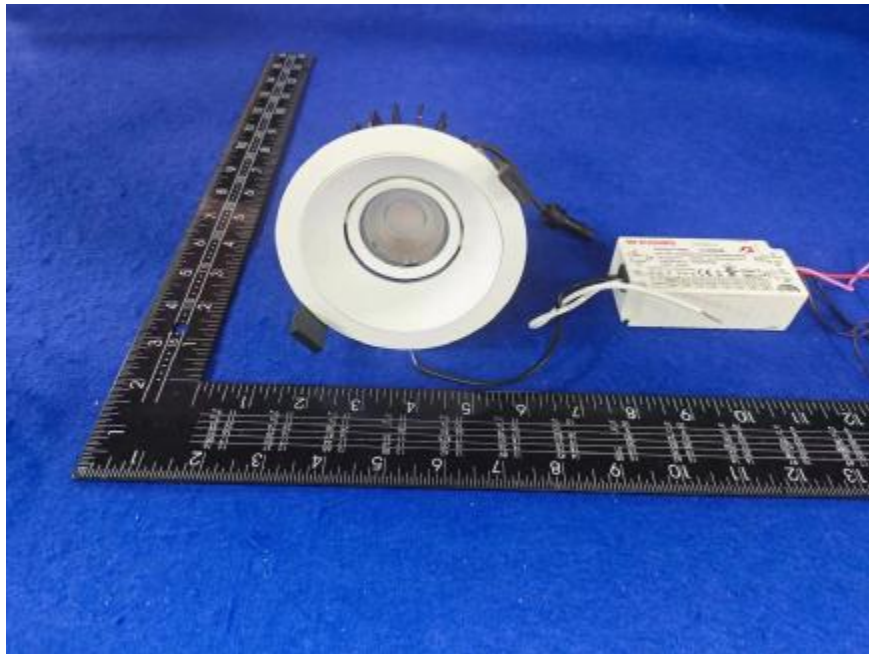


燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 76.3% | |
| Luminaire Power: | 17.33 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 0.30 | 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: 2023-7-12

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-1096A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具配光曲线及特征面照片

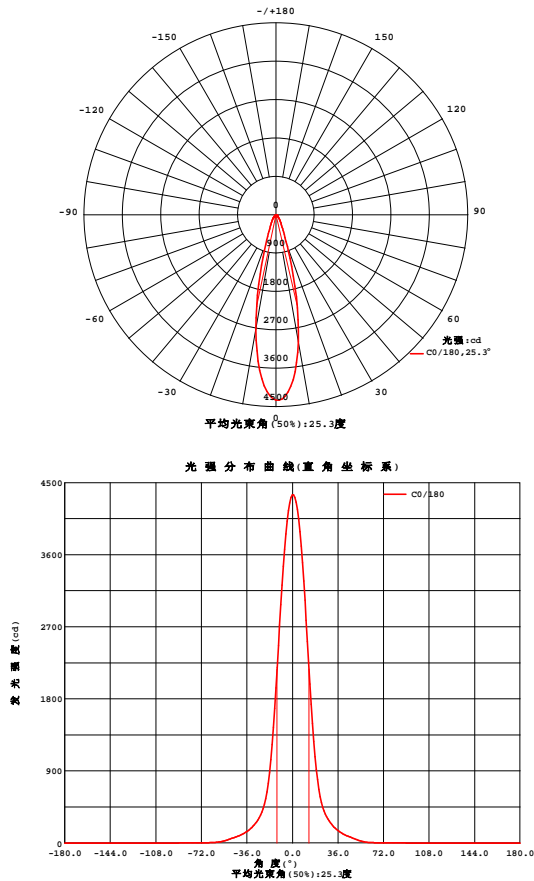


Fig. C0/C180

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: 2023-7-12

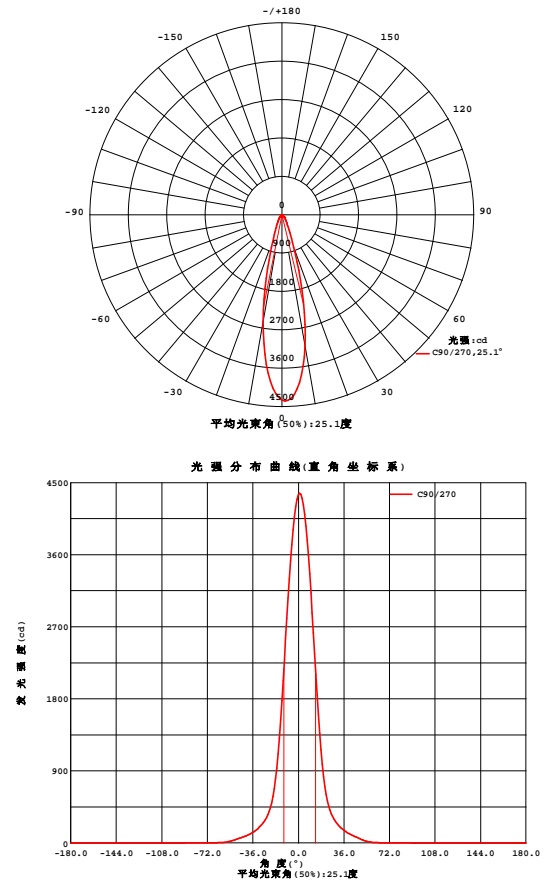


Fig. C90/C270

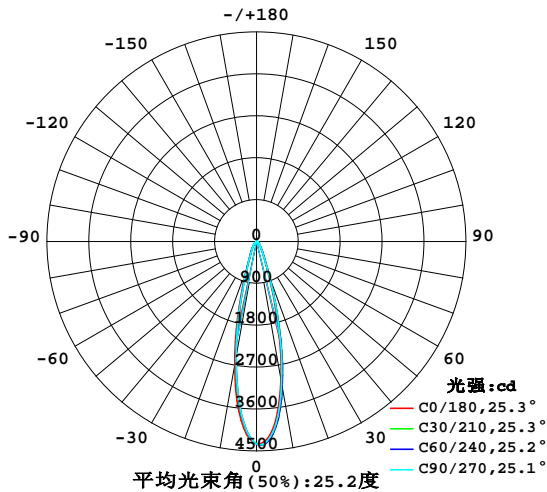
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRV-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

室内灯具光度数据

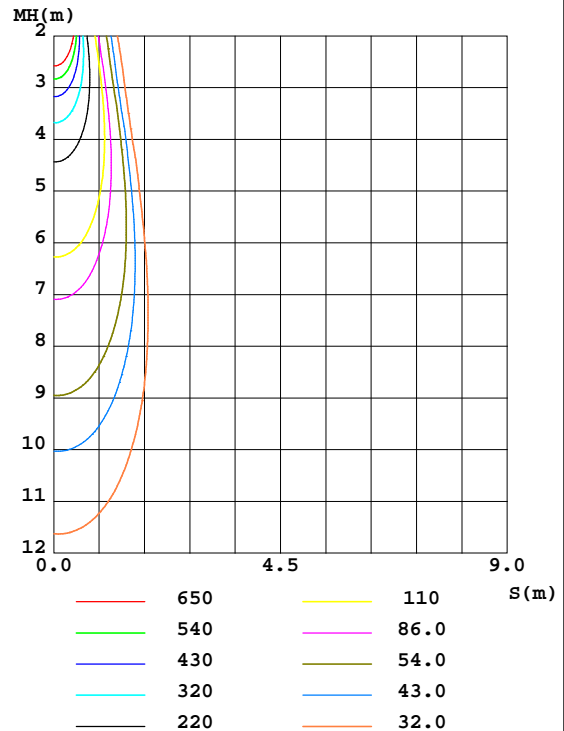
| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 65.76 lm/W |
|-----------|-----------|----------|--------|-----------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 4374 | S/MH(C0/180) | 0.41 | |
| 标称功率(W) | 17 | 灯具效率(%) | 76.3 | S/MH(C90/270) | 0.39 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1139.7 | UP,DN(C0-180) | 0.0,41.3 | |
| 额定光通量(lm) | 1493.63 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,35.0 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| 实测电源电压(V) | 120 | 下射光通比(%) | 76.3 | CIBSE SHR MAX | 0.30 | |

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: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
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 | 3031 | 3188 | 3124 | 2961 | 2721 | 2561 | 2550 | 2731 | 0- 10 | 340.5 | 340.5 | 29.9, 22.8 |
| 20 | 792.1 | 866.6 | 828.5 | 735.8 | 637.5 | 585.4 | 579.9 | 645.2 | 10- 20 | 435.0 | 775.5 | 68, 51.9 |
| 30 | 254.3 | 265.6 | 254.6 | 239.1 | 227.3 | 215.9 | 208.8 | 223.3 | 20- 30 | 180.0 | 955.5 | 83.8, 64 |
| 40 | 115.2 | 119.8 | 117.7 | 112.1 | 106.1 | 100.0 | 97.79 | 103.5 | 30- 40 | 101.6 | 1057 | 92.8, 70.8 |
| 50 | 45.87 | 45.98 | 43.38 | 45.62 | 45.45 | 42.14 | 38.76 | 41.73 | 40- 50 | 57.29 | 1114 | 97.8, 74.6 |
| 60 | 7.474 | 6.895 | 5.814 | 7.420 | 8.122 | 7.153 | 6.013 | 6.804 | 50- 60 | 19.40 | 1134 | 99.5, 75.9 |
| 70 | 2.280 | 2.031 | 1.894 | 2.254 | 2.638 | 2.432 | 2.222 | 2.208 | 60- 70 | 3.956 | 1138 | 99.8, 76.2 |
| 80 | 1.006 | 0.7885 | 0.6849 | 0.8613 | 1.086 | 0.9222 | 0.7515 | 0.8369 | 70- 80 | 1.640 | 1139 | 100, 76.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.3382 | 1140 | 100, 76.3 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1140 | 100, 76.3 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1140 | 100, 76.3 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1140 | 100, 76.3 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1140 | 100, 76.3 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1140 | 100, 76.3 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1140 | 100, 76.3 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1140 | 100, 76.3 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1140 | 100, 76.3 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1140 | 100, 76.3 |
| 单位: ° | 光强: cd | | | | | | | | | 单位: lm | | |

C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-7-12

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-1096A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz
实检光通: 1493.63x1 lm

灯具名称: 2118.192-LEA-15-DW

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

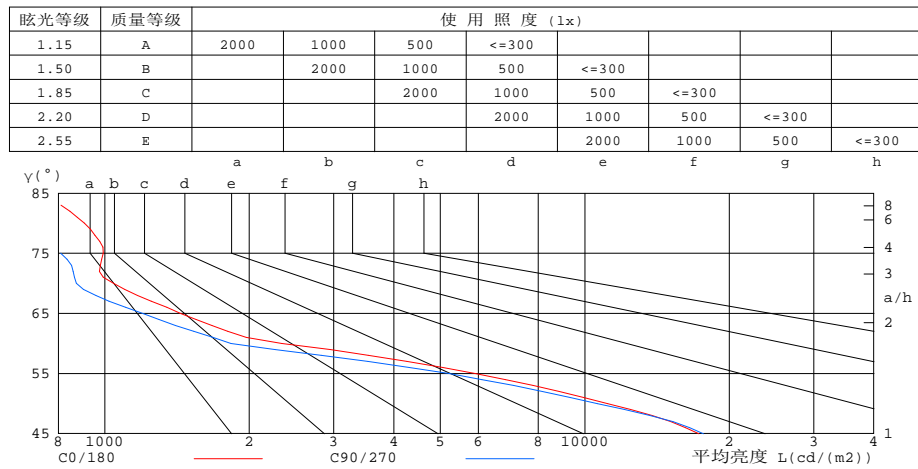
测试编号: 2307120892

制造厂商: RISE

发光口面: 0.0063585m²

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 | 715 | 286 |
| 80 | 906 | 621 |
| 75 | 993 | 809 |
| 70 | 1043 | 872 |
| 65 | 1438 | 1199 |
| 60 | 2339 | 1831 |
| 55 | 5915 | 5225 |
| 50 | 11165 | 10628 |
| 45 | 17280 | 17674 |

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: 2023-7-12

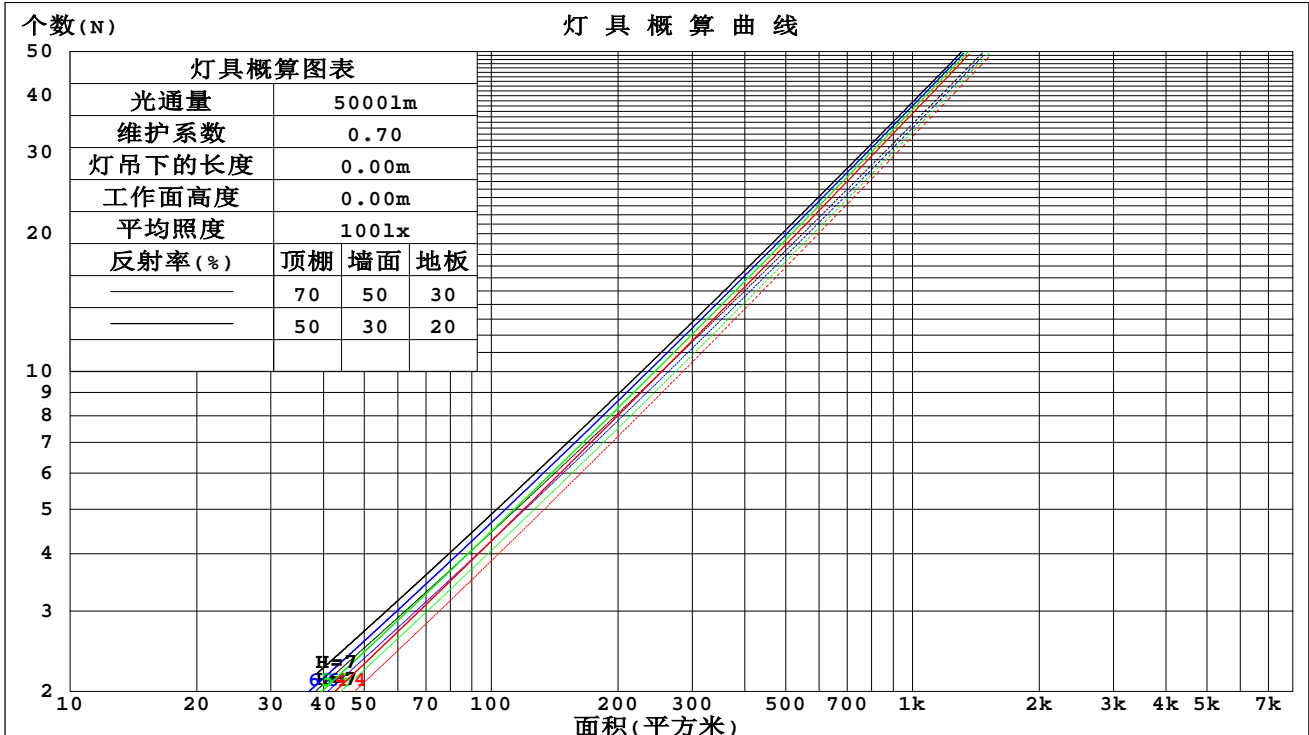
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRV-DR-1830G-1000-K-23 Ra:90
LENS: PM-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz
实检光通: 1493.63x1 lm

| | | |
|--------------------------|-------------------|------------------|
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 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 | .91 | .91 | .91 | .89 | .89 | .89 | .85 | .85 | .85 | .81 | .81 | .81 | .78 | .78 | .78 | .76 |
| 1.0 | .86 | .84 | .82 | .84 | .82 | .81 | .81 | .80 | .79 | .78 | .77 | .76 | .75 | .75 | .74 | .73 |
| 2.0 | .81 | .78 | .76 | .80 | .77 | .75 | .77 | .75 | .74 | .75 | .73 | .72 | .73 | .72 | .71 | .69 |
| 3.0 | .77 | .73 | .71 | .76 | .73 | .70 | .74 | .71 | .69 | .72 | .70 | .68 | .70 | .69 | .67 | .66 |
| 4.0 | .73 | .69 | .67 | .72 | .69 | .66 | .71 | .68 | .66 | .69 | .67 | .65 | .68 | .66 | .64 | .63 |
| 5.0 | .70 | .66 | .63 | .69 | .66 | .63 | .68 | .65 | .63 | .66 | .64 | .62 | .65 | .63 | .62 | .61 |
| 6.0 | .67 | .63 | .60 | .66 | .63 | .60 | .65 | .62 | .60 | .64 | .61 | .59 | .63 | .61 | .59 | .58 |
| 7.0 | .64 | .60 | .58 | .64 | .60 | .58 | .63 | .60 | .57 | .62 | .59 | .57 | .61 | .59 | .57 | .56 |
| 8.0 | .62 | .58 | .56 | .61 | .58 | .55 | .60 | .57 | .55 | .60 | .57 | .55 | .59 | .57 | .55 | .54 |
| 9.0 | .59 | .56 | .53 | .59 | .56 | .53 | .58 | .55 | .53 | .58 | .55 | .53 | .57 | .55 | .53 | .52 |
| 10.0 | .57 | .54 | .52 | .57 | .54 | .52 | .57 | .54 | .51 | .56 | .53 | .51 | .56 | .53 | .51 | .50 |



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: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

墙面和天花板利用系数

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 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 | .116 | .066 | .021 | .111 | .063 | .020 | .102 | .058 | .019 | .093 | .054 | .017 | .085 | .049 | .016 | |
| 2.0 | .110 | .060 | .018 | .105 | .058 | .018 | .097 | .054 | .017 | .090 | .051 | .016 | .083 | .047 | .015 | |
| 3.0 | .103 | .055 | .016 | .100 | .053 | .016 | .093 | .050 | .015 | .087 | .048 | .015 | .081 | .045 | .014 | |
| 4.0 | .097 | .050 | .015 | .094 | .049 | .015 | .088 | .047 | .014 | .083 | .045 | .013 | .078 | .043 | .013 | |
| 5.0 | .092 | .047 | .014 | .089 | .046 | .013 | .084 | .044 | .013 | .080 | .042 | .013 | .076 | .040 | .012 | |
| 6.0 | .087 | .044 | .012 | .085 | .043 | .012 | .081 | .041 | .012 | .077 | .040 | .012 | .073 | .038 | .011 | |
| 7.0 | .083 | .041 | .012 | .081 | .040 | .011 | .077 | .039 | .011 | .074 | .038 | .011 | .070 | .037 | .011 | |
| 8.0 | .079 | .038 | .011 | .077 | .038 | .011 | .074 | .037 | .011 | .071 | .036 | .010 | .068 | .035 | .010 | |
| 9.0 | .075 | .036 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .010 | |
| 10.0 | .072 | .034 | .010 | .071 | .034 | .010 | .068 | .033 | .009 | .066 | .033 | .009 | .063 | .032 | .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 | .145 | .145 | .145 | .124 | .124 | .124 | .085 | .085 | .085 | .049 | .049 | .049 | .016 | .016 | .016 | |
| 1.0 | .129 | .120 | .112 | .111 | .103 | .096 | .076 | .071 | .067 | .044 | .041 | .039 | .014 | .013 | .013 | |
| 2.0 | .116 | .101 | .088 | .100 | .087 | .076 | .068 | .060 | .053 | .039 | .035 | .031 | .013 | .011 | .010 | |
| 3.0 | .106 | .087 | .071 | .091 | .075 | .062 | .062 | .052 | .043 | .036 | .030 | .026 | .012 | .010 | .008 | |
| 4.0 | .097 | .075 | .058 | .083 | .065 | .051 | .057 | .045 | .036 | .033 | .026 | .021 | .011 | .009 | .007 | |
| 5.0 | .089 | .066 | .048 | .077 | .057 | .042 | .053 | .040 | .030 | .031 | .023 | .018 | .010 | .008 | .006 | |
| 6.0 | .083 | .058 | .041 | .071 | .051 | .036 | .049 | .035 | .025 | .028 | .021 | .015 | .009 | .007 | .005 | |
| 7.0 | .077 | .052 | .035 | .066 | .045 | .030 | .046 | .032 | .021 | .027 | .019 | .013 | .009 | .006 | .004 | |
| 8.0 | .072 | .047 | .030 | .062 | .041 | .026 | .043 | .029 | .019 | .025 | .017 | .011 | .008 | .006 | .004 | |
| 9.0 | .068 | .043 | .026 | .059 | .037 | .023 | .041 | .026 | .016 | .024 | .016 | .010 | .008 | .005 | .003 | |
| 10.0 | .064 | .039 | .023 | .056 | .034 | .020 | .039 | .024 | .014 | .022 | .014 | .008 | .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: 2023-7-12

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-1096A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|--|-----|----------------------|------|------|-------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | | | | | | | | | | | |
| 灯具名称: 2118.192-LEA-15-DW | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2307120892 | | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.0063585m2 | | | 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 | 14.1 | 14.8 | 14.3 | 15.0 | 15.1 | 14.0 | 14.7 | 14.2 | 14.9 | 15.0 | |
| | 3H | 14.0 | 14.7 | 14.2 | 14.8 | 15.0 | 13.8 | 14.5 | 14.1 | 14.7 | 14.9 | |
| | 4H | 13.9 | 14.6 | 14.2 | 14.8 | 15.0 | 13.8 | 14.4 | 14.0 | 14.6 | 14.8 | |
| | 6H | 13.8 | 14.4 | 14.1 | 14.7 | 14.9 | 13.7 | 14.3 | 14.0 | 14.5 | 14.8 | |
| | 8H | 13.8 | 14.4 | 14.1 | 14.6 | 14.9 | 13.6 | 14.2 | 13.9 | 14.5 | 14.7 | |
| | 12H | 13.7 | 14.3 | 14.0 | 14.6 | 14.8 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 | |
| | 4H | 2H | 13.9 | 14.6 | 14.2 | 14.8 | 15.0 | 13.8 | 14.4 | 14.0 | 14.7 | 14.9 |
| | | 3H | 13.8 | 14.3 | 14.1 | 14.6 | 14.9 | 13.6 | 14.2 | 13.9 | 14.5 | 14.8 |
| | | 4H | 13.7 | 14.2 | 14.0 | 14.5 | 14.8 | 13.6 | 14.1 | 13.9 | 14.4 | 14.7 |
| | | 6H | 13.6 | 14.1 | 14.0 | 14.4 | 14.8 | 13.5 | 13.9 | 13.8 | 14.3 | 14.6 |
| | | 8H | 13.6 | 14.0 | 14.0 | 14.4 | 14.7 | 13.4 | 13.9 | 13.8 | 14.2 | 14.6 |
| | | 12H | 13.5 | 13.9 | 13.9 | 14.3 | 14.7 | 13.4 | 13.8 | 13.8 | 14.1 | 14.5 |
| 8H | 4H | 13.5 | 14.0 | 13.9 | 14.3 | 14.7 | 13.4 | 13.9 | 13.8 | 14.2 | 14.6 | |
| | 6H | 13.5 | 13.8 | 13.9 | 14.2 | 14.6 | 13.3 | 13.7 | 13.8 | 14.1 | 14.5 | |
| | 8H | 13.4 | 13.7 | 13.9 | 14.2 | 14.6 | 13.3 | 13.6 | 13.7 | 14.0 | 14.5 | |
| | 12H | 13.4 | 13.7 | 13.8 | 14.1 | 14.6 | 13.2 | 13.5 | 13.7 | 13.9 | 14.4 | |
| 12H | 4H | 13.5 | 13.9 | 13.9 | 14.3 | 14.7 | 13.4 | 13.8 | 13.8 | 14.1 | 14.5 | |
| | 6H | 13.4 | 13.7 | 13.9 | 14.2 | 14.6 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 | |
| | 8H | 13.4 | 13.6 | 13.8 | 14.1 | 14.6 | 13.2 | 13.5 | 13.7 | 13.9 | 14.4 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 2.3 / - 6.2 | | | | | + 2.3 / - 7.3 | | | | | |
| 1.5H | | + 2.4 / - 4.2 | | | | | + 2.7 / - 5.1 | | | | | |
| 2.0H | | + 4.9 / - 7.9 | | | | | + 5.2 / - 8.6 | | | | | |

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: 0.0063585 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: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

UF利用系数表

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 遮光角: |

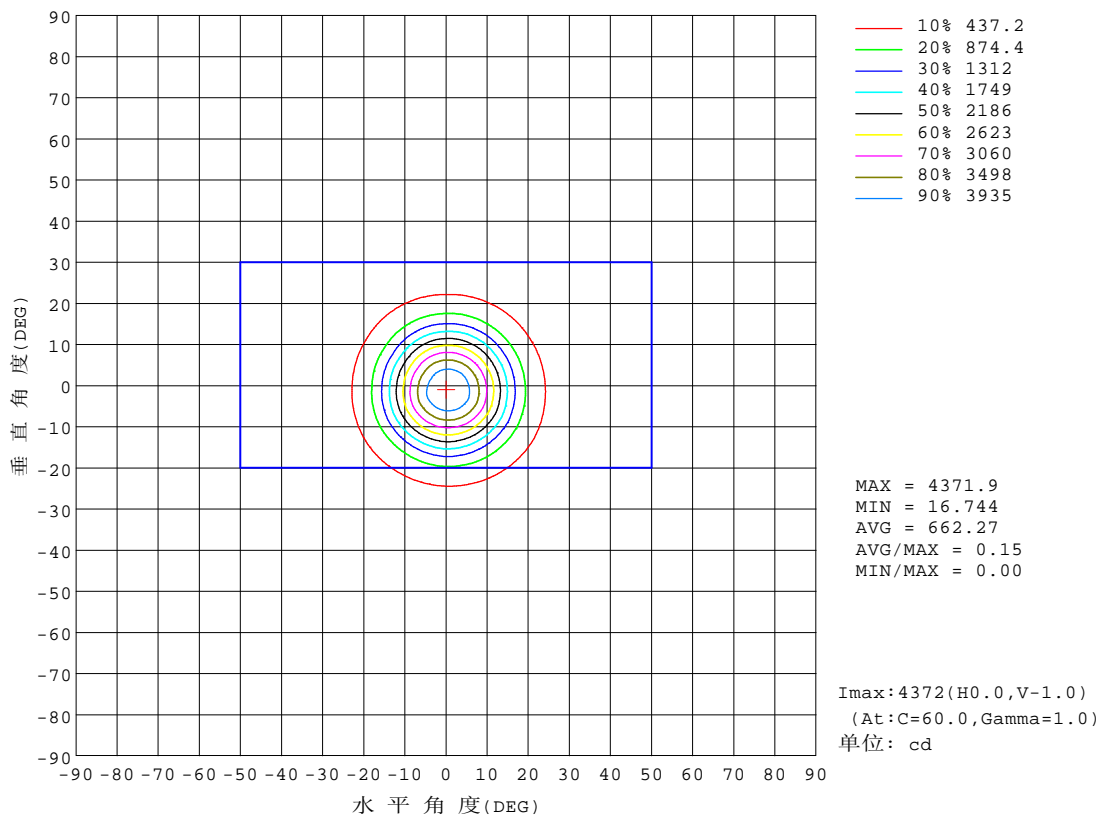
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 66 | 61 | 58 | 66 | 61 | 58 | 65 | 61 | 58 | 56 |
| 0.80 | 72 | 68 | 65 | 72 | 67 | 65 | 71 | 67 | 64 | 62 |
| 1.00 | 76 | 71 | 69 | 75 | 71 | 68 | 74 | 71 | 68 | 65 |
| 1.25 | 79 | 75 | 72 | 78 | 74 | 72 | 76 | 73 | 71 | 68 |
| 1.50 | 81 | 77 | 75 | 80 | 77 | 74 | 78 | 75 | 73 | 70 |
| 2.00 | 83 | 80 | 77 | 82 | 79 | 77 | 80 | 77 | 76 | 72 |
| 2.50 | 84 | 81 | 79 | 83 | 80 | 78 | 81 | 78 | 77 | 72 |
| 3.00 | 85 | 83 | 81 | 84 | 82 | 80 | 81 | 80 | 78 | 73 |
| 4.00 | 87 | 85 | 83 | 85 | 83 | 82 | 83 | 81 | 80 | 75 |
| 5.00 | 88 | 86 | 85 | 86 | 85 | 83 | 83 | 82 | 81 | 75 |
| 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: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

灯具等光强曲线

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 遮光角: |

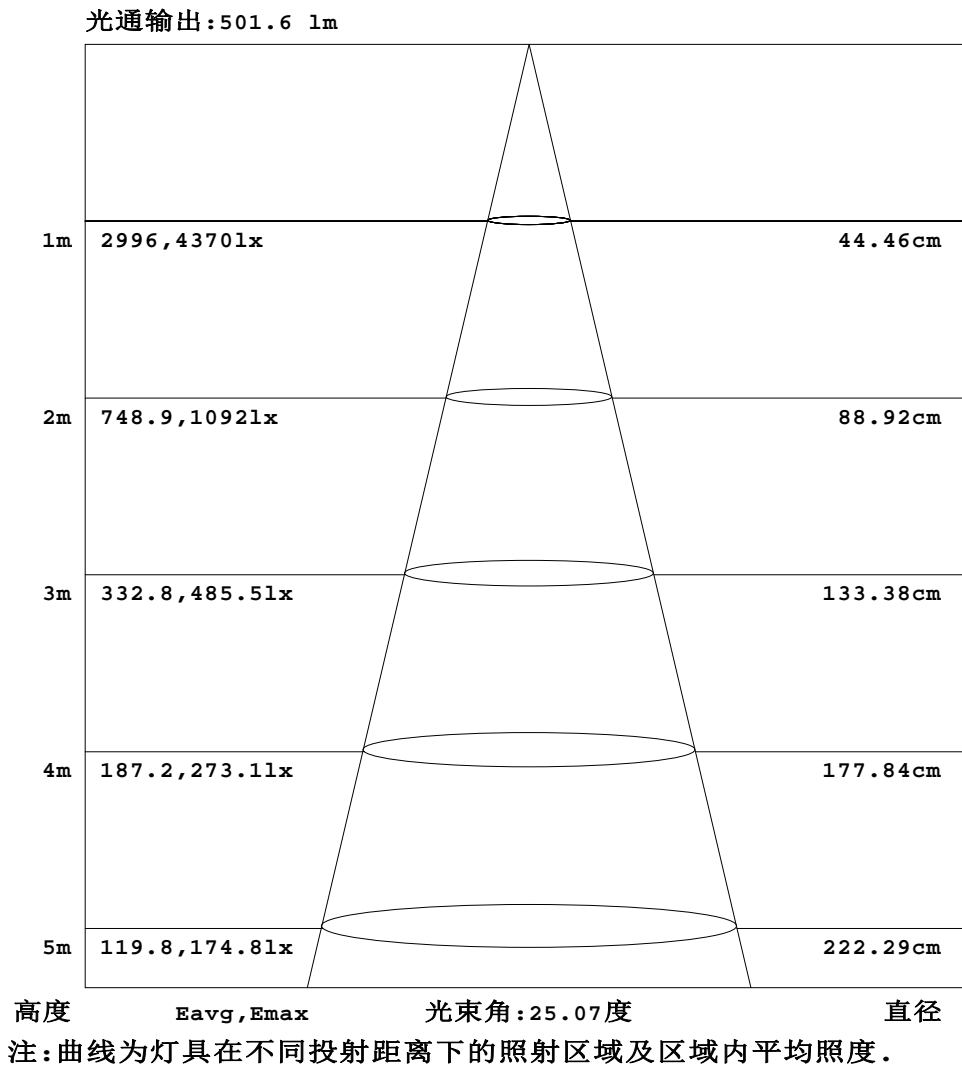


c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

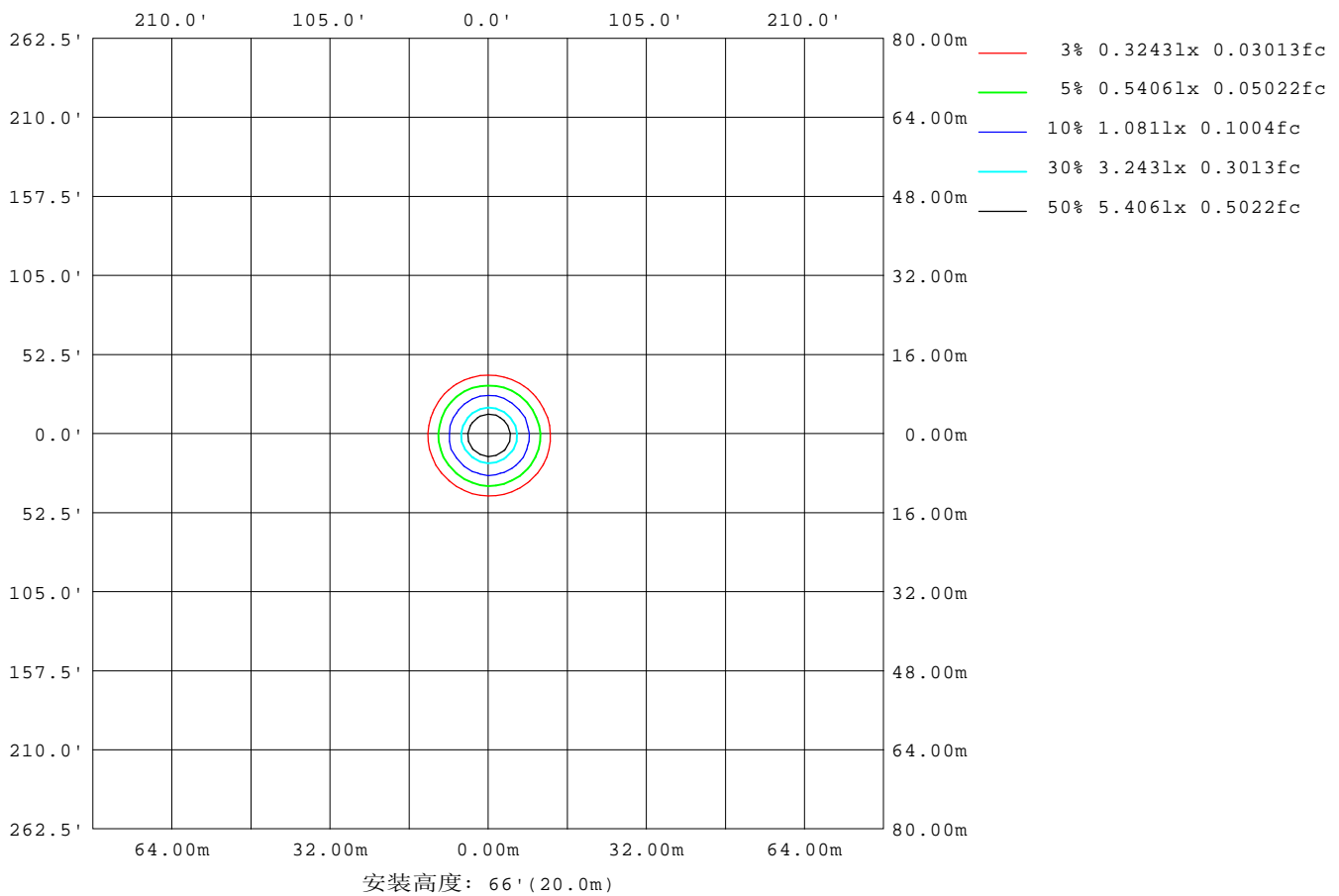


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-7-12

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-1096A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m 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: 2023-7-12

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-1096A 24R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

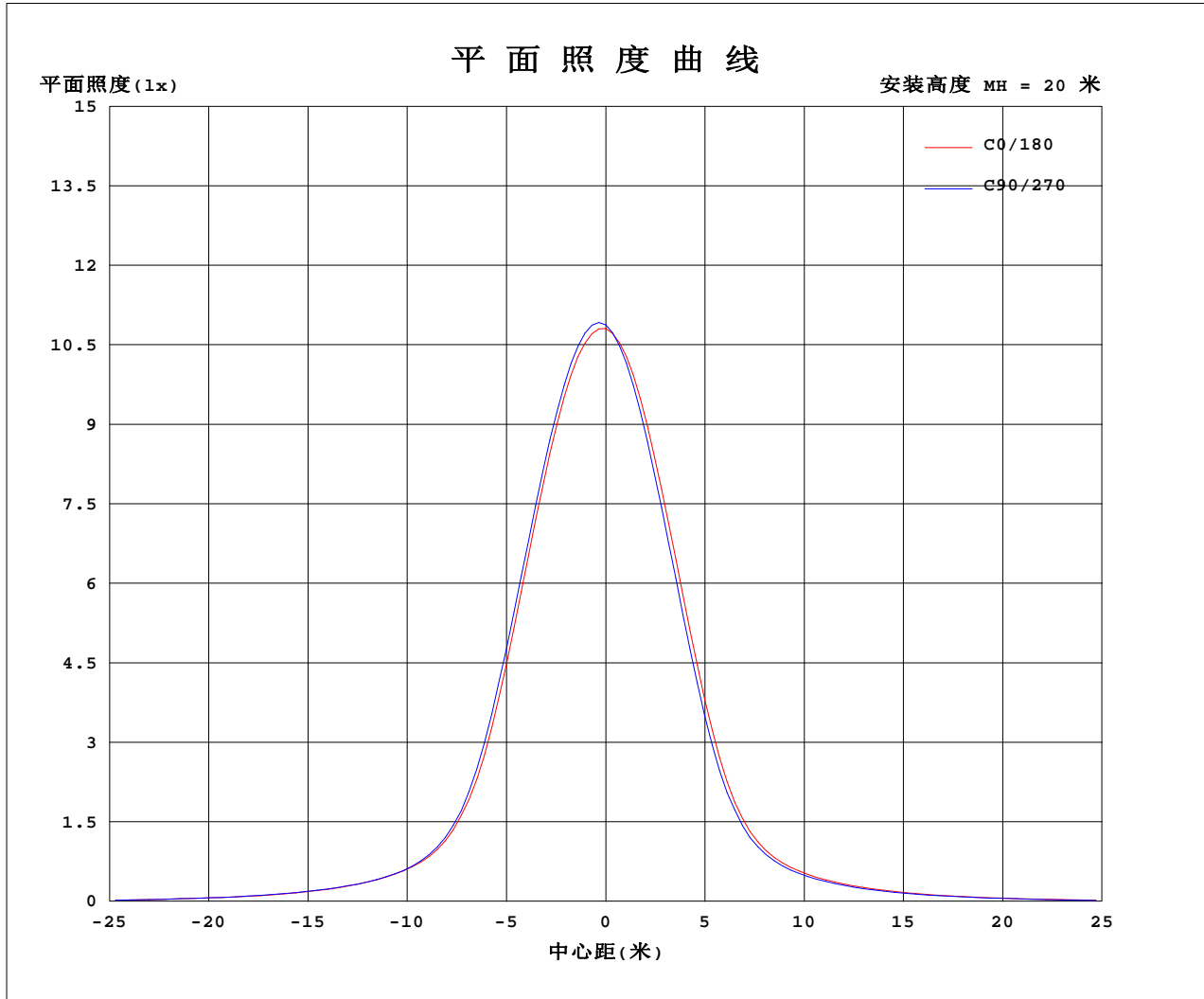
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 1528 |
| L横(75)av | 1074 |
| L横(85)av | 719 |
| L纵(65)av | 1246 |
| L纵(75)av | 863 |
| L纵(85)av | 296 |
| L45(65)av | 1424 |
| L45(75)av | 954 |
| L45(85)av | 412 |

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: 2023-7-12

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-1096A 24R
 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: 2023-7-12

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-1096A 24R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.07V I:0.1452A P:17.331W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120892 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 遮光角: |

| | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--------|--|--|--|--|
| 表--1 | | | | | | | | | | | | | | 单位: cd | | | | |
| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
| 0 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | 4347 | | | | | | |
| 5 | 4041 | 4146 | 4141 | 4103 | 4037 | 3968 | 3857 | 3757 | 3738 | 3732 | 3797 | 3903 | | | | | | |
| 10 | 3031 | 3189 | 3188 | 3124 | 3021 | 2901 | 2721 | 2577 | 2545 | 2550 | 2650 | 2812 | | | | | | |
| 15 | 1732 | 1897 | 1881 | 1850 | 1725 | 1604 | 1444 | 1317 | 1308 | 1310 | 1407 | 1531 | | | | | | |
| 20 | 792 | 865 | 869 | 829 | 763 | 709 | 638 | 588 | 583 | 580 | 615 | 675 | | | | | | |
| 25 | 401 | 431 | 424 | 410 | 386 | 369 | 349 | 331 | 324 | 319 | 332 | 357 | | | | | | |
| 30 | 254 | 268 | 263 | 255 | 243 | 235 | 227 | 218 | 213 | 209 | 216 | 230 | | | | | | |
| 35 | 170 | 180 | 176 | 172 | 166 | 161 | 155 | 148 | 145 | 143 | 148 | 156 | | | | | | |
| 40 | 115 | 121 | 119 | 118 | 114 | 110 | 106 | 101 | 99.1 | 97.8 | 101 | 106 | | | | | | |
| 45 | 78.1 | 81.2 | 80.3 | 79.4 | 77.5 | 75.4 | 72.5 | 69.2 | 67.8 | 66.9 | 68.5 | 72.1 | | | | | | |
| 50 | 45.9 | 47.4 | 44.6 | 43.4 | 44.7 | 46.5 | 45.5 | 43.4 | 40.9 | 38.8 | 40.7 | 42.8 | | | | | | |
| 55 | 21.7 | 22.5 | 19.8 | 19.0 | 20.3 | 22.7 | 22.1 | 21.2 | 19.0 | 17.2 | 19.0 | 20.3 | | | | | | |
| 60 | 7.47 | 7.75 | 6.04 | 5.81 | 6.53 | 8.31 | 8.12 | 7.87 | 6.43 | 6.01 | 6.45 | 7.16 | | | | | | |
| 65 | 3.88 | 3.87 | 3.38 | 3.22 | 3.55 | 4.22 | 4.33 | 4.30 | 3.77 | 3.48 | 3.58 | 3.86 | | | | | | |
| 70 | 2.28 | 2.17 | 1.89 | 1.89 | 2.04 | 2.47 | 2.64 | 2.57 | 2.30 | 2.22 | 2.16 | 2.26 | | | | | | |
| 75 | 1.64 | 1.47 | 1.38 | 1.33 | 1.48 | 1.67 | 1.89 | 1.80 | 1.63 | 1.51 | 1.54 | 1.61 | | | | | | |
| 80 | 1.01 | 0.86 | 0.72 | 0.68 | 0.78 | 0.95 | 1.09 | 1.01 | 0.84 | 0.75 | 0.78 | 0.90 | | | | | | |
| 85 | 0.40 | 0.27 | 0.17 | 0.16 | 0.19 | 0.27 | 0.40 | 0.32 | 0.21 | 0.17 | 0.18 | 0.27 | | | | | | |
| 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
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30minutes warm-up