

燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 68.9% | |
| Luminaire Power: | 15.88 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.50 | fine grid method. |

C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-12-1

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-30G1000-A-83 Ra:90
 LENS: PM-1082A 24R
 DRIVER: PUP20A-1WMC 400mA
 30minutes warm-up

灯具配光曲线及特征面照片

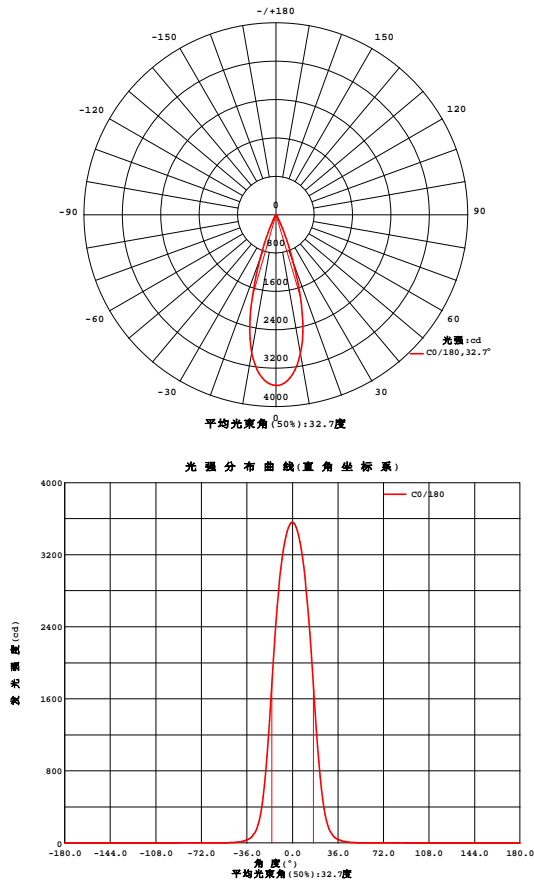


Fig. C0/C180

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: 2023-12-1

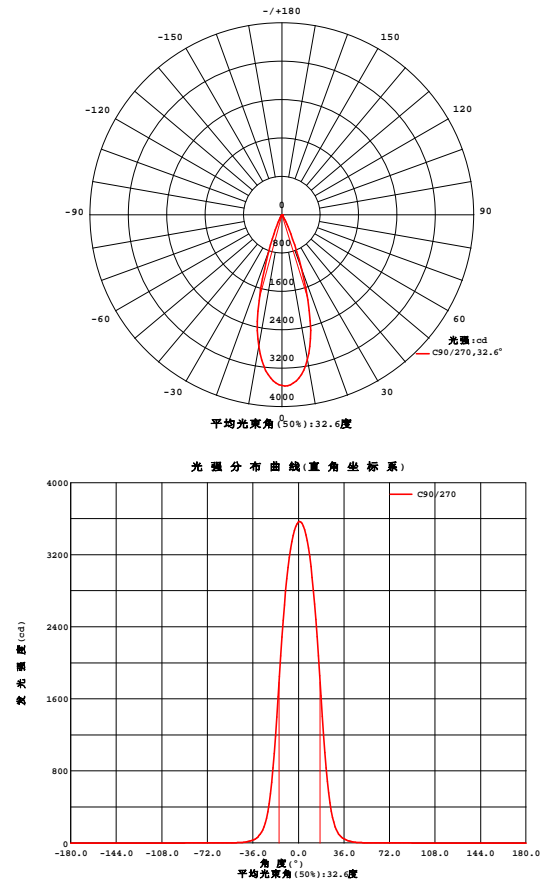


Fig. C90/C270

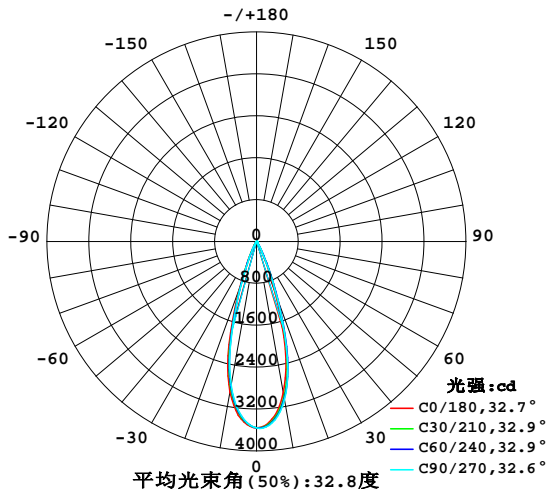
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

室内灯具光度数据

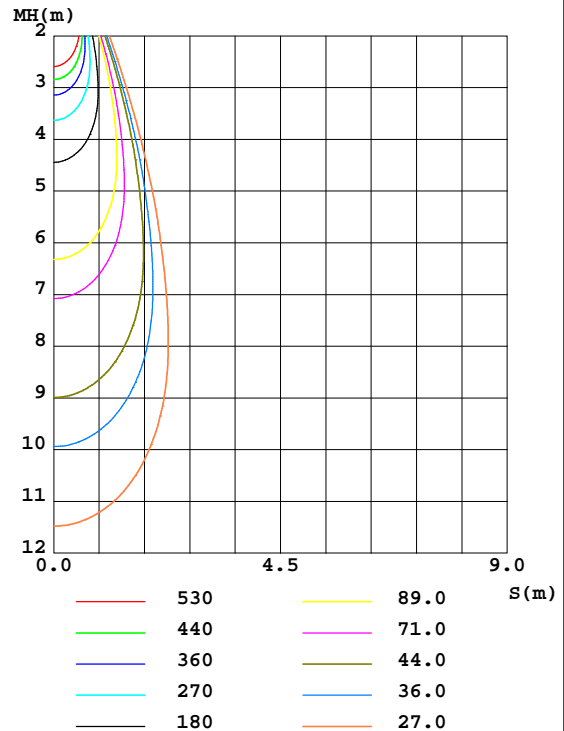
| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 68.58 lm/W |
|-----------|-----------|----------|--------|-------------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 3568 | S/MH(C0/180) | 0.50 | |
| 标称功率(W) | 16 | 灯具效率(%) | 68.9 | S/MH(C90/270) | 0.48 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1088.8 | η UP,DN(C0-180) | 0.0,36.9 | |
| 额定光通量(lm) | 1579.4 | CIE分类 | 直接 | η UP,DN(C180-360) | 0.0,32.0 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.50 | |
| 实测电源电压(V) | 120 | 下射光通比(%) | 68.9 | CIBSE SHR MAX | 0.50 | |

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: 2023-12-1

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-30G1000-A-83 Ra:90
LENS:PM-1082A 24R
DRIVER:PUP20A-1WMC 400mA
30minutes warm-up

灯具环带光通量

环带光通量:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | $\gamma(^{\circ})$ | 环 | 总 | %lum, lamp |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|-------|------------|
| 10 | 2944 | 3036 | 3069 | 3024 | 2922 | 2835 | 2792 | 2835 | 0- 10 | 310.3 | 310.3 | 28.5, 19.6 |
| 20 | 1069 | 1203 | 1197 | 1109 | 962.8 | 873.8 | 834.3 | 914.7 | 10- 20 | 547.8 | 858.1 | 78.8, 54.3 |
| 30 | 126.2 | 153.7 | 147.0 | 130.3 | 104.3 | 100.2 | 97.12 | 107.7 | 20- 30 | 189.2 | 1047 | 96.2, 66.3 |
| 40 | 20.75 | 23.82 | 22.60 | 20.44 | 16.89 | 16.15 | 15.63 | 17.59 | 30- 40 | 33.22 | 1081 | 99.2, 68.4 |
| 50 | 3.775 | 4.092 | 3.737 | 3.698 | 3.225 | 2.938 | 3.035 | 3.392 | 40- 50 | 6.544 | 1087 | 99.8, 68.8 |
| 60 | 0.2676 | 0.2645 | 0.1992 | 0.1496 | 0.1403 | 0.1896 | 0.2022 | 0.2149 | 50- 60 | 1.494 | 1089 | 100, 68.9 |
| 70 | 0.1615 | 0.1398 | 0.1191 | 0.1113 | 0.1077 | 0.1170 | 0.1317 | 0.1352 | 60- 70 | 0.1622 | 1089 | 100, 68.9 |
| 80 | 0.0537 | 0.0403 | 0.0428 | 0.0347 | 0.0463 | 0.0343 | 0.0450 | 0.0318 | 70- 80 | 0.0721 | 1089 | 100, 68.9 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0311 | 1089 | 100, 68.9 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1089 | 100, 68.9 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1089 | 100, 68.9 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1089 | 100, 68.9 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1089 | 100, 68.9 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1089 | 100, 68.9 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1089 | 100, 68.9 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1089 | 100, 68.9 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1089 | 100, 68.9 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1089 | 100, 68.9 |
| 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: 2023-12-1

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-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz
实检光通: 1579.4x1 lm

灯具名称: 2318.111-LEA-14(400mA)

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

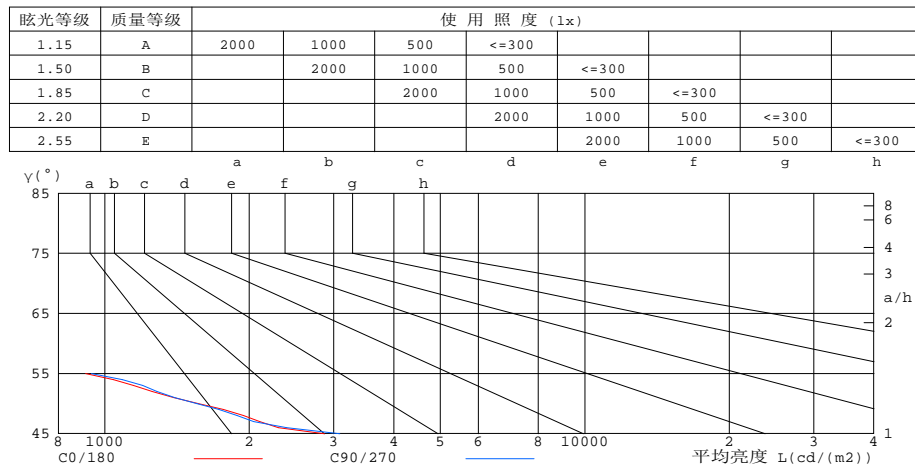
测试编号: 2312011406

制造厂商: RISE

发光口面: 0.003737385m²

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 | 139 | 115 |
| 80 | 83 | 66 |
| 75 | 79 | 62 |
| 70 | 126 | 93 |
| 65 | 130 | 81 |
| 60 | 143 | 107 |
| 55 | 912 | 937 |
| 50 | 1570 | 1556 |
| 45 | 2867 | 3088 |

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: 2023-12-1

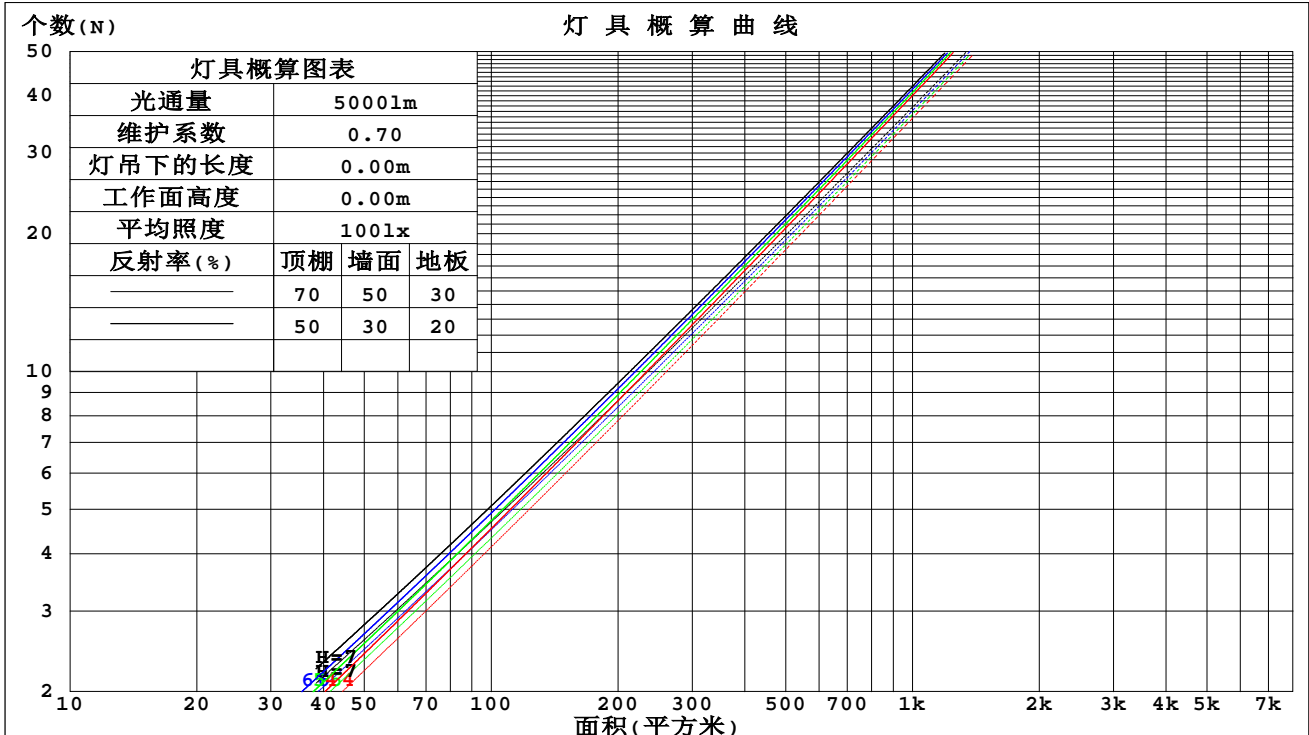
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz
实检光通: 1579.4x1 lm

| | | |
|------------------------------|---------------------|------------------|
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m2 | 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 | .82 | .82 | .82 | .80 | .80 | .80 | .77 | .77 | .77 | .73 | .73 | .73 | .70 | .70 | .70 | .69 |
| 1.0 | .78 | .76 | .75 | .76 | .75 | .74 | .74 | .73 | .72 | .71 | .70 | .70 | .69 | .68 | .68 | .66 |
| 2.0 | .74 | .72 | .70 | .73 | .71 | .69 | .71 | .69 | .68 | .69 | .68 | .66 | .67 | .66 | .65 | .64 |
| 3.0 | .71 | .68 | .66 | .70 | .68 | .66 | .68 | .66 | .65 | .67 | .65 | .64 | .65 | .64 | .63 | .62 |
| 4.0 | .68 | .65 | .63 | .67 | .65 | .63 | .66 | .64 | .62 | .64 | .63 | .61 | .63 | .62 | .60 | .60 |
| 5.0 | .65 | .62 | .60 | .65 | .62 | .60 | .63 | .61 | .59 | .62 | .60 | .59 | .61 | .60 | .58 | .58 |
| 6.0 | .63 | .60 | .58 | .62 | .60 | .58 | .61 | .59 | .57 | .61 | .58 | .57 | .60 | .58 | .56 | .56 |
| 7.0 | .61 | .58 | .56 | .60 | .57 | .55 | .59 | .57 | .55 | .59 | .57 | .55 | .58 | .56 | .55 | .54 |
| 8.0 | .59 | .56 | .54 | .58 | .55 | .54 | .58 | .55 | .53 | .57 | .55 | .53 | .56 | .54 | .53 | .52 |
| 9.0 | .57 | .54 | .52 | .56 | .54 | .52 | .56 | .53 | .52 | .55 | .53 | .51 | .55 | .53 | .51 | .51 |
| 10.0 | .55 | .52 | .50 | .55 | .52 | .50 | .54 | .52 | .50 | .54 | .52 | .50 | .53 | .51 | .50 | .49 |



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: 2023-12-1

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-30G1000-A-83 Ra:90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|---|---------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m2 | 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 | .096 | .055 | .017 | .092 | .052 | .017 | .083 | .048 | .015 | .075 | .043 | .014 | .068 | .039 | .013 | |
| 2.0 | .089 | .049 | .015 | .086 | .047 | .015 | .079 | .044 | .014 | .072 | .040 | .013 | .066 | .037 | .012 | |
| 3.0 | .083 | .044 | .013 | .080 | .043 | .013 | .074 | .040 | .012 | .069 | .038 | .012 | .064 | .035 | .011 | |
| 4.0 | .078 | .041 | .012 | .076 | .040 | .012 | .071 | .038 | .011 | .066 | .036 | .011 | .062 | .034 | .010 | |
| 5.0 | .074 | .038 | .011 | .072 | .037 | .011 | .068 | .035 | .010 | .064 | .034 | .010 | .060 | .032 | .010 | |
| 6.0 | .070 | .035 | .010 | .068 | .035 | .010 | .065 | .033 | .010 | .061 | .032 | .009 | .058 | .031 | .009 | |
| 7.0 | .067 | .033 | .009 | .065 | .033 | .009 | .062 | .031 | .009 | .059 | .030 | .009 | .056 | .029 | .009 | |
| 8.0 | .064 | .031 | .009 | .063 | .031 | .009 | .060 | .030 | .009 | .057 | .029 | .008 | .055 | .028 | .008 | |
| 9.0 | .061 | .030 | .008 | .060 | .029 | .008 | .058 | .028 | .008 | .055 | .028 | .008 | .053 | .027 | .008 | |
| 10.0 | .059 | .028 | .008 | .058 | .028 | .008 | .056 | .027 | .008 | .053 | .027 | .008 | .051 | .026 | .007 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .131 | .131 | .131 | .112 | .112 | .112 | .077 | .077 | .077 | .044 | .044 | .044 | .014 | .014 | .014 | |
| 1.0 | .116 | .109 | .102 | .099 | .093 | .088 | .068 | .064 | .061 | .039 | .037 | .035 | .013 | .012 | .011 | |
| 2.0 | .104 | .091 | .081 | .089 | .079 | .070 | .061 | .054 | .049 | .035 | .032 | .029 | .011 | .010 | .009 | |
| 3.0 | .094 | .078 | .066 | .080 | .067 | .057 | .055 | .047 | .040 | .032 | .027 | .024 | .010 | .009 | .008 | |
| 4.0 | .085 | .068 | .054 | .073 | .058 | .047 | .050 | .041 | .033 | .029 | .024 | .020 | .009 | .008 | .006 | |
| 5.0 | .078 | .059 | .045 | .067 | .051 | .039 | .046 | .036 | .028 | .027 | .021 | .016 | .009 | .007 | .005 | |
| 6.0 | .072 | .052 | .038 | .062 | .045 | .033 | .043 | .032 | .023 | .025 | .019 | .014 | .008 | .006 | .005 | |
| 7.0 | .067 | .047 | .032 | .058 | .040 | .028 | .040 | .028 | .020 | .023 | .017 | .012 | .007 | .005 | .004 | |
| 8.0 | .063 | .042 | .028 | .054 | .036 | .024 | .037 | .026 | .017 | .022 | .015 | .010 | .007 | .005 | .003 | |
| 9.0 | .059 | .038 | .024 | .051 | .033 | .021 | .035 | .023 | .015 | .020 | .014 | .009 | .007 | .005 | .003 | |
| 10.0 | .055 | .035 | .021 | .048 | .030 | .019 | .033 | .021 | .013 | .019 | .013 | .008 | .006 | .004 | .003 | |

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C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-12-1

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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:BXRE-30G1000-A-83 Ra:90
LENS:PM-1082A 24R
DRIVER:PUP20A-1WMC 400mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | |
|---|-----|----------------------|-----|-----|---------------------|-----|--------------------|------------------|-----|-----|-----|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | | | | | | | | | | |
| 灯具名称: 2318.111-LEA-14(400mA) | | | | | 灯具类型: | | | 灯具重量: | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2312011406 | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.003737385m2 | | | 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 | 5.8 | 6.5 | 6.0 | 6.6 | 6.8 | 6.3 | 7.0 | 6.5 | 7.1 | 7.3 |
| | 3H | 5.7 | 6.3 | 5.9 | 6.5 | 6.7 | 6.1 | 6.8 | 6.4 | 6.9 | 7.1 |
| | 4H | 5.6 | 6.2 | 5.8 | 6.4 | 6.6 | 6.1 | 6.7 | 6.3 | 6.9 | 7.1 |
| | 6H | 5.5 | 6.1 | 5.8 | 6.3 | 6.5 | 6.0 | 6.5 | 6.3 | 6.8 | 7.0 |
| | 8H | 5.5 | 6.0 | 5.7 | 6.2 | 6.5 | 5.9 | 6.5 | 6.2 | 6.7 | 7.0 |
| | 12H | 5.4 | 5.9 | 5.7 | 6.2 | 6.5 | 5.9 | 6.4 | 6.2 | 6.7 | 6.9 |
| 4H | 2H | 5.6 | 6.2 | 5.8 | 6.4 | 6.6 | 6.1 | 6.7 | 6.3 | 6.9 | 7.1 |
| | 3H | 5.4 | 5.9 | 5.7 | 6.2 | 6.5 | 5.9 | 6.4 | 6.2 | 6.7 | 6.9 |
| | 4H | 5.3 | 5.8 | 5.7 | 6.1 | 6.4 | 5.8 | 6.3 | 6.1 | 6.6 | 6.9 |
| | 6H | 5.2 | 5.6 | 5.6 | 6.0 | 6.3 | 5.7 | 6.1 | 6.1 | 6.4 | 6.8 |
| | 8H | 5.2 | 5.6 | 5.5 | 5.9 | 6.3 | 5.6 | 6.0 | 6.0 | 6.4 | 6.7 |
| | 12H | 5.1 | 5.5 | 5.5 | 5.8 | 6.2 | 5.6 | 5.9 | 6.0 | 6.3 | 6.7 |
| 8H | 4H | 5.2 | 5.6 | 5.5 | 5.9 | 6.3 | 5.6 | 6.0 | 6.0 | 6.4 | 6.7 |
| | 6H | 5.0 | 5.4 | 5.5 | 5.8 | 6.2 | 5.5 | 5.9 | 5.9 | 6.2 | 6.7 |
| | 8H | 5.0 | 5.3 | 5.4 | 5.7 | 6.1 | 5.5 | 5.8 | 5.9 | 6.2 | 6.6 |
| | 12H | 4.9 | 5.2 | 5.4 | 5.6 | 6.1 | 5.4 | 5.7 | 5.9 | 6.1 | 6.6 |
| 12H | 4H | 5.1 | 5.5 | 5.5 | 5.8 | 6.2 | 5.6 | 5.9 | 6.0 | 6.3 | 6.7 |
| | 6H | 5.0 | 5.3 | 5.4 | 5.7 | 6.1 | 5.5 | 5.8 | 5.9 | 6.2 | 6.6 |
| | 8H | 4.9 | 5.2 | 5.4 | 5.6 | 6.1 | 5.4 | 5.7 | 5.9 | 6.1 | 6.6 |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 3.2 / -13.4 | | | | | + 3.6 / -14.0 | | | | |
| 1.5H | | + 5.4 / - 7.4 | | | | | + 5.9 / - 8.0 | | | | |
| 2.0H | | + 5.6 / -12.3 | | | | | + 6.0 / -13.8 | | | | |

依据CIE Pub.117计算, 1579lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = 1.6$)。
 出光口面积: 0.00373738 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: 2023-12-1

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-30G1000-A-83 Ra:90
 LENS:PM-1082A 24R
 DRIVER:PUP20A-1WMC 400mA
 30minutes warm-up

UF利用系数表

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m ² | 遮光角: |

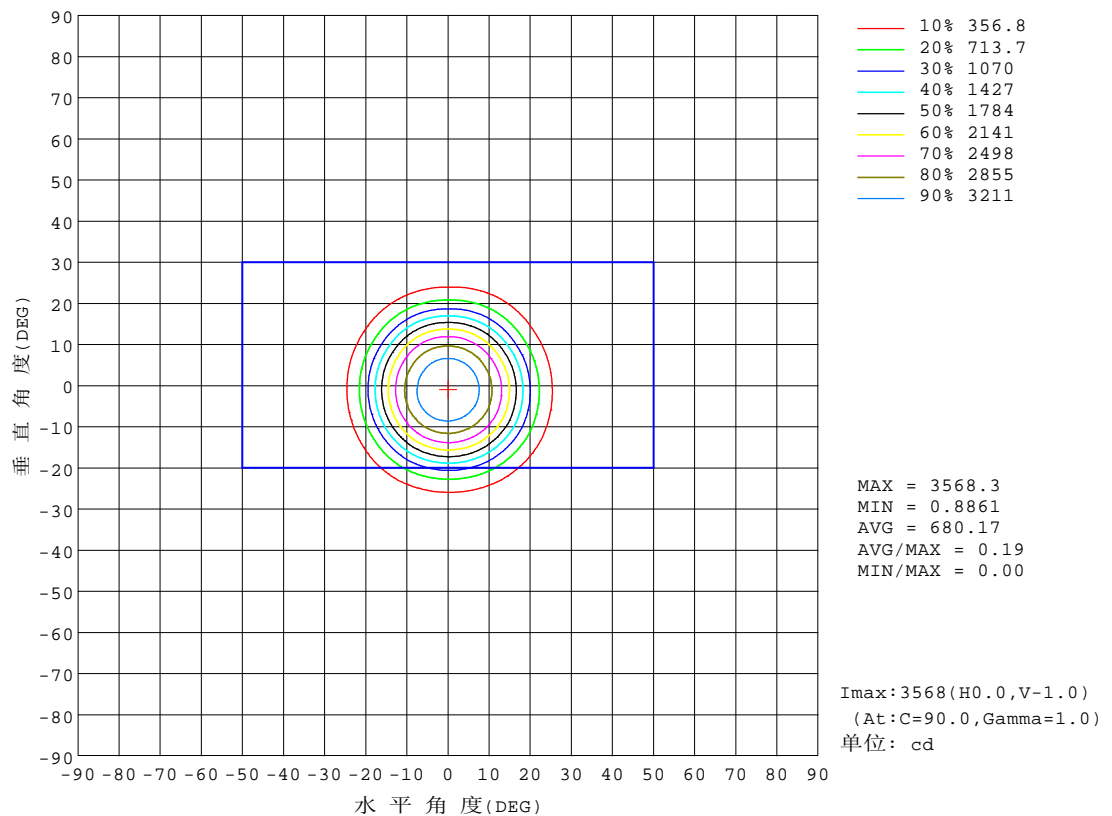
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 63 | 59 | 57 | 62 | 59 | 56 | 62 | 59 | 56 | 54 |
| 0.80 | 68 | 64 | 62 | 67 | 64 | 62 | 66 | 63 | 61 | 59 |
| 1.00 | 70 | 67 | 65 | 70 | 66 | 64 | 69 | 66 | 64 | 62 |
| 1.25 | 73 | 69 | 67 | 72 | 69 | 67 | 71 | 68 | 66 | 64 |
| 1.50 | 74 | 71 | 69 | 73 | 71 | 69 | 72 | 70 | 68 | 65 |
| 2.00 | 76 | 73 | 71 | 75 | 72 | 71 | 73 | 71 | 70 | 66 |
| 2.50 | 77 | 74 | 73 | 76 | 74 | 72 | 74 | 72 | 71 | 67 |
| 3.00 | 78 | 76 | 74 | 76 | 75 | 73 | 74 | 73 | 72 | 67 |
| 4.00 | 79 | 77 | 76 | 78 | 76 | 75 | 75 | 74 | 73 | 68 |
| 5.00 | 80 | 78 | 77 | 78 | 77 | 76 | 76 | 75 | 74 | 69 |
| 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: 2023-12-1

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-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

灯具等光强曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m ² | 遮光角: |

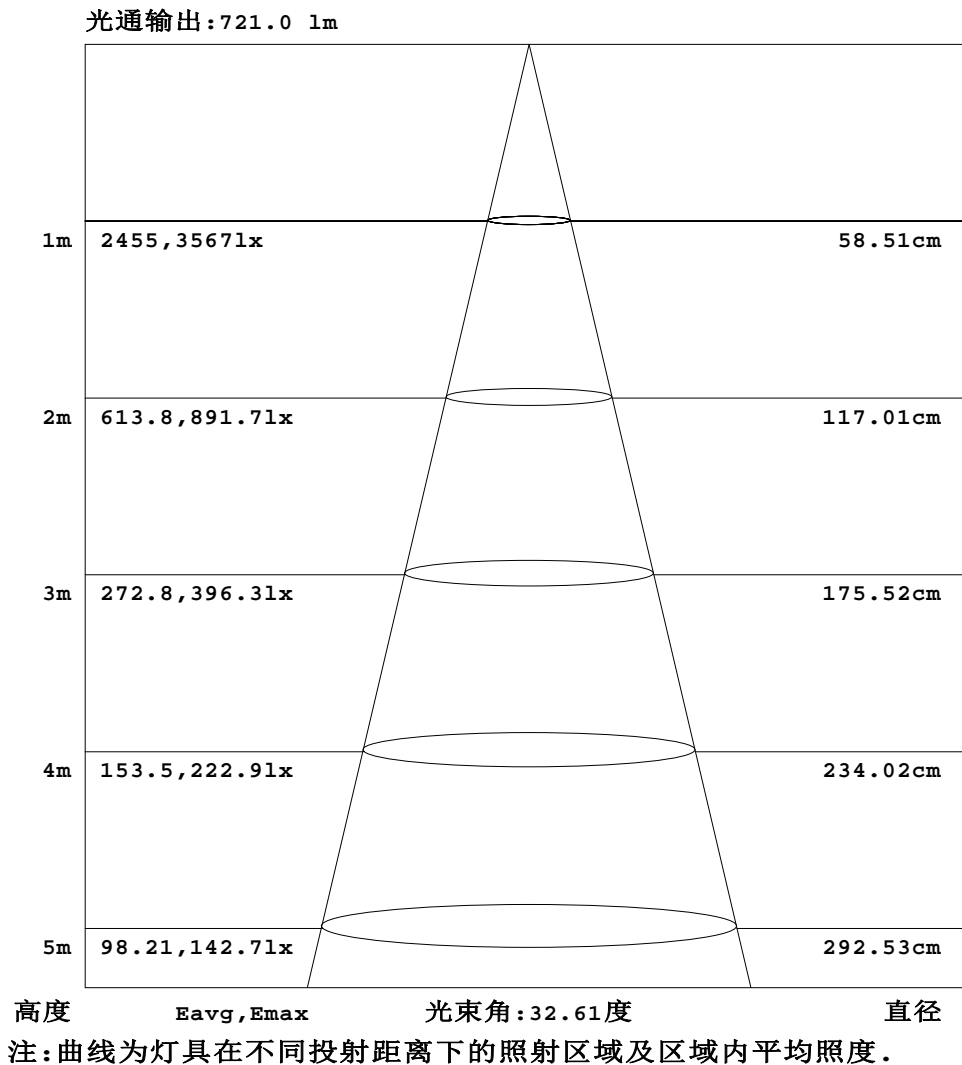


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-12-1

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-30G1000-A-83 Ra:90
LENS:PM-1082A 24R
DRIVER:PUP20A-1WMC 400mA
30minutes warm-up

灯具有效平均照度图

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m ² | 遮光角: |

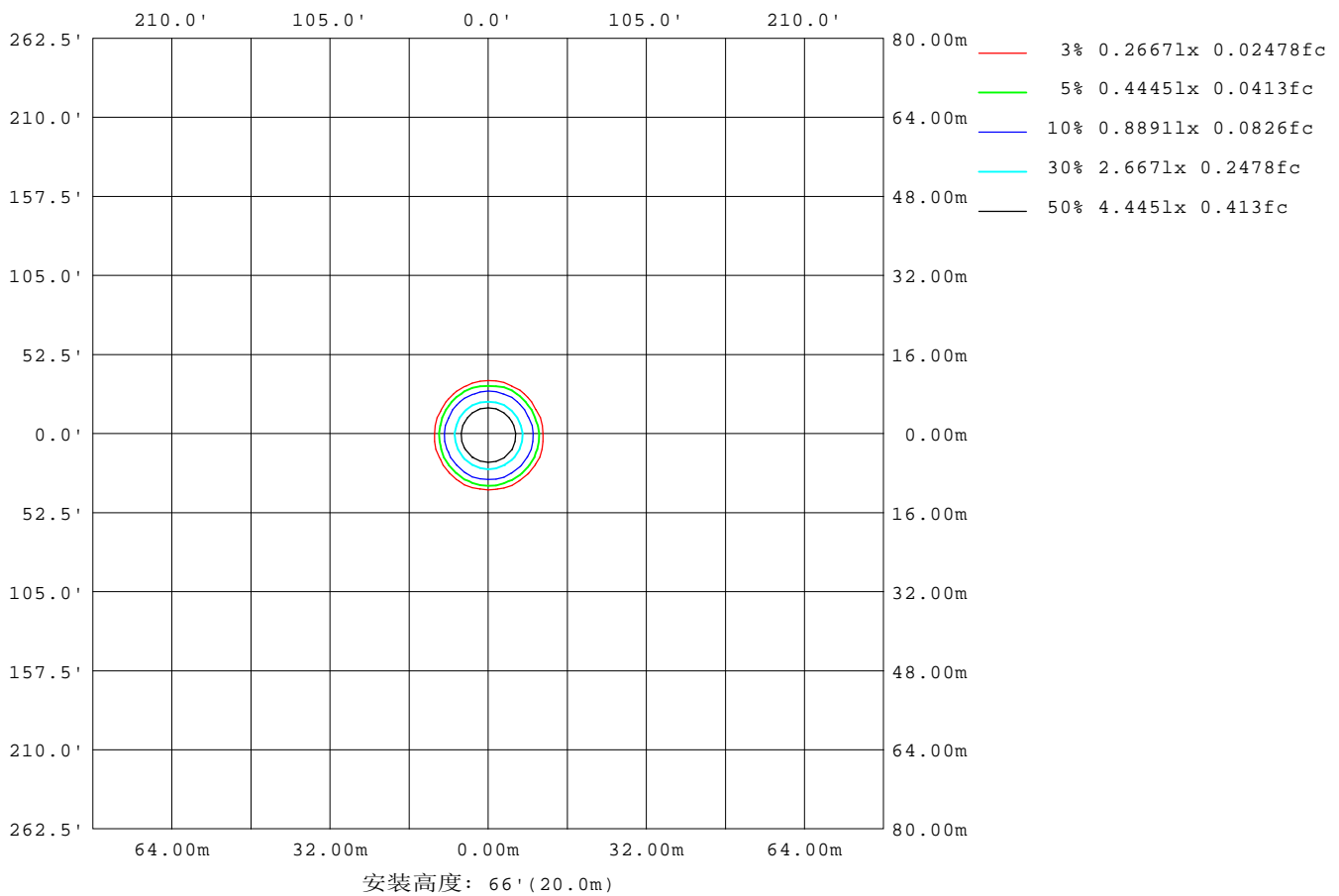


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-12-1

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-30G1000-A-83 Ra: 90
 LENS: PM-1082A 24R
 DRIVER: PUP20A-1WMC 400mA
 30minutes warm-up

平面等照度曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m 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: 2023-12-1

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-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m ² | 遮光角: |

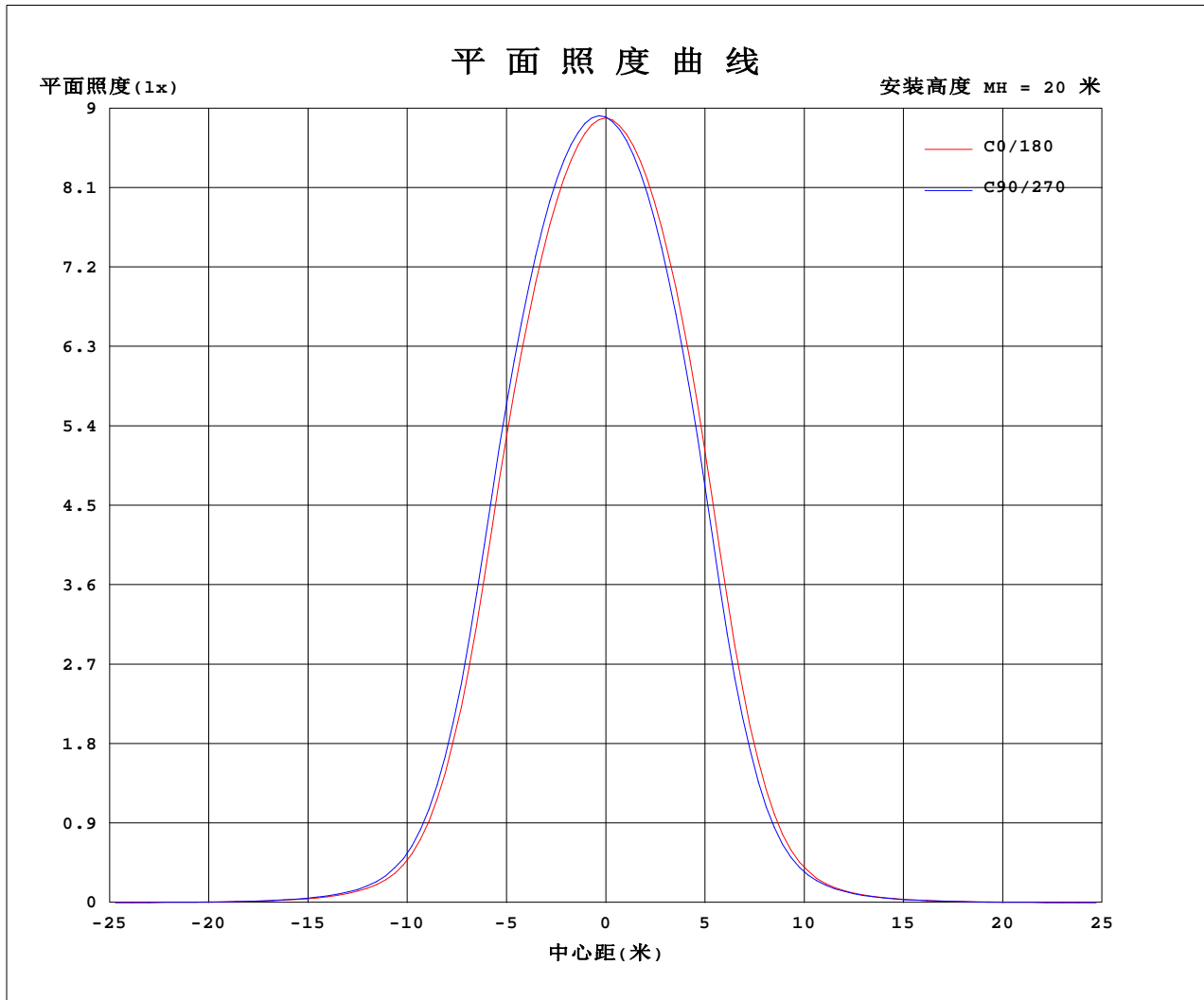
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 108 |
| L横(75)av | 69 |
| L横(85)av | 129 |
| L纵(65)av | 101 |
| L纵(75)av | 59 |
| L纵(85)av | 112 |
| L45(65)av | 108 |
| L45(75)av | 54 |
| L45(85)av | 70 |

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: 2023-12-1

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-30G1000-A-83 Ra:90
 LENS:PM-1082A 24R
 DRIVER:PUP20A-1WMC 400mA
 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: 2023-12-1

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-30G1000-A-83 Ra: 90
LENS: PM-1082A 24R
DRIVER: PUP20A-1WMC 400mA
30minutes warm-up



光强分布数据表格

| | | |
|---|---------------------|------------------|
| 实测参数: U:120.12V I:0.1331A P:15.877W PF:0.9920 Freq:59.98Hz 实检光通: 1579.4x1 lm | | |
| 灯具名称: 2318.111-LEA-14(400mA) | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2312011406 |
| 制造厂商: RISE | 发光口面: 0.003737385m2 | 遮光角: |

表--1

单位: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | | | | | | |
| 5 | 3407 | 3440 | 3459 | 3475 | 3470 | 3446 | 3402 | 3366 | 3353 | 3345 | 3349 | 3369 | | | | | | |
| 10 | 2944 | 3018 | 3054 | 3069 | 3053 | 2996 | 2922 | 2850 | 2820 | 2792 | 2815 | 2855 | | | | | | |
| 15 | 2128 | 2254 | 2296 | 2289 | 2259 | 2150 | 2036 | 1932 | 1896 | 1850 | 1909 | 1978 | | | | | | |
| 20 | 1069 | 1190 | 1215 | 1197 | 1168 | 1049 | 963 | 886 | 862 | 834 | 898 | 932 | | | | | | |
| 25 | 386 | 451 | 463 | 445 | 432 | 364 | 320 | 289 | 287 | 276 | 314 | 321 | | | | | | |
| 30 | 126 | 153 | 155 | 147 | 142 | 119 | 104 | 100 | 100 | 97.1 | 108 | 108 | | | | | | |
| 35 | 49.0 | 58.7 | 59.2 | 56.5 | 53.9 | 46.2 | 41.1 | 39.9 | 39.4 | 38.4 | 42.0 | 42.5 | | | | | | |
| 40 | 20.7 | 23.9 | 23.8 | 22.6 | 21.7 | 19.2 | 16.9 | 16.2 | 16.1 | 15.6 | 17.2 | 18.0 | | | | | | |
| 45 | 7.59 | 8.78 | 8.90 | 8.16 | 7.89 | 6.99 | 5.98 | 5.58 | 5.43 | 5.29 | 5.97 | 6.51 | | | | | | |
| 50 | 3.77 | 4.10 | 4.09 | 3.74 | 3.78 | 3.62 | 3.23 | 2.95 | 2.92 | 3.03 | 3.31 | 3.47 | | | | | | |
| 55 | 1.96 | 2.24 | 2.17 | 2.01 | 1.89 | 1.72 | 1.54 | 1.26 | 1.31 | 1.47 | 1.74 | 1.78 | | | | | | |
| 60 | 0.27 | 0.29 | 0.24 | 0.20 | 0.16 | 0.14 | 0.14 | 0.18 | 0.20 | 0.20 | 0.21 | 0.22 | | | | | | |
| 65 | 0.21 | 0.20 | 0.16 | 0.13 | 0.12 | 0.12 | 0.13 | 0.17 | 0.19 | 0.19 | 0.19 | 0.20 | | | | | | |
| 70 | 0.16 | 0.15 | 0.13 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.13 | 0.13 | 0.14 | | | | | | |
| 75 | 0.08 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | | | | | | |
| 80 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.05 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | | | | | | |
| 85 | 0.05 | 0.03 | 0.03 | 0.04 | 0.02 | 0.02 | 0.04 | 0.03 | 0.02 | 0.04 | 0.02 | 0.02 | | | | | | |
| 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: 2023-12-1

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-30G1000-A-83 Ra:90

LENS:PM-1082A 24R

DRIVER:PUP20A-1WMC 400mA

30minutes warm-up