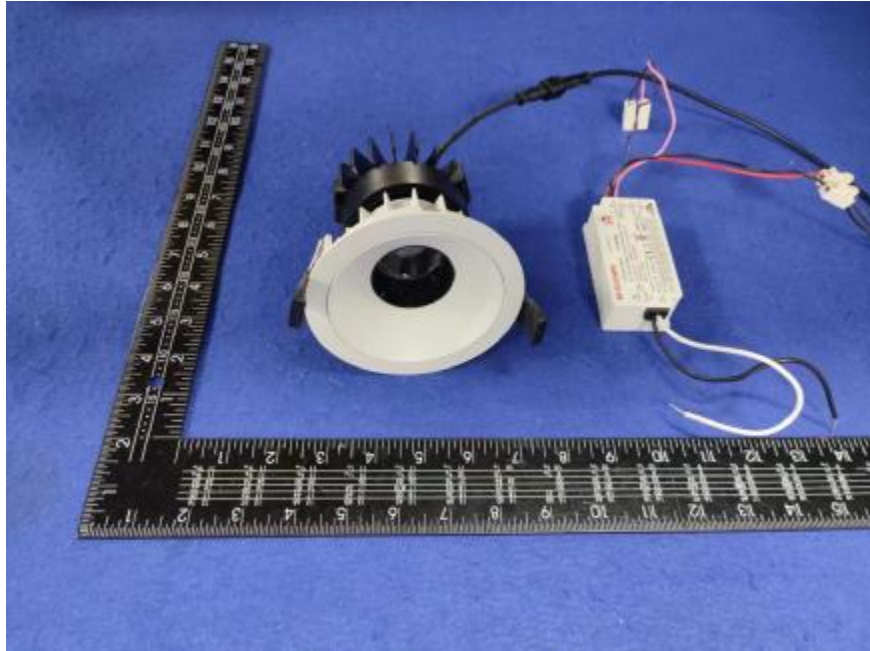


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 83.2% | |
| Luminaire Power: | 19.69 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: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

灯具配光曲线及特征面照片

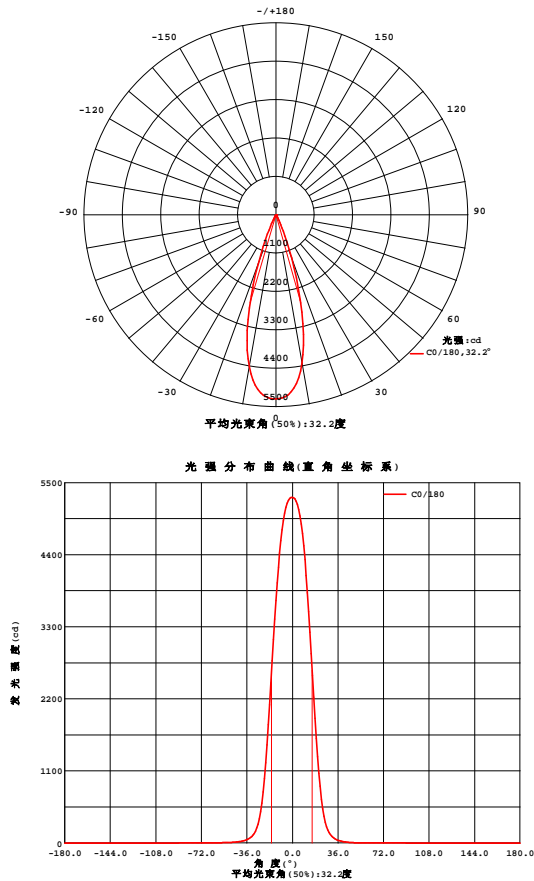


Fig. C0/C180

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: 2023-10-10

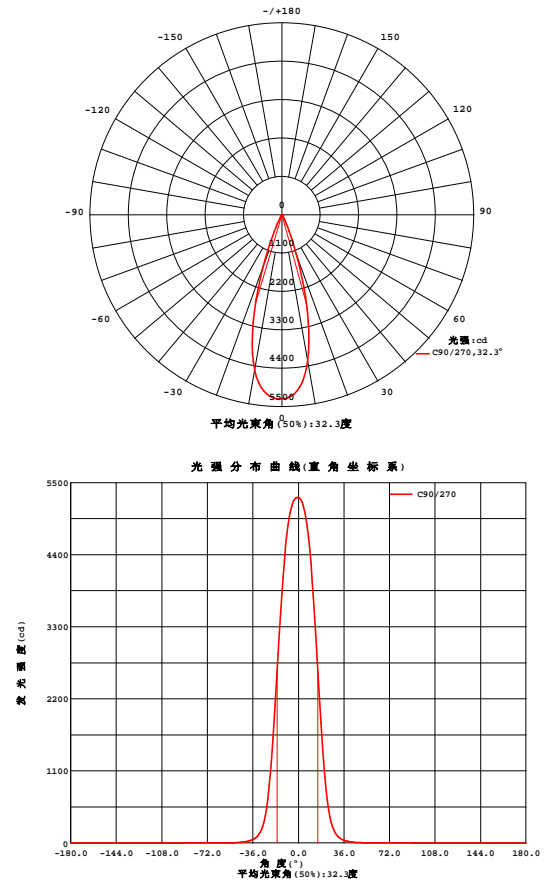


Fig. C90/C270

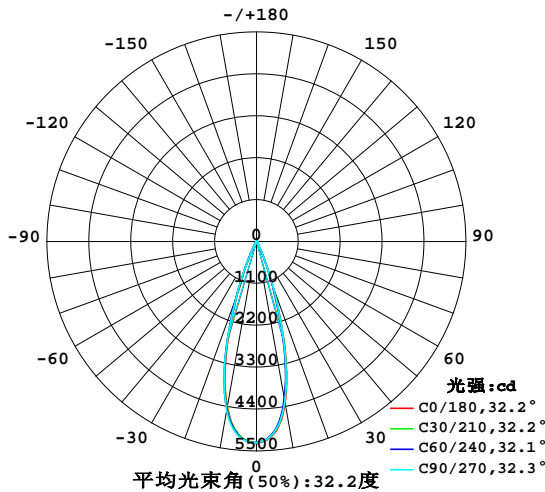
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

室内灯具光度数据

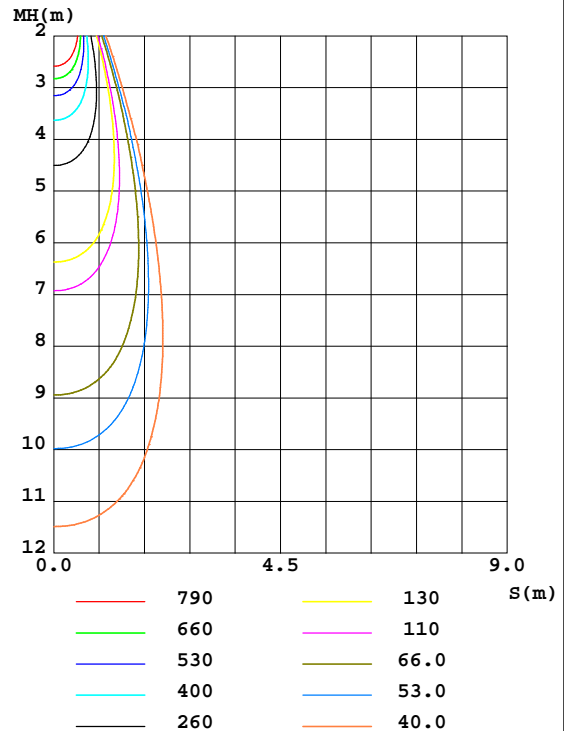
| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 79.20 lm/W |
|-----------|-----------|----------|--------|-------------------|--|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 5275 | S/MH(C0/180) | | 0.51 |
| 标称功率(W) | 20 | 灯具效率(%) | 83.2 | S/MH(C90/270) | | 0.52 |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1559.9 | η UP,DN(C0-180) | | 0.0,39.8 |
| 额定光通量(lm) | 1874.5 | CIE分类 | 直接 | η UP,DN(C180-360) | | 0.0,43.4 |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | | 0.50 |
| 实测电源电压(V) | 120 | 下射光通比(%) | 83.2 | 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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
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 | 4326 | 4242 | 4265 | 4405 | 4424 | 4475 | 4524 | 4473 | 0- 10 | 465.2 | 465.2 | 29.8, 24.8 |
| 20 | 1315 | 1248 | 1253 | 1393 | 1498 | 1607 | 1595 | 1480 | 10- 20 | 796.8 | 1262 | 80.9, 67.3 |
| 30 | 129.8 | 130.3 | 129.4 | 137.5 | 145.8 | 172.9 | 162.8 | 142.2 | 20- 30 | 247.3 | 1509 | 96.8, 80.5 |
| 40 | 21.32 | 21.55 | 21.63 | 22.87 | 26.69 | 27.10 | 26.60 | 22.97 | 30- 40 | 39.86 | 1549 | 99.3, 82.6 |
| 50 | 3.721 | 4.078 | 4.098 | 4.163 | 8.151 | 4.772 | 4.580 | 4.293 | 40- 50 | 8.593 | 1558 | 99.9, 83.1 |
| 60 | 0.6539 | 0.5627 | 0.4552 | 0.5770 | 0.6826 | 0.6504 | 0.6160 | 0.6359 | 50- 60 | 1.786 | 1559 | 100, 83.2 |
| 70 | 0.1539 | 0.1198 | 0.1086 | 0.1156 | 0.1379 | 0.1192 | 0.1140 | 0.1208 | 60- 70 | 0.2553 | 1560 | 100, 83.2 |
| 80 | 0.0962 | 0.0575 | 0.0645 | 0.0531 | 0.0849 | 0.0594 | 0.0696 | 0.0576 | 70- 80 | 0.0961 | 1560 | 100, 83.2 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0414 | 1560 | 100, 83.2 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1560 | 100, 83.2 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1560 | 100, 83.2 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1560 | 100, 83.2 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1560 | 100, 83.2 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1560 | 100, 83.2 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1560 | 100, 83.2 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1560 | 100, 83.2 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1560 | 100, 83.2 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1560 | 100, 83.2 |
| 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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz
实检光通: 1874.5x1 lm

灯具名称: 2318.133-LEA-15

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

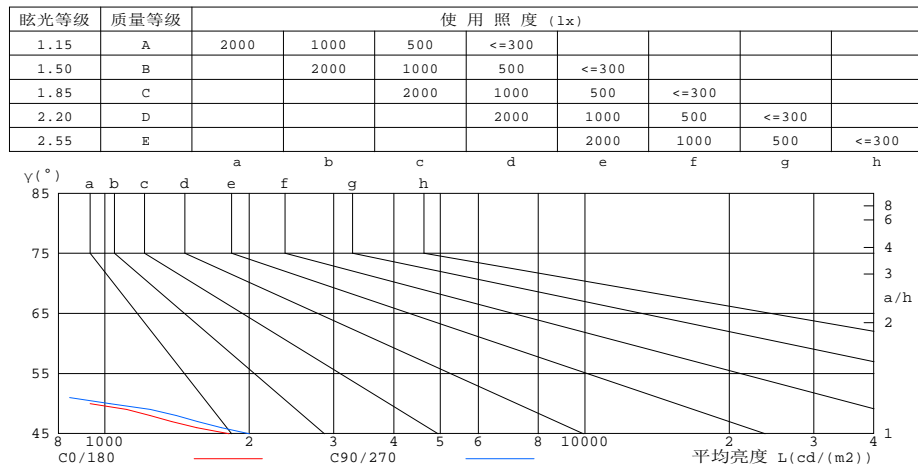
测试编号: 2310061210

制造厂商: RISE

发光口面: 0.006217985m²

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 | 116 | 84 |
| 80 | 89 | 60 |
| 75 | 76 | 53 |
| 70 | 72 | 51 |
| 65 | 97 | 70 |
| 60 | 210 | 146 |
| 55 | 405 | 318 |
| 50 | 932 | 1025 |
| 45 | 1814 | 2000 |

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: 2023-10-10

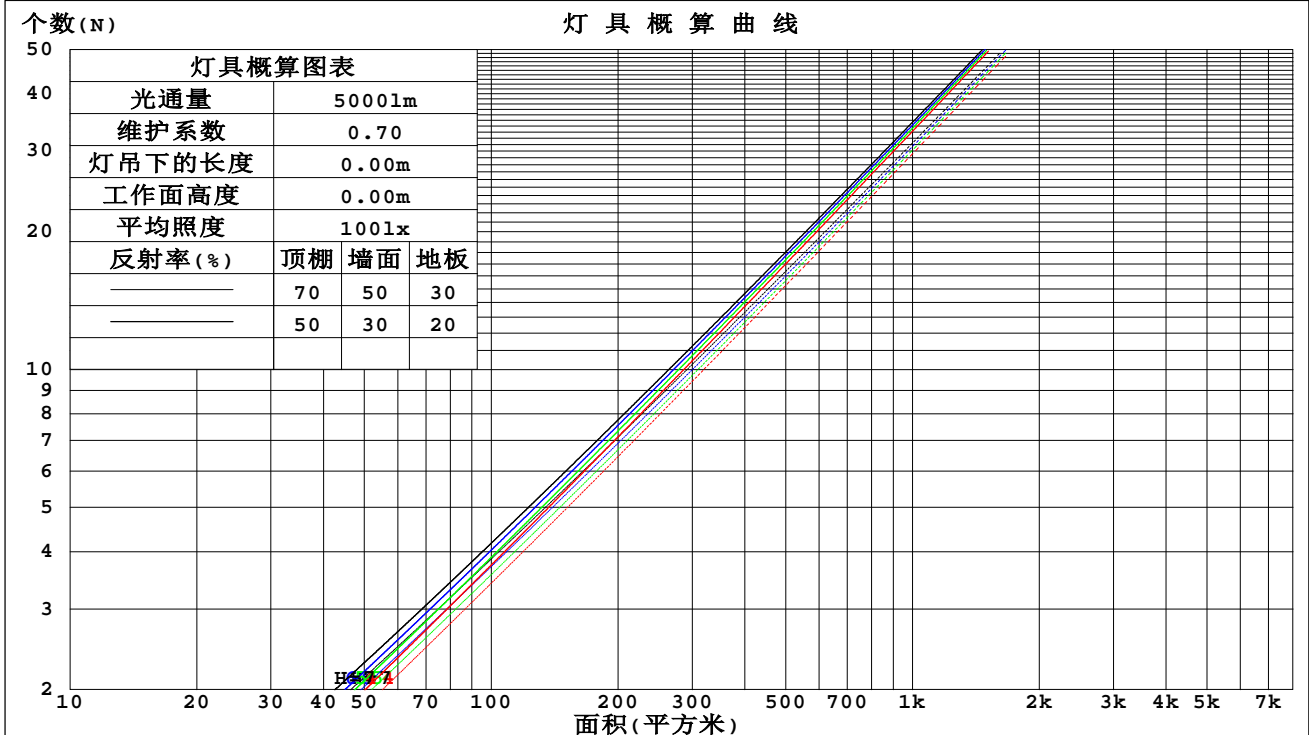
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz
实检光通: 1874.5x1 lm

| | | |
|-----------------------|---------------------------------|------------------|
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m 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 | .99 | .99 | .99 | .97 | .97 | .97 | .92 | .92 | .92 | .89 | .89 | .89 | .85 | .85 | .85 | .83 |
| 1.0 | .94 | .92 | .91 | .92 | .91 | .89 | .89 | .88 | .87 | .86 | .85 | .84 | .83 | .82 | .82 | .80 |
| 2.0 | .89 | .87 | .85 | .88 | .86 | .84 | .86 | .84 | .82 | .83 | .82 | .80 | .81 | .80 | .79 | .78 |
| 3.0 | .86 | .83 | .80 | .85 | .82 | .80 | .82 | .80 | .78 | .81 | .79 | .77 | .79 | .77 | .76 | .75 |
| 4.0 | .82 | .79 | .76 | .81 | .78 | .76 | .80 | .77 | .75 | .78 | .76 | .74 | .77 | .75 | .73 | .72 |
| 5.0 | .79 | .76 | .73 | .78 | .75 | .73 | .77 | .74 | .72 | .76 | .73 | .72 | .75 | .73 | .71 | .70 |
| 6.0 | .76 | .73 | .70 | .76 | .72 | .70 | .75 | .72 | .70 | .74 | .71 | .69 | .73 | .70 | .69 | .68 |
| 7.0 | .74 | .70 | .68 | .73 | .70 | .68 | .72 | .69 | .67 | .71 | .69 | .67 | .71 | .68 | .67 | .66 |
| 8.0 | .71 | .68 | .65 | .71 | .68 | .65 | .70 | .67 | .65 | .69 | .67 | .65 | .69 | .66 | .65 | .64 |
| 9.0 | .69 | .66 | .63 | .69 | .66 | .63 | .68 | .65 | .63 | .68 | .65 | .63 | .67 | .65 | .63 | .62 |
| 10.0 | .67 | .64 | .61 | .67 | .64 | .61 | .66 | .63 | .61 | .66 | .63 | .61 | .65 | .63 | .61 | .60 |



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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m 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 | 墙 壁 面 利 用 系 数 | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .115 | .065 | .021 | .109 | .062 | .020 | .099 | .057 | .018 | .089 | .052 | .017 | .081 | .047 | .015 | |
| 2.0 | .106 | .058 | .018 | .102 | .056 | .017 | .093 | .052 | .016 | .085 | .048 | .015 | .078 | .044 | .014 | |
| 3.0 | .099 | .053 | .016 | .095 | .051 | .015 | .088 | .048 | .015 | .082 | .045 | .014 | .076 | .042 | .013 | |
| 4.0 | .093 | .048 | .014 | .090 | .047 | .014 | .084 | .045 | .013 | .078 | .042 | .013 | .073 | .040 | .012 | |
| 5.0 | .088 | .045 | .013 | .085 | .044 | .013 | .080 | .042 | .012 | .075 | .040 | .012 | .071 | .038 | .011 | |
| 6.0 | .083 | .042 | .012 | .081 | .041 | .012 | .077 | .039 | .011 | .073 | .038 | .011 | .069 | .036 | .011 | |
| 7.0 | .079 | .039 | .011 | .077 | .039 | .011 | .074 | .037 | .011 | .070 | .036 | .010 | .067 | .035 | .010 | |
| 8.0 | .076 | .037 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .010 | |
| 9.0 | .073 | .035 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .009 | .063 | .032 | .009 | |
| 10.0 | .070 | .033 | .009 | .068 | .033 | .009 | .066 | .032 | .009 | .063 | .031 | .009 | .061 | .031 | .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 | .159 | .159 | .159 | .135 | .135 | .135 | .092 | .092 | .092 | .053 | .053 | .053 | .017 | .017 | .017 | |
| 1.0 | .140 | .131 | .123 | .120 | .113 | .106 | .082 | .077 | .073 | .047 | .045 | .043 | .015 | .014 | .014 | |
| 2.0 | .125 | .110 | .098 | .107 | .095 | .085 | .073 | .066 | .059 | .042 | .038 | .035 | .014 | .012 | .011 | |
| 3.0 | .113 | .094 | .080 | .097 | .081 | .069 | .066 | .056 | .048 | .038 | .033 | .029 | .012 | .011 | .009 | |
| 4.0 | .102 | .081 | .066 | .088 | .070 | .057 | .060 | .049 | .040 | .035 | .029 | .024 | .011 | .009 | .008 | |
| 5.0 | .094 | .071 | .055 | .080 | .062 | .048 | .055 | .043 | .034 | .032 | .025 | .020 | .010 | .008 | .007 | |
| 6.0 | .086 | .063 | .046 | .074 | .055 | .040 | .051 | .038 | .028 | .030 | .022 | .017 | .010 | .007 | .006 | |
| 7.0 | .080 | .056 | .039 | .069 | .049 | .034 | .048 | .034 | .024 | .028 | .020 | .014 | .009 | .007 | .005 | |
| 8.0 | .075 | .051 | .034 | .064 | .044 | .030 | .045 | .031 | .021 | .026 | .018 | .013 | .008 | .006 | .004 | |
| 9.0 | .070 | .046 | .029 | .061 | .040 | .026 | .042 | .028 | .018 | .024 | .017 | .011 | .008 | .005 | .004 | |
| 10.0 | .066 | .042 | .026 | .057 | .036 | .023 | .040 | .026 | .016 | .023 | .015 | .010 | .007 | .005 | .003 | |

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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|---|-----|----------------------|-----|-----|---------------------|-----|--------------------|------------------|-----|-----|-----|-----|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | | | | | | | | | | | |
| 灯具名称: 2318.133-LEA-15 | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2310061210 | | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.006217985m2 | | | 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 | 2.0 | 2.6 | 2.2 | 2.8 | 2.9 | 1.8 | 2.5 | 2.0 | 2.6 | 2.8 | |
| | 3H | 1.8 | 2.4 | 2.0 | 2.6 | 2.8 | 1.7 | 2.3 | 1.9 | 2.5 | 2.7 | |
| | 4H | 1.7 | 2.3 | 2.0 | 2.5 | 2.7 | 1.6 | 2.2 | 1.8 | 2.4 | 2.6 | |
| | 6H | 1.6 | 2.2 | 1.9 | 2.4 | 2.7 | 1.5 | 2.1 | 1.8 | 2.3 | 2.5 | |
| | 8H | 1.6 | 2.1 | 1.9 | 2.4 | 2.6 | 1.5 | 2.0 | 1.8 | 2.2 | 2.5 | |
| | 12H | 1.6 | 2.1 | 1.9 | 2.3 | 2.6 | 1.4 | 1.9 | 1.7 | 2.2 | 2.5 | |
| | 4H | 2H | 1.7 | 2.3 | 2.0 | 2.5 | 2.7 | 1.6 | 2.2 | 1.9 | 2.4 | 2.6 |
| | 3H | 1.6 | 2.1 | 1.9 | 2.3 | 2.6 | 1.4 | 1.9 | 1.7 | 2.2 | 2.5 | |
| | 4H | 1.5 | 1.9 | 1.8 | 2.2 | 2.5 | 1.3 | 1.8 | 1.7 | 2.1 | 2.4 | |
| | 6H | 1.4 | 1.8 | 1.7 | 2.1 | 2.4 | 1.2 | 1.6 | 1.6 | 2.0 | 2.3 | |
| | 8H | 1.3 | 1.7 | 1.7 | 2.0 | 2.4 | 1.2 | 1.6 | 1.6 | 1.9 | 2.3 | |
| | 12H | 1.3 | 1.6 | 1.7 | 2.0 | 2.4 | 1.1 | 1.5 | 1.5 | 1.8 | 2.2 | |
| 8H | 4H | 1.3 | 1.7 | 1.7 | 2.0 | 2.4 | 1.2 | 1.6 | 1.6 | 1.9 | 2.3 | |
| | 6H | 1.2 | 1.5 | 1.6 | 1.9 | 2.3 | 1.1 | 1.4 | 1.5 | 1.8 | 2.2 | |
| | 8H | 1.1 | 1.4 | 1.6 | 1.8 | 2.3 | 1.0 | 1.3 | 1.4 | 1.7 | 2.1 | |
| | 12H | 1.1 | 1.3 | 1.5 | 1.8 | 2.2 | 0.9 | 1.2 | 1.4 | 1.6 | 2.1 | |
| 12H | 4H | 1.3 | 1.6 | 1.7 | 2.0 | 2.4 | 1.1 | 1.5 | 1.5 | 1.8 | 2.2 | |
| | 6H | 1.1 | 1.4 | 1.6 | 1.8 | 2.3 | 1.0 | 1.3 | 1.4 | 1.7 | 2.1 | |
| | 8H | 1.1 | 1.3 | 1.5 | 1.8 | 2.2 | 0.9 | 1.2 | 1.4 | 1.6 | 2.1 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 3.6 / -13.3 | | | | | + 3.6 / -14.5 | | | | | |
| 1.5H | | + 5.9 / -11.0 | | | | | + 5.8 / -11.6 | | | | | |
| 2.0H | | + 5.9 / - 9.6 | | | | | + 6.4 / -11.1 | | | | | |

依据CIE Pub.117计算, 1875lm光源光通表格中的数据需要进行修正($8\log(F/F_0) = 2.2$).

出光口面积: 0.00621798 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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UF利用系数表

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

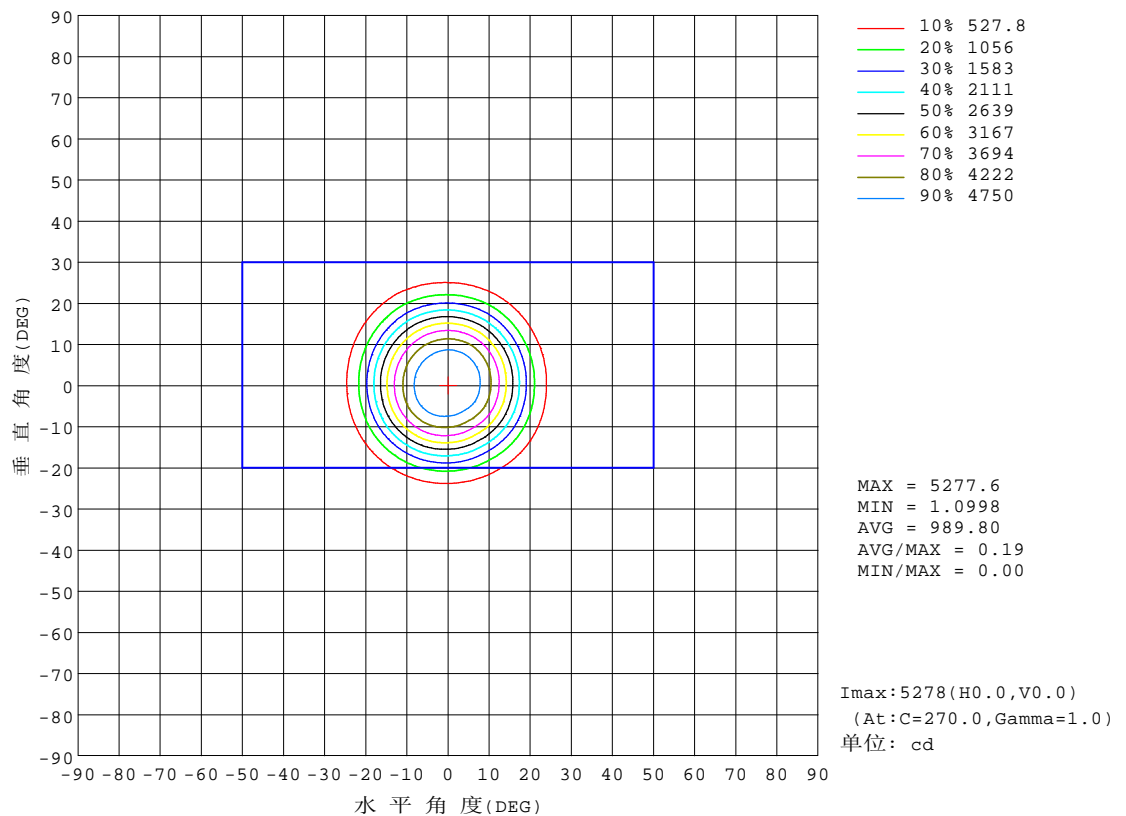
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 76 | 71 | 68 | 75 | 71 | 68 | 75 | 71 | 68 | 65 |
| 0.80 | 82 | 77 | 75 | 81 | 77 | 74 | 80 | 77 | 74 | 71 |
| 1.00 | 85 | 81 | 78 | 84 | 80 | 78 | 83 | 80 | 77 | 74 |
| 1.25 | 88 | 84 | 81 | 87 | 83 | 81 | 85 | 82 | 80 | 77 |
| 1.50 | 90 | 86 | 84 | 89 | 86 | 83 | 87 | 84 | 82 | 79 |
| 2.00 | 91 | 88 | 86 | 90 | 87 | 85 | 88 | 86 | 84 | 80 |
| 2.50 | 93 | 90 | 88 | 91 | 89 | 87 | 89 | 87 | 85 | 81 |
| 3.00 | 94 | 91 | 89 | 92 | 90 | 88 | 90 | 88 | 86 | 81 |
| 4.00 | 95 | 93 | 92 | 94 | 92 | 90 | 91 | 89 | 88 | 83 |
| 5.00 | 96 | 95 | 93 | 95 | 93 | 92 | 91 | 90 | 89 | 83 |
| 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: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

灯具等光强曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

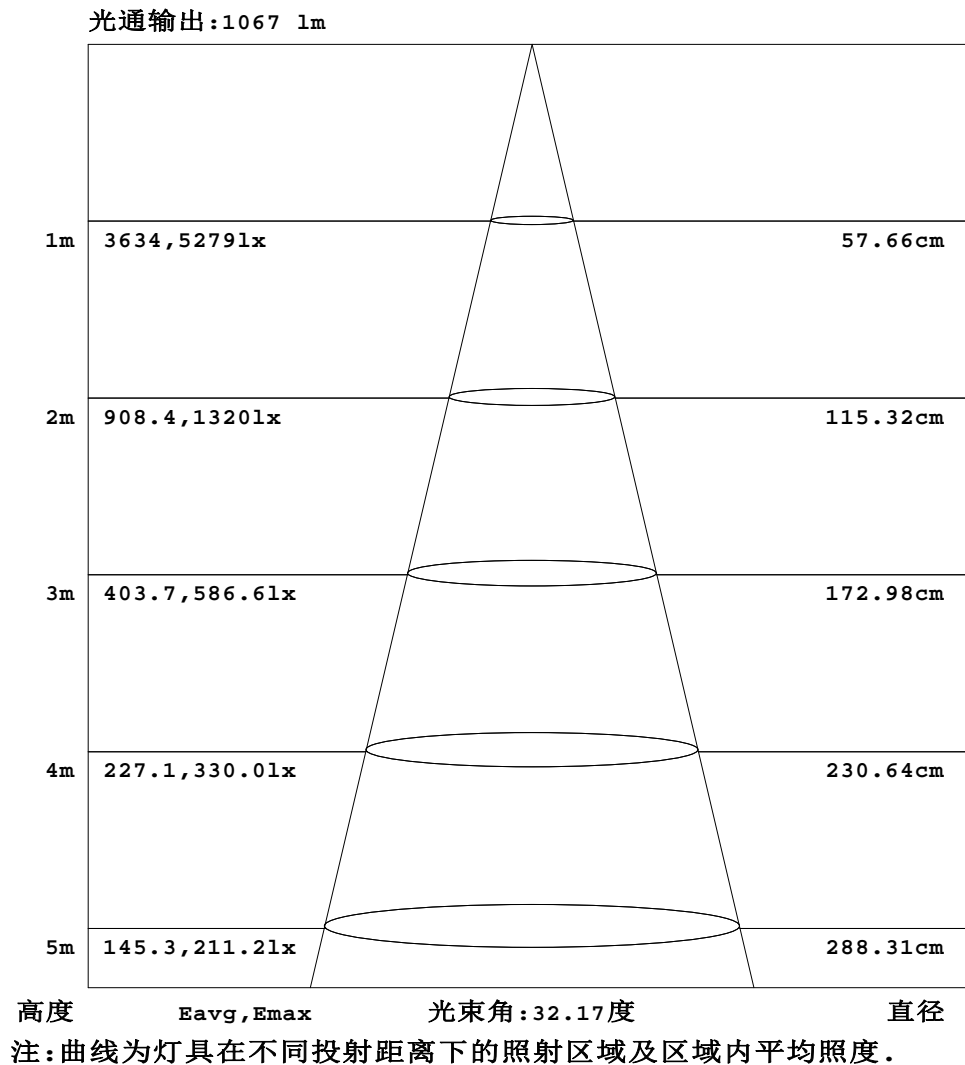


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

灯具有效平均照度图

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

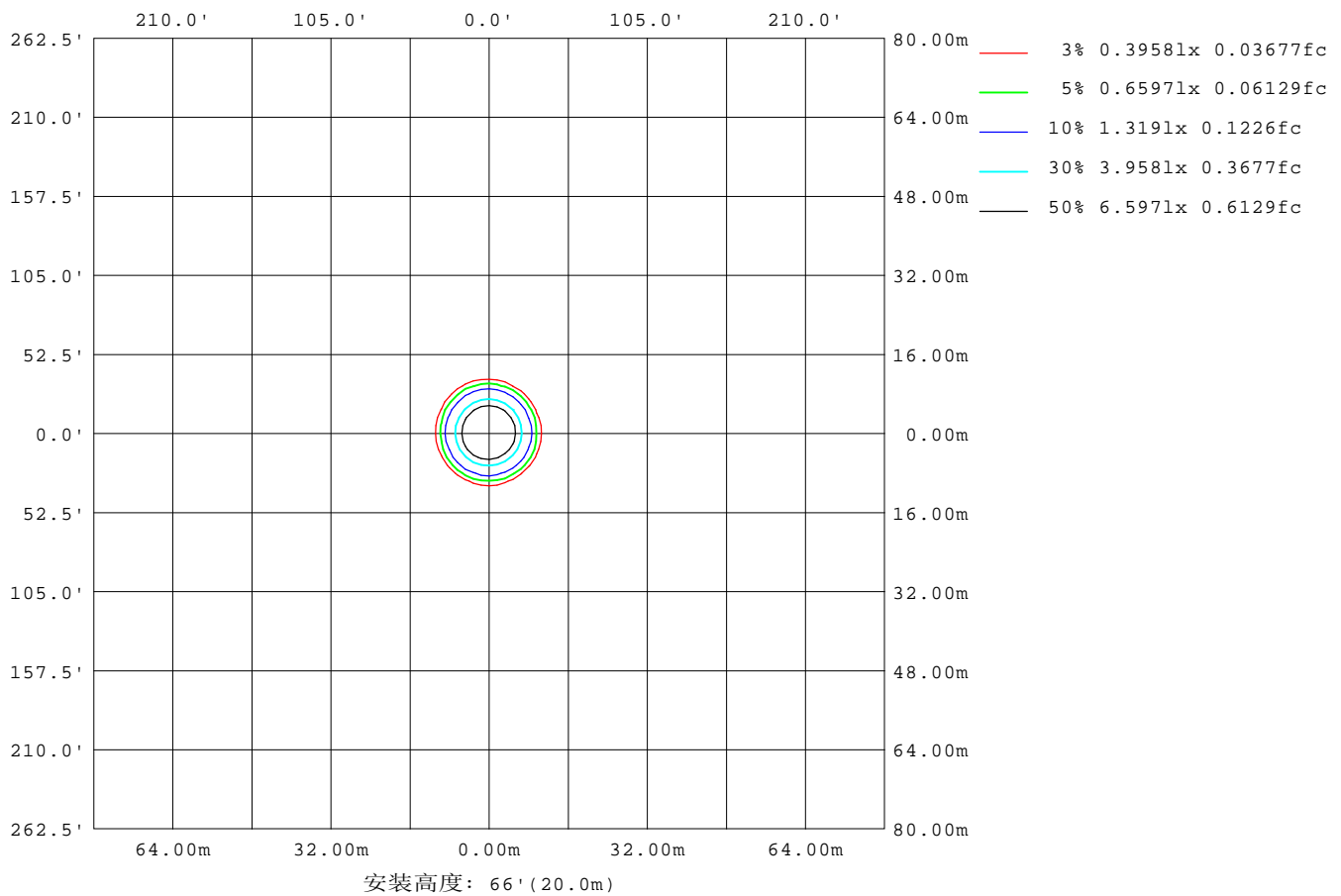


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

平面等照度曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m 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: 2023-10-10

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-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

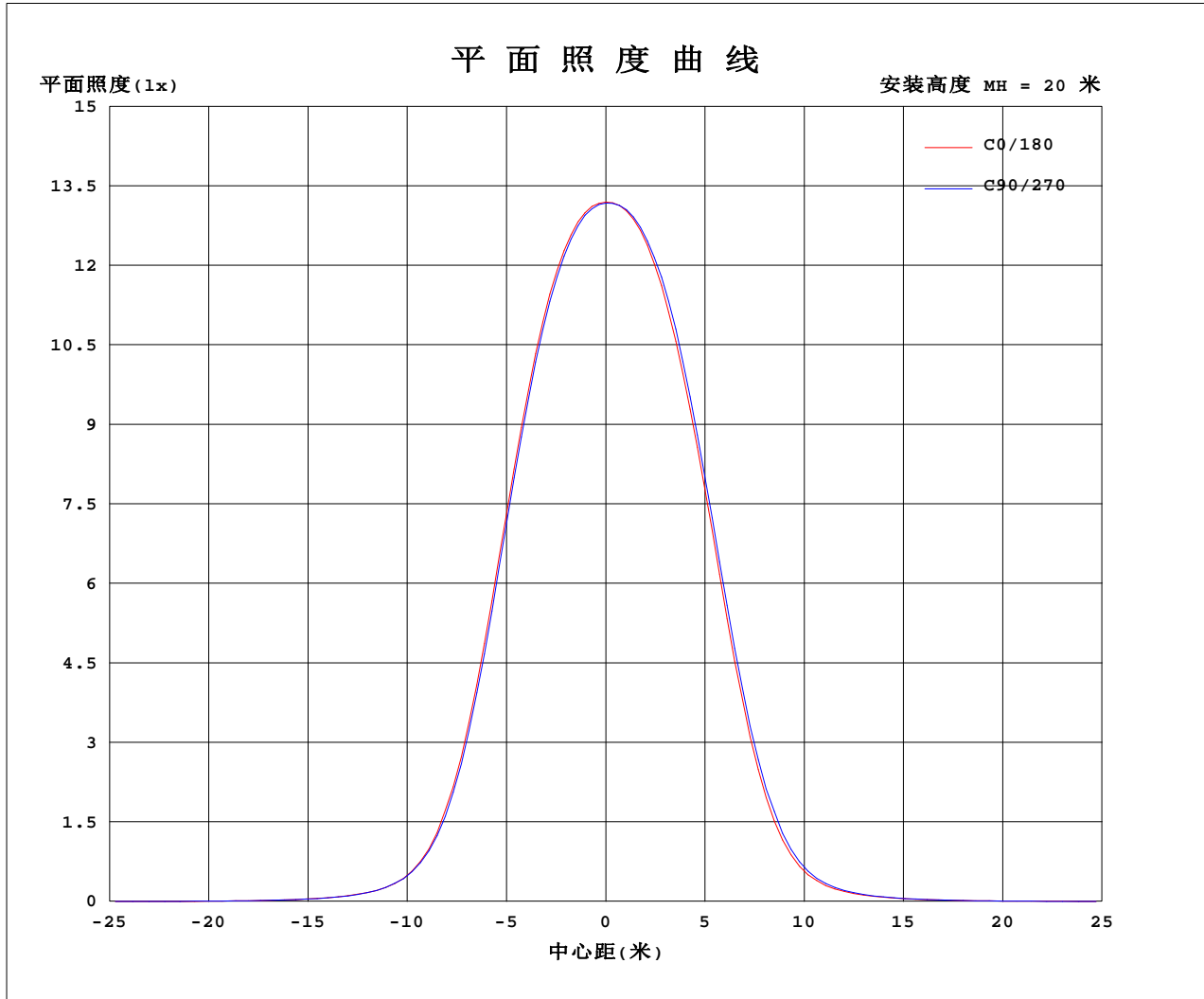
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 93 |
| L横(75)av | 71 |
| L横(85)av | 111 |
| L纵(65)av | 72 |
| L纵(75)av | 55 |
| L纵(85)av | 87 |
| L45(65)av | 82 |
| L45(75)av | 52 |
| L45(85)av | 47 |

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: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 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: 2023-10-10

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-1083A 24R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up



光强分布数据表格

| | | |
|---|---------------------|------------------|
| 实测参数: U:120.06V I:0.1649A P:19.694W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.133-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310061210 |
| 制造厂商: RISE | 发光口面: 0.006217985m2 | 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 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | 5274 | | | | | | |
| 5 | 5086 | 5062 | 5037 | 5058 | 5095 | 5123 | 5121 | 5116 | 5139 | 5148 | 5144 | 5117 | | | | | | |
| 10 | 4326 | 4282 | 4202 | 4265 | 4373 | 4438 | 4424 | 4455 | 4494 | 4524 | 4514 | 4432 | | | | | | |
| 15 | 2891 | 2835 | 2740 | 2810 | 2958 | 3073 | 3105 | 3159 | 3219 | 3214 | 3169 | 3030 | | | | | | |
| 20 | 1315 | 1291 | 1205 | 1253 | 1345 | 1441 | 1498 | 1573 | 1640 | 1595 | 1550 | 1410 | | | | | | |
| 25 | 406 | 408 | 384 | 394 | 421 | 450 | 476 | 526 | 569 | 530 | 500 | 435 | | | | | | |
| 30 | 130 | 133 | 127 | 129 | 133 | 142 | 146 | 166 | 180 | 163 | 151 | 134 | | | | | | |
| 35 | 52.3 | 52.5 | 51.0 | 51.4 | 52.8 | 57.0 | 59.1 | 64.8 | 68.5 | 63.5 | 58.3 | 53.0 | | | | | | |
| 40 | 21.3 | 21.7 | 21.4 | 21.6 | 21.6 | 24.1 | 26.7 | 26.7 | 27.5 | 26.6 | 24.1 | 21.9 | | | | | | |
| 45 | 7.97 | 8.64 | 8.98 | 8.80 | 8.68 | 9.79 | 12.9 | 11.0 | 11.1 | 11.0 | 9.77 | 8.92 | | | | | | |
| 50 | 3.72 | 4.10 | 4.05 | 4.10 | 3.73 | 4.60 | 8.15 | 5.03 | 4.51 | 4.58 | 4.42 | 4.16 | | | | | | |
| 55 | 1.44 | 1.30 | 1.22 | 1.14 | 1.31 | 1.69 | 5.25 | 1.82 | 1.53 | 1.40 | 1.43 | 1.48 | | | | | | |
| 60 | 0.65 | 0.63 | 0.50 | 0.46 | 0.50 | 0.65 | 0.68 | 0.68 | 0.62 | 0.62 | 0.63 | 0.65 | | | | | | |
| 65 | 0.26 | 0.23 | 0.20 | 0.18 | 0.20 | 0.23 | 0.23 | 0.23 | 0.21 | 0.20 | 0.20 | 0.24 | | | | | | |
| 70 | 0.15 | 0.13 | 0.11 | 0.11 | 0.10 | 0.13 | 0.14 | 0.13 | 0.11 | 0.11 | 0.11 | 0.13 | | | | | | |
| 75 | 0.12 | 0.10 | 0.08 | 0.09 | 0.08 | 0.09 | 0.11 | 0.09 | 0.08 | 0.09 | 0.08 | 0.09 | | | | | | |
| 80 | 0.10 | 0.06 | 0.05 | 0.06 | 0.05 | 0.06 | 0.08 | 0.06 | 0.06 | 0.07 | 0.05 | 0.06 | | | | | | |
| 85 | 0.06 | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.06 | 0.03 | 0.03 | 0.05 | 0.02 | 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: 2023-10-10

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-1083A 24R

DRIVER: PUP20A-1WMC 500mA

30minutes warm-up