

## 燈 具 實 物 照 片



|                     |         |                          |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 73.7%   |                          |
| Luminaire Power:    | 16.45 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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR:PM-1092C 50R  
 DRIVER:9290 028 088 350mA  
 30minutes warm-up

## 灯具配光曲线及特征面照片

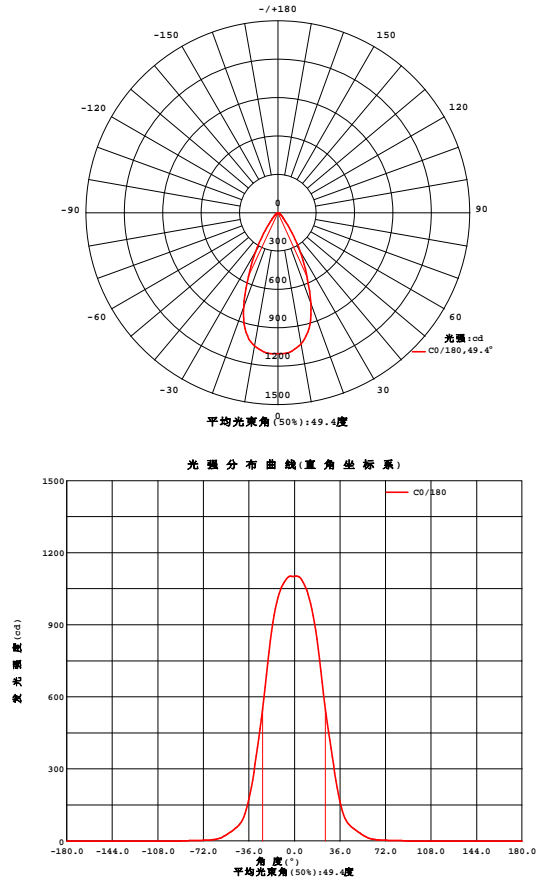


Fig. C0/C180

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: 2023-9-16

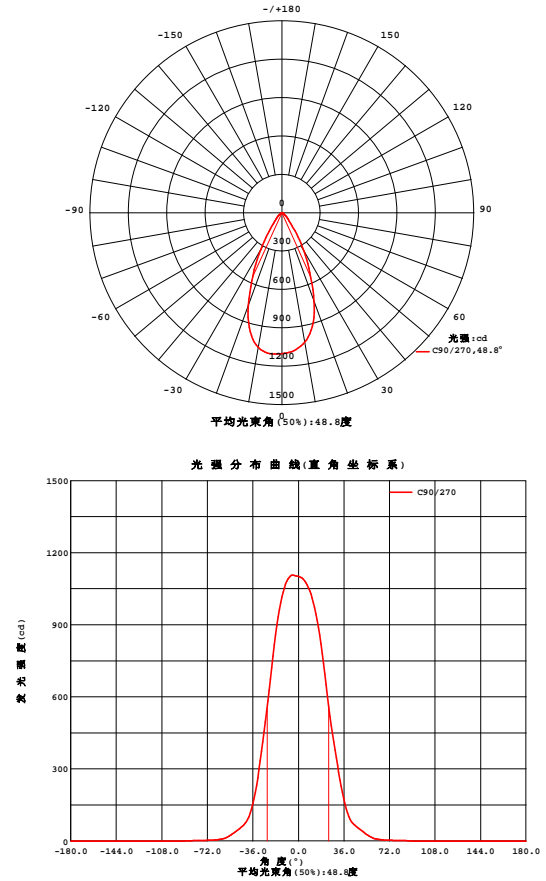


Fig. C90/C270

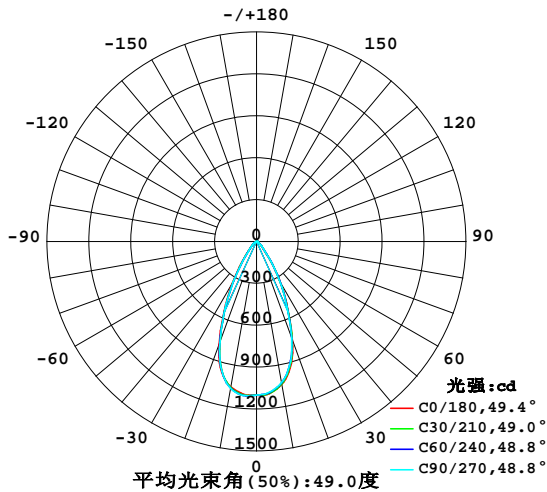
Y角度范围: 0度 - 180度  
Y角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up

## 室内灯具光度数据

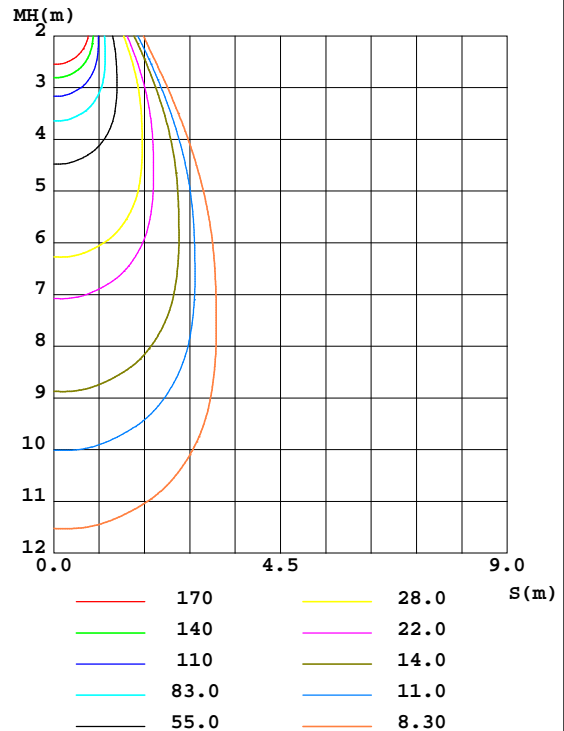
|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

| 光源数据      |         | 光度数据     |        |                 |          | 光效: 49.25 lm/W |
|-----------|---------|----------|--------|-----------------|----------|----------------|
| 型号        | CREE    | 峰值光强(cd) | 1107   | S/MH(C0/180)    | 0.77     |                |
| 标称功率(W)   | 16      | 灯具效率(%)  | 73.7   | S/MH(C90/270)   | 0.76     |                |
| 额定电源电压(V) | 220     | 总光通量(lm) | 810.04 | UP,DN(C0-180)   | 0.0,36.7 |                |
| 额定光通量(lm) | 1099.47 | CIE分类    | 直接     | UP,DN(C180-360) | 0.0,37.0 |                |
| 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(%) | 73.7   | 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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up

## 灯具环带光通量

环带光通量:

|       | C0     | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma(^{\circ})$ | 环      | 总     | %lum, lamp |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------------------|--------|-------|------------|
| 10    | 1041   | 1033  | 1028  | 1042  | 1057  | 1065  | 1069  | 1059  | 0- 10              | 103.1  | 103.1 | 12.7, 9.38 |
| 20    | 754.3  | 744.0 | 738.0 | 751.6 | 786.3 | 769.9 | 768.7 | 776.3 | 10- 20             | 259.5  | 362.6 | 44.8, 33   |
| 30    | 350.0  | 351.0 | 347.1 | 350.8 | 353.0 | 335.0 | 334.4 | 357.7 | 20- 30             | 245.3  | 607.9 | 75, 55.3   |
| 40    | 95.46  | 99.56 | 101.8 | 101.5 | 99.60 | 92.46 | 90.89 | 96.06 | 30- 40             | 124.5  | 732.4 | 90.4, 66.6 |
| 50    | 39.59  | 42.23 | 42.78 | 40.87 | 38.56 | 37.19 | 36.66 | 39.08 | 40- 50             | 48.14  | 780.5 | 96.4, 71   |
| 60    | 10.01  | 10.50 | 10.63 | 10.26 | 9.748 | 8.846 | 8.885 | 9.729 | 50- 60             | 20.30  | 800.8 | 98.9, 72.8 |
| 70    | 3.214  | 3.347 | 3.326 | 3.133 | 3.014 | 2.960 | 3.021 | 3.134 | 60- 70             | 5.434  | 806.3 | 99.5, 73.3 |
| 80    | 2.015  | 2.095 | 2.041 | 1.847 | 1.730 | 1.716 | 1.797 | 1.917 | 70- 80             | 2.577  | 808.8 | 99.9, 73.6 |
| 90    | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 80- 90             | 1.209  | 810.0 | 100, 73.7  |
| 100   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90-100             | 0      | 810.0 | 100, 73.7  |
| 110   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-110            | 0      | 810.0 | 100, 73.7  |
| 120   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-120            | 0      | 810.0 | 100, 73.7  |
| 130   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-130            | 0      | 810.0 | 100, 73.7  |
| 140   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-140            | 0      | 810.0 | 100, 73.7  |
| 150   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-150            | 0      | 810.0 | 100, 73.7  |
| 160   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-160            | 0      | 810.0 | 100, 73.7  |
| 170   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-170            | 0      | 810.0 | 100, 73.7  |
| 180   | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-180            | 0      | 810.0 | 100, 73.7  |
| 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: 2023-9-16

$\gamma$ 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: CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR: PM-1092C 50R  
 DRIVER: 9290 028 088 350mA  
 30minutes warm-up

## 灯具亮度限制曲线

实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz  
实检光通: 1099.47x1 lm

灯具名称: 2118.579-ACOT-36R

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

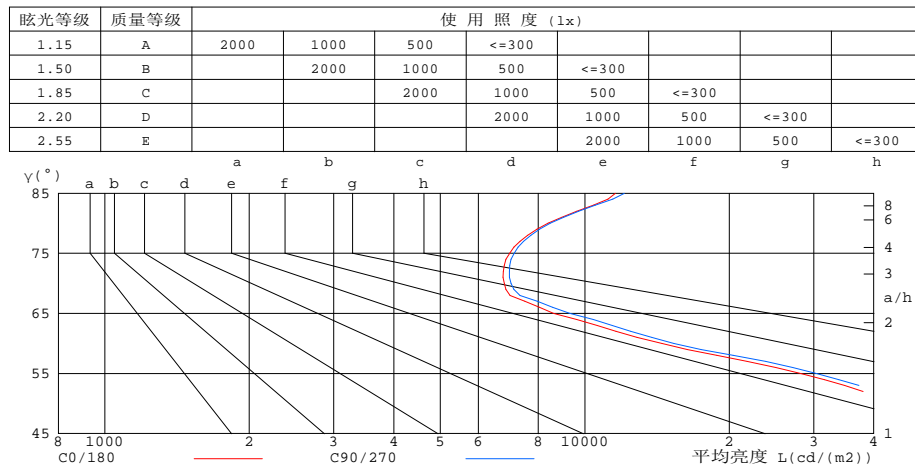
测试编号: 2309161157

制造厂商: RISE

发光口面: 0.00138474m<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            | 11570  | 12087   |
| 80            | 8392   | 8482    |
| 75            | 6975   | 7129    |
| 70            | 6794   | 7020    |
| 65            | 8610   | 9309    |
| 60            | 14480  | 15346   |
| 55            | 28195  | 30395   |
| 50            | 44531  | 48045   |
| 45            | 61075  | 65304   |

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: 2023-9-16

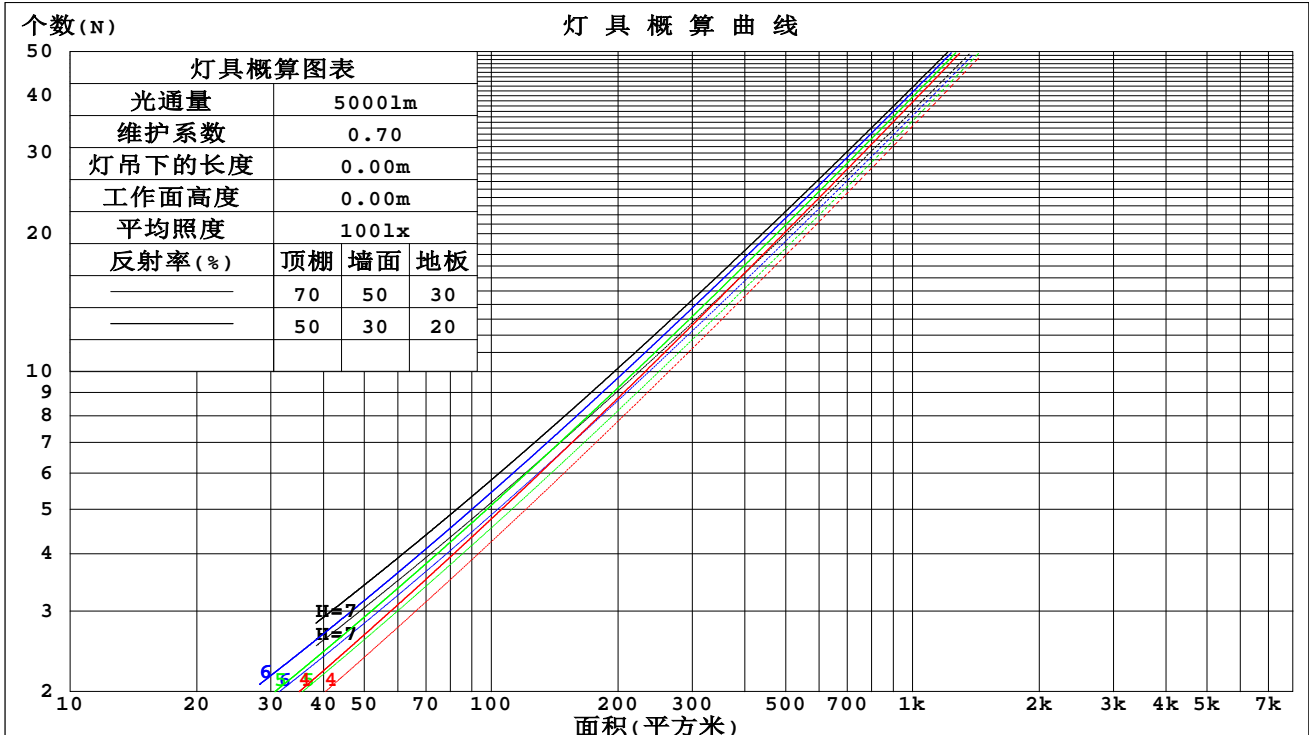
γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP: CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR: PM-1092C 50R  
DRIVER: 9290 028 088 350mA  
30minutes warm-up

## 工作面利用系数和灯具概算曲线

实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz  
实检光通: 1099.47x1 lm

|                         |                    |                  |
|-------------------------|--------------------|------------------|
| 灯具名称: 2118.579-ACOT-36R | 灯具类型:              | 灯具重量:            |
| 灯具规格: 3000K             | 外型尺寸:              | 测试编号: 2309161157 |
| 制造厂商: RISE              | 发光口面: 0.00138474m2 | 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  | .88           | .88 | .88 | .86 | .86 | .86 | .82 | .82 | .82 | .78 | .78 | .78 | .75 | .75 | .75 | .74 |
| 1.0  | .82           | .80 | .78 | .80 | .78 | .77 | .77 | .76 | .75 | .74 | .73 | .72 | .72 | .71 | .70 | .69 |
| 2.0  | .76           | .73 | .71 | .75 | .72 | .70 | .72 | .70 | .68 | .70 | .68 | .67 | .68 | .67 | .65 | .64 |
| 3.0  | .71           | .67 | .65 | .70 | .67 | .64 | .68 | .65 | .63 | .66 | .64 | .62 | .65 | .63 | .61 | .60 |
| 4.0  | .67           | .63 | .60 | .66 | .62 | .59 | .64 | .61 | .58 | .63 | .60 | .58 | .61 | .59 | .57 | .56 |
| 5.0  | .63           | .58 | .55 | .62 | .58 | .55 | .61 | .57 | .54 | .59 | .56 | .54 | .58 | .56 | .54 | .52 |
| 6.0  | .59           | .55 | .52 | .58 | .54 | .51 | .57 | .54 | .51 | .56 | .53 | .51 | .55 | .52 | .50 | .49 |
| 7.0  | .56           | .51 | .48 | .55 | .51 | .48 | .54 | .51 | .48 | .53 | .50 | .48 | .52 | .50 | .47 | .46 |
| 8.0  | .53           | .48 | .45 | .52 | .48 | .45 | .51 | .48 | .45 | .51 | .47 | .45 | .50 | .47 | .45 | .44 |
| 9.0  | .50           | .46 | .43 | .50 | .46 | .43 | .49 | .45 | .43 | .48 | .45 | .42 | .48 | .45 | .42 | .41 |
| 10.0 | .47           | .43 | .41 | .47 | .43 | .40 | .46 | .43 | .40 | .46 | .43 | .40 | .45 | .42 | .40 | .39 |



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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up

## 墙面和天花板利用系数

|  |                    |                  |
|--|--------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                    |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:              | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:              | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m2 | 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  | .131          | .074 | .024 | .126 | .072 | .023 | .117 | .067 | .021 | .108 | .062 | .020 | .100 | .058 | .019 |   |
| 2.0  | .125          | .068 | .021 | .120 | .066 | .020 | .113 | .063 | .019 | .106 | .059 | .019 | .099 | .056 | .018 |   |
| 3.0  | .118          | .063 | .019 | .115 | .061 | .019 | .108 | .059 | .018 | .102 | .056 | .017 | .096 | .053 | .016 |   |
| 4.0  | .112          | .058 | .017 | .109 | .057 | .017 | .104 | .055 | .016 | .098 | .053 | .016 | .093 | .051 | .015 |   |
| 5.0  | .107          | .054 | .016 | .104 | .053 | .016 | .099 | .052 | .015 | .095 | .050 | .015 | .090 | .048 | .014 |   |
| 6.0  | .102          | .051 | .015 | .099 | .050 | .014 | .095 | .049 | .014 | .091 | .047 | .014 | .087 | .046 | .014 |   |
| 7.0  | .097          | .048 | .014 | .095 | .047 | .013 | .091 | .046 | .013 | .087 | .045 | .013 | .084 | .044 | .013 |   |
| 8.0  | .093          | .045 | .013 | .091 | .045 | .013 | .087 | .044 | .012 | .084 | .043 | .012 | .081 | .042 | .012 |   |
| 9.0  | .089          | .043 | .012 | .087 | .042 | .012 | .084 | .042 | .012 | .081 | .041 | .012 | .078 | .040 | .011 |   |
| 10.0 | .085          | .041 | .011 | .084 | .040 | .011 | .081 | .040 | .011 | .078 | .039 | .011 | .076 | .038 | .011 |   |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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  | .140    | .140 | .140 | .120 | .120 | .120 | .082 | .082 | .082 | .047 | .047 | .047 | .015 | .015 | .015 |   |
| 1.0  | .126    | .116 | .107 | .108 | .099 | .092 | .074 | .068 | .064 | .042 | .040 | .037 | .014 | .013 | .012 |   |
| 2.0  | .115    | .098 | .083 | .098 | .084 | .072 | .067 | .058 | .050 | .039 | .034 | .029 | .012 | .011 | .010 |   |
| 3.0  | .106    | .084 | .066 | .091 | .072 | .057 | .062 | .050 | .040 | .036 | .029 | .024 | .012 | .010 | .008 |   |
| 4.0  | .098    | .073 | .054 | .084 | .063 | .047 | .058 | .044 | .033 | .033 | .026 | .019 | .011 | .008 | .006 |   |
| 5.0  | .092    | .064 | .044 | .079 | .056 | .038 | .054 | .039 | .027 | .031 | .023 | .016 | .010 | .007 | .005 |   |
| 6.0  | .086    | .057 | .037 | .074 | .050 | .032 | .051 | .035 | .023 | .030 | .020 | .013 | .010 | .007 | .004 |   |
| 7.0  | .081    | .052 | .031 | .070 | .045 | .027 | .048 | .031 | .019 | .028 | .019 | .011 | .009 | .006 | .004 |   |
| 8.0  | .077    | .047 | .027 | .066 | .041 | .023 | .046 | .029 | .017 | .027 | .017 | .010 | .009 | .006 | .003 |   |
| 9.0  | .073    | .043 | .023 | .063 | .038 | .020 | .044 | .026 | .014 | .025 | .016 | .009 | .008 | .005 | .003 |   |
| 10.0 | .070    | .040 | .020 | .060 | .035 | .018 | .042 | .024 | .013 | .024 | .014 | .008 | .008 | .005 | .002 |   |

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测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2023-9-16

γ角度范围: 0度 - 180度  
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测试系统: 远方(EVERFINE)GO-SPEX500\_V1系统 V2.00.461  
环境湿度: 65.0%  
测试距离: 3.160米 [K=1.0000]  
备注: LAMP:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up

## UGR(Unified Glare Rating)数据表

|  |     |                      |      |      |                    |      |                    |                  |      |      |      |      |
|--|-----|----------------------|------|------|--------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |     |                      |      |      |                    |      |                    |                  |      |      |      |      |
| 灯具名称: 2118.579-ACOT-36R  |     |                      |      |      | 灯具类型:              |      |                    | 灯具重量:            |      |      |      |      |
| 灯具规格: 3000K  |     |                      |      |      | 外型尺寸:              |      |                    | 测试编号: 2309161157 |      |      |      |      |
| 制造厂商: RISE   |     |                      |      |      | 发光口面: 0.00138474m2 |      |                    | 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  | 21.6                 | 22.5 | 21.8 | 22.7               | 22.8 | 21.7               | 22.6             | 21.9 | 22.8 | 22.9 |      |
|  | 3H  | 21.4                 | 22.3 | 21.7 | 22.5               | 22.7 | 21.6               | 22.4             | 21.8 | 22.6 | 22.8 |      |
|  | 4H  | 21.4                 | 22.2 | 21.7 | 22.4               | 22.6 | 21.5               | 22.3             | 21.8 | 22.5 | 22.8 |      |
|  | 6H  | 21.4                 | 22.1 | 21.7 | 22.4               | 22.6 | 21.5               | 22.2             | 21.8 | 22.5 | 22.7 |      |
|  | 8H  | 21.3                 | 22.1 | 21.7 | 22.3               | 22.6 | 21.5               | 22.2             | 21.8 | 22.4 | 22.7 |      |
|  | 12H | 21.3                 | 22.0 | 21.7 | 22.3               | 22.6 | 21.4               | 22.2             | 21.8 | 22.4 | 22.7 |      |
|  | 4H  | 2H                   | 21.4 | 22.2 | 21.7               | 22.4 | 22.6               | 21.5             | 22.3 | 21.8 | 22.5 | 22.8 |
|  | 3H  | 21.3                 | 22.0 | 21.6 | 22.3               | 22.5 | 21.4               | 22.1             | 21.7 | 22.4 | 22.7 |      |
|  | 4H  | 21.3                 | 21.9 | 21.6 | 22.2               | 22.5 | 21.4               | 22.0             | 21.7 | 22.3 | 22.6 |      |
|  | 6H  | 21.3                 | 21.8 | 21.6 | 22.1               | 22.5 | 21.4               | 21.9             | 21.7 | 22.3 | 22.6 |      |
|  | 8H  | 21.3                 | 21.8 | 21.7 | 22.1               | 22.5 | 21.4               | 21.9             | 21.8 | 22.2 | 22.6 |      |
|  | 12H | 21.3                 | 21.8 | 21.7 | 22.1               | 22.5 | 21.4               | 21.9             | 21.8 | 22.2 | 22.6 |      |
| 8H   | 4H  | 21.2                 | 21.7 | 21.6 | 22.0               | 22.4 | 21.3               | 21.8             | 21.7 | 22.1 | 22.5 |      |
|  | 6H  | 21.2                 | 21.6 | 21.6 | 22.0               | 22.4 | 21.3               | 21.7             | 21.7 | 22.1 | 22.5 |      |
|  | 8H  | 21.2                 | 21.6 | 21.7 | 22.0               | 22.5 | 21.3               | 21.7             | 21.8 | 22.1 | 22.6 |      |
|  | 12H | 21.3                 | 21.6 | 21.8 | 22.1               | 22.5 | 21.4               | 21.7             | 21.9 | 22.2 | 22.6 |      |
| 12H  | 4H  | 21.1                 | 21.6 | 21.5 | 22.0               | 22.4 | 21.2               | 21.7             | 21.6 | 22.1 | 22.5 |      |
|  | 6H  | 21.2                 | 21.5 | 21.6 | 21.9               | 22.4 | 21.3               | 21.6             | 21.7 | 22.1 | 22.5 |      |
|  | 8H  | 21.2                 | 21.5 | 21.7 | 22.0               | 22.5 | 21.3               | 21.6             | 21.8 | 22.1 | 22.6 |      |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117):  |     |                      |      |      |                    |      |                    |                  |      |      |      |      |
| S = 1.0H   |     | + 2.3 / - 3.8        |      |      |                    |      | + 2.5 / - 3.7      |                  |      |      |      |      |
| 1.5H   |     | + 3.2 / - 2.5        |      |      |                    |      | + 3.3 / - 2.7      |                  |      |      |      |      |
| 2.0H   |     | + 3.4 / - 4.0        |      |      |                    |      | + 3.5 / - 4.1      |                  |      |      |      |      |

依据CIE Pub.117计算, 1099lm光源光通表格中的数据需要进行修正( $8\log(F/F_0) = 0.3$ )。  
出光口面积: 0.00138474 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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up



## UF利用系数表

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

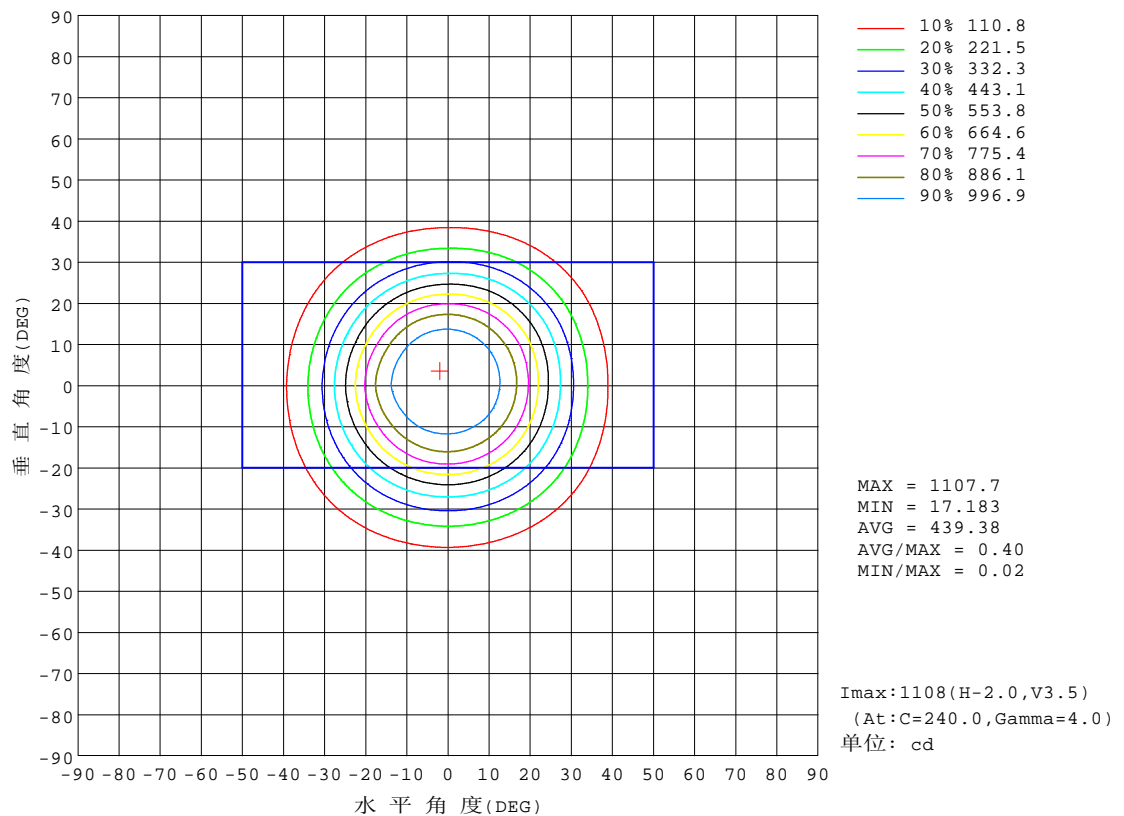
| 反 射 比 / REFLECTANCE        |  |     |     |     |     |     |                     |     |     |        |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板                        | 0.8  | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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(%) $k(RI) \times RCR = 5$ |     |     |     |     |     |                     |     |     |        |
| $k = 0.60$                 | 63   | 58  | 55  | 63  | 58  | 55  | 62                  | 58  | 55  | 52     |
| 0.80                       | 69   | 64  | 61  | 68  | 64  | 61  | 67                  | 63  | 61  | 58     |
| 1.00                       | 72   | 68  | 65  | 72  | 68  | 65  | 70                  | 68  | 64  | 61     |
| 1.25                       | 75   | 71  | 69  | 75  | 71  | 68  | 73                  | 70  | 68  | 65     |
| 1.50                       | 77   | 74  | 71  | 77  | 73  | 71  | 75                  | 72  | 70  | 67     |
| 2.00                       | 80   | 76  | 74  | 79  | 76  | 73  | 76                  | 74  | 72  | 68     |
| 2.50                       | 81   | 78  | 76  | 80  | 77  | 75  | 77                  | 75  | 74  | 69     |
| 3.00                       | 82   | 79  | 77  | 81  | 78  | 77  | 78                  | 76  | 75  | 70     |
| 4.00                       | 84   | 81  | 80  | 82  | 80  | 79  | 79                  | 78  | 77  | 71     |
| 5.00                       | 85   | 83  | 81  | 83  | 81  | 80  | 80                  | 79  | 78  | 72     |
| 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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR:PM-1092C 50R  
 DRIVER:9290 028 088 350mA  
 30minutes warm-up

## 灯具等光强曲线

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

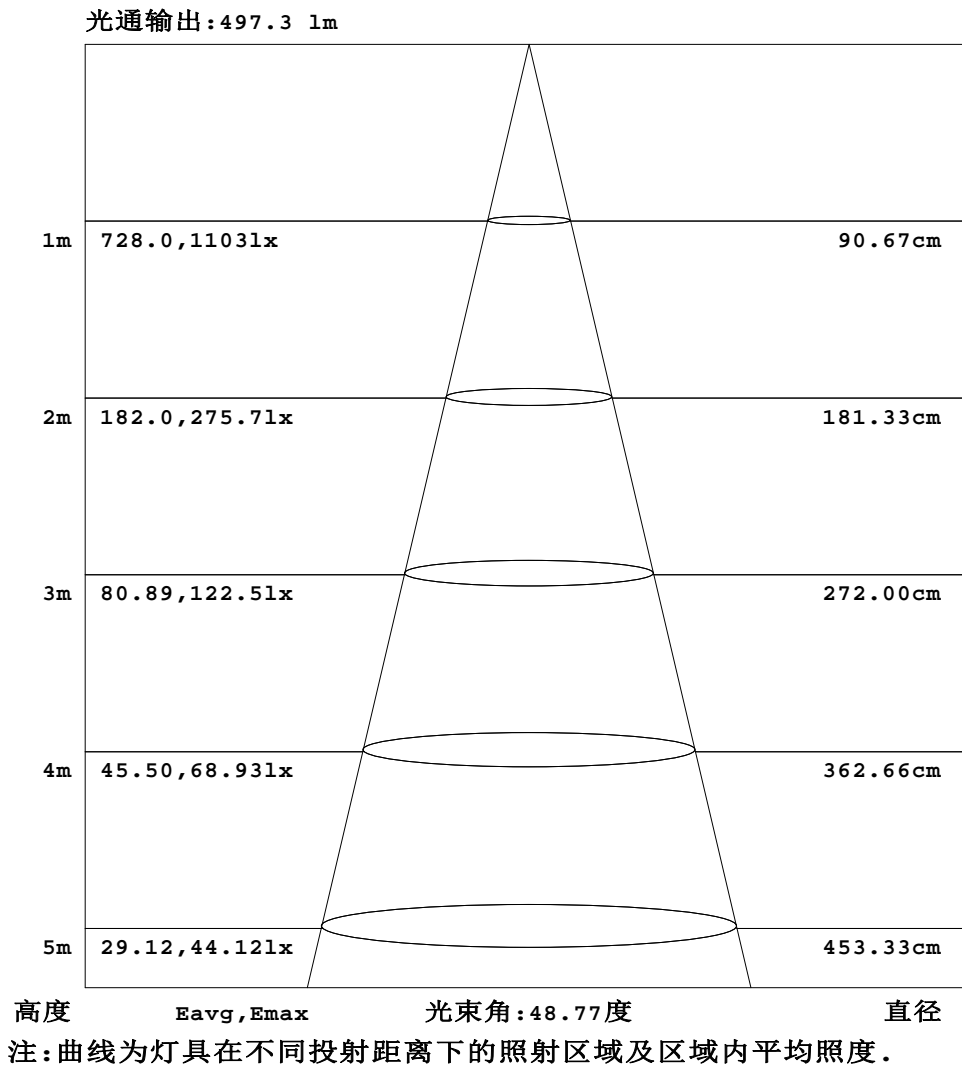


c角度范围: 0度 - 360度  
c角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: zoe  
测试日期: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR:PM-1092C 50R  
DRIVER:9290 028 088 350mA  
30minutes warm-up

## 灯具有效平均照度图

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

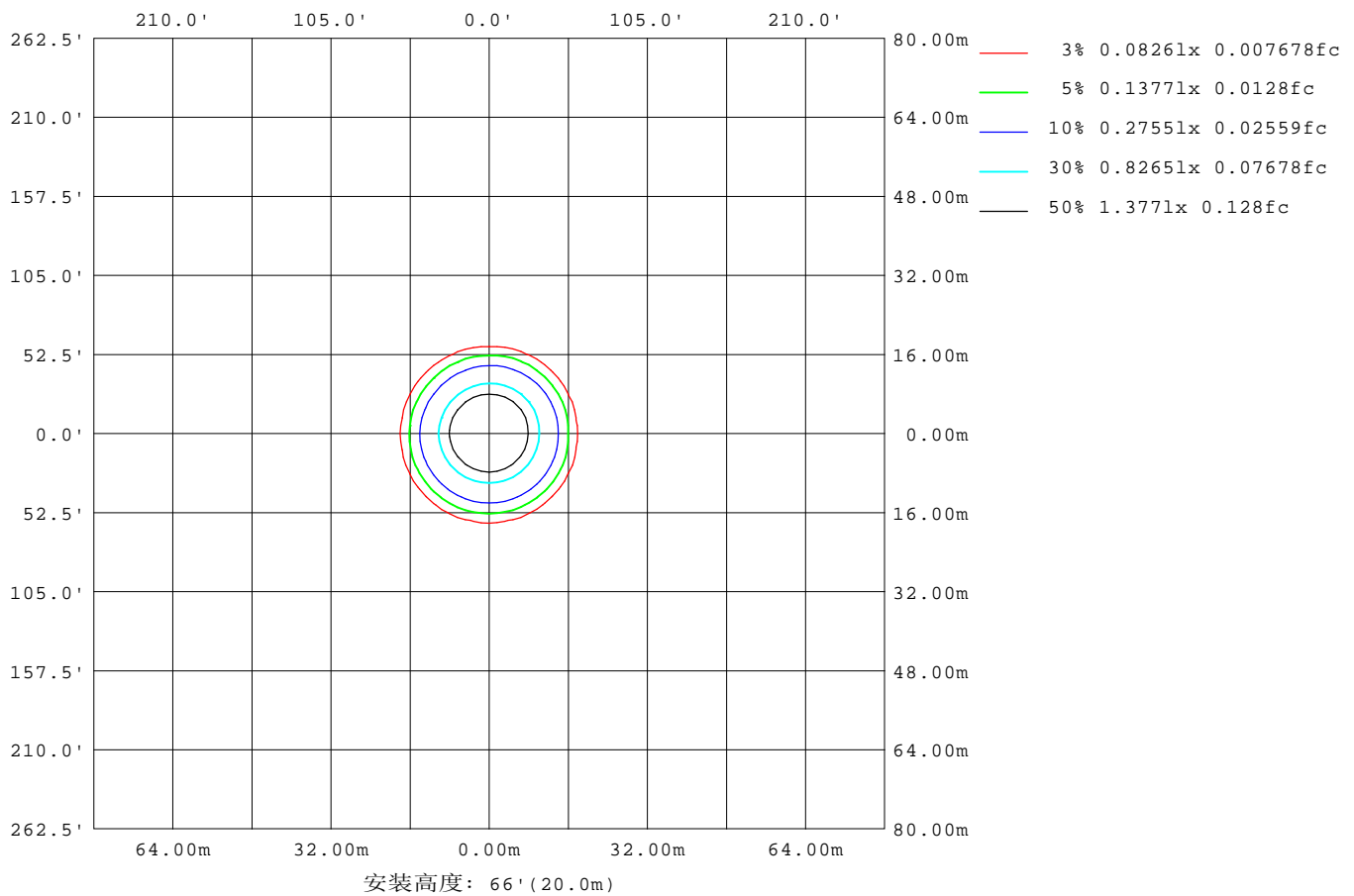


C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: zoe  
 测试日期: 2023-9-16

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: CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR: PM-1092C 50R  
 DRIVER: 9290 028 088 350mA  
 30minutes warm-up

## 平面等照度曲线

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <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: 2023-9-16

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: CMA1306-0000-000N0U0A30G Ra:90  
REFLECTOR: PM-1092C 50R  
DRIVER: 9290 028 088 350mA  
30minutes warm-up

## LED筒灯平均亮度报告

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

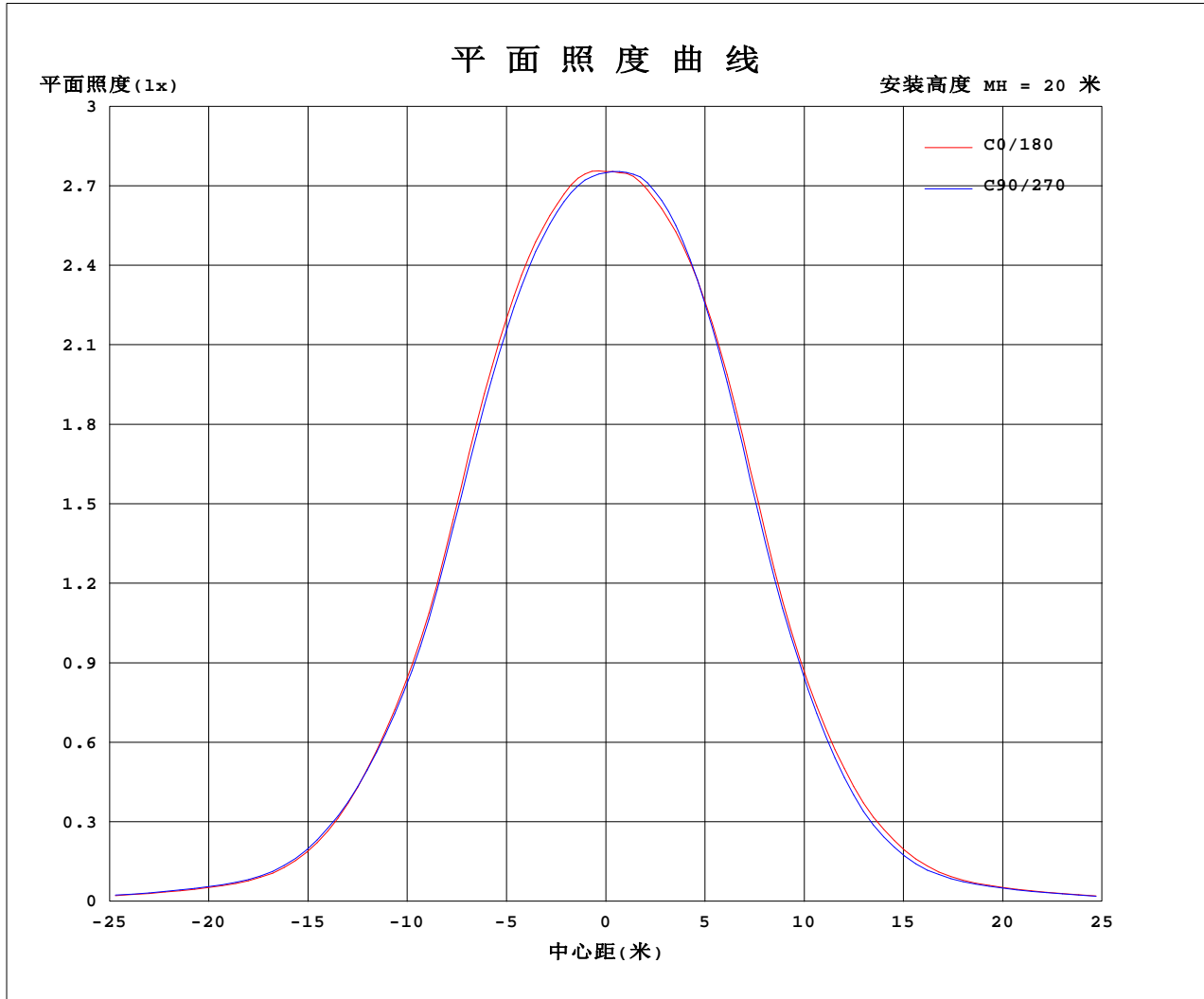
| 平均亮度      | 数值(cd/m <sup>2</sup> ) |
|-----------|------------------------|
| L横(65)av  | 8514                   |
| L横(75)av  | 6635                   |
| L横(85)av  | 10209                  |
| L纵(65)av  | 8622                   |
| L纵(75)av  | 6777                   |
| L纵(85)av  | 10510                  |
| L45(65)av | 8579                   |
| L45(75)av | 6692                   |
| L45(85)av | 10299                  |

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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR:PM-1092C 50R  
 DRIVER:9290 028 088 350mA  
 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: 2023-9-16

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: CMA1306-0000-000N0U0A30G Ra:90  
 REFLECTOR: PM-1092C 50R  
 DRIVER: 9290 028 088 350mA  
 30minutes warm-up

## 光强分布数据表格

|  |                                |                  |
|--|--------------------------------|------------------|
| 实测参数: U:220.16V I:0.0757A P:16.447W PF:0.9853 Freq:49.99Hz<br>实检光通: 1099.47x1 lm |                                |                  |
| 灯具名称: 2118.579-ACOT-36R  | 灯具类型:                          | 灯具重量:            |
| 灯具规格: 3000K  | 外型尺寸:                          | 测试编号: 2309161157 |
| 制造厂商: RISE   | 发光口面: 0.00138474m <sup>2</sup> | 遮光角:             |

表--1

单位: cd

| C( DEG)<br>( DEG) | 0    | 30   | 60    | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|-------------------|------|------|-------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                 | 1101 | 1101 | 1101  | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 | 1101 |  |  |  |  |  |  |
| 5                 | 1093 | 1091 | 1086  | 1083 | 1085 | 1090 | 1097 | 1102 | 1107 | 1107 | 1105 | 1100 |  |  |  |  |  |  |
| 10                | 1041 | 1038 | 1029  | 1028 | 1037 | 1047 | 1057 | 1062 | 1068 | 1069 | 1065 | 1054 |  |  |  |  |  |  |
| 15                | 937  | 928  | 918   | 919  | 927  | 941  | 968  | 959  | 964  | 962  | 958  | 950  |  |  |  |  |  |  |
| 20                | 754  | 749  | 739   | 738  | 745  | 758  | 786  | 769  | 771  | 769  | 777  | 775  |  |  |  |  |  |  |
| 25                | 530  | 525  | 521   | 518  | 523  | 533  | 550  | 538  | 537  | 538  | 555  | 555  |  |  |  |  |  |  |
| 30                | 350  | 352  | 350   | 347  | 349  | 352  | 353  | 339  | 331  | 334  | 353  | 362  |  |  |  |  |  |  |
| 35                | 193  | 201  | 201   | 202  | 200  | 200  | 198  | 185  | 179  | 178  | 191  | 197  |  |  |  |  |  |  |
| 40                | 95.5 | 99.1 | 100.0 | 102  | 102  | 101  | 99.6 | 94.4 | 90.6 | 90.9 | 94.7 | 97.5 |  |  |  |  |  |  |
| 45                | 59.7 | 62.3 | 63.7  | 64.0 | 63.0 | 61.5 | 59.8 | 58.9 | 57.3 | 57.3 | 59.6 | 60.2 |  |  |  |  |  |  |
| 50                | 39.6 | 41.7 | 42.8  | 42.8 | 41.8 | 40.0 | 38.6 | 37.7 | 36.7 | 36.7 | 38.7 | 39.4 |  |  |  |  |  |  |
| 55                | 22.4 | 23.5 | 24.1  | 24.2 | 23.6 | 22.6 | 21.8 | 20.5 | 19.8 | 19.8 | 21.2 | 22.4 |  |  |  |  |  |  |
| 60                | 10.0 | 10.5 | 10.5  | 10.6 | 10.5 | 10.1 | 9.75 | 9.11 | 8.58 | 8.88 | 9.43 | 10.0 |  |  |  |  |  |  |
| 65                | 5.03 | 5.35 | 5.45  | 5.45 | 5.25 | 5.03 | 4.93 | 4.63 | 4.56 | 4.64 | 4.82 | 5.07 |  |  |  |  |  |  |
| 70                | 3.21 | 3.32 | 3.37  | 3.33 | 3.19 | 3.07 | 3.01 | 2.95 | 2.97 | 3.02 | 3.09 | 3.18 |  |  |  |  |  |  |
| 75                | 2.50 | 2.58 | 2.60  | 2.56 | 2.43 | 2.31 | 2.26 | 2.21 | 2.24 | 2.30 | 2.37 | 2.45 |  |  |  |  |  |  |
| 80                | 2.02 | 2.09 | 2.10  | 2.04 | 1.91 | 1.78 | 1.73 | 1.70 | 1.74 | 1.80 | 1.87 | 1.96 |  |  |  |  |  |  |
| 85                | 1.39 | 1.53 | 1.55  | 1.46 | 1.27 | 1.10 | 1.07 | 0.96 | 0.99 | 1.08 | 1.21 | 1.34 |  |  |  |  |  |  |
| 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: 2023-9-16

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:CMA1306-0000-000N0U0A30G Ra:90

REFLECTOR:PM-1092C 50R

DRIVER:9290 028 088 350mA

30minutes warm-up