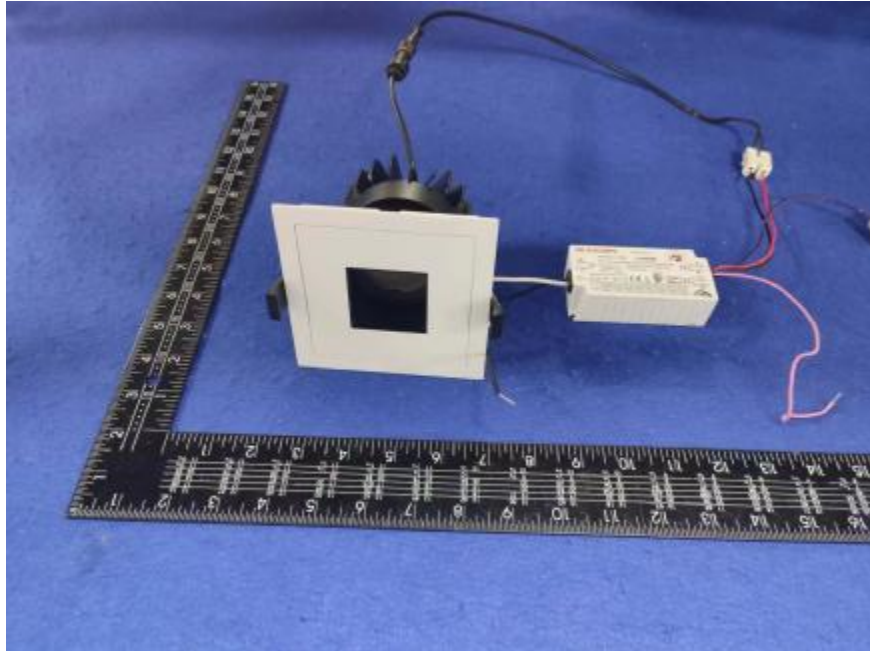


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 61.4% | |
| Luminaire Power: | 17.71 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.60 | 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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096B 36R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具配光曲线及特征面照片

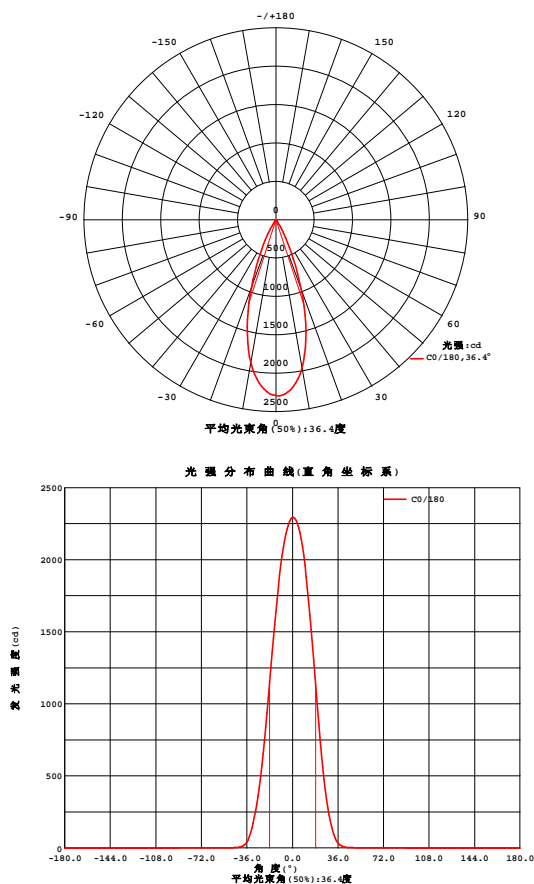


Fig. C0/C180

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: 2023-10-27

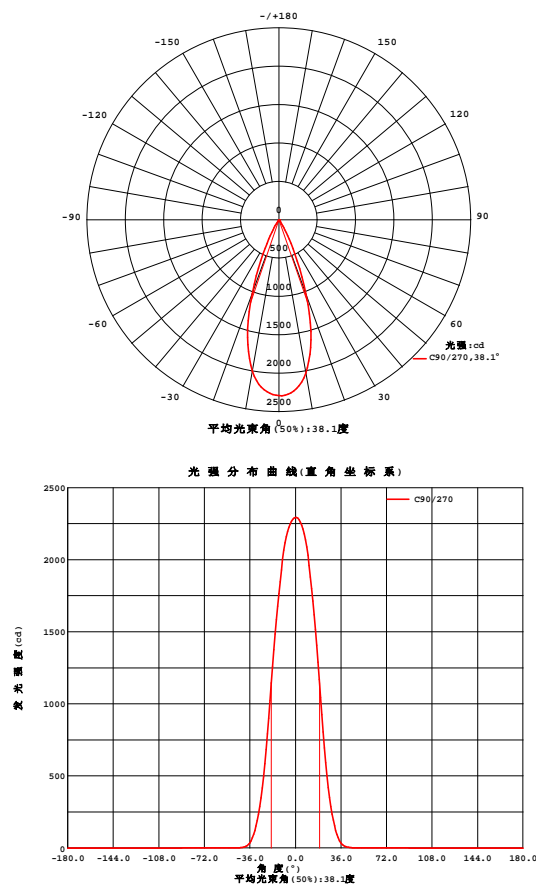


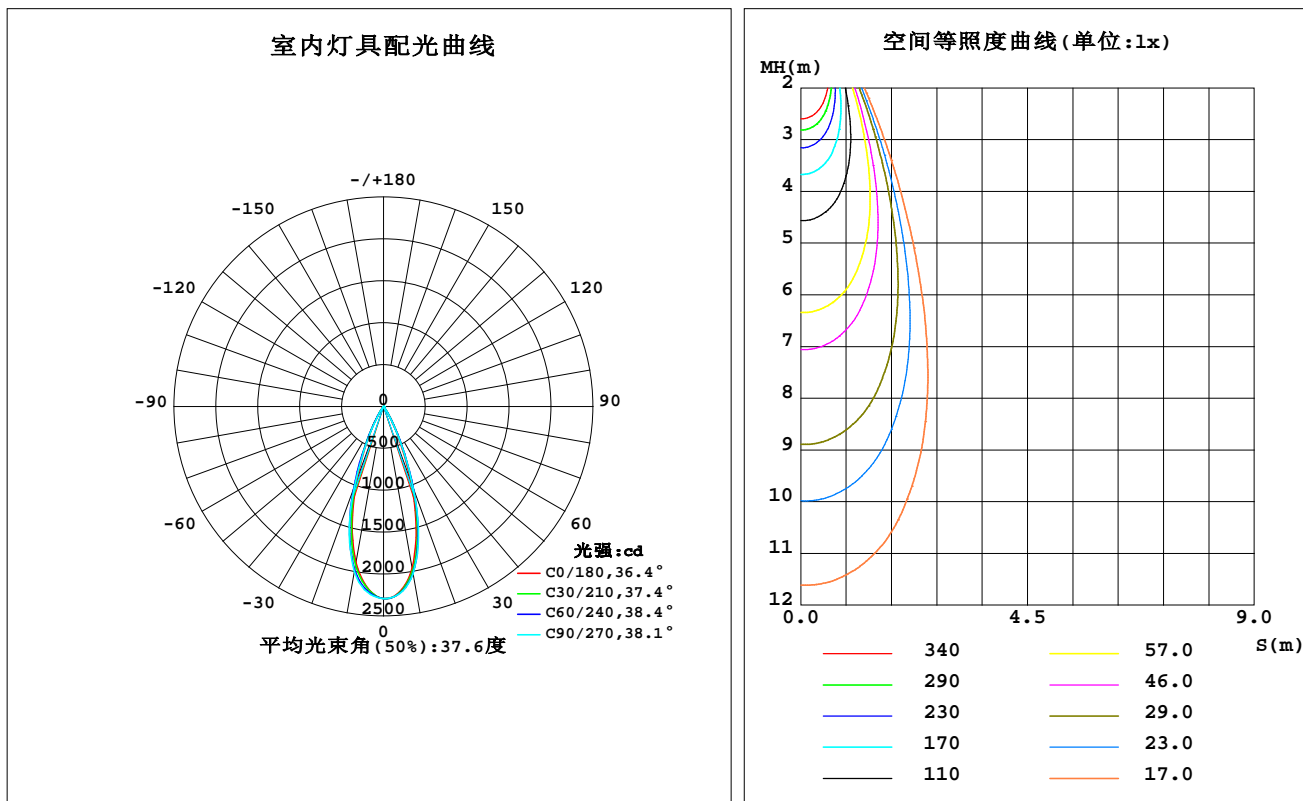
Fig. C90/C270

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: BXRV-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

室内灯具光度数据

| | | |
|---|------------------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 51.75 lm/W |
|-----------|-----------|----------|--------|-------------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 2293 | S/MH(C0/180) | 0.58 | |
| 标称功率(W) | 17 | 灯具效率(%) | 61.4 | S/MH(C90/270) | 0.59 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 916.64 | η UP,DN(C0-180) | 0.0,30.9 | |
| 额定光通量(lm) | 1493.6 | CIE分类 | 直接 | η UP,DN(C180-360) | 0.0,30.5 | |
| 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(%) | 61.4 | CIBSE SHR MAX | 0.60 | |



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: 2023-10-27

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: BXR-V-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
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 | 1963 | 2008 | 2030 | 1975 | 1892 | 1955 | 2002 | 1989 | 0- 10 | 204.0 | 204.0 | 22.3, 13.7 |
| 20 | 964.2 | 1043 | 1045 | 1038 | 937.7 | 1025 | 1022 | 1028 | 10- 20 | 420.1 | 624.1 | 68.1, 41.8 |
| 30 | 184.4 | 205.9 | 194.2 | 215.5 | 211.0 | 218.2 | 189.5 | 195.6 | 20- 30 | 242.9 | 867.1 | 94.6, 58.1 |
| 40 | 9.890 | 12.97 | 9.257 | 12.87 | 9.628 | 12.10 | 8.361 | 10.91 | 30- 40 | 44.81 | 911.9 | 99.5, 61.1 |
| 50 | 1.980 | 1.632 | 1.380 | 1.529 | 1.788 | 1.083 | 0.8236 | 1.107 | 40- 50 | 2.971 | 914.9 | 99.8, 61.3 |
| 60 | 1.132 | 0.8631 | 0.9014 | 0.8320 | 1.098 | 0.5657 | 0.5595 | 0.5712 | 50- 60 | 0.9252 | 915.8 | 99.9, 61.3 |
| 70 | 0.4419 | 0.3877 | 0.4392 | 0.3876 | 0.4555 | 0.2190 | 0.2175 | 0.2174 | 60- 70 | 0.5321 | 916.3 | 100, 61.4 |
| 80 | 0.1683 | 0.1399 | 0.1839 | 0.1373 | 0.1701 | 0.0918 | 0.1328 | 0.0928 | 70- 80 | 0.2292 | 916.6 | 100, 61.4 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0770 | 916.6 | 100, 61.4 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 916.6 | 100, 61.4 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 916.6 | 100, 61.4 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 916.6 | 100, 61.4 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 916.6 | 100, 61.4 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 916.6 | 100, 61.4 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 916.6 | 100, 61.4 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 916.6 | 100, 61.4 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 916.6 | 100, 61.4 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 916.6 | 100, 61.4 |
| 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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096B 36R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz
实检光通: 1493.6x1 lm

灯具名称: 2318.154-LEA-15-DW

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

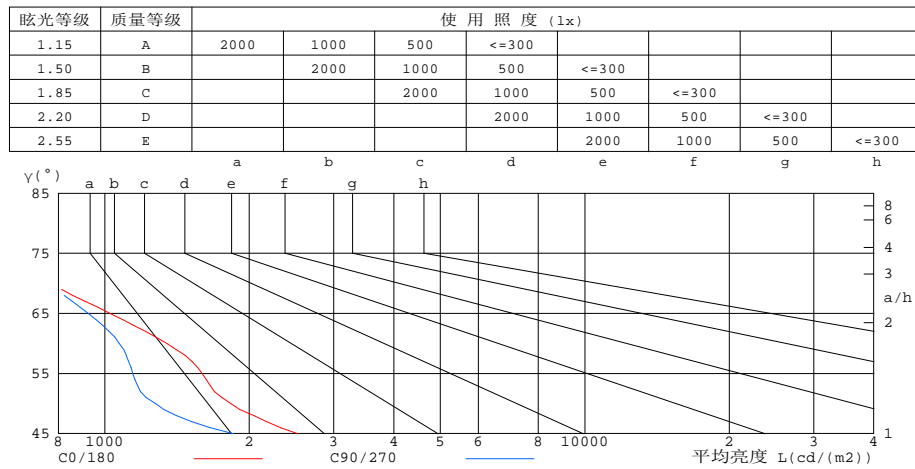
测试编号: 2310271281

制造厂商: RISE

发光口面: 0.001681m²

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 | 729 | 761 |
| 80 | 577 | 630 |
| 75 | 617 | 664 |
| 70 | 769 | 764 |
| 65 | 1024 | 923 |
| 60 | 1347 | 1073 |
| 55 | 1595 | 1143 |
| 50 | 1832 | 1277 |
| 45 | 2523 | 1855 |

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: 2023-10-27

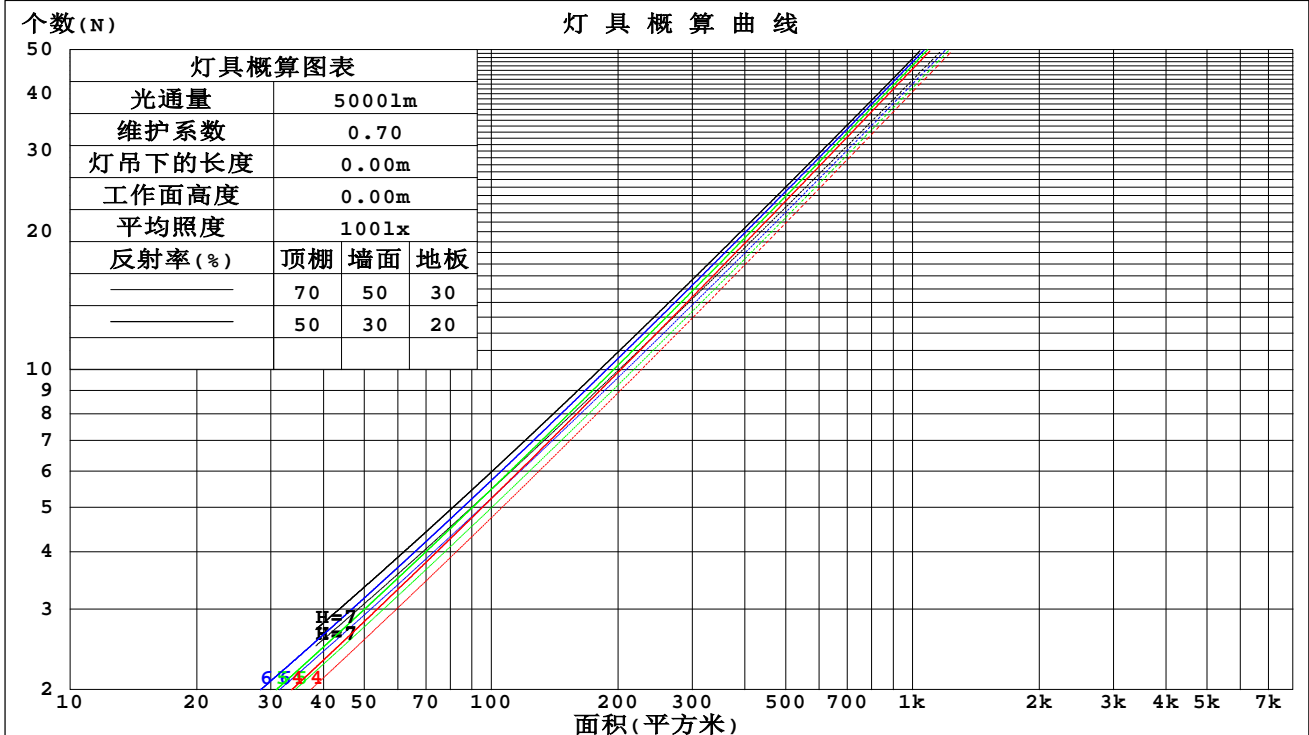
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRV-DR-1830G-1000-K-23 Ra:90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz
实检光通: 1493.6x1 lm

| | | |
|--------------------------|------------------------------|------------------|
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m 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 | .73 | .73 | .73 | .71 | .71 | .71 | .68 | .68 | .68 | .65 | .65 | .65 | .63 | .63 | .63 | .61 |
| 1.0 | .69 | .68 | .67 | .68 | .67 | .66 | .65 | .64 | .63 | .63 | .62 | .62 | .61 | .60 | .60 | .59 |
| 2.0 | .65 | .63 | .62 | .64 | .63 | .61 | .62 | .61 | .60 | .61 | .59 | .58 | .59 | .58 | .57 | .56 |
| 3.0 | .62 | .60 | .58 | .61 | .59 | .57 | .60 | .58 | .56 | .58 | .57 | .56 | .57 | .56 | .55 | .54 |
| 4.0 | .59 | .57 | .55 | .59 | .56 | .54 | .57 | .55 | .54 | .56 | .54 | .53 | .55 | .54 | .52 | .52 |
| 5.0 | .57 | .54 | .52 | .56 | .54 | .52 | .55 | .53 | .51 | .54 | .52 | .51 | .53 | .52 | .50 | .50 |
| 6.0 | .54 | .51 | .49 | .54 | .51 | .49 | .53 | .51 | .49 | .52 | .50 | .49 | .52 | .50 | .48 | .48 |
| 7.0 | .52 | .49 | .47 | .52 | .49 | .47 | .51 | .49 | .47 | .50 | .48 | .47 | .50 | .48 | .46 | .46 |
| 8.0 | .50 | .47 | .45 | .50 | .47 | .45 | .49 | .47 | .45 | .49 | .46 | .45 | .48 | .46 | .45 | .44 |
| 9.0 | .48 | .45 | .44 | .48 | .45 | .43 | .47 | .45 | .43 | .47 | .45 | .43 | .47 | .45 | .43 | .42 |
| 10.0 | .47 | .44 | .42 | .46 | .44 | .42 | .46 | .43 | .42 | .45 | .43 | .42 | .45 | .43 | .42 | .41 |



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: 2023-10-27

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: BXR-V-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|---|------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m2 | 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 | .091 | .051 | .016 | .086 | .049 | .016 | .079 | .045 | .014 | .072 | .041 | .013 | .065 | .038 | .012 | |
| 2.0 | .085 | .046 | .014 | .081 | .045 | .014 | .075 | .042 | .013 | .069 | .039 | .012 | .064 | .036 | .011 | |
| 3.0 | .080 | .042 | .013 | .077 | .041 | .012 | .071 | .039 | .012 | .066 | .036 | .011 | .062 | .034 | .011 | |
| 4.0 | .075 | .039 | .011 | .073 | .038 | .011 | .068 | .036 | .011 | .064 | .034 | .010 | .060 | .033 | .010 | |
| 5.0 | .071 | .036 | .011 | .069 | .035 | .010 | .065 | .034 | .010 | .062 | .033 | .010 | .058 | .031 | .009 | |
| 6.0 | .068 | .034 | .010 | .066 | .033 | .010 | .063 | .032 | .009 | .059 | .031 | .009 | .057 | .030 | .009 | |
| 7.0 | .065 | .032 | .009 | .063 | .031 | .009 | .060 | .030 | .009 | .057 | .029 | .009 | .055 | .029 | .008 | |
| 8.0 | .062 | .030 | .009 | .061 | .030 | .008 | .058 | .029 | .008 | .056 | .028 | .008 | .053 | .027 | .008 | |
| 9.0 | .059 | .029 | .008 | .058 | .028 | .008 | .056 | .028 | .008 | .054 | .027 | .008 | .052 | .026 | .008 | |
| 10.0 | .057 | .027 | .008 | .056 | .027 | .008 | .054 | .026 | .007 | .052 | .026 | .007 | .050 | .025 | .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 | .117 | .117 | .117 | .100 | .100 | .100 | .068 | .068 | .068 | .039 | .039 | .039 | .013 | .013 | .013 | |
| 1.0 | .104 | .097 | .090 | .089 | .083 | .078 | .061 | .057 | .054 | .035 | .033 | .031 | .011 | .011 | .010 | |
| 2.0 | .093 | .081 | .072 | .080 | .070 | .062 | .055 | .048 | .043 | .032 | .028 | .025 | .010 | .009 | .008 | |
| 3.0 | .084 | .070 | .058 | .072 | .060 | .050 | .050 | .042 | .035 | .029 | .024 | .021 | .009 | .008 | .007 | |
| 4.0 | .077 | .060 | .047 | .066 | .052 | .041 | .045 | .036 | .029 | .026 | .021 | .017 | .008 | .007 | .006 | |
| 5.0 | .071 | .053 | .039 | .061 | .046 | .034 | .042 | .032 | .024 | .024 | .019 | .014 | .008 | .006 | .005 | |
| 6.0 | .066 | .047 | .033 | .057 | .041 | .029 | .039 | .028 | .020 | .023 | .017 | .012 | .007 | .005 | .004 | |
| 7.0 | .061 | .042 | .028 | .053 | .036 | .025 | .037 | .025 | .017 | .021 | .015 | .010 | .007 | .005 | .003 | |
| 8.0 | .058 | .038 | .024 | .050 | .033 | .021 | .034 | .023 | .015 | .020 | .014 | .009 | .006 | .004 | .003 | |
| 9.0 | .054 | .035 | .021 | .047 | .030 | .018 | .032 | .021 | .013 | .019 | .012 | .008 | .006 | .004 | .003 | |
| 10.0 | .052 | .032 | .018 | .044 | .028 | .016 | .031 | .019 | .011 | .018 | .011 | .007 | .006 | .004 | .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: 2023-10-27

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: BXR-V-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|---|-----|----------------------|------|------|------|------------------|--------------------|------|------------------|------|------|------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | | | | | | | | | | | |
| 灯具名称: 2318.154-LEA-15-DW | | | | | | 灯具类型: | | | 灯具重量: | | | |
| 灯具规格: 3000K | | | | | | 外型尺寸: | | | 测试编号: 2310271281 | | | |
| 制造厂商: RISE | | | | | | 发光口面: 0.001681m2 | | | 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 | 10.3 | 11.0 | 10.5 | 11.2 | 11.4 | 10.1 | 10.8 | 10.3 | 11.0 | 11.1 | |
| | 3H | 10.2 | 10.9 | 10.4 | 11.0 | 11.2 | 10.0 | 10.6 | 10.2 | 10.8 | 11.0 | |
| | 4H | 10.1 | 10.7 | 10.4 | 11.0 | 11.2 | 9.9 | 10.5 | 10.1 | 10.7 | 10.9 | |
| | 6H | 10.0 | 10.6 | 10.3 | 10.9 | 11.1 | 9.8 | 10.4 | 10.1 | 10.6 | 10.9 | |
| | 8H | 10.0 | 10.6 | 10.3 | 10.8 | 11.1 | 9.8 | 10.3 | 10.1 | 10.6 | 10.8 | |
| | 12H | 9.9 | 10.5 | 10.2 | 10.8 | 11.0 | 9.7 | 10.3 | 10.0 | 10.5 | 10.8 | |
| | 4H | 2H | 10.1 | 10.7 | 10.3 | 10.9 | 11.2 | 9.9 | 10.5 | 10.1 | 10.7 | 10.9 |
| | 3H | 9.9 | 10.5 | 10.2 | 10.8 | 11.0 | 9.7 | 10.3 | 10.0 | 10.5 | 10.8 | |
| | 4H | 9.8 | 10.4 | 10.2 | 10.6 | 10.9 | 9.6 | 10.1 | 10.0 | 10.4 | 10.7 | |
| | 6H | 9.8 | 10.2 | 10.1 | 10.5 | 10.9 | 9.5 | 10.0 | 9.9 | 10.3 | 10.7 | |
| | 8H | 9.7 | 10.1 | 10.1 | 10.5 | 10.8 | 9.5 | 9.9 | 9.9 | 10.3 | 10.6 | |
| | 12H | 9.7 | 10.0 | 10.1 | 10.4 | 10.8 | 9.4 | 9.8 | 9.8 | 10.2 | 10.6 | |
| 8H | 4H | 9.7 | 10.1 | 10.1 | 10.5 | 10.8 | 9.5 | 9.9 | 9.9 | 10.2 | 10.6 | |
| 6H | 9.6 | 9.9 | 10.0 | 10.3 | 10.7 | 9.4 | 9.7 | 9.8 | 10.1 | 10.5 | | |
| 8H | 9.5 | 9.9 | 10.0 | 10.3 | 10.7 | 9.3 | 9.6 | 9.8 | 10.1 | 10.5 | | |
| 12H | 9.5 | 9.8 | 10.0 | 10.2 | 10.7 | 9.3 | 9.5 | 9.7 | 10.0 | 10.4 | | |
| 12H | 4H | 9.6 | 10.0 | 10.0 | 10.4 | 10.8 | 9.4 | 9.8 | 9.8 | 10.2 | 10.6 | |
| 6H | 9.5 | 9.8 | 10.0 | 10.3 | 10.7 | 9.3 | 9.6 | 9.8 | 10.0 | 10.5 | | |
| 8H | 9.5 | 9.7 | 10.0 | 10.2 | 10.7 | 9.3 | 9.5 | 9.7 | 10.0 | 10.4 | | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 3.5 / - 7.1 | | | | | + 4.1 / - 6.9 | | | | | |
| 1.5H | | + 6.1 / - 6.8 | | | | | + 6.8 / - 6.5 | | | | | |
| 2.0H | | + 2.3 / - 1.5 | | | | | + 1.8 / - 0.8 | | | | | |

依据CIE Pub.117计算, 1494lm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: 0.001681 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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

UF利用系数表

| | | |
|---|------------------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m ² | 遮光角: |

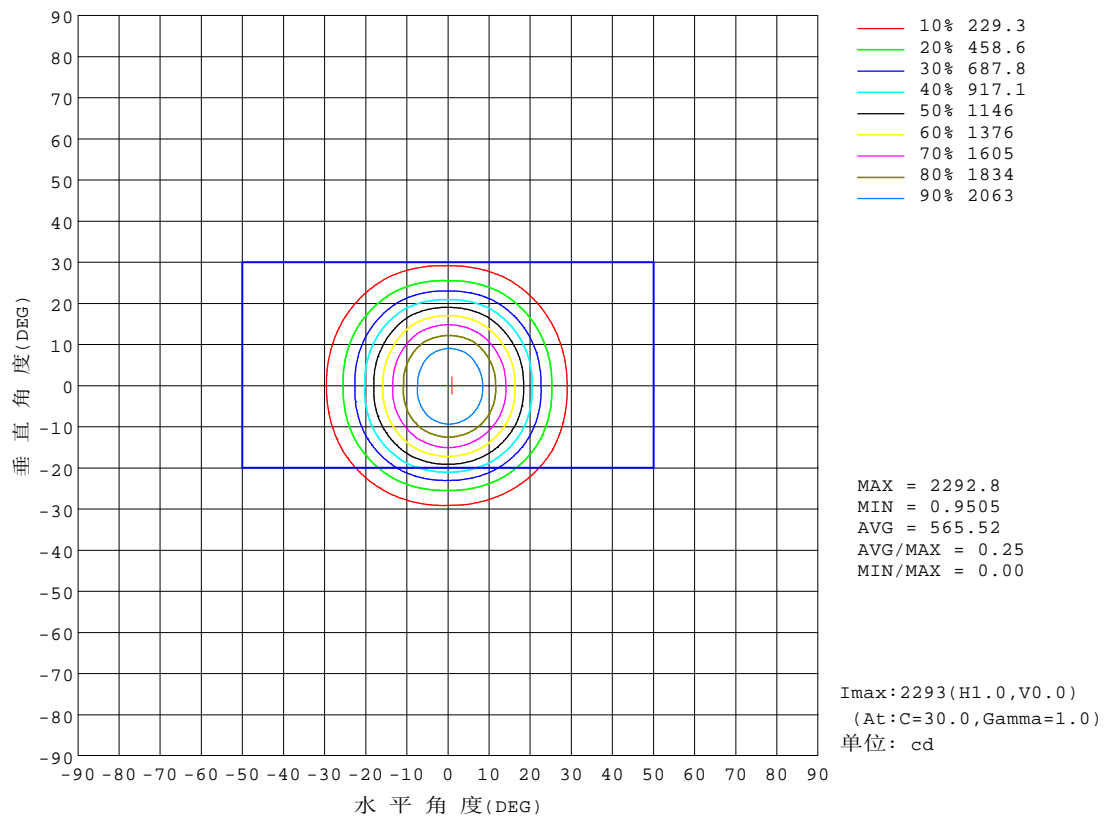
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 53 | 50 | 56 | 52 | 50 | 55 | 52 | 50 | 48 |
| 0.80 | 60 | 57 | 55 | 60 | 57 | 55 | 59 | 57 | 55 | 53 |
| 1.00 | 63 | 59 | 58 | 62 | 59 | 57 | 61 | 59 | 57 | 55 |
| 1.25 | 65 | 62 | 60 | 64 | 62 | 60 | 63 | 61 | 59 | 57 |
| 1.50 | 66 | 64 | 62 | 65 | 63 | 61 | 64 | 62 | 61 | 58 |
| 2.00 | 67 | 65 | 63 | 67 | 65 | 63 | 65 | 63 | 62 | 59 |
| 2.50 | 68 | 66 | 65 | 67 | 66 | 64 | 66 | 64 | 63 | 59 |
| 3.00 | 69 | 67 | 66 | 68 | 66 | 65 | 66 | 65 | 64 | 60 |
| 4.00 | 70 | 69 | 68 | 69 | 68 | 67 | 67 | 66 | 65 | 61 |
| 5.00 | 71 | 70 | 69 | 70 | 69 | 68 | 67 | 67 | 66 | 61 |
| 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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096B 36R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具等光强曲线

| | | |
|---|------------------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m ² | 遮光角: |

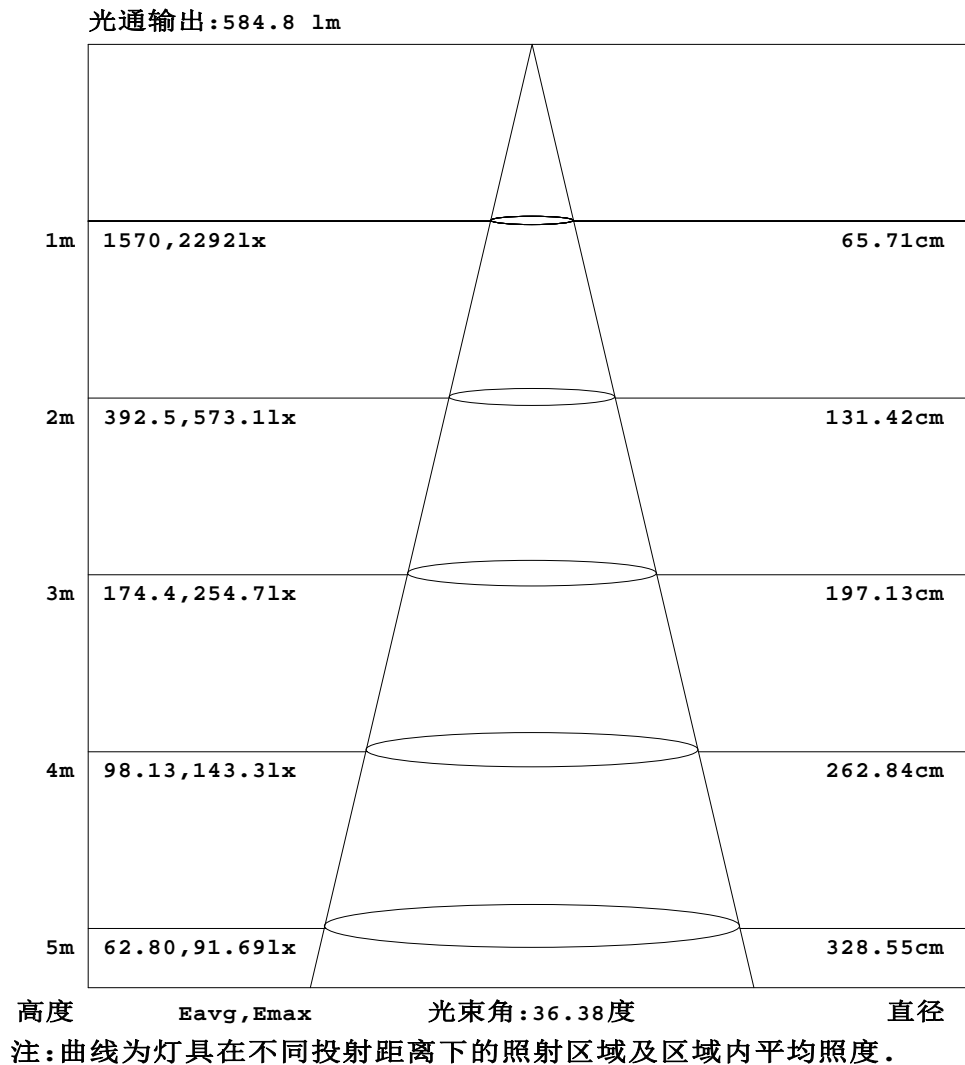


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-10-27

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:BXRV-DR-1830G-1000-K-23 Ra:90
LENS:PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

灯具有效平均照度图

| | | |
|---|------------------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m ² | 遮光角: |

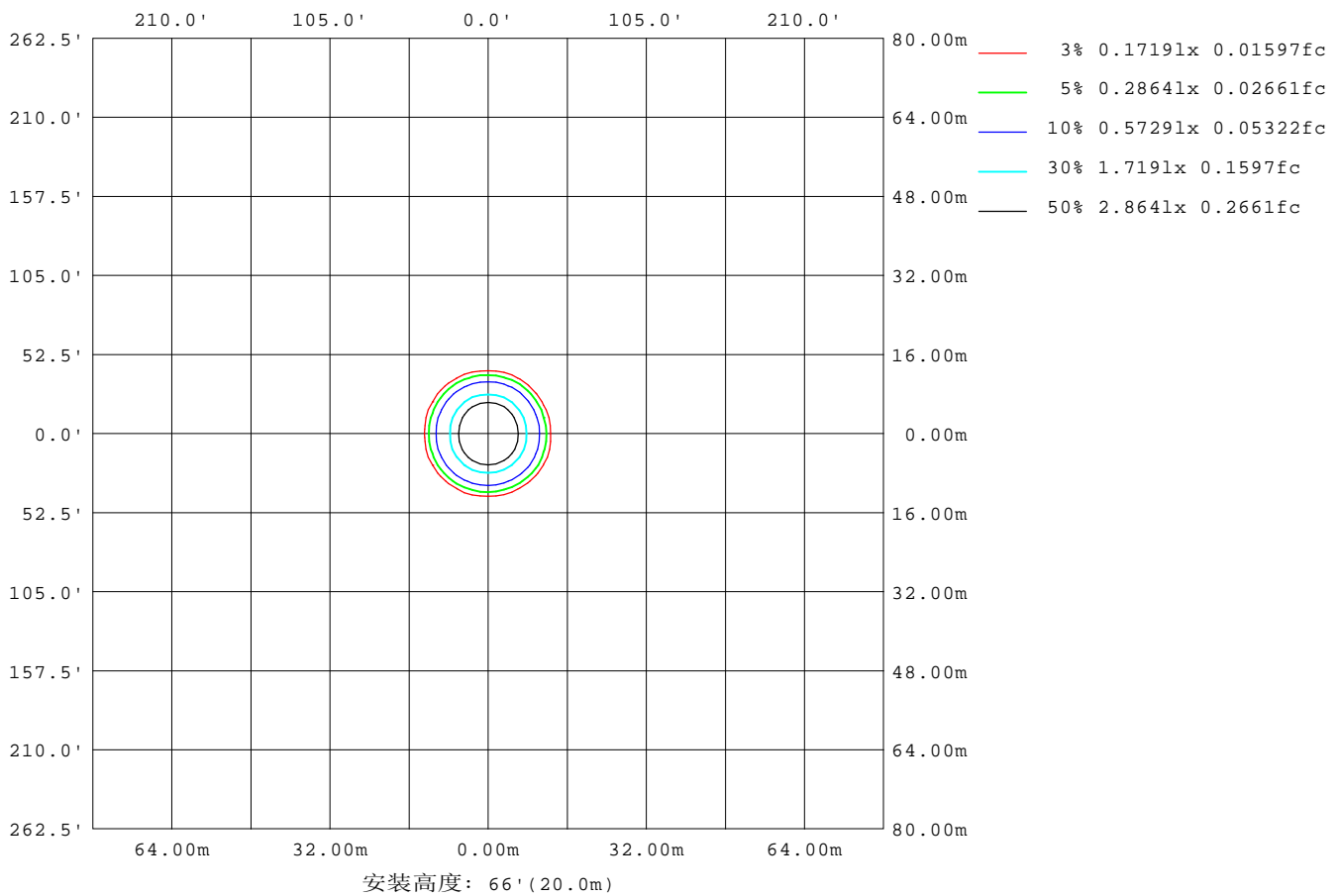


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096B 36R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

平面等照度曲线

| | | |
|---|------------------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m 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: 2023-10-27

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: BXR-V-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|---|------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m2 | 遮光角: |

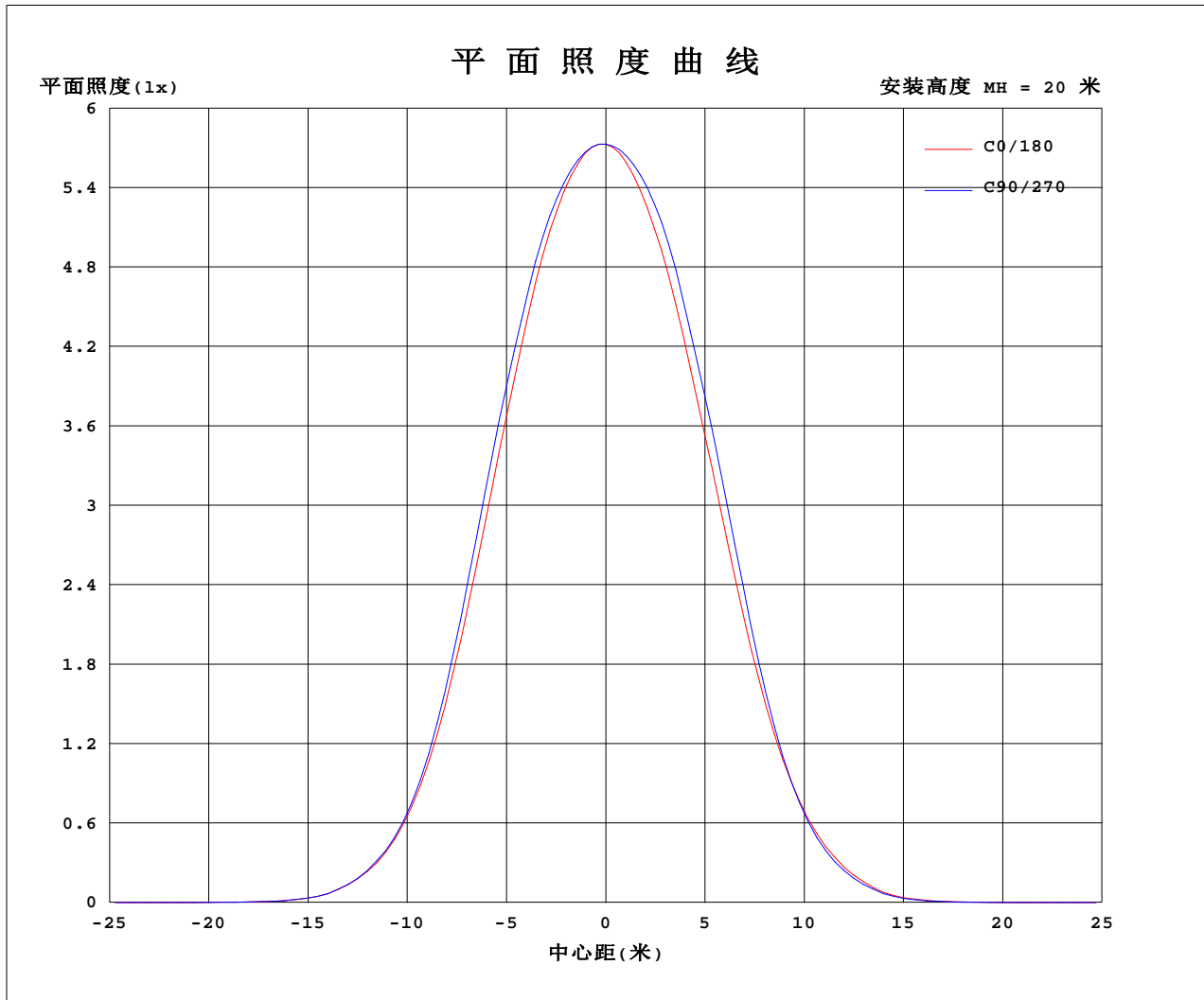
| 平均亮度 | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av | 1028 |
| L横(75)av | 625 |
| L横(85)av | 718 |
| L纵(65)av | 715 |
| L纵(75)av | 540 |
| L纵(85)av | 698 |
| L45(65)av | 660 |
| L45(75)av | 415 |
| L45(85)av | 369 |

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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096B 36R
 DRIVER: PUP20A-1WMC 450mA
 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: 2023-10-27

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: BXRV-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096B 36R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up



光强分布数据表格

| | | |
|---|------------------|------------------|
| 实测参数: U:120.22V I:0.1481A P:17.713W PF:0.9938 Freq:59.98Hz 实检光通: 1493.6x1 lm | | |
| 灯具名称: 2318.154-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2310271281 |
| 制造厂商: RISE | 发光口面: 0.001681m2 | 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 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | 2291 | | | | | | |
| 5 | 2221 | 2229 | 2237 | 2239 | 2223 | 2198 | 2177 | 2185 | 2210 | 2224 | 2223 | 2216 | | | | | | |
| 10 | 1963 | 1994 | 2023 | 2030 | 2005 | 1945 | 1892 | 1927 | 1984 | 2002 | 2006 | 1972 | | | | | | |
| 15 | 1514 | 1564 | 1597 | 1618 | 1589 | 1515 | 1454 | 1488 | 1571 | 1585 | 1580 | 1536 | | | | | | |
| 20 | 964 | 1030 | 1056 | 1045 | 1065 | 1012 | 938 | 991 | 1058 | 1022 | 1052 | 1004 | | | | | | |
| 25 | 477 | 527 | 528 | 500 | 543 | 535 | 493 | 529 | 542 | 495 | 528 | 504 | | | | | | |
| 30 | 184 | 211 | 200 | 194 | 210 | 221 | 211 | 217 | 220 | 190 | 203 | 188 | | | | | | |
| 35 | 48.6 | 64.7 | 59.1 | 49.4 | 62.3 | 66.5 | 55.4 | 67.9 | 64.7 | 49.2 | 57.2 | 54.1 | | | | | | |
| 40 | 9.89 | 13.7 | 12.2 | 9.26 | 12.6 | 13.1 | 9.63 | 12.2 | 12.0 | 8.36 | 10.7 | 11.2 | | | | | | |
| 45 | 3.00 | 3.88 | 3.26 | 2.21 | 3.41 | 3.55 | 2.56 | 3.08 | 2.49 | 1.46 | 2.48 | 3.03 | | | | | | |
| 50 | 1.98 | 1.80 | 1.47 | 1.38 | 1.42 | 1.64 | 1.79 | 1.27 | 0.89 | 0.82 | 0.91 | 1.31 | | | | | | |
| 55 | 1.54 | 1.21 | 1.03 | 1.10 | 0.99 | 1.15 | 1.45 | 0.87 | 0.61 | 0.69 | 0.61 | 0.89 | | | | | | |
| 60 | 1.13 | 0.91 | 0.81 | 0.90 | 0.78 | 0.88 | 1.10 | 0.64 | 0.49 | 0.56 | 0.49 | 0.66 | | | | | | |
| 65 | 0.73 | 0.62 | 0.59 | 0.66 | 0.57 | 0.61 | 0.73 | 0.42 | 0.33 | 0.36 | 0.33 | 0.42 | | | | | | |
| 70 | 0.44 | 0.39 | 0.39 | 0.44 | 0.38 | 0.40 | 0.46 | 0.25 | 0.19 | 0.22 | 0.19 | 0.25 | | | | | | |
| 75 | 0.27 | 0.24 | 0.24 | 0.29 | 0.24 | 0.24 | 0.28 | 0.15 | 0.13 | 0.18 | 0.13 | 0.15 | | | | | | |
| 80 | 0.17 | 0.14 | 0.14 | 0.18 | 0.14 | 0.14 | 0.17 | 0.09 | 0.09 | 0.13 | 0.09 | 0.10 | | | | | | |
| 85 | 0.11 | 0.07 | 0.06 | 0.11 | 0.06 | 0.06 | 0.10 | 0.05 | 0.06 | 0.09 | 0.05 | 0.06 | | | | | | |
| 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: 2023-10-27

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:BXRV-DR-1830G-1000-K-23 Ra:90

LENS:PM-1096B 36R

DRIVER: PUP20A-1WMC 450mA

30minutes warm-up