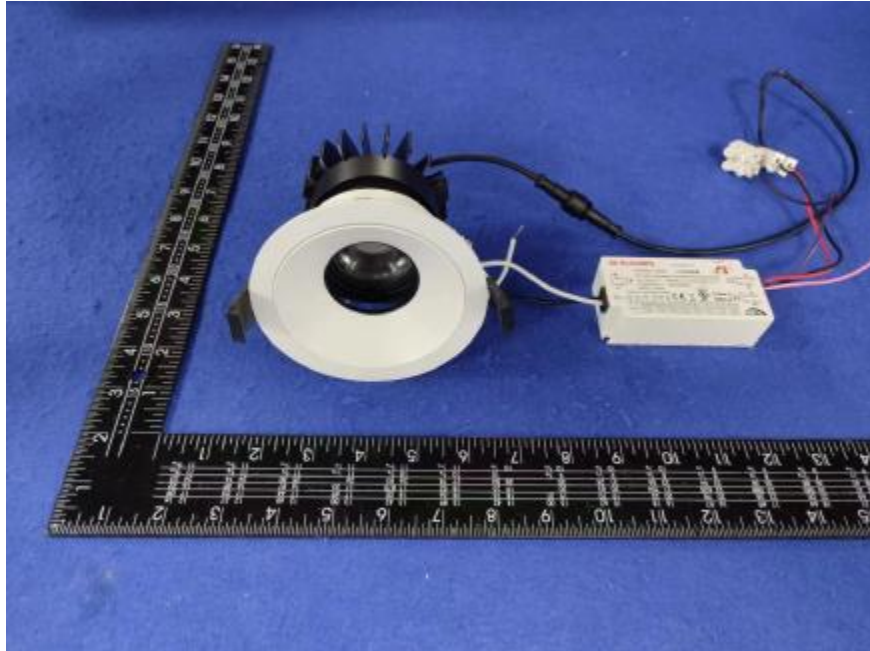


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 81.5% | |
| Luminaire Power: | 19.77 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: 2023-10-13

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

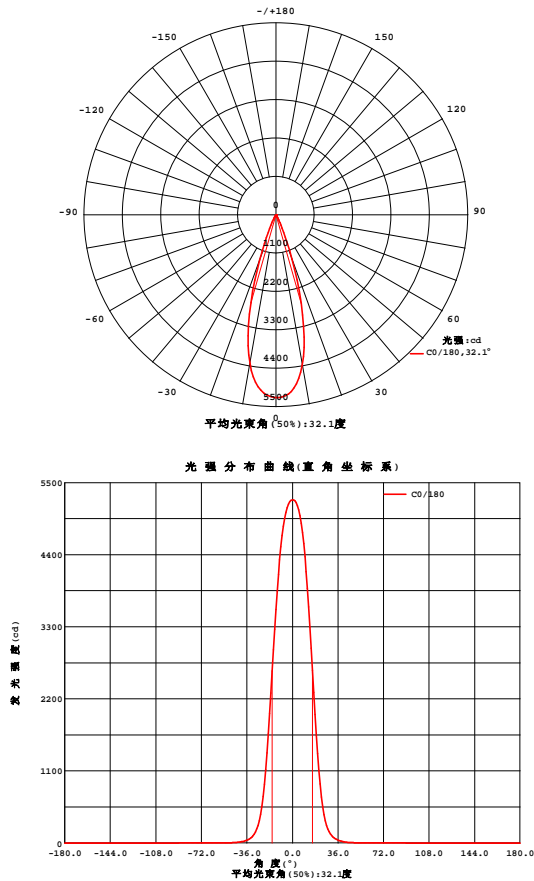


Fig. C0/C180

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: 2023-10-13

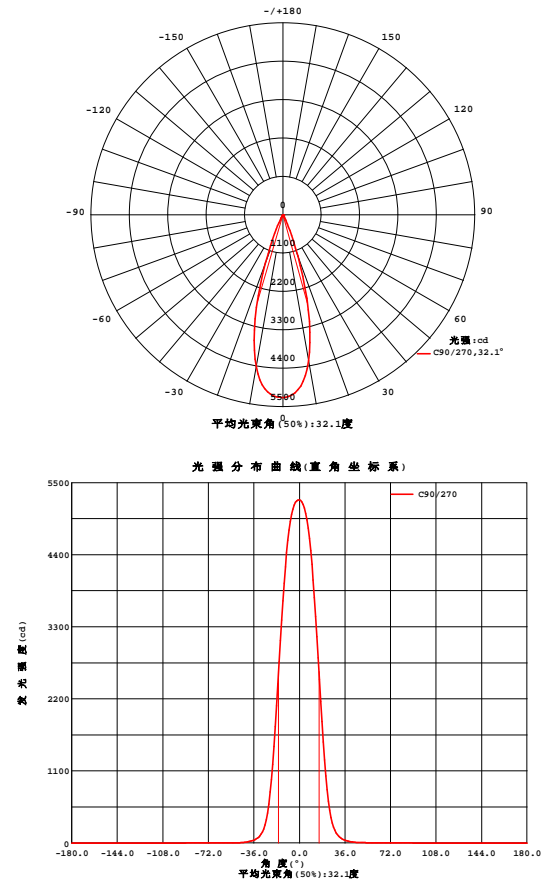


Fig. C90/C270

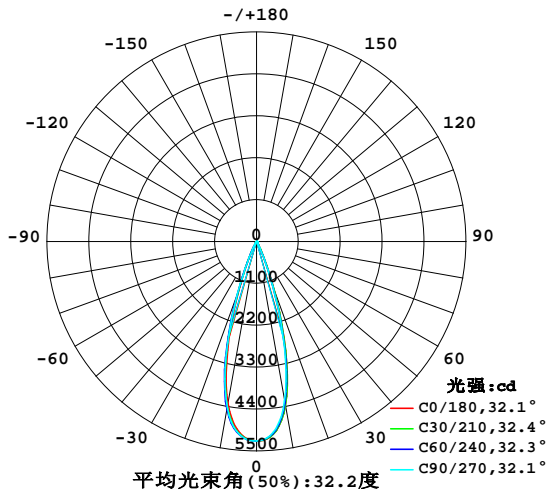
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

室内灯具光度数据

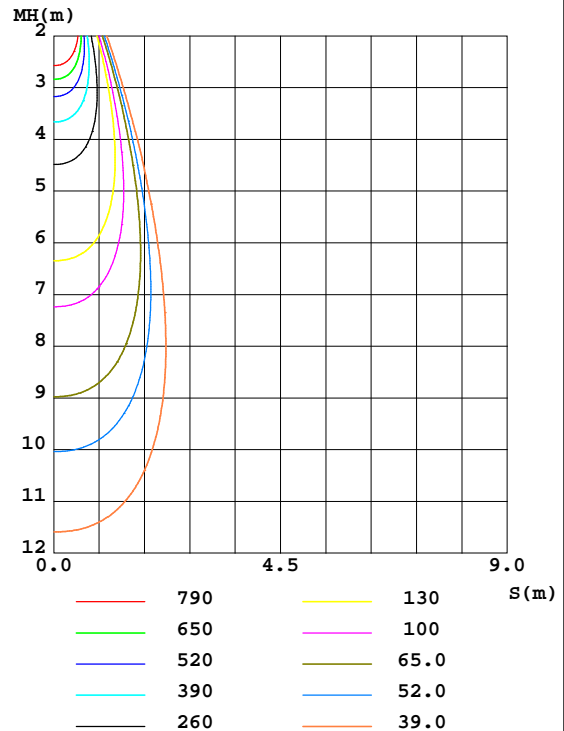
| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 77.29 lm/W |
|-----------|-----------|----------|--------|-----------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 5236 | S/MH(C0/180) | 0.50 | |
| 标称功率(W) | 20 | 灯具效率(%) | 81.5 | S/MH(C90/270) | 0.51 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1528.4 | UP,DN(C0-180) | 0.0,39.9 | |
| 额定光通量(lm) | 1874.5 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,41.6 | |
| 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(%) | 81.5 | 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: 2023-10-13

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 | 4370 | 4342 | 4253 | 4259 | 4321 | 4455 | 4429 | 4382 | 0- 10 | 461.3 | 461.3 | 30.2, 24.6 |
| 20 | 1363 | 1307 | 1266 | 1329 | 1377 | 1483 | 1474 | 1427 | 10- 20 | 784.2 | 1246 | 81.5, 66.4 |
| 30 | 139.5 | 132.0 | 127.9 | 143.1 | 135.0 | 136.3 | 137.0 | 144.1 | 20- 30 | 237.1 | 1483 | 97, 79.1 |
| 40 | 21.72 | 21.21 | 22.75 | 21.19 | 20.41 | 19.94 | 20.36 | 21.65 | 30- 40 | 37.38 | 1520 | 99.4, 81.1 |
| 50 | 3.553 | 3.082 | 6.305 | 3.010 | 3.157 | 3.186 | 2.807 | 3.402 | 40- 50 | 6.956 | 1527 | 99.9, 81.5 |
| 60 | 0.4473 | 0.3206 | 0.2456 | 0.2600 | 0.3898 | 0.3639 | 0.3137 | 0.3281 | 50- 60 | 1.167 | 1528 | 100, 81.5 |
| 70 | 0.1510 | 0.1018 | 0.0902 | 0.0957 | 0.1324 | 0.1099 | 0.0898 | 0.1064 | 60- 70 | 0.2194 | 1528 | 100, 81.5 |
| 80 | 0.0748 | 0.0487 | 0.0468 | 0.0439 | 0.0788 | 0.0441 | 0.0469 | 0.0403 | 70- 80 | 0.0745 | 1528 | 100, 81.5 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0380 | 1528 | 100, 81.5 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1528 | 100, 81.5 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1528 | 100, 81.5 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1528 | 100, 81.5 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1528 | 100, 81.5 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1528 | 100, 81.5 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1528 | 100, 81.5 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1528 | 100, 81.5 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1528 | 100, 81.5 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1528 | 100, 81.5 |
| 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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz
实检光通: 1874.5x1 lm

灯具名称: 2318.137-LEA-15

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

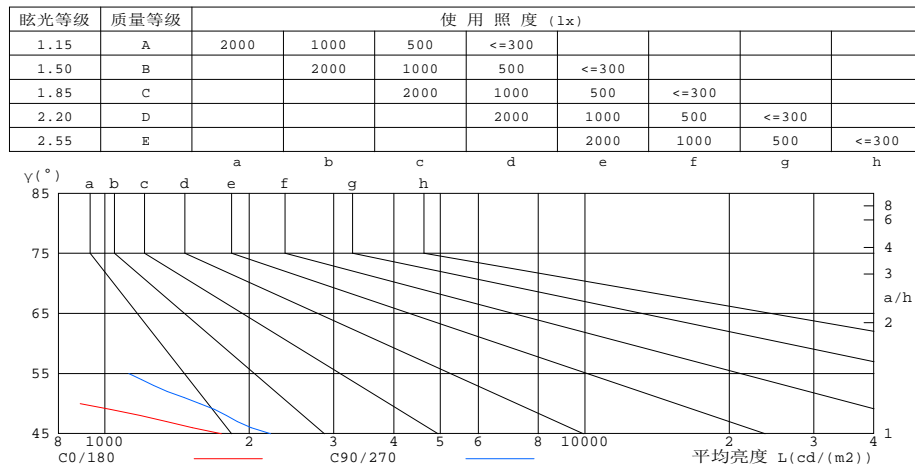
测试编号: 2310131226

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 | 80 |
| 80 | 69 | 43 |
| 75 | 53 | 41 |
| 70 | 71 | 42 |
| 65 | 119 | 67 |
| 60 | 144 | 79 |
| 55 | 308 | 1123 |
| 50 | 889 | 1578 |
| 45 | 1750 | 2215 |

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: 2023-10-13

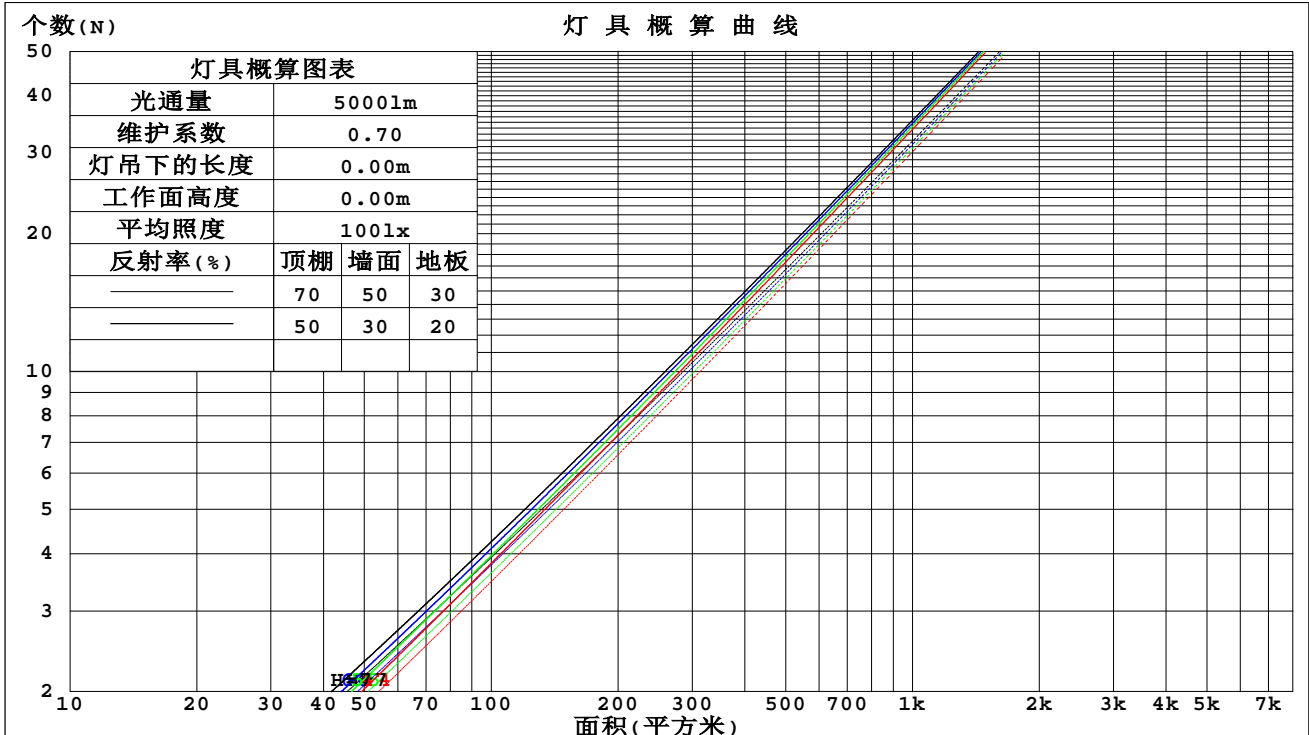
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083A 24R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz
实检光通: 1874.5x1 lm

| | | |
|-----------------------|---------------------|------------------|
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m2 | 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 | .97 | .97 | .97 | .95 | .95 | .95 | .91 | .91 | .91 | .87 | .87 | .87 | .83 | .83 | .83 | .82 |
| 1.0 | .92 | .90 | .89 | .90 | .89 | .88 | .87 | .86 | .85 | .84 | .83 | .82 | .81 | .81 | .80 | .79 |
| 2.0 | .88 | .85 | .83 | .86 | .84 | .82 | .84 | .82 | .81 | .82 | .80 | .79 | .79 | .78 | .77 | .76 |
| 3.0 | .84 | .81 | .79 | .83 | .80 | .78 | .81 | .79 | .77 | .79 | .77 | .76 | .77 | .76 | .75 | .74 |
| 4.0 | .81 | .77 | .75 | .80 | .77 | .75 | .78 | .76 | .74 | .77 | .75 | .73 | .75 | .74 | .72 | .71 |
| 5.0 | .78 | .74 | .72 | .77 | .74 | .71 | .76 | .73 | .71 | .74 | .72 | .70 | .73 | .71 | .70 | .69 |
| 6.0 | .75 | .71 | .69 | .74 | .71 | .69 | .73 | .70 | .68 | .72 | .70 | .68 | .71 | .69 | .68 | .67 |
| 7.0 | .72 | .69 | .67 | .72 | .69 | .66 | .71 | .68 | .66 | .70 | .68 | .66 | .69 | .67 | .65 | .65 |
| 8.0 | .70 | .67 | .64 | .70 | .66 | .64 | .69 | .66 | .64 | .68 | .66 | .64 | .68 | .65 | .64 | .63 |
| 9.0 | .68 | .65 | .62 | .68 | .64 | .62 | .67 | .64 | .62 | .66 | .64 | .62 | .66 | .63 | .62 | .61 |
| 10.0 | .66 | .63 | .60 | .66 | .63 | .60 | .65 | .62 | .60 | .65 | .62 | .60 | .64 | .62 | .60 | .59 |



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: 2023-10-13

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

墙面和天花板利用系数

| | | |
|---|---------------------|------------------|
| 实测参数: U:120.06V I:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m2 | 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 | .112 | .064 | .020 | .106 | .061 | .019 | .096 | .055 | .018 | .087 | .050 | .016 | .079 | .046 | .015 | |
| 2.0 | .104 | .057 | .017 | .099 | .055 | .017 | .091 | .051 | .016 | .083 | .047 | .015 | .076 | .043 | .014 | |
| 3.0 | .097 | .051 | .015 | .093 | .050 | .015 | .086 | .047 | .014 | .080 | .044 | .013 | .074 | .041 | .013 | |
| 4.0 | .091 | .047 | .014 | .088 | .046 | .014 | .082 | .043 | .013 | .076 | .041 | .012 | .071 | .039 | .012 | |
| 5.0 | .086 | .044 | .013 | .083 | .043 | .012 | .078 | .041 | .012 | .073 | .039 | .012 | .069 | .037 | .011 | |
| 6.0 | .081 | .041 | .012 | .079 | .040 | .011 | .075 | .038 | .011 | .071 | .037 | .011 | .067 | .035 | .010 | |
| 7.0 | .077 | .038 | .011 | .075 | .038 | .011 | .072 | .036 | .010 | .068 | .035 | .010 | .065 | .034 | .010 | |
| 8.0 | .074 | .036 | .010 | .072 | .035 | .010 | .069 | .034 | .010 | .066 | .033 | .010 | .063 | .032 | .009 | |
| 9.0 | .071 | .034 | .010 | .069 | .034 | .009 | .066 | .033 | .009 | .064 | .032 | .009 | .061 | .031 | .009 | |
| 10.0 | .068 | .033 | .009 | .067 | .032 | .009 | .064 | .031 | .009 | .061 | .031 | .009 | .059 | .030 | .009 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 顶棚 | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| 墙面 | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| 地板 | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| 室空间比 | 天花板利用系数 | | | | | | | | | | | | | | | |
| 0.0 | .155 | .155 | .155 | .133 | .133 | .133 | .091 | .091 | .091 | .052 | .052 | .052 | .017 | .017 | .017 | |
| 1.0 | .137 | .129 | .121 | .117 | .110 | .104 | .080 | .076 | .072 | .046 | .044 | .042 | .015 | .014 | .014 | |
| 2.0 | .123 | .108 | .096 | .105 | .093 | .083 | .072 | .064 | .058 | .041 | .037 | .034 | .013 | .012 | .011 | |
| 3.0 | .110 | .092 | .078 | .095 | .080 | .068 | .065 | .055 | .047 | .038 | .032 | .028 | .012 | .010 | .009 | |
| 4.0 | .100 | .080 | .064 | .086 | .069 | .056 | .059 | .048 | .039 | .034 | .028 | .023 | .011 | .009 | .008 | |
| 5.0 | .092 | .070 | .054 | .079 | .060 | .047 | .054 | .042 | .033 | .031 | .025 | .020 | .010 | .008 | .006 | |
| 6.0 | .084 | .062 | .045 | .073 | .053 | .039 | .050 | .037 | .028 | .029 | .022 | .017 | .009 | .007 | .005 | |
| 7.0 | .078 | .055 | .039 | .067 | .048 | .034 | .047 | .033 | .024 | .027 | .020 | .014 | .009 | .006 | .005 | |
| 8.0 | .073 | .050 | .033 | .063 | .043 | .029 | .044 | .030 | .021 | .025 | .018 | .012 | .008 | .006 | .004 | |
| 9.0 | .069 | .045 | .029 | .059 | .039 | .025 | .041 | .027 | .018 | .024 | .016 | .011 | .008 | .005 | .004 | |
| 10.0 | .065 | .041 | .025 | .056 | .036 | .022 | .039 | .025 | .016 | .023 | .015 | .009 | .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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | | | | | | | | | | | |
| 灯具名称: 2318.137-LEA-15 | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2310131226 | | | | |
| 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 | 2.2 | 2.9 | 2.4 | 3.0 | 3.2 | 2.0 | 2.7 | 2.2 | 2.8 | 3.0 | |
| | 3H | 2.1 | 2.7 | 2.3 | 2.9 | 3.1 | 1.9 | 2.5 | 2.1 | 2.7 | 2.9 | |
| | 4H | 2.0 | 2.6 | 2.2 | 2.8 | 3.0 | 1.8 | 2.4 | 2.1 | 2.6 | 2.8 | |
| | 6H | 1.9 | 2.5 | 2.2 | 2.7 | 2.9 | 1.7 | 2.3 | 2.0 | 2.5 | 2.7 | |
| | 8H | 1.9 | 2.4 | 2.2 | 2.6 | 2.9 | 1.7 | 2.2 | 2.0 | 2.5 | 2.7 | |
| | 12H | 1.8 | 2.3 | 2.1 | 2.6 | 2.9 | 1.6 | 2.1 | 1.9 | 2.4 | 2.7 | |
| | 4H | 2H | 2.0 | 2.6 | 2.2 | 2.8 | 3.0 | 1.8 | 2.4 | 2.1 | 2.6 | 2.8 |
| | 3H | 1.8 | 2.3 | 2.1 | 2.6 | 2.9 | 1.6 | 2.1 | 1.9 | 2.4 | 2.7 | |
| | 4H | 1.7 | 2.2 | 2.1 | 2.5 | 2.8 | 1.5 | 2.0 | 1.9 | 2.3 | 2.6 | |
| | 6H | 1.6 | 2.0 | 2.0 | 2.4 | 2.7 | 1.4 | 1.9 | 1.8 | 2.2 | 2.5 | |
| | 8H | 1.6 | 2.0 | 2.0 | 2.3 | 2.7 | 1.4 | 1.8 | 1.8 | 2.1 | 2.5 | |
| | 12H | 1.5 | 1.9 | 1.9 | 2.2 | 2.6 | 1.3 | 1.7 | 1.7 | 2.1 | 2.4 | |
| 8H | 4H | 1.6 | 2.0 | 2.0 | 2.3 | 2.7 | 1.4 | 1.8 | 1.8 | 2.1 | 2.5 | |
| | 6H | 1.5 | 1.8 | 1.9 | 2.2 | 2.6 | 1.3 | 1.6 | 1.7 | 2.0 | 2.4 | |
| | 8H | 1.4 | 1.7 | 1.8 | 2.1 | 2.5 | 1.2 | 1.5 | 1.7 | 1.9 | 2.4 | |
| | 12H | 1.3 | 1.6 | 1.8 | 2.0 | 2.5 | 1.2 | 1.4 | 1.6 | 1.8 | 2.3 | |
| 12H | 4H | 1.5 | 1.9 | 1.9 | 2.2 | 2.6 | 1.3 | 1.7 | 1.7 | 2.1 | 2.4 | |
| | 6H | 1.4 | 1.7 | 1.8 | 2.1 | 2.5 | 1.2 | 1.5 | 1.7 | 1.9 | 2.4 | |
| | 8H | 1.3 | 1.6 | 1.8 | 2.0 | 2.5 | 1.2 | 1.4 | 1.6 | 1.8 | 2.3 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 3.9 / -15.8 | | | | | + 3.8 / -18.4 | | | | | |
| 1.5H | | + 6.2 / -13.0 | | | | | + 5.9 / -16.0 | | | | | |
| 2.0H | | + 6.7 / - 9.2 | | | | | + 6.8 / -12.9 | | | | | |

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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

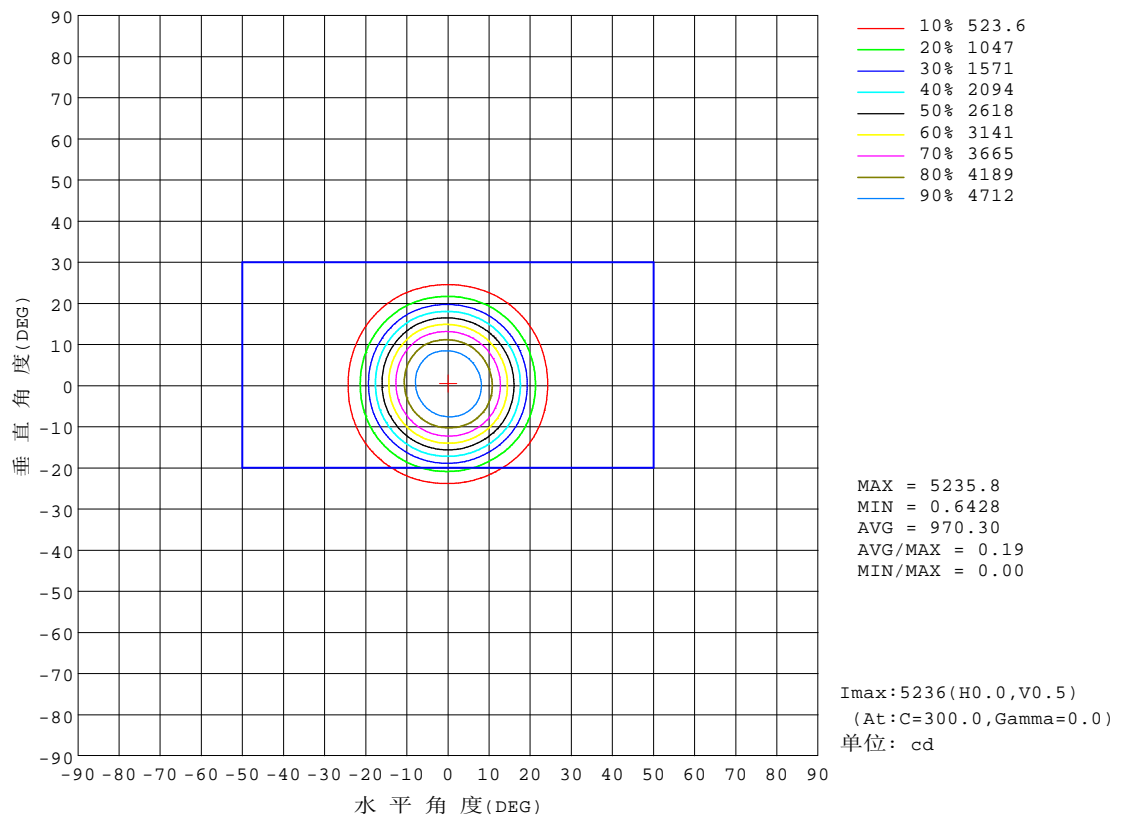
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 74 | 70 | 67 | 74 | 70 | 67 | 73 | 69 | 67 | 64 |
| 0.80 | 80 | 76 | 73 | 80 | 76 | 73 | 79 | 75 | 73 | 70 |
| 1.00 | 83 | 79 | 76 | 82 | 79 | 76 | 81 | 78 | 76 | 73 |
| 1.25 | 86 | 82 | 80 | 85 | 82 | 79 | 84 | 81 | 79 | 76 |
| 1.50 | 88 | 84 | 82 | 87 | 84 | 82 | 85 | 83 | 81 | 77 |
| 2.00 | 90 | 87 | 84 | 88 | 86 | 84 | 86 | 84 | 82 | 78 |
| 2.50 | 91 | 88 | 86 | 90 | 87 | 85 | 87 | 85 | 84 | 79 |
| 3.00 | 92 | 89 | 87 | 90 | 88 | 87 | 88 | 86 | 85 | 80 |
| 4.00 | 93 | 91 | 90 | 92 | 90 | 89 | 89 | 88 | 86 | 81 |
| 5.00 | 94 | 93 | 91 | 93 | 91 | 90 | 89 | 89 | 88 | 82 |
| 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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

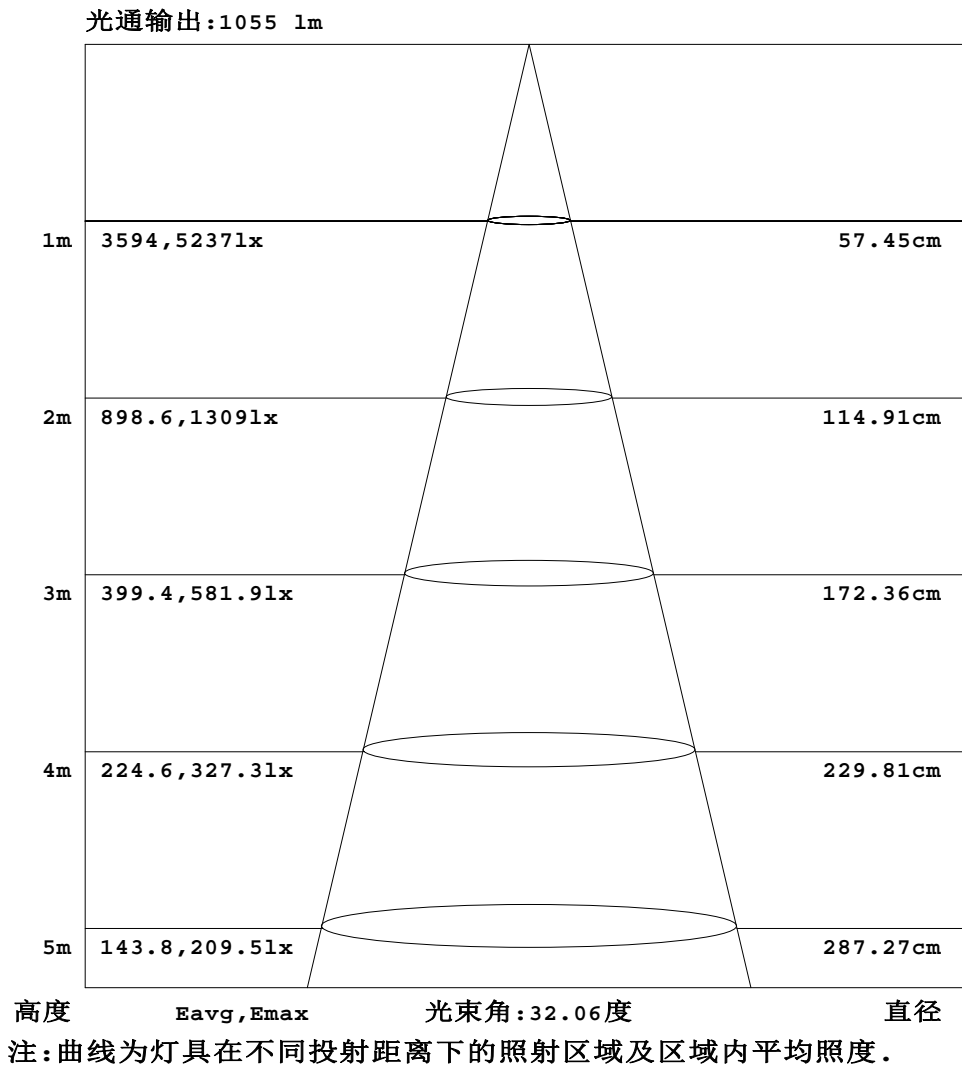


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

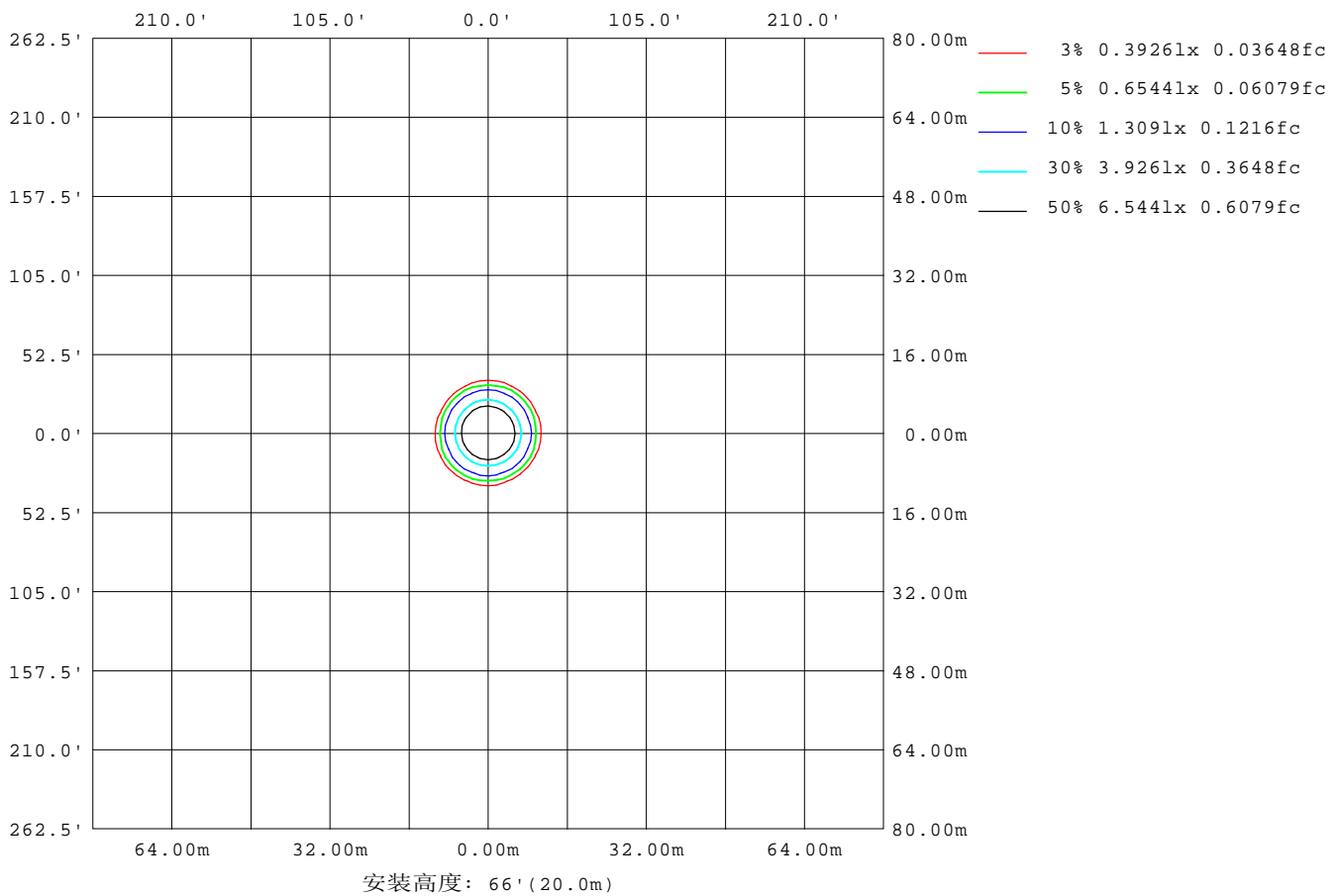


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m ² | 遮光角: |

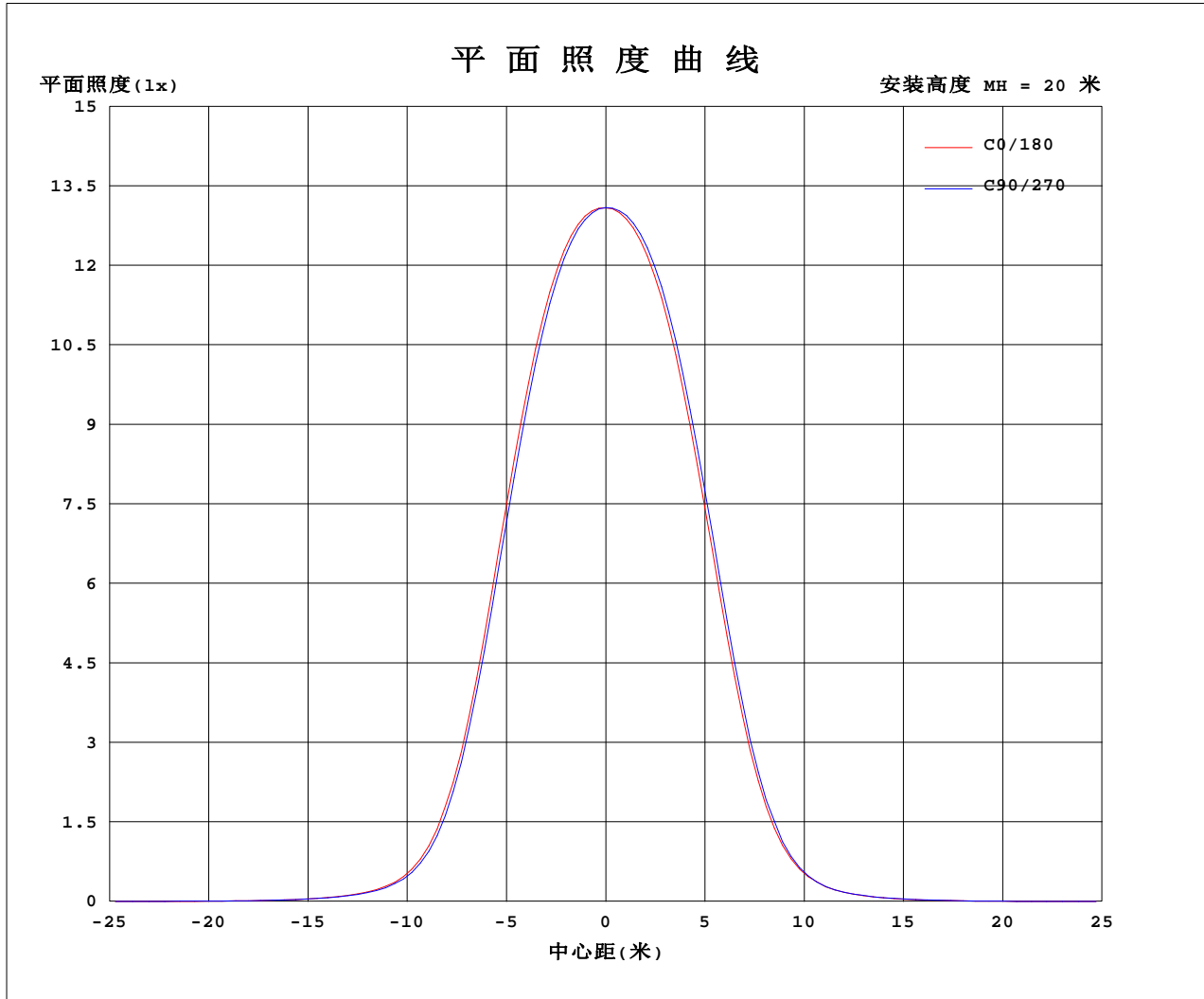
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 110 |
| L横(75)av | 53 |
| L横(85)av | 120 |
| L纵(65)av | 72 |
| L纵(75)av | 41 |
| L纵(85)av | 76 |
| L45(65)av | 80 |
| L45(75)av | 37 |
| L45(85)av | 44 |

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: 2023-10-13

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

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: 2023-10-13

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:0.1656A P:19.774W PF:0.9934 Freq:59.98Hz 实检光通: 1874.5x1 lm | | |
| 灯具名称: 2318.137-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310131226 |
| 制造厂商: RISE | 发光口面: 0.006217985m2 | 遮光角: |

| | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--|--|--|--|--|
| 表--1 | | | | | | | | | | | | | 单位: cd | | | | | |
| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
| 0 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | 5236 | | | | | | |
| 5 | 5082 | 5078 | 5059 | 5031 | 5013 | 5019 | 5045 | 5077 | 5102 | 5094 | 5079 | 5074 | | | | | | |
| 10 | 4370 | 4373 | 4312 | 4253 | 4252 | 4267 | 4321 | 4421 | 4488 | 4429 | 4405 | 4359 | | | | | | |
| 15 | 2974 | 2957 | 2869 | 2828 | 2853 | 2885 | 2950 | 3069 | 3162 | 3090 | 3044 | 2994 | | | | | | |
| 20 | 1363 | 1352 | 1262 | 1266 | 1306 | 1351 | 1377 | 1448 | 1518 | 1474 | 1458 | 1396 | | | | | | |
| 25 | 433 | 426 | 388 | 390 | 419 | 448 | 435 | 449 | 472 | 459 | 469 | 452 | | | | | | |
| 30 | 140 | 136 | 127 | 128 | 139 | 148 | 135 | 133 | 140 | 137 | 145 | 143 | | | | | | |
| 35 | 54.7 | 53.6 | 51.6 | 52.2 | 54.0 | 55.6 | 51.0 | 49.9 | 52.2 | 52.9 | 55.0 | 55.3 | | | | | | |
| 40 | 21.7 | 21.3 | 21.1 | 22.8 | 21.1 | 21.3 | 20.4 | 19.3 | 20.5 | 20.4 | 21.4 | 21.9 | | | | | | |
| 45 | 7.70 | 7.26 | 7.41 | 9.74 | 7.33 | 6.92 | 6.85 | 6.61 | 6.75 | 6.48 | 7.43 | 7.72 | | | | | | |
| 50 | 3.55 | 3.01 | 3.15 | 6.30 | 3.15 | 2.87 | 3.16 | 3.14 | 3.23 | 2.81 | 3.34 | 3.47 | | | | | | |
| 55 | 1.10 | 1.01 | 0.65 | 4.00 | 0.61 | 0.82 | 1.03 | 1.04 | 1.00 | 0.71 | 0.74 | 0.92 | | | | | | |
| 60 | 0.45 | 0.38 | 0.26 | 0.25 | 0.25 | 0.27 | 0.39 | 0.41 | 0.32 | 0.31 | 0.31 | 0.35 | | | | | | |
| 65 | 0.31 | 0.25 | 0.15 | 0.18 | 0.17 | 0.18 | 0.27 | 0.27 | 0.21 | 0.20 | 0.22 | 0.25 | | | | | | |
| 70 | 0.15 | 0.11 | 0.09 | 0.09 | 0.09 | 0.10 | 0.13 | 0.13 | 0.09 | 0.09 | 0.09 | 0.12 | | | | | | |
| 75 | 0.09 | 0.07 | 0.06 | 0.07 | 0.06 | 0.06 | 0.09 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | | | | | | |
| 80 | 0.07 | 0.05 | 0.05 | 0.05 | 0.04 | 0.05 | 0.08 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | | | | | | |
| 85 | 0.06 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.07 | 0.03 | 0.02 | 0.04 | 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: 2023-10-13

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