

燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 71.3% | |
| Luminaire Power: | 6.499 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: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
 LENS: HK 50R
 NO DRIVER: DC 24V
 30minutes warm-up

灯具配光曲线及特征面照片

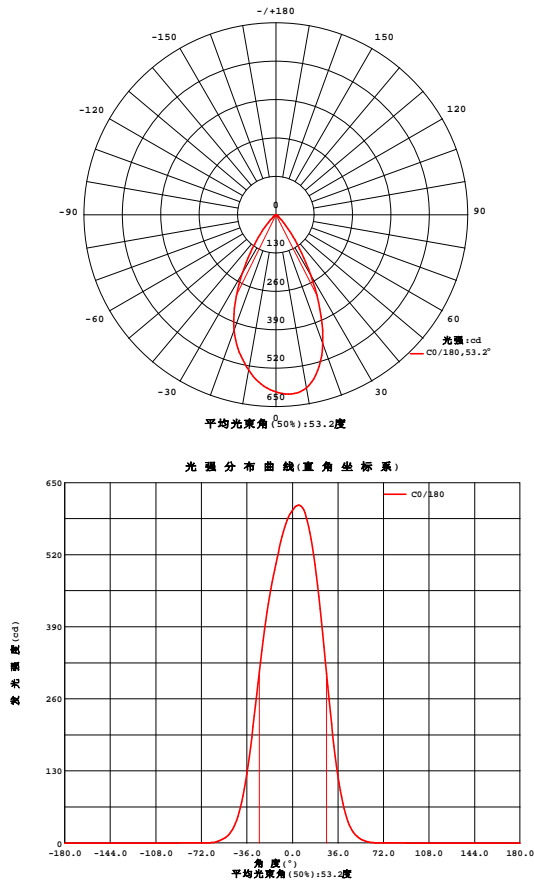


Fig. C0/C180

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: 2024-10-11

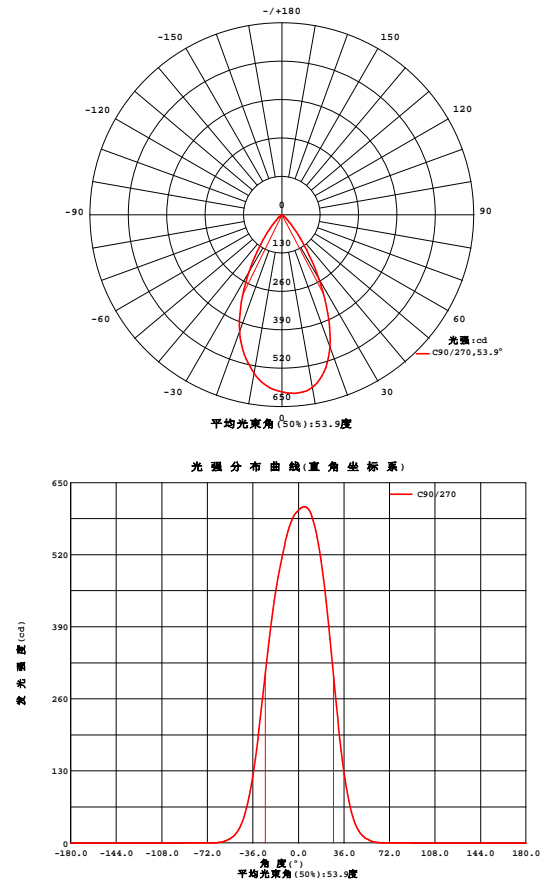


Fig. C90/C270

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: CMA1306-0000-000F0U0A30G Ra: 90
LENS: HK 50R
NO DRIVER: DC 24V
30minutes warm-up

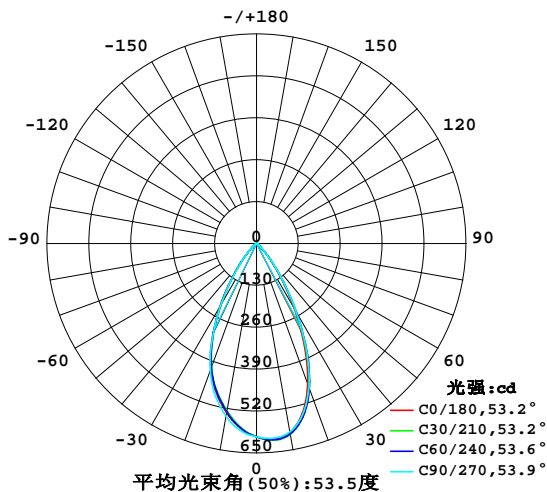
室内灯具光度数据

实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz
实检光通: 673.86x1 lm

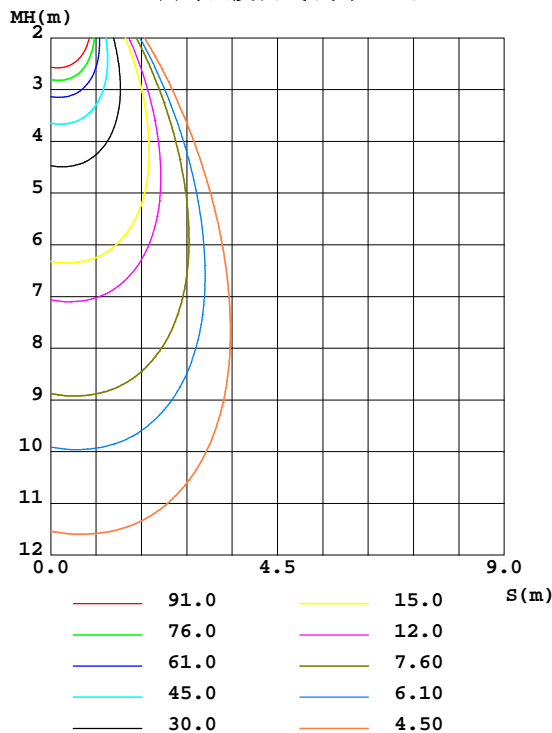
| | | |
|----------------|---------------------------------|------------------|
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 73.89 lm/W |
|-----------|--------|----------|--------|-----------------|----------|----------------|
| 型号 | CREE | 峰值光强(cd) | 612.9 | S/MH(C0/180) | 0.82 | |
| 标称功率(W) | 7 | 灯具效率(%) | 71.3 | S/MH(C90/270) | 0.81 | |
| 额定电源电压(V) | 24 | 总光通量(lm) | 480.20 | UP,DN(C0-180) | 0.0,36.9 | |
| 额定光通量(lm) | 673.86 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,34.4 | |
| 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) | 24 | 下射光通比(%) | 71.3 | 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: 2024-10-11

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:CMA1306-0000-000F0U0A30G Ra:90
LENS:HK 50R
NO DRIVER:DC 24V
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 | 595.3 | 601.1 | 594.0 | 566.0 | 534.4 | 529.1 | 545.0 | 573.0 | 0- 10 | 55.82 | 55.82 | 11.6, 8.28 |
| 20 | 464.5 | 477.2 | 475.9 | 449.4 | 416.2 | 409.5 | 420.7 | 443.5 | 10- 20 | 143.9 | 199.7 | 41.6, 29.6 |
| 30 | 236.6 | 248.6 | 249.9 | 239.8 | 228.9 | 224.7 | 224.4 | 229.3 | 20- 30 | 155.7 | 355.5 | 74, 52.7 |
| 40 | 72.07 | 75.27 | 76.25 | 75.34 | 74.35 | 72.73 | 72.03 | 71.63 | 30- 40 | 89.34 | 444.8 | 92.6, 66 |
| 50 | 14.32 | 14.64 | 14.86 | 15.32 | 15.47 | 14.95 | 14.84 | 14.78 | 40- 50 | 28.41 | 473.2 | 98.5, 70.2 |
| 60 | 1.774 | 1.872 | 1.862 | 1.957 | 2.106 | 2.118 | 2.101 | 1.996 | 50- 60 | 6.305 | 479.5 | 99.9, 71.2 |
| 70 | 0.1385 | 0.1345 | 0.1288 | 0.1255 | 0.1044 | 0.0941 | 0.1059 | 0.1301 | 60- 70 | 0.6605 | 480.2 | 100, 71.3 |
| 80 | 0.0096 | 0.0044 | 0.0077 | 0.0065 | 0.0062 | 0.0043 | 0.0059 | 0.0037 | 70- 80 | 0.0348 | 480.2 | 100, 71.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0036 | 480.2 | 100, 71.3 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 480.2 | 100, 71.3 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 480.2 | 100, 71.3 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 480.2 | 100, 71.3 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 480.2 | 100, 71.3 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 480.2 | 100, 71.3 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 480.2 | 100, 71.3 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 480.2 | 100, 71.3 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 480.2 | 100, 71.3 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 480.2 | 100, 71.3 |
| 单位: ° | 光强: cd | | | | | | | | | 单位: lm | | |

C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
 LENS: HK 50R
 NO DRIVER: DC 24V
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz
实检光通: 673.86x1 lm

灯具名称: 2417.203

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

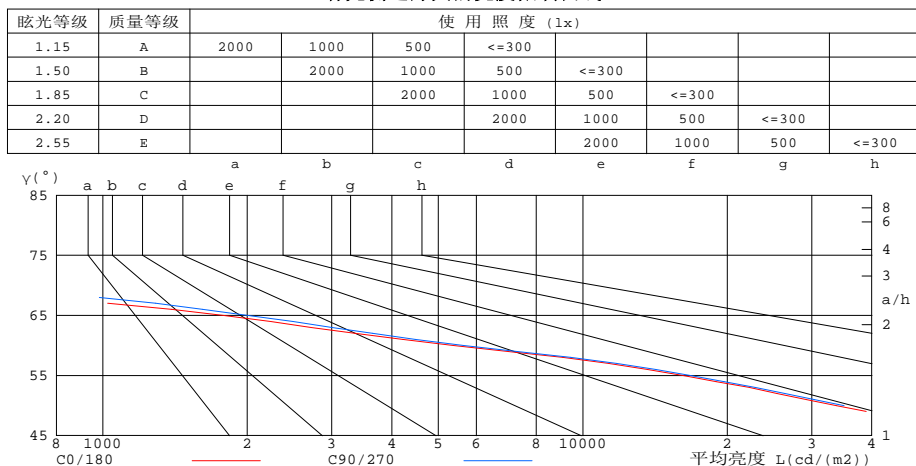
测试编号: 2410111241

制造厂商: RISE

发光口面: 0.000660185m²

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 | 60 | 108 |
| 80 | 84 | 68 |
| 75 | 90 | 103 |
| 70 | 613 | 571 |
| 65 | 1782 | 2003 |
| 60 | 5373 | 5641 |
| 55 | 16195 | 16797 |
| 50 | 33738 | 35022 |
| 45 | 70148 | 73674 |

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: 2024-10-11

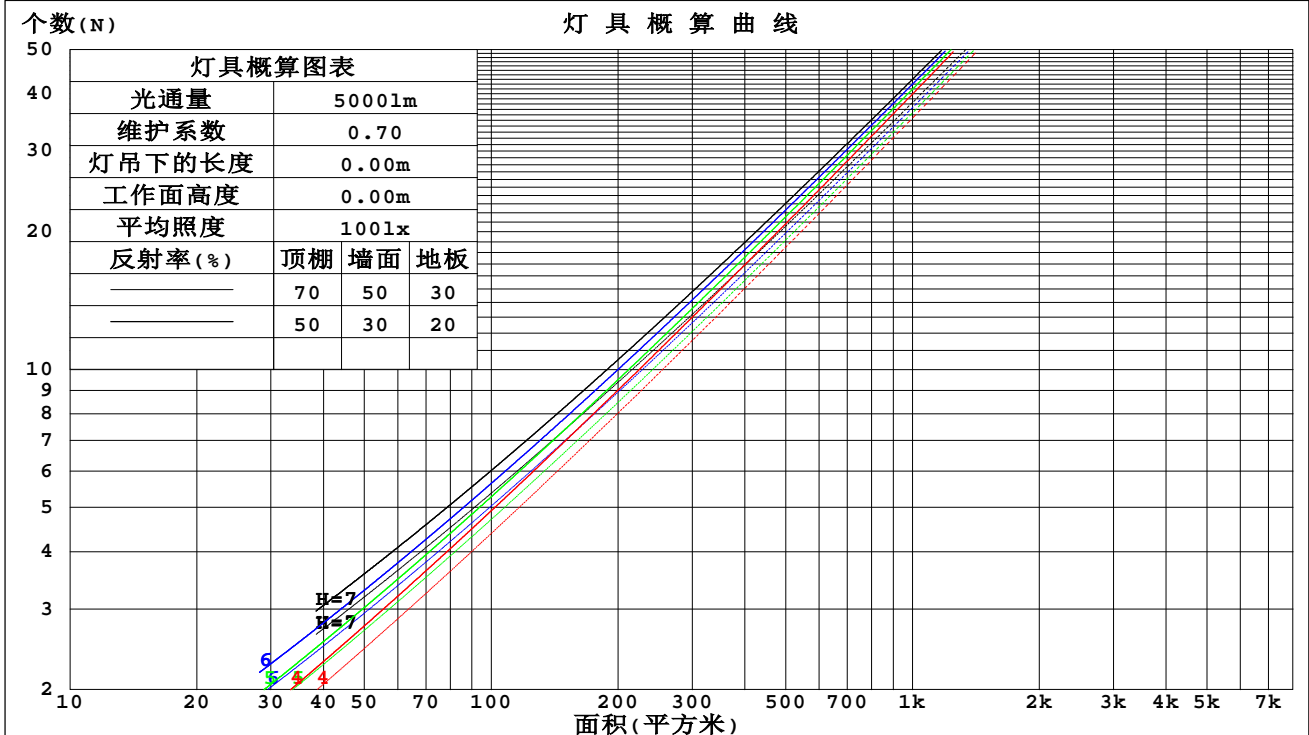
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP:CMA1306-0000-000F0U0A30G Ra:90
LENS:HK 50R
NO DRIVER:DC 24V
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz
实检光通: 673.86x1 lm

| | | |
|----------------|---------------------------------|------------------|
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 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 | .85 | .85 | .85 | .83 | .83 | .83 | .79 | .79 | .79 | .76 | .76 | .76 | .73 | .73 | .73 | .71 |
| 1.0 | .79 | .77 | .76 | .78 | .76 | .75 | .75 | .73 | .72 | .72 | .71 | .70 | .70 | .69 | .68 | .67 |
| 2.0 | .74 | .71 | .69 | .73 | .70 | .68 | .70 | .68 | .66 | .68 | .66 | .65 | .66 | .65 | .64 | .62 |
| 3.0 | .69 | .65 | .63 | .68 | .65 | .62 | .66 | .63 | .61 | .64 | .62 | .60 | .63 | .61 | .59 | .58 |
| 4.0 | .65 | .61 | .58 | .64 | .60 | .57 | .62 | .59 | .57 | .61 | .58 | .56 | .59 | .57 | .55 | .54 |
| 5.0 | .61 | .56 | .53 | .60 | .56 | .53 | .59 | .55 | .53 | .57 | .55 | .52 | .56 | .54 | .52 | .51 |
| 6.0 | .57 | .53 | .50 | .56 | .52 | .50 | .55 | .52 | .49 | .54 | .51 | .49 | .53 | .51 | .49 | .48 |
| 7.0 | .54 | .49 | .47 | .53 | .49 | .46 | .52 | .49 | .46 | .51 | .48 | .46 | .51 | .48 | .46 | .45 |
| 8.0 | .51 | .46 | .44 | .50 | .46 | .44 | .49 | .46 | .43 | .49 | .46 | .43 | .48 | .45 | .43 | .42 |
| 9.0 | .48 | .44 | .41 | .48 | .44 | .41 | .47 | .43 | .41 | .46 | .43 | .41 | .46 | .43 | .41 | .40 |
| 10.0 | .45 | .41 | .39 | .45 | .41 | .39 | .45 | .41 | .39 | .44 | .41 | .38 | .43 | .40 | .38 | .37 |



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: 2024-10-11

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:CMA1306-0000-000F0U0A30G Ra:90
LENS:HK 50R
NO DRIVER:DC 24V
30minutes warm-up

墙面和天花板利用系数

| | | |
|---|---------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m2 | 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 | .124 | .071 | .022 | .119 | .068 | .022 | .110 | .063 | .020 | .102 | .059 | .019 | .094 | .055 | .018 | |
| 2.0 | .119 | .065 | .020 | .115 | .063 | .019 | .107 | .060 | .019 | .100 | .056 | .018 | .094 | .053 | .017 | |
| 3.0 | .113 | .060 | .018 | .110 | .059 | .018 | .104 | .056 | .017 | .098 | .053 | .016 | .092 | .051 | .016 | |
| 4.0 | .108 | .056 | .017 | .105 | .055 | .016 | .100 | .053 | .016 | .094 | .051 | .015 | .090 | .049 | .015 | |
| 5.0 | .103 | .053 | .015 | .101 | .052 | .015 | .096 | .050 | .015 | .091 | .048 | .014 | .087 | .047 | .014 | |
| 6.0 | .099 | .049 | .014 | .096 | .049 | .014 | .092 | .047 | .014 | .088 | .046 | .013 | .084 | .044 | .013 | |
| 7.0 | .094 | .047 | .013 | .092 | .046 | .013 | .089 | .045 | .013 | .085 | .044 | .013 | .082 | .042 | .012 | |
| 8.0 | .090 | .044 | .012 | .088 | .044 | .012 | .085 | .043 | .012 | .082 | .042 | .012 | .079 | .041 | .012 | |
| 9.0 | .087 | .042 | .012 | .085 | .041 | .012 | .082 | .041 | .011 | .079 | .040 | .011 | .076 | .039 | .011 | |
| 10.0 | .083 | .040 | .011 | .082 | .039 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .074 | .037 | .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 | .136 | .136 | .136 | .116 | .116 | .116 | .079 | .079 | .079 | .045 | .045 | .045 | .015 | .015 | .015 | |
| 1.0 | .122 | .112 | .103 | .104 | .096 | .089 | .071 | .066 | .062 | .041 | .038 | .036 | .013 | .012 | .012 | |
| 2.0 | .111 | .094 | .081 | .095 | .081 | .070 | .065 | .056 | .049 | .038 | .033 | .028 | .012 | .011 | .009 | |
| 3.0 | .102 | .081 | .064 | .087 | .070 | .056 | .060 | .048 | .039 | .035 | .028 | .023 | .011 | .009 | .008 | |
| 4.0 | .095 | .070 | .052 | .081 | .061 | .045 | .056 | .042 | .032 | .032 | .025 | .019 | .010 | .008 | .006 | |
| 5.0 | .088 | .062 | .043 | .076 | .054 | .037 | .052 | .038 | .026 | .030 | .022 | .016 | .010 | .007 | .005 | |
| 6.0 | .083 | .055 | .036 | .071 | .048 | .031 | .049 | .034 | .022 | .029 | .020 | .013 | .009 | .006 | .004 | |
| 7.0 | .079 | .050 | .030 | .068 | .043 | .026 | .047 | .030 | .019 | .027 | .018 | .011 | .009 | .006 | .004 | |
| 8.0 | .075 | .046 | .026 | .064 | .040 | .023 | .044 | .028 | .016 | .026 | .016 | .010 | .008 | .005 | .003 | |
| 9.0 | .071 | .042 | .022 | .061 | .036 | .020 | .042 | .026 | .014 | .025 | .015 | .008 | .008 | .005 | .003 | |
| 10.0 | .068 | .039 | .020 | .058 | .034 | .017 | .040 | .024 | .012 | .024 | .014 | .007 | .008 | .005 | .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: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: HK 50R
NO DRIVER: DC 24V
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|---|------|----------------------|------|------|------|---------------------|--------------------|------|------------------|------|------|------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | | | | | | | | | | | |
| 灯具名称: 2417.203 | | | | | | 灯具类型: | | | 灯具重量: | | | |
| 灯具规格: 3000K | | | | | | 外型尺寸: | | | 测试编号: 2410111241 | | | |
| 制造厂商: RISE | | | | | | 发光口面: 0.000660185m2 | | | 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 | 24.3 | 25.2 | 24.5 | 25.4 | 25.5 | 24.5 | 25.4 | 24.7 | 25.6 | 25.8 | |
| | 3H | 24.1 | 25.0 | 24.4 | 25.1 | 25.4 | 24.3 | 25.2 | 24.6 | 25.4 | 25.6 | |
| | 4H | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 | 24.2 | 25.1 | 24.5 | 25.3 | 25.5 | |
| | 6H | 23.9 | 24.7 | 24.2 | 24.9 | 25.2 | 24.2 | 24.9 | 24.5 | 25.2 | 25.4 | |
| | 8H | 23.9 | 24.6 | 24.2 | 24.9 | 25.1 | 24.1 | 24.8 | 24.4 | 25.1 | 25.4 | |
| | 12H | 23.8 | 24.5 | 24.1 | 24.8 | 25.1 | 24.1 | 24.8 | 24.4 | 25.0 | 25.3 | |
| | 4H | 2H | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 | 24.3 | 25.1 | 24.5 | 25.3 | 25.5 |
| | 3H | 23.8 | 24.5 | 24.2 | 24.8 | 25.1 | 24.1 | 24.8 | 24.4 | 25.0 | 25.3 | |
| | 4H | 23.7 | 24.4 | 24.1 | 24.7 | 25.0 | 24.0 | 24.6 | 24.3 | 24.9 | 25.2 | |
| | 6H | 23.6 | 24.2 | 24.0 | 24.5 | 24.9 | 23.9 | 24.4 | 24.3 | 24.8 | 25.1 | |
| | 8H | 23.6 | 24.1 | 24.0 | 24.5 | 24.8 | 23.8 | 24.3 | 24.2 | 24.7 | 25.1 | |
| | 12H | 23.5 | 24.0 | 24.0 | 24.4 | 24.8 | 23.8 | 24.3 | 24.2 | 24.6 | 25.0 | |
| 8H | 4H | 23.6 | 24.1 | 24.0 | 24.5 | 24.8 | 23.8 | 24.4 | 24.2 | 24.7 | 25.1 | |
| 6H | 23.5 | 23.9 | 23.9 | 24.3 | 24.7 | 23.7 | 24.2 | 24.2 | 24.5 | 25.0 | | |
| 8H | 23.4 | 23.8 | 23.9 | 24.2 | 24.7 | 23.7 | 24.1 | 24.1 | 24.5 | 24.9 | | |
| 12H | 23.4 | 23.7 | 23.9 | 24.1 | 24.6 | 23.6 | 23.9 | 24.1 | 24.4 | 24.9 | | |
| 12H | 4H | 23.5 | 24.0 | 24.0 | 24.4 | 24.8 | 23.8 | 24.3 | 24.2 | 24.6 | 25.0 | |
| 6H | 23.4 | 23.8 | 23.9 | 24.2 | 24.7 | 23.7 | 24.1 | 24.1 | 24.5 | 24.9 | | |
| 8H | 23.4 | 23.7 | 23.9 | 24.1 | 24.6 | 23.6 | 23.9 | 24.1 | 24.4 | 24.9 | | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 3.1 / -12.7 | | | | | + 3.2 / -12.8 | | | | | |
| 1.5H | | + 5.0 / - 8.8 | | | | | + 5.2 / - 9.1 | | | | | |
| 2.0H | | + 6.3 / -14.3 | | | | | + 6.5 / -14.0 | | | | | |

依据CIE Pub.117计算, 673.9lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = -1.4$).
 出光口面积: 0.000660185 m²

C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2024-10-11

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:CMA1306-0000-000F0U0A30G Ra:90
 LENS:HK 50R
 NO DRIVER:DC 24V
 30minutes warm-up

UF利用系数表

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 遮光角: |

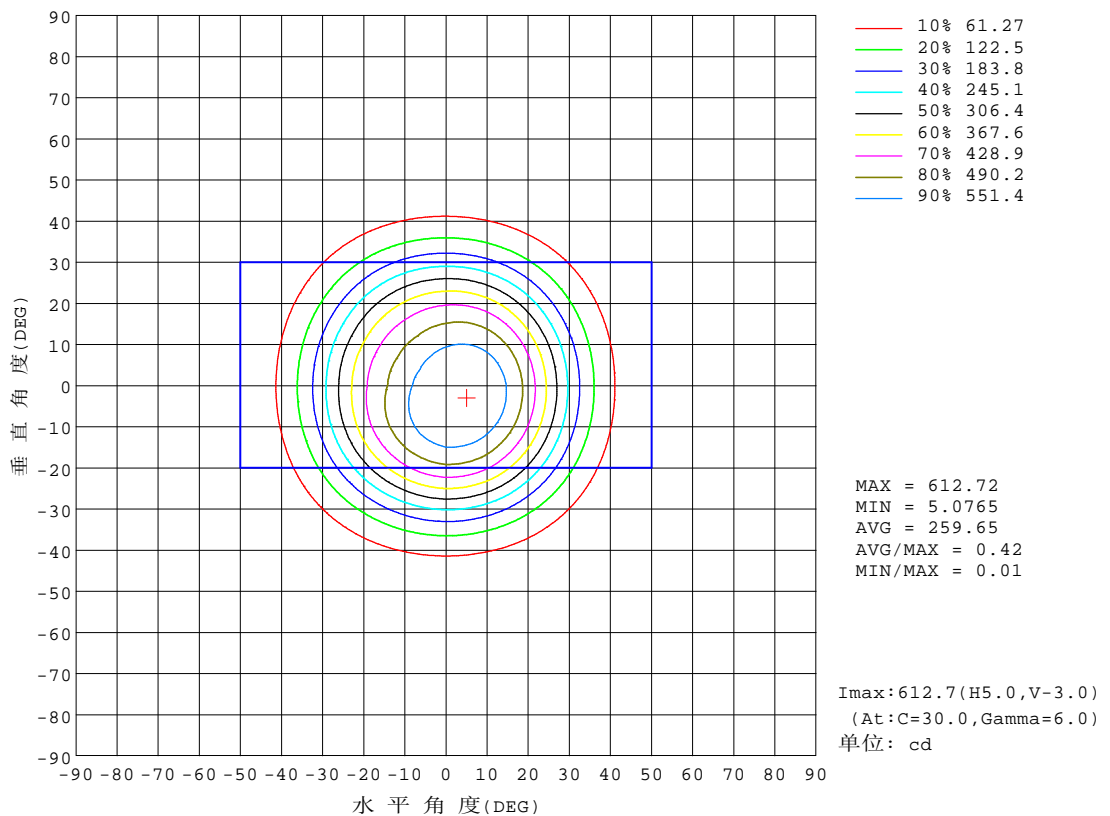
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 62 | 57 | 55 | 62 | 57 | 54 | 61 | 57 | 54 | 52 |
| 0.80 | 67 | 63 | 60 | 67 | 63 | 60 | 66 | 62 | 60 | 57 |
| 1.00 | 71 | 67 | 64 | 70 | 66 | 64 | 69 | 66 | 63 | 61 |
| 1.25 | 74 | 70 | 67 | 73 | 69 | 67 | 71 | 69 | 67 | 64 |
| 1.50 | 75 | 72 | 70 | 75 | 72 | 69 | 73 | 71 | 69 | 65 |
| 2.00 | 77 | 74 | 72 | 76 | 74 | 72 | 74 | 72 | 71 | 67 |
| 2.50 | 79 | 76 | 74 | 77 | 75 | 73 | 75 | 73 | 72 | 68 |
| 3.00 | 80 | 77 | 75 | 78 | 76 | 75 | 76 | 74 | 73 | 68 |
| 4.00 | 81 | 79 | 78 | 80 | 78 | 77 | 77 | 76 | 75 | 70 |
| 5.00 | 82 | 80 | 79 | 80 | 79 | 78 | 78 | 77 | 76 | 70 |
| 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: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: HK 50R
NO DRIVER: DC 24V
30minutes warm-up

灯具等光强曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 遮光角: |

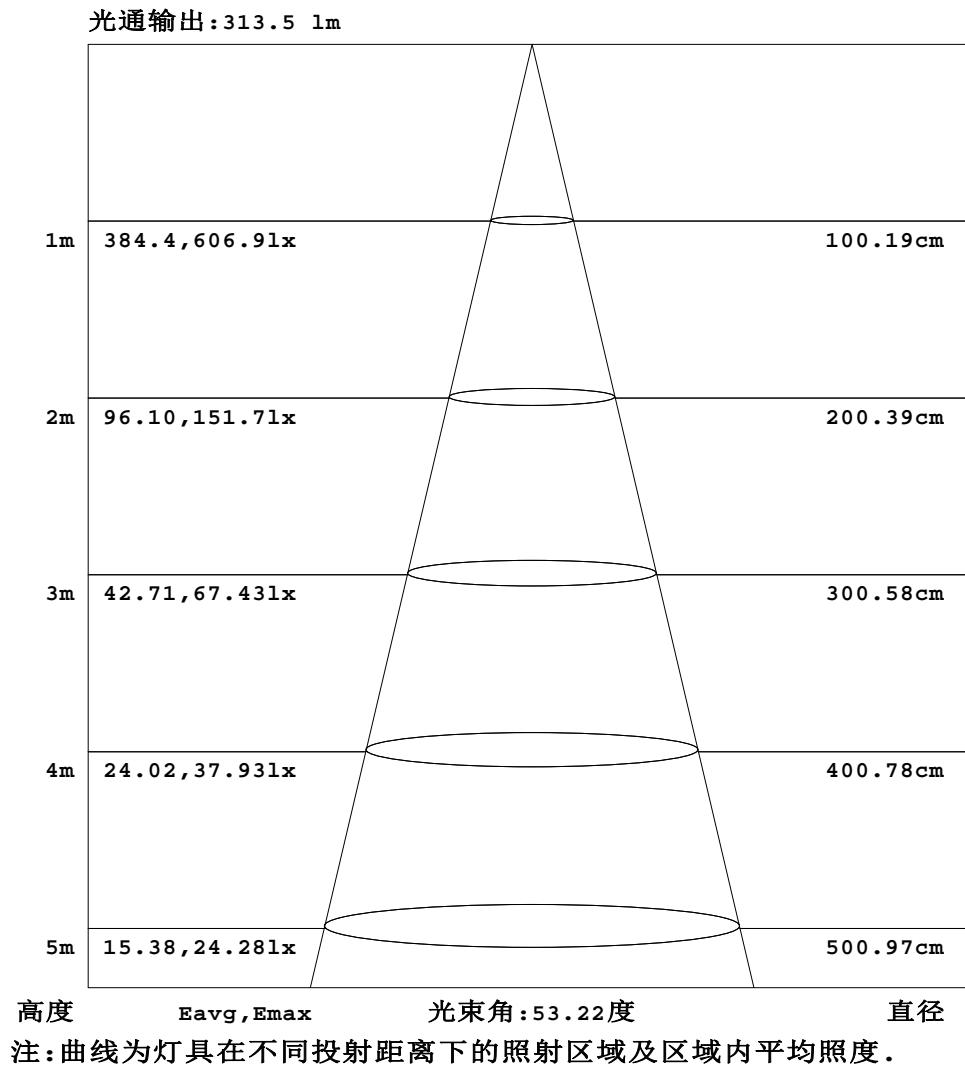


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2024-10-11

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:CMA1306-0000-000F0U0A30G Ra:90
LENS:HK 50R
NO DRIVER:DC 24V
30minutes warm-up

灯具有效平均照度图

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 遮光角: |

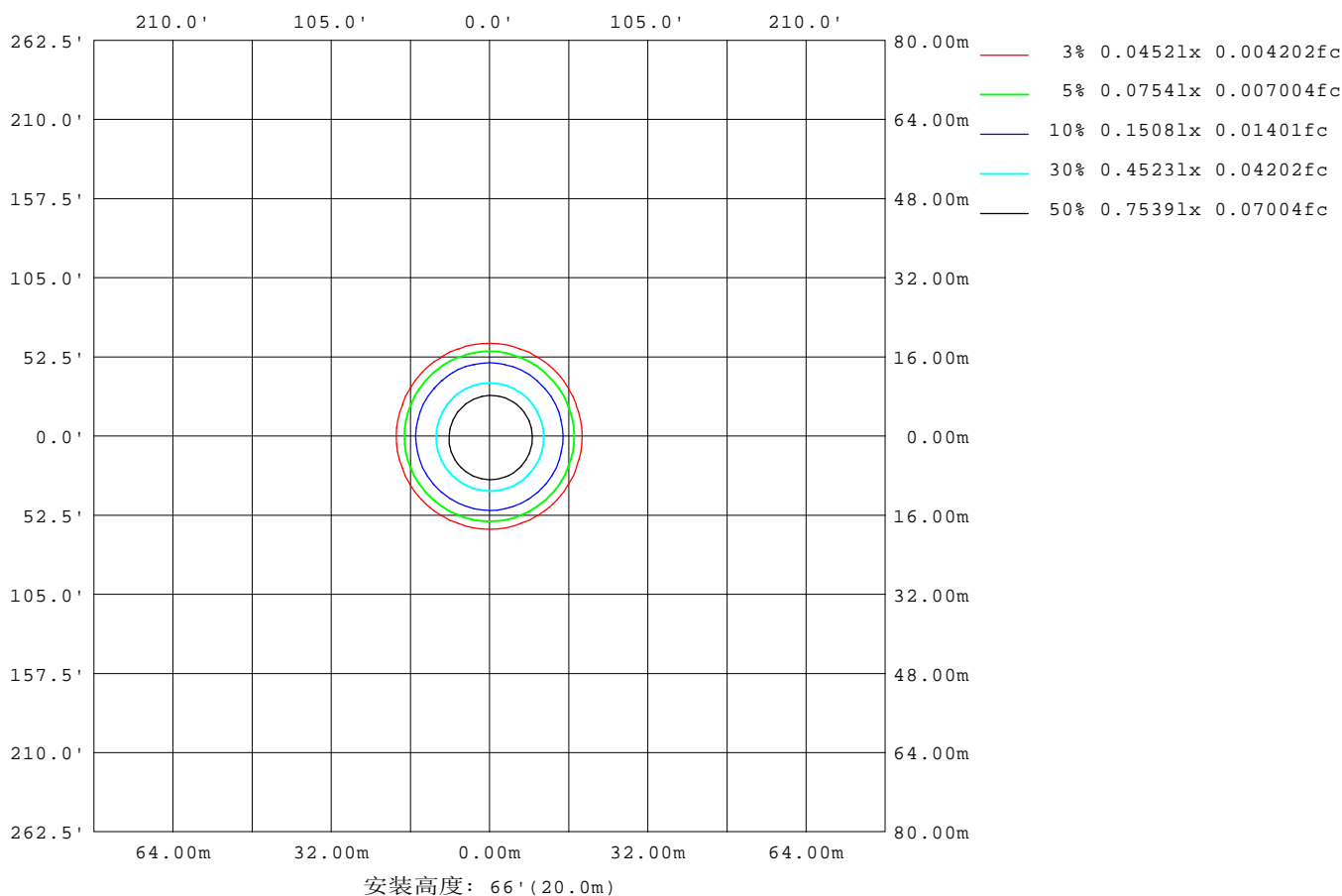


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
 LENS: HK 50R
 NO DRIVER: DC 24V
 30minutes warm-up

平面等照度曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m ² | 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: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: HK 50R
NO DRIVER: DC 24V
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|---|---------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m2 | 遮光角: |

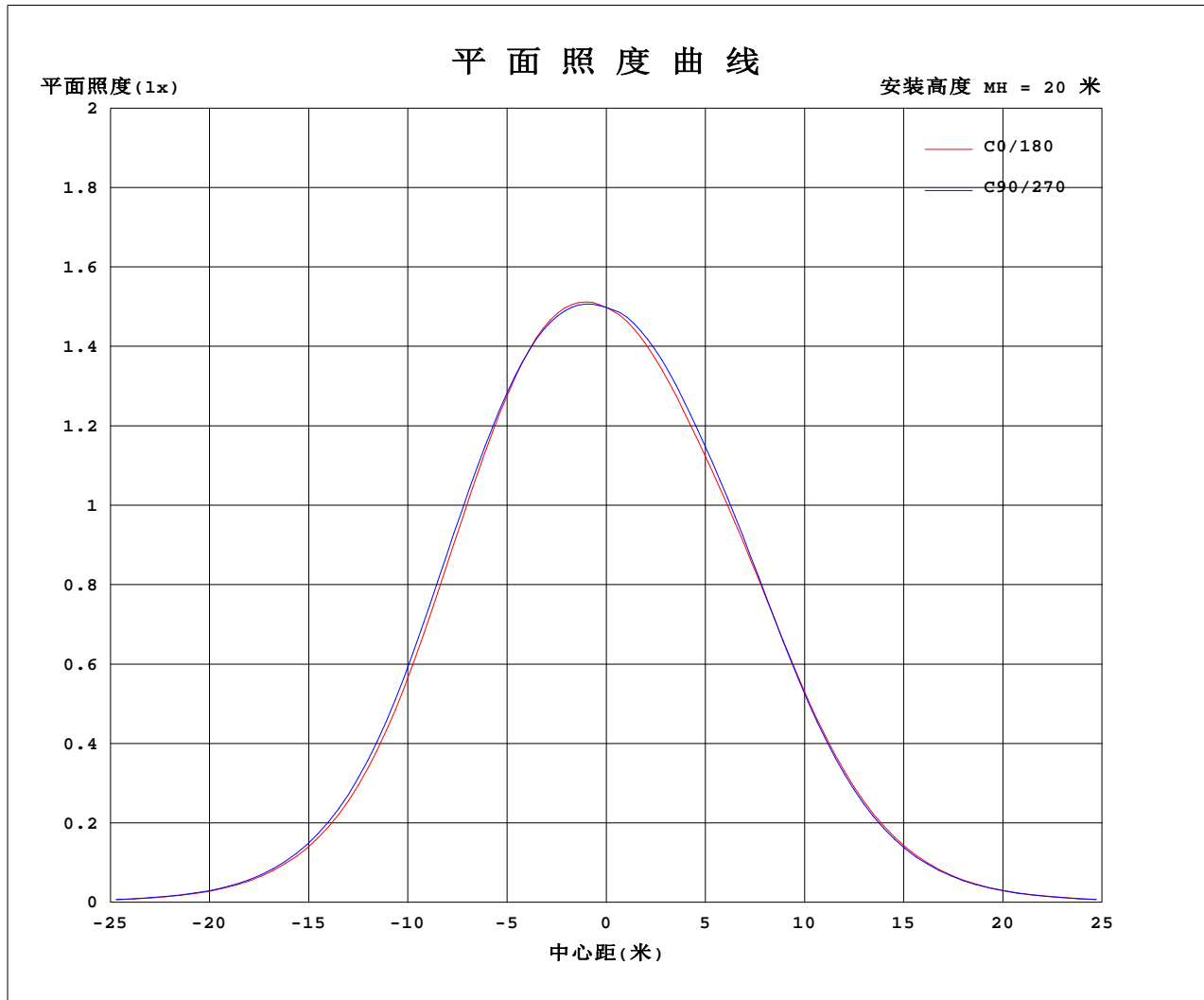
| 平均亮度 | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av | 1717 |
| L横(75)av | 103 |
| L横(85)av | 73 |
| L纵(65)av | 1969 |
| L纵(75)av | 95 |
| L纵(85)av | 105 |
| L45(65)av | 1853 |
| L45(75)av | 87 |
| L45(85)av | 31 |

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: 2024-10-11

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:CMA1306-0000-000F0U0A30G Ra:90
 LENS:HK 50R
 NO DRIVER:DC 24V
 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: 2024-10-11

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: CMA1306-0000-000F0U0A30G Ra:90
LENS: HK 50R
NO DRIVER: DC 24V
30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|---|---------------------|------------------|
| 实测参数: U:23.998V I:0.2708A P:6.4987W PF:1.0000 Freq:59.98Hz 实检光通: 673.86x1 lm | | |
| 灯具名称: 2417.203 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2410111241 |
| 制造厂商: RISE | 发光口面: 0.000660185m2 | 遮光角: |

| | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--------|--|--|--|--|
| 表--1 | | | | | | | | | | | | | | 单位: cd | | | | |
| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
| 0 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | 599 | | | | | | |
| 5 | 609 | 613 | 611 | 606 | 597 | 586 | 576 | 572 | 575 | 582 | 593 | 602 | | | | | | |
| 10 | 595 | 602 | 600 | 594 | 577 | 555 | 534 | 527 | 531 | 545 | 564 | 582 | | | | | | |
| 15 | 547 | 556 | 557 | 551 | 532 | 509 | 482 | 475 | 477 | 491 | 512 | 532 | | | | | | |
| 20 | 464 | 475 | 479 | 476 | 459 | 440 | 416 | 409 | 410 | 421 | 436 | 450 | | | | | | |
| 25 | 354 | 365 | 372 | 369 | 356 | 344 | 328 | 321 | 323 | 326 | 335 | 343 | | | | | | |
| 30 | 237 | 246 | 252 | 250 | 242 | 237 | 229 | 224 | 226 | 224 | 228 | 231 | | | | | | |
| 35 | 139 | 144 | 147 | 148 | 144 | 144 | 140 | 136 | 138 | 136 | 137 | 137 | | | | | | |
| 40 | 72.1 | 74.5 | 76.1 | 76.2 | 75.2 | 75.5 | 74.4 | 72.7 | 72.8 | 72.0 | 71.7 | 71.6 | | | | | | |
| 45 | 32.7 | 33.8 | 34.2 | 34.4 | 34.4 | 35.1 | 34.8 | 33.8 | 33.8 | 33.7 | 33.5 | 33.2 | | | | | | |
| 50 | 14.3 | 14.6 | 14.6 | 14.9 | 15.1 | 15.5 | 15.5 | 15.0 | 14.9 | 14.8 | 14.8 | 14.7 | | | | | | |
| 55 | 6.13 | 6.24 | 6.25 | 6.36 | 6.57 | 6.89 | 6.96 | 6.79 | 6.71 | 6.59 | 6.50 | 6.45 | | | | | | |
| 60 | 1.77 | 1.87 | 1.87 | 1.86 | 1.88 | 2.03 | 2.11 | 2.15 | 2.09 | 2.10 | 2.05 | 1.94 | | | | | | |
| 65 | 0.50 | 0.50 | 0.54 | 0.56 | 0.53 | 0.48 | 0.46 | 0.48 | 0.52 | 0.54 | 0.55 | 0.53 | | | | | | |
| 70 | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.13 | 0.10 | 0.09 | 0.09 | 0.11 | 0.12 | 0.14 | | | | | | |
| 75 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | | | | | | |
| 80 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | | | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | | | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |

c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
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γ角度范围: 0度 - 180度
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