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 61.6%   |                          |
| Luminaire Power:    | 28.07 W |                          |
| SHR Nominal:        | 0.75    | Calculated using the TM5 |
| SHR Maximum:        | 0.85    | fine grid method.        |

C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-7-31

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-30G2000-C-83 Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 灯具配光曲线及特征面照片

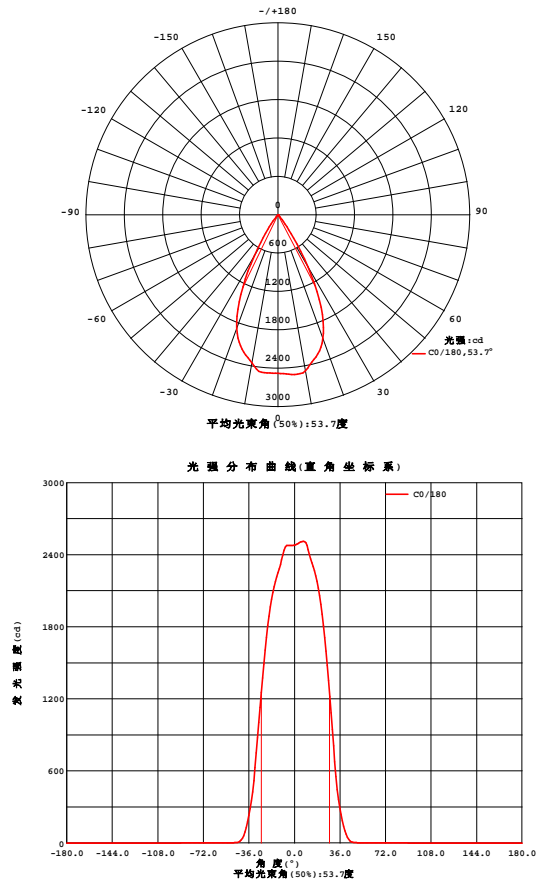


Fig. C0/C180

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: 2024-7-31

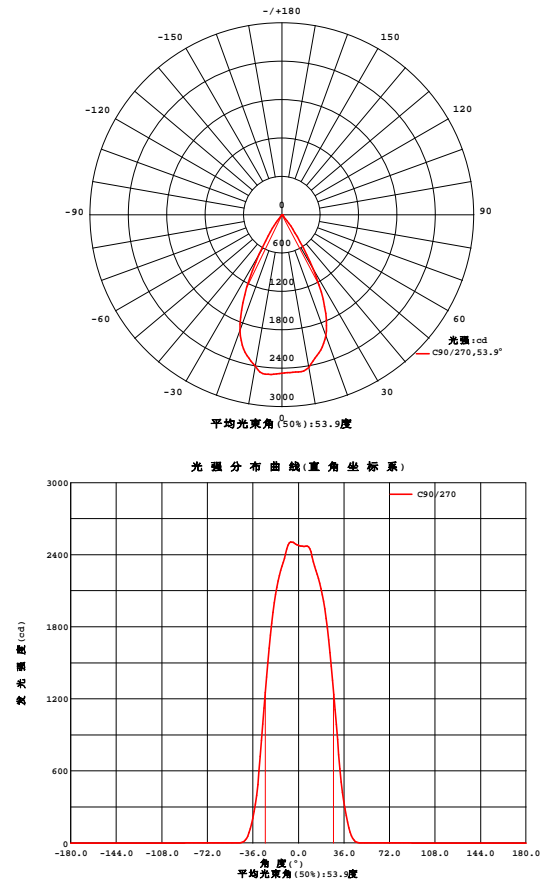


Fig. C90/C270

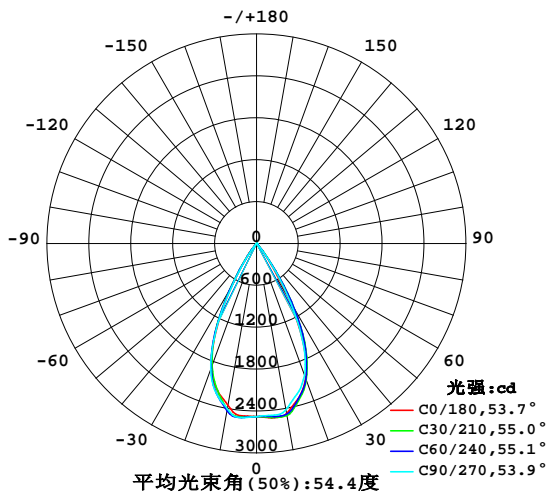
Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: BXRE-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 室内灯具光度数据

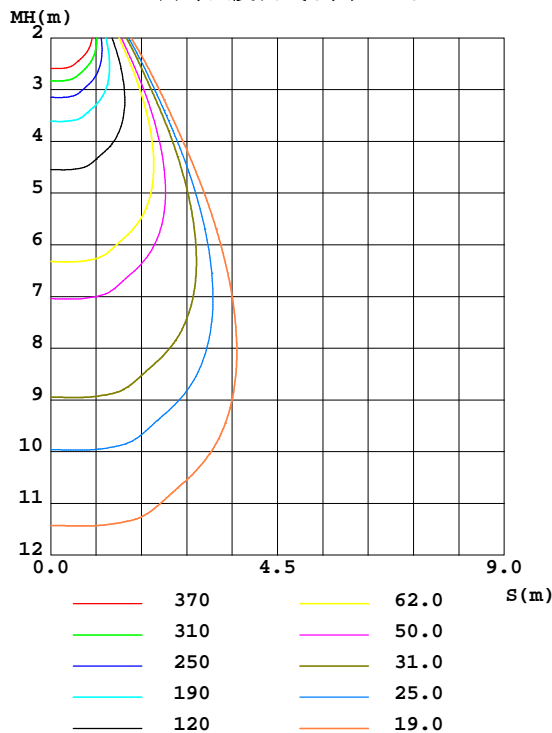
|   |                            |                  |
|---|----------------------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                            |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:                      | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:                      | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m <sup>2</sup> | 遮光角:             |

| 光源数据      |           | 光度数据     |        |                   |          | 光效: 64.01 lm/W |
|-----------|-----------|----------|--------|-------------------|----------|----------------|
| 型号        | Bridgelux | 峰值光强(cd) | 2510   | S/MH(C0/180)      | 0.77     |                |
| 标称功率(W)   | 20        | 灯具效率(%)  | 61.6   | S/MH(C90/270)     | 0.77     |                |
| 额定电源电压(V) | 120       | 总光通量(lm) | 1796.6 | η UP,DN(C0-180)   | 0.0,32.2 |                |
| 额定光通量(lm) | 2916.2    | CIE分类    | 直接     | η UP,DN(C180-360) | 0.0,29.4 |                |
| 灯具内光源数(只) | 1         | 上射光通比(%) | 0.0    | CIBSE SHR NOM     | 0.75     |                |
| 实测电源电压(V) | 120       | 下射光通比(%) | 61.6   | CIBSE SHR MAX     | 0.85     |                |

室内灯具配光曲线



空间等照度曲线(单位:lx)



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-7-31

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-30G2000-C-83 Ra:90  
LENS:PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
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             | 2478   | 2493   | 2422   | 2395   | 2355   | 2425   | 2406   | 2464   | 0- 10              | 236.3  | 236.3 | 13.2, 8.1  |
| 20             | 2057   | 2076   | 2013   | 1883   | 1888   | 1882   | 1919   | 1938   | 10- 20             | 623.0  | 859.4 | 47.8, 29.5 |
| 30             | 944.0  | 1098   | 986.6  | 937.5  | 749.2  | 793.6  | 721.1  | 906.7  | 20- 30             | 668.5  | 1528  | 85, 52.4   |
| 40             | 101.7  | 138.3  | 127.6  | 103.7  | 60.60  | 73.50  | 54.30  | 87.10  | 30- 40             | 248.3  | 1776  | 98.9, 60.9 |
| 50             | 2.548  | 2.757  | 1.459  | 2.408  | 1.763  | 2.043  | 1.399  | 2.150  | 40- 50             | 18.95  | 1795  | 99.9, 61.6 |
| 60             | 0.7794 | 0.6595 | 0.4487 | 0.5583 | 0.6206 | 0.7649 | 0.6249 | 0.7898 | 50- 60             | 1.067  | 1796  | 100, 61.6  |
| 70             | 0.1178 | 0.1862 | 0.1816 | 0.2095 | 0.1253 | 0.0967 | 0.0965 | 0.0857 | 60- 70             | 0.3189 | 1796  | 100, 61.6  |
| 80             | 0.0673 | 0.0555 | 0.0530 | 0.0461 | 0.0592 | 0.0467 | 0.0484 | 0.0374 | 70- 80             | 0.0810 | 1797  | 100, 61.6  |
| 90             | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 80- 90             | 0.0410 | 1797  | 100, 61.6  |
| 100            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 90-100             | 0      | 1797  | 100, 61.6  |
| 110            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 100-110            | 0      | 1797  | 100, 61.6  |
| 120            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 110-120            | 0      | 1797  | 100, 61.6  |
| 130            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 120-130            | 0      | 1797  | 100, 61.6  |
| 140            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 130-140            | 0      | 1797  | 100, 61.6  |
| 150            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 140-150            | 0      | 1797  | 100, 61.6  |
| 160            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160            | 0      | 1797  | 100, 61.6  |
| 170            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170            | 0      | 1797  | 100, 61.6  |
| 180            | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180            | 0      | 1797  | 100, 61.6  |
| 单位: $^{\circ}$ | 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: 2024-7-31

$\gamma$ 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-30G2000-C-83 Ra: 90  
 LENS: PM-1083C 50R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz  
实检光通: 2916.2x1 lm

灯具名称: 2418.121-ACOT-84-AM

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

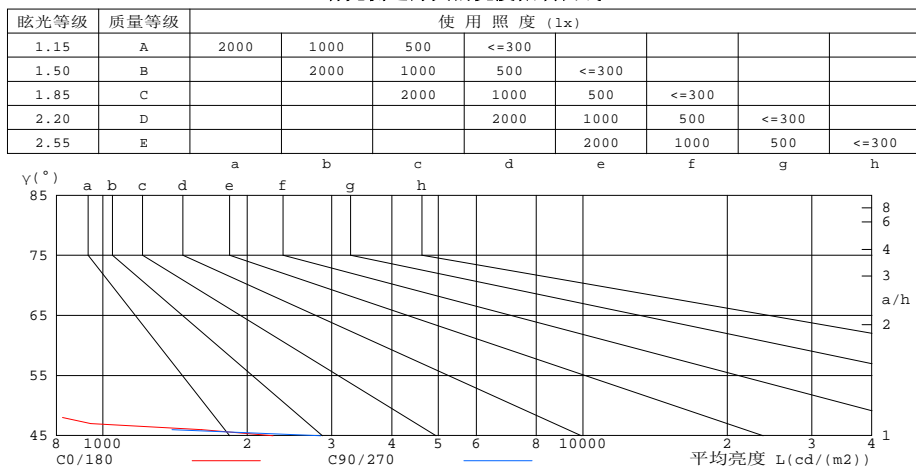
测试编号: 2407310974

制造厂商: RISE

发光口面: 0.0064m<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            | 94     | 81      |
| 80            | 61     | 48      |
| 75            | 48     | 38      |
| 70            | 54     | 83      |
| 65            | 67     | 140     |
| 60            | 244    | 140     |
| 55            | 437    | 189     |
| 50            | 620    | 355     |
| 45            | 2262   | 2845    |

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: 2024-7-31

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-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
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:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz  
实检光通: 2916.2x1 lm

灯具名称: 2418.121-ACOT-84-AM

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

测试编号: 2407310974

制造厂商: RISE

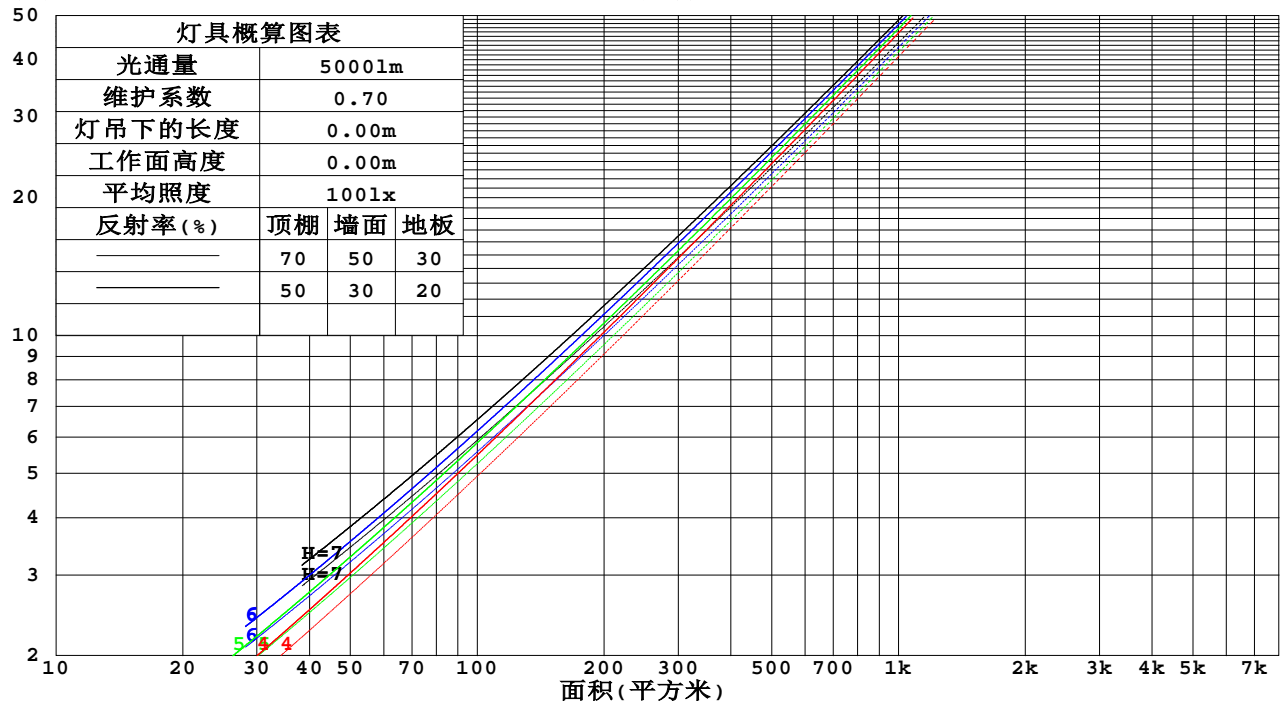
发光口面: 0.0064m<sup>2</sup>

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  | .73           | .73 | .73 | .72 | .72 | .72 | .68 | .68 | .68 | .66 | .66 | .66 | .63 | .63 | .63 | .62 |
| 1.0  | .69           | .67 | .66 | .67 | .66 | .65 | .65 | .64 | .63 | .63 | .62 | .61 | .61 | .60 | .59 | .58 |
| 2.0  | .65           | .62 | .60 | .63 | .61 | .60 | .61 | .60 | .58 | .60 | .58 | .57 | .58 | .57 | .56 | .55 |
| 3.0  | .61           | .58 | .56 | .60 | .57 | .55 | .58 | .56 | .54 | .57 | .55 | .54 | .55 | .54 | .53 | .52 |
| 4.0  | .57           | .54 | .52 | .57 | .54 | .52 | .55 | .53 | .51 | .54 | .52 | .50 | .53 | .51 | .50 | .49 |
| 5.0  | .54           | .51 | .49 | .54 | .51 | .48 | .53 | .50 | .48 | .52 | .49 | .47 | .51 | .49 | .47 | .46 |
| 6.0  | .51           | .48 | .46 | .51 | .48 | .45 | .50 | .47 | .45 | .49 | .47 | .45 | .48 | .46 | .45 | .44 |
| 7.0  | .49           | .45 | .43 | .48 | .45 | .43 | .47 | .45 | .43 | .47 | .44 | .42 | .46 | .44 | .42 | .41 |
| 8.0  | .46           | .43 | .41 | .46 | .43 | .40 | .45 | .42 | .40 | .45 | .42 | .40 | .44 | .42 | .40 | .39 |
| 9.0  | .44           | .41 | .38 | .44 | .40 | .38 | .43 | .40 | .38 | .43 | .40 | .38 | .42 | .40 | .38 | .37 |
| 10.0 | .42           | .39 | .36 | .42 | .38 | .36 | .41 | .38 | .36 | .41 | .38 | .36 | .40 | .38 | .36 | .35 |

个数(N)

灯具概算曲线



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: 2024-7-31

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-30G2000-C-83 Ra: 90

LENS: PM-1083C 50R

DRIVER: PUP40A-1WMC-850 700mA

30minutes warm-up

## 墙面和天花板利用系数

|   |                |                  |
|---|----------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:          | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:          | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m2 | 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  | .101          | .057 | .018 | .096 | .055 | .017 | .089 | .051 | .016 | .082 | .047 | .015 | .075 | .044 | .014 |   |
| 2.0  | .095          | .052 | .016 | .092 | .051 | .016 | .086 | .048 | .015 | .080 | .045 | .014 | .074 | .042 | .013 |   |
| 3.0  | .091          | .048 | .014 | .088 | .047 | .014 | .082 | .045 | .014 | .077 | .042 | .013 | .072 | .040 | .012 |   |
| 4.0  | .086          | .045 | .013 | .084 | .044 | .013 | .079 | .042 | .013 | .075 | .040 | .012 | .071 | .038 | .012 |   |
| 5.0  | .082          | .042 | .012 | .080 | .041 | .012 | .076 | .040 | .012 | .072 | .038 | .011 | .069 | .037 | .011 |   |
| 6.0  | .079          | .039 | .011 | .077 | .039 | .011 | .073 | .038 | .011 | .070 | .036 | .011 | .067 | .035 | .010 |   |
| 7.0  | .075          | .037 | .011 | .074 | .037 | .010 | .071 | .036 | .010 | .068 | .035 | .010 | .065 | .034 | .010 |   |
| 8.0  | .072          | .035 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .010 | .063 | .032 | .009 |   |
| 9.0  | .069          | .034 | .009 | .068 | .033 | .009 | .066 | .032 | .009 | .063 | .032 | .009 | .061 | .031 | .009 |   |
| 10.0 | .067          | .032 | .009 | .066 | .032 | .009 | .063 | .031 | .009 | .061 | .030 | .009 | .059 | .030 | .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  | .117    | .117 | .117 | .100 | .100 | .100 | .068 | .068 | .068 | .039 | .039 | .039 | .013 | .013 | .013 |   |
| 1.0  | .105    | .097 | .090 | .090 | .083 | .077 | .061 | .057 | .054 | .035 | .033 | .031 | .011 | .011 | .010 |   |
| 2.0  | .095    | .082 | .071 | .081 | .070 | .061 | .056 | .049 | .043 | .032 | .028 | .025 | .010 | .009 | .008 |   |
| 3.0  | .087    | .070 | .056 | .074 | .060 | .049 | .051 | .042 | .034 | .029 | .024 | .020 | .009 | .008 | .007 |   |
| 4.0  | .080    | .061 | .046 | .069 | .052 | .040 | .047 | .037 | .028 | .027 | .021 | .017 | .009 | .007 | .005 |   |
| 5.0  | .074    | .053 | .038 | .064 | .046 | .033 | .044 | .032 | .023 | .026 | .019 | .014 | .008 | .006 | .005 |   |
| 6.0  | .070    | .048 | .032 | .060 | .041 | .028 | .041 | .029 | .020 | .024 | .017 | .012 | .008 | .006 | .004 |   |
| 7.0  | .066    | .043 | .027 | .056 | .037 | .023 | .039 | .026 | .017 | .023 | .015 | .010 | .007 | .005 | .003 |   |
| 8.0  | .062    | .039 | .023 | .053 | .034 | .020 | .037 | .024 | .014 | .022 | .014 | .008 | .007 | .005 | .003 |   |
| 9.0  | .059    | .036 | .020 | .051 | .031 | .017 | .035 | .022 | .012 | .020 | .013 | .007 | .007 | .004 | .002 |   |
| 10.0 | .056    | .033 | .017 | .048 | .029 | .015 | .034 | .020 | .011 | .020 | .012 | .006 | .006 | .004 | .002 |   |

C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2024-7-31

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-30G2000-C-83 Ra: 90  
 LENS: PM-1083C 50R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

UGR(Unified Glare Rating)数据表

|   |     |                      |      |      |                |      |                    |                  |      |      |      |
|---|-----|----------------------|------|------|----------------|------|--------------------|------------------|------|------|------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |     |                      |      |      |                |      |                    |                  |      |      |      |
| 灯具名称: 2418.121-ACOT-84-AM   |     |                      |      |      | 灯具类型:          |      |                    | 灯具重量:            |      |      |      |
| 灯具规格: 3000K   |     |                      |      |      | 外型尺寸:          |      |                    | 测试编号: 2407310974 |      |      |      |
| 制造厂商: RISE  |     |                      |      |      | 发光口面: 0.0064m2 |      |                    | 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  | 14.0                 | 14.8 | 14.2 | 15.0           | 15.1 | 14.3               | 15.2             | 14.5 | 15.3 | 15.5 |
|   | 3H  | 13.8                 | 14.6 | 14.1 | 14.8           | 15.0 | 14.1               | 14.9             | 14.4 | 15.1 | 15.3 |
|   | 4H  | 13.7                 | 14.5 | 14.0 | 14.7           | 14.9 | 14.1               | 14.8             | 14.3 | 15.0 | 15.2 |
|   | 6H  | 13.6                 | 14.3 | 13.9 | 14.6           | 14.8 | 14.0               | 14.7             | 14.3 | 14.9 | 15.2 |
|   | 8H  | 13.6                 | 14.3 | 13.9 | 14.5           | 14.8 | 13.9               | 14.6             | 14.2 | 14.9 | 15.1 |
|   | 12H | 13.5                 | 14.2 | 13.9 | 14.4           | 14.7 | 13.9               | 14.5             | 14.2 | 14.8 | 15.1 |
|   | 4H  | 2H                   | 13.7 | 14.5 | 14.0           | 14.7 | 14.9               | 14.1             | 14.8 | 14.3 | 15.0 |
|   | 3H  | 13.5                 | 14.2 | 13.9 | 14.4           | 14.7 | 13.9               | 14.5             | 14.2 | 14.8 | 15.1 |
|   | 4H  | 13.4                 | 14.0 | 13.8 | 14.3           | 14.6 | 13.8               | 14.4             | 14.1 | 14.7 | 15.0 |
|   | 6H  | 13.3                 | 13.9 | 13.7 | 14.2           | 14.5 | 13.7               | 14.2             | 14.1 | 14.5 | 14.9 |
|   | 8H  | 13.3                 | 13.8 | 13.7 | 14.1           | 14.5 | 13.6               | 14.1             | 14.0 | 14.5 | 14.8 |
|   | 12H | 13.2                 | 13.7 | 13.6 | 14.0           | 14.4 | 13.6               | 14.0             | 14.0 | 14.4 | 14.8 |
| 8H  | 4H  | 13.3                 | 13.8 | 13.7 | 14.1           | 14.5 | 13.6               | 14.1             | 14.0 | 14.5 |      |
|   | 6H  | 13.2                 | 13.6 | 13.6 | 14.0           | 14.4 | 13.5               | 13.9             | 14.0 | 14.3 |      |
|   | 8H  | 13.1                 | 13.5 | 13.6 | 13.9           | 14.3 | 13.5               | 13.8             | 13.9 | 14.2 |      |
|   | 12H | 13.1                 | 13.4 | 13.5 | 13.8           | 14.3 | 13.4               | 13.7             | 13.9 | 14.2 |      |
| 12H   | 4H  | 13.2                 | 13.7 | 13.6 | 14.0           | 14.4 | 13.6               | 14.0             | 14.0 | 14.4 |      |
|   | 6H  | 13.1                 | 13.5 | 13.6 | 13.9           | 14.3 | 13.5               | 13.8             | 13.9 | 14.2 |      |
|   | 8H  | 13.1                 | 13.4 | 13.5 | 13.8           | 14.3 | 13.4               | 13.7             | 13.9 | 14.2 |      |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):   |     |                      |      |      |                |      |                    |                  |      |      |      |
| S = 1.0H  |     | + 3.9 / -24.7        |      |      |                |      | + 4.3 / -28.1      |                  |      |      |      |
| 1.5H  |     | + 6.7 / -23.3        |      |      |                |      | + 7.1 / -26.6      |                  |      |      |      |
| 2.0H  |     | + 7.9 / -10.1        |      |      |                |      | + 7.9 / -10.4      |                  |      |      |      |

依据CIE Pub.117计算, 2916lm光源光通表格中的数据需要进行修正( $8\log(F/F_0) = 3.7$ )。  
出光口面积: 0.0064 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: 2024-7-31

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-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up



## UF利用系数表

|   |                            |                  |
|---|----------------------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                            |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:                      | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:                      | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m <sup>2</sup> | 遮光角:             |

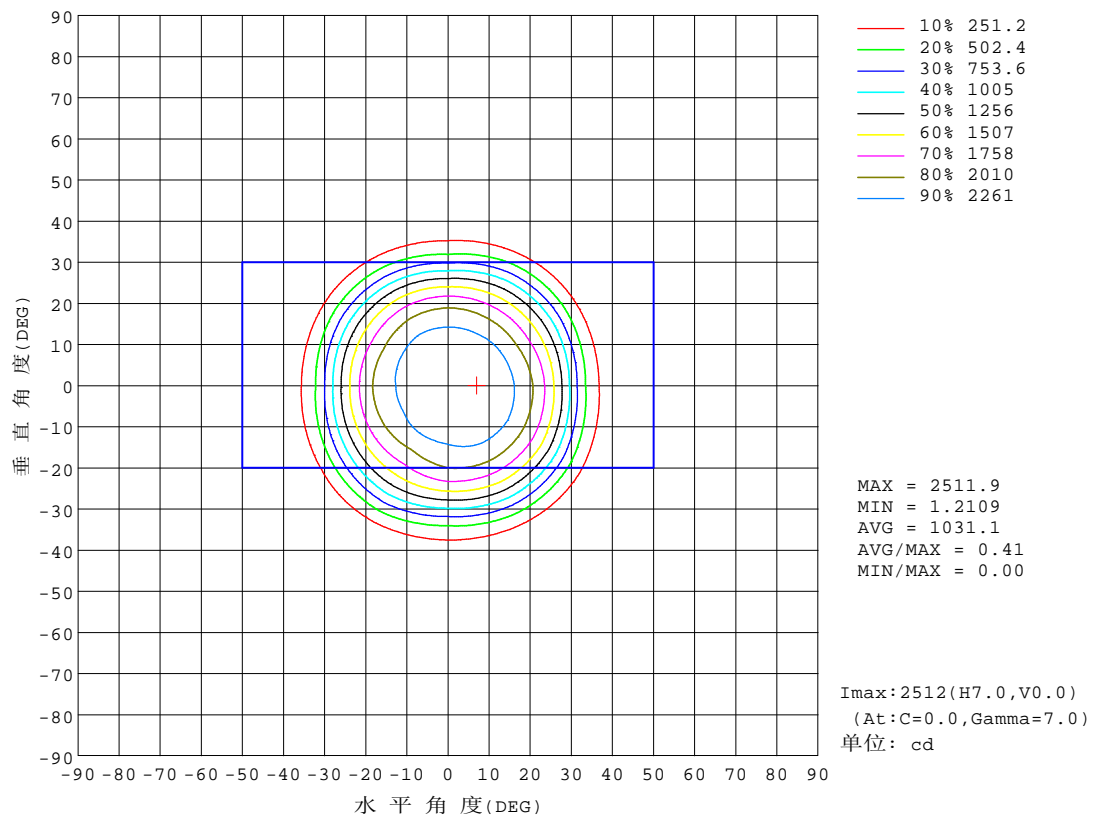
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |        |
| $k = 0.60$                 | 56   | 52  | 50  | 56  | 52  | 50  | 55                  | 52  | 50  | 48     |
| 0.80                       | 60   | 57  | 55  | 60  | 57  | 55  | 59                  | 57  | 55  | 53     |
| 1.00                       | 63   | 60  | 58  | 62  | 59  | 57  | 61                  | 59  | 57  | 55     |
| 1.25                       | 65   | 62  | 60  | 64  | 62  | 60  | 63                  | 61  | 59  | 57     |
| 1.50                       | 66   | 64  | 62  | 66  | 63  | 62  | 64                  | 62  | 61  | 58     |
| 2.00                       | 68   | 65  | 64  | 67  | 65  | 63  | 65                  | 64  | 62  | 59     |
| 2.50                       | 69   | 66  | 65  | 68  | 66  | 64  | 66                  | 64  | 63  | 60     |
| 3.00                       | 69   | 68  | 66  | 68  | 67  | 65  | 66                  | 65  | 64  | 60     |
| 4.00                       | 71   | 69  | 68  | 69  | 68  | 67  | 67                  | 66  | 65  | 61     |
| 5.00                       | 71   | 70  | 69  | 70  | 69  | 68  | 68                  | 67  | 66  | 62     |
| 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: 2024-7-31

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-30G2000-C-83 Ra:90  
 LENS: PM-1083C 50R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up

## 灯具等光强曲线

|   |                |                  |
|---|----------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:          | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:          | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m2 | 遮光角:             |



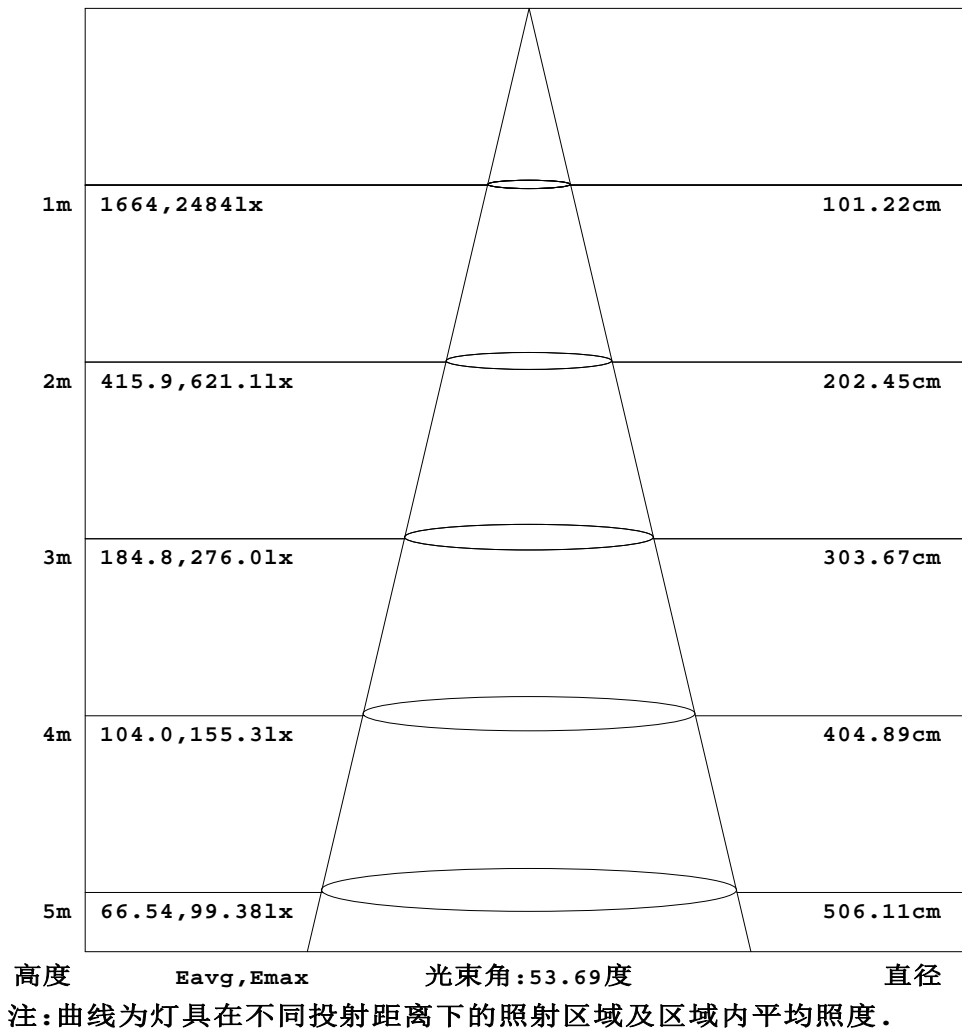
c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-7-31

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-30G2000-C-83 Ra:90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 灯 具 有 效 平 均 照 度 图

|   |                            |                  |
|---|----------------------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                            |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:                      | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:                      | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m <sup>2</sup> | 遮光角:             |

光通输出:1357 lm

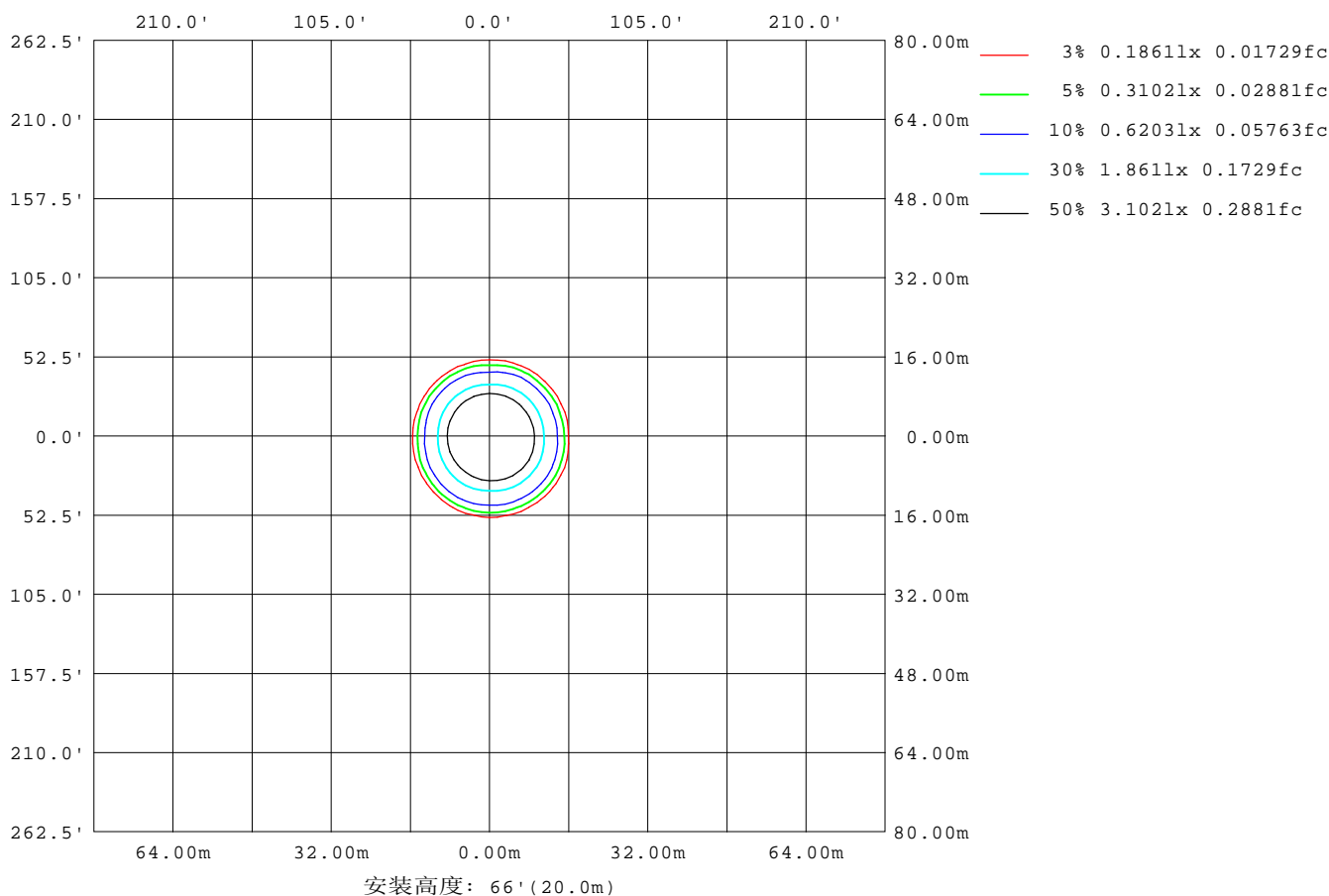


C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2024-7-31

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-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## 平面等照度曲线

|   |                            |                  |
|---|----------------------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                            |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:                      | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:                      | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m <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: 2024-7-31

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-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up

## LED筒灯平均亮度报告

|   |                            |                  |
|---|----------------------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                            |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:                      | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:                      | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m <sup>2</sup> | 遮光角:             |

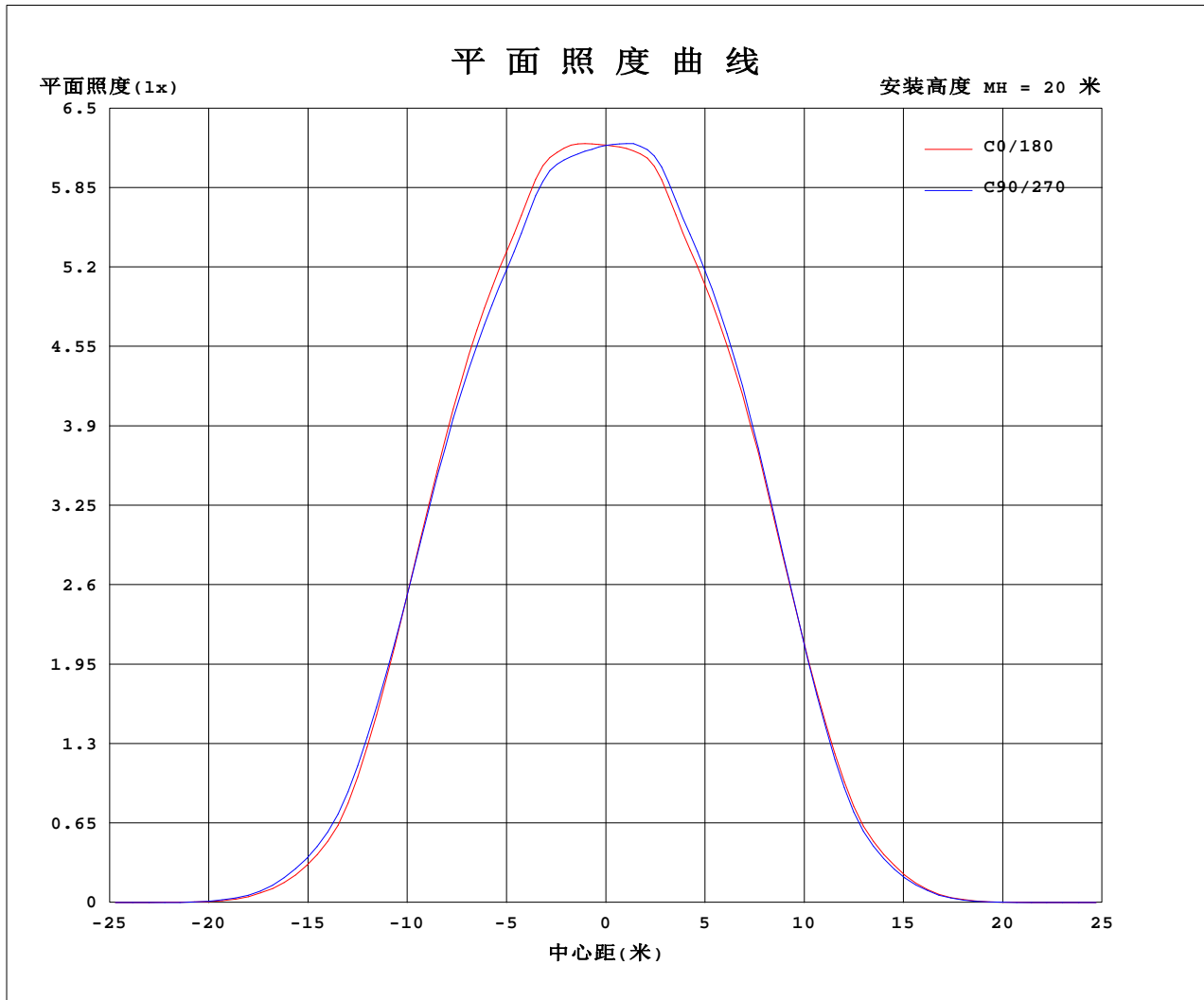
| 平均亮度      | 数值(cd/m <sup>2</sup> ) |
|-----------|------------------------|
| L横(65)av  | 63                     |
| L横(75)av  | 45                     |
| L横(85)av  | 89                     |
| L纵(65)av  | 99                     |
| L纵(75)av  | 36                     |
| L纵(85)av  | 78                     |
| L45(65)av | 119                    |
| L45(75)av | 38                     |
| L45(85)av | 60                     |

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: 2024-7-31

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-30G2000-C-83 Ra:90  
 LENS: PM-1083C 50R  
 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: 2024-7-31

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-30G2000-C-83 Ra: 90  
 LENS: PM-1083C 50R  
 DRIVER: PUP40A-1WMC-850 700mA  
 30minutes warm-up



光 强 分 布 数 据 表 格

|   |                |                  |
|---|----------------|------------------|
| 实测参数: U:120.05V I:0.2358A P:28.068W PF:0.9902 Freq:59.98Hz<br>实检光通: 2916.2x1 lm |                |                  |
| 灯具名称: 2418.121-ACOT-84-AM   | 灯具类型:          | 灯具重量:            |
| 灯具规格: 3000K   | 外型尺寸:          | 测试编号: 2407310974 |
| 制造厂商: RISE  | 发光口面: 0.0064m2 | 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                 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 | 2478 |  |        |  |  |  |  |
| 5                 | 2506 | 2502 | 2487 | 2469 | 2459 | 2463 | 2477 | 2492 | 2502 | 2504 | 2504 | 2506 |  |        |  |  |  |  |
| 10                | 2478 | 2503 | 2483 | 2422 | 2417 | 2374 | 2355 | 2416 | 2435 | 2406 | 2447 | 2482 |  |        |  |  |  |  |
| 15                | 2301 | 2332 | 2308 | 2237 | 2178 | 2162 | 2176 | 2177 | 2224 | 2227 | 2236 | 2272 |  |        |  |  |  |  |
| 20                | 2057 | 2086 | 2067 | 2013 | 1878 | 1888 | 1888 | 1863 | 1900 | 1919 | 1920 | 1956 |  |        |  |  |  |  |
| 25                | 1598 | 1679 | 1661 | 1584 | 1507 | 1443 | 1375 | 1402 | 1413 | 1383 | 1469 | 1528 |  |        |  |  |  |  |
| 30                | 944  | 1099 | 1097 | 987  | 995  | 880  | 749  | 799  | 788  | 721  | 872  | 942  |  |        |  |  |  |  |
| 35                | 364  | 483  | 485  | 420  | 441  | 350  | 287  | 291  | 275  | 262  | 322  | 366  |  |        |  |  |  |  |
| 40                | 102  | 137  | 139  | 128  | 116  | 91.0 | 60.6 | 76.8 | 70.2 | 54.3 | 80.3 | 93.9 |  |        |  |  |  |  |
| 45                | 10.2 | 26.8 | 24.8 | 12.9 | 20.2 | 13.0 | 4.49 | 11.2 | 8.82 | 3.18 | 12.0 | 16.0 |  |        |  |  |  |  |
| 50                | 2.55 | 3.15 | 2.36 | 1.46 | 2.36 | 2.46 | 1.76 | 2.31 | 1.78 | 1.40 | 1.88 | 2.42 |  |        |  |  |  |  |
| 55                | 1.60 | 1.23 | 0.82 | 0.70 | 0.73 | 0.91 | 1.38 | 1.29 | 1.08 | 1.12 | 1.13 | 1.22 |  |        |  |  |  |  |
| 60                | 0.78 | 0.78 | 0.54 | 0.45 | 0.52 | 0.60 | 0.62 | 0.82 | 0.71 | 0.62 | 0.78 | 0.80 |  |        |  |  |  |  |
| 65                | 0.18 | 0.32 | 0.36 | 0.38 | 0.40 | 0.29 | 0.16 | 0.26 | 0.27 | 0.16 | 0.30 | 0.27 |  |        |  |  |  |  |
| 70                | 0.12 | 0.14 | 0.23 | 0.18 | 0.24 | 0.18 | 0.13 | 0.10 | 0.10 | 0.10 | 0.08 | 0.09 |  |        |  |  |  |  |
| 75                | 0.08 | 0.07 | 0.07 | 0.06 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 |  |        |  |  |  |  |
| 80                | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 |  |        |  |  |  |  |
| 85                | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.05 | 0.03 | 0.04 | 0.04 | 0.03 | 0.03 |  |        |  |  |  |  |
| 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: 2024-7-31

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-30G2000-C-83 Ra: 90  
LENS: PM-1083C 50R  
DRIVER: PUP40A-1WMC-850 700mA  
30minutes warm-up