

燈 具 實 物 照 片



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 81.0% | |
| Luminaire Power: | 17.37 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: BXRV-DR-1830G-1000-K-23 Ra:90
 LENS: PM-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具配光曲线及特征面照片

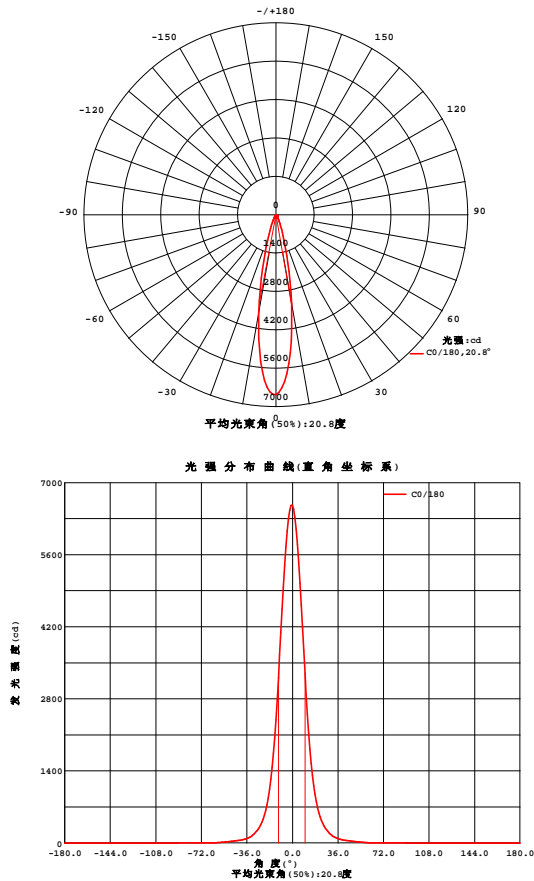


Fig. C0/C180

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

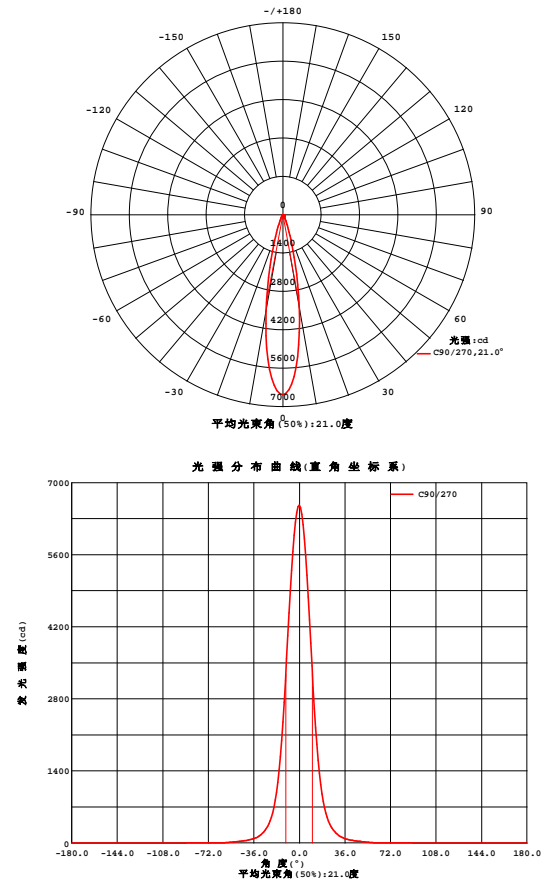


Fig. C90/C270

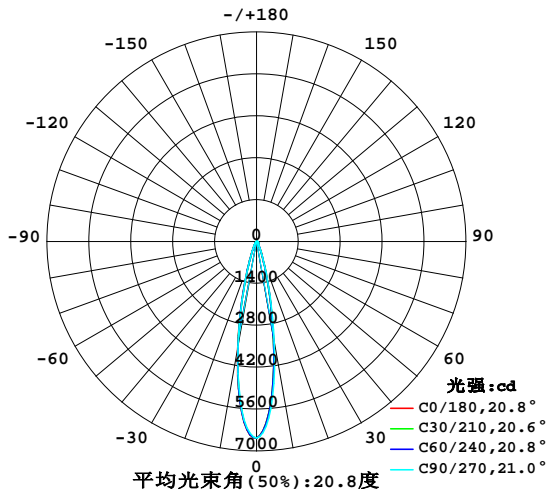
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRV-DR-1830G-1000-K-23 Ra: 90
LENS: PM-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

室内灯具光度数据

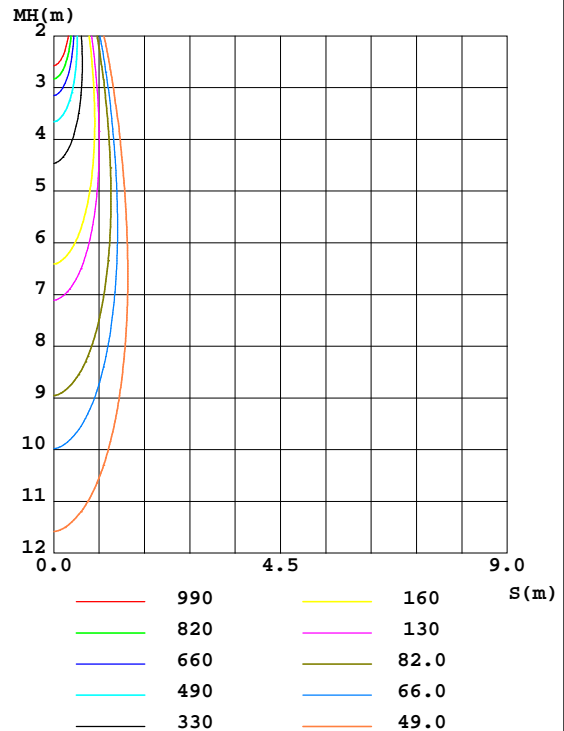
| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W PF:0.9932 Freq:59.98Hz 实检光通: 1493.63x1 lm | | |
| 灯具名称: 2118.192-LEA-15-DW | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 69.64 lm/W |
|-----------|-----------|----------|--------|------------------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 6564 | S/MH(C0/180) | 0.37 | |
| 标称功率(W) | 17 | 灯具效率(%) | 81.0 | S/MH(C90/270) | 0.37 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1209.5 | η UP,DN(C0-180) | 0.0,39.9 | |
| 额定光通量(lm) | 1493.63 | CIE分类 | 直接 | η UP,DN(C180-360) | 0.0,41.1 | |
| 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(%) | 81.0 | 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: BXRV-DR-1830G-1000-K-23 Ra:90
LENS: PM-1096 15R
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 | 3296 | 3268 | 3441 | 3611 | 3642 | 3606 | 3580 | 3462 | 0- 10 | 464.9 | 464.9 | 38.4, 31.1 |
| 20 | 683.0 | 643.0 | 680.3 | 752.3 | 742.7 | 700.7 | 693.9 | 715.0 | 10- 20 | 469.6 | 934.5 | 77.3, 62.6 |
| 30 | 173.3 | 163.0 | 168.4 | 180.1 | 179.0 | 168.6 | 167.5 | 175.3 | 20- 30 | 162.3 | 1097 | 90.7, 73.4 |
| 40 | 60.79 | 58.71 | 59.22 | 61.29 | 61.07 | 59.70 | 59.07 | 60.69 | 30- 40 | 63.41 | 1160 | 95.9, 77.7 |
| 50 | 27.53 | 26.26 | 24.86 | 26.84 | 26.87 | 25.80 | 24.83 | 26.84 | 40- 50 | 31.64 | 1192 | 98.5, 79.8 |
| 60 | 6.087 | 5.357 | 4.469 | 5.668 | 6.177 | 5.360 | 4.364 | 5.407 | 50- 60 | 13.33 | 1205 | 99.7, 80.7 |
| 70 | 1.620 | 1.498 | 1.381 | 1.539 | 1.640 | 1.498 | 1.381 | 1.470 | 60- 70 | 2.879 | 1208 | 99.9, 80.9 |
| 80 | 0.7086 | 0.5629 | 0.4816 | 0.5928 | 0.7457 | 0.5777 | 0.4927 | 0.5604 | 70- 80 | 1.096 | 1209 | 100, 81 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.2363 | 1209 | 100, 81 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1209 | 100, 81 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1209 | 100, 81 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1209 | 100, 81 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1209 | 100, 81 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1209 | 100, 81 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1209 | 100, 81 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1209 | 100, 81 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1209 | 100, 81 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1209 | 100, 81 |
| 单位: $^{\circ}$ | 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-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.06V I:0.1455A P:17.367W 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:

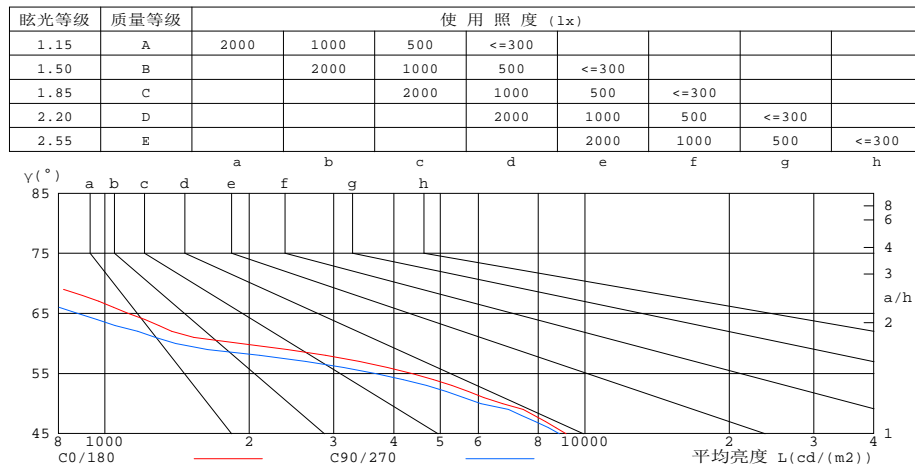
测试编号: 2307120891

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 | 483 | 213 |
| 80 | 643 | 436 |
| 75 | 713 | 568 |
| 70 | 746 | 634 |
| 65 | 1118 | 877 |
| 60 | 1918 | 1404 |
| 55 | 4369 | 3665 |
| 50 | 6747 | 6075 |
| 45 | 9143 | 8853 |

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

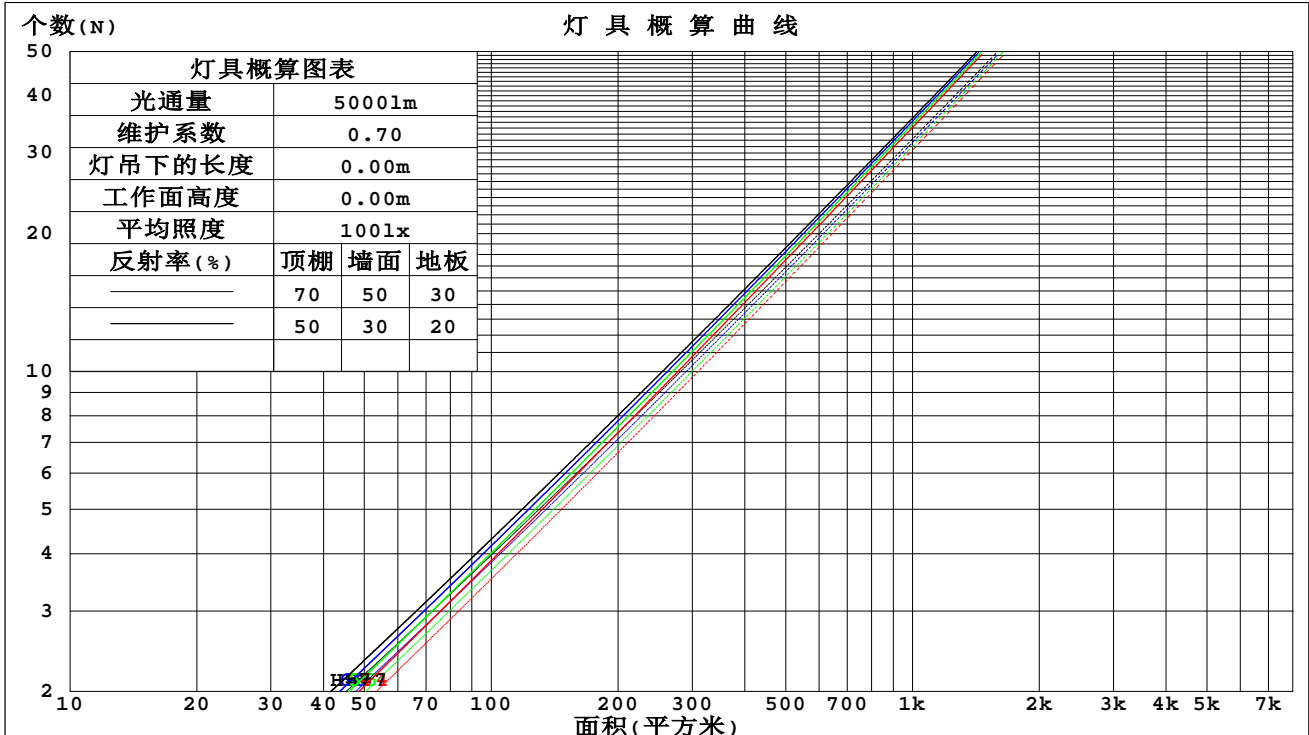
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRV-DR-1830G-1000-K-23 Ra:90
LENS: PM-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 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 | .96 | .96 | .96 | .94 | .94 | .94 | .90 | .90 | .90 | .86 | .86 | .86 | .83 | .83 | .83 | .81 |
| 1.0 | .91 | .90 | .88 | .90 | .88 | .87 | .86 | .85 | .84 | .83 | .83 | .82 | .81 | .80 | .79 | .78 |
| 2.0 | .87 | .84 | .82 | .86 | .83 | .81 | .83 | .81 | .80 | .81 | .79 | .78 | .79 | .77 | .76 | .75 |
| 3.0 | .83 | .80 | .78 | .82 | .79 | .77 | .80 | .78 | .76 | .78 | .76 | .75 | .76 | .75 | .74 | .73 |
| 4.0 | .80 | .76 | .74 | .79 | .76 | .73 | .77 | .75 | .73 | .76 | .74 | .72 | .74 | .73 | .71 | .70 |
| 5.0 | .77 | .73 | .71 | .76 | .73 | .70 | .75 | .72 | .70 | .73 | .71 | .69 | .72 | .70 | .69 | .68 |
| 6.0 | .74 | .71 | .68 | .73 | .70 | .68 | .72 | .69 | .67 | .71 | .69 | .67 | .70 | .68 | .67 | .66 |
| 7.0 | .72 | .68 | .66 | .71 | .68 | .66 | .70 | .67 | .65 | .69 | .67 | .65 | .69 | .66 | .65 | .64 |
| 8.0 | .69 | .66 | .64 | .69 | .66 | .63 | .68 | .65 | .63 | .67 | .65 | .63 | .67 | .65 | .63 | .62 |
| 9.0 | .67 | .64 | .62 | .67 | .64 | .62 | .66 | .63 | .61 | .66 | .63 | .61 | .65 | .63 | .61 | .60 |
| 10.0 | .65 | .62 | .60 | .65 | .62 | .60 | .65 | .62 | .60 | .64 | .62 | .60 | .64 | .61 | .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: 2023-7-12

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-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

墙面和天花板利用系数

| | | | | | |
|--|--|--|-------------------|--|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 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 | .113 | .064 | .020 | .108 | .062 | .020 | .098 | .056 | .018 | .089 | .051 | .016 | .080 | .046 | .015 | |
| 2.0 | .105 | .058 | .018 | .101 | .056 | .017 | .093 | .052 | .016 | .085 | .048 | .015 | .078 | .044 | .014 | |
| 3.0 | .098 | .052 | .016 | .095 | .051 | .015 | .088 | .048 | .014 | .081 | .045 | .014 | .075 | .042 | .013 | |
| 4.0 | .092 | .048 | .014 | .089 | .047 | .014 | .083 | .044 | .013 | .078 | .042 | .013 | .073 | .040 | .012 | |
| 5.0 | .087 | .044 | .013 | .084 | .043 | .013 | .079 | .041 | .012 | .075 | .039 | .012 | .070 | .038 | .011 | |
| 6.0 | .082 | .041 | .012 | .080 | .040 | .012 | .075 | .039 | .011 | .071 | .037 | .011 | .068 | .036 | .011 | |
| 7.0 | .078 | .038 | .011 | .076 | .038 | .011 | .072 | .036 | .010 | .069 | .035 | .010 | .065 | .034 | .010 | |
| 8.0 | .074 | .036 | .010 | .072 | .036 | .010 | .069 | .034 | .010 | .066 | .033 | .010 | .063 | .032 | .009 | |
| 9.0 | .071 | .034 | .010 | .069 | .034 | .009 | .066 | .033 | .009 | .063 | .032 | .009 | .061 | .031 | .009 | |
| 10.0 | .067 | .032 | .009 | .066 | .032 | .009 | .064 | .031 | .009 | .061 | .030 | .009 | .059 | .030 | .008 | |

| 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 | .154 | .154 | .154 | .132 | .132 | .132 | .090 | .090 | .090 | .052 | .052 | .052 | .017 | .017 | .017 | |
| 1.0 | .136 | .128 | .120 | .117 | .110 | .103 | .080 | .075 | .071 | .046 | .044 | .041 | .015 | .014 | .013 | |
| 2.0 | .122 | .107 | .095 | .105 | .092 | .082 | .072 | .064 | .057 | .041 | .037 | .034 | .013 | .012 | .011 | |
| 3.0 | .110 | .092 | .077 | .094 | .079 | .067 | .065 | .055 | .047 | .037 | .032 | .028 | .012 | .010 | .009 | |
| 4.0 | .100 | .079 | .064 | .086 | .069 | .055 | .059 | .048 | .039 | .034 | .028 | .023 | .011 | .009 | .008 | |
| 5.0 | .092 | .069 | .053 | .079 | .060 | .046 | .054 | .042 | .033 | .031 | .025 | .019 | .010 | .008 | .006 | |
| 6.0 | .084 | .061 | .045 | .073 | .053 | .039 | .050 | .037 | .028 | .029 | .022 | .016 | .009 | .007 | .005 | |
| 7.0 | .078 | .055 | .038 | .067 | .047 | .033 | .046 | .033 | .024 | .027 | .020 | .014 | .009 | .006 | .005 | |
| 8.0 | .073 | .049 | .033 | .063 | .043 | .029 | .043 | .030 | .020 | .025 | .018 | .012 | .008 | .006 | .004 | |
| 9.0 | .068 | .045 | .029 | .059 | .039 | .025 | .041 | .027 | .018 | .024 | .016 | .011 | .008 | .005 | .004 | |
| 10.0 | .064 | .041 | .025 | .055 | .035 | .022 | .038 | .025 | .016 | .022 | .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: 2023-7-12

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-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | |
|--|-----|----------------------|------|------|-------------------|------|--------------------|------------------|-----|------|------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 | | | |
| 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 | 9.9 | 10.6 | 10.1 | 10.7 | 10.9 | 9.6 | 10.3 | 9.8 | 10.4 | 10.6 |
| | 3H | 9.8 | 10.5 | 10.1 | 10.6 | 10.8 | 9.5 | 10.1 | 9.7 | 10.3 | 10.5 |
| | 4H | 9.8 | 10.4 | 10.0 | 10.6 | 10.8 | 9.4 | 10.0 | 9.7 | 10.2 | 10.4 |
| | 6H | 9.7 | 10.3 | 10.0 | 10.5 | 10.7 | 9.4 | 9.9 | 9.6 | 10.2 | 10.4 |
| | 8H | 9.7 | 10.2 | 10.0 | 10.5 | 10.7 | 9.3 | 9.9 | 9.6 | 10.1 | 10.4 |
| | 12H | 9.6 | 10.2 | 9.9 | 10.4 | 10.7 | 9.3 | 9.8 | 9.6 | 10.1 | 10.3 |
| 4H | 2H | 9.8 | 10.4 | 10.0 | 10.6 | 10.8 | 9.5 | 10.1 | 9.7 | 10.3 | 10.5 |
| | 3H | 9.7 | 10.2 | 10.0 | 10.5 | 10.7 | 9.4 | 9.9 | 9.7 | 10.1 | 10.4 |
| | 4H | 9.6 | 10.1 | 10.0 | 10.4 | 10.7 | 9.3 | 9.8 | 9.6 | 10.1 | 10.4 |
| | 6H | 9.6 | 10.0 | 9.9 | 10.3 | 10.7 | 9.2 | 9.6 | 9.6 | 10.0 | 10.3 |
| | 8H | 9.5 | 9.9 | 9.9 | 10.3 | 10.6 | 9.2 | 9.6 | 9.6 | 9.9 | 10.3 |
| | 12H | 9.5 | 9.8 | 9.9 | 10.2 | 10.6 | 9.1 | 9.5 | 9.5 | 9.8 | 10.2 |
| 8H | 4H | 9.5 | 9.9 | 9.9 | 10.2 | 10.6 | 9.2 | 9.6 | 9.5 | 9.9 | 10.3 |
| | 6H | 9.4 | 9.8 | 9.9 | 10.1 | 10.6 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| | 8H | 9.4 | 9.7 | 9.8 | 10.1 | 10.5 | 9.0 | 9.3 | 9.5 | 9.7 | 10.2 |
| | 12H | 9.3 | 9.6 | 9.8 | 10.0 | 10.5 | 9.0 | 9.2 | 9.4 | 9.7 | 10.1 |
| 12H | 4H | 9.4 | 9.8 | 9.8 | 10.2 | 10.6 | 9.1 | 9.5 | 9.5 | 9.8 | 10.2 |
| | 6H | 9.4 | 9.7 | 9.8 | 10.1 | 10.5 | 9.0 | 9.3 | 9.5 | 9.7 | 10.2 |
| | 8H | 9.3 | 9.6 | 9.8 | 10.0 | 10.5 | 9.0 | 9.2 | 9.4 | 9.7 | 10.1 |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 2.1 / - 4.0 | | | | | + 2.2 / - 5.0 | | | | |
| 1.5H | | + 2.5 / - 2.5 | | | | | + 2.5 / - 3.2 | | | | |
| 2.0H | | + 3.8 / - 6.4 | | | | | + 4.2 / - 6.9 | | | | |

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-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

UF利用系数表

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

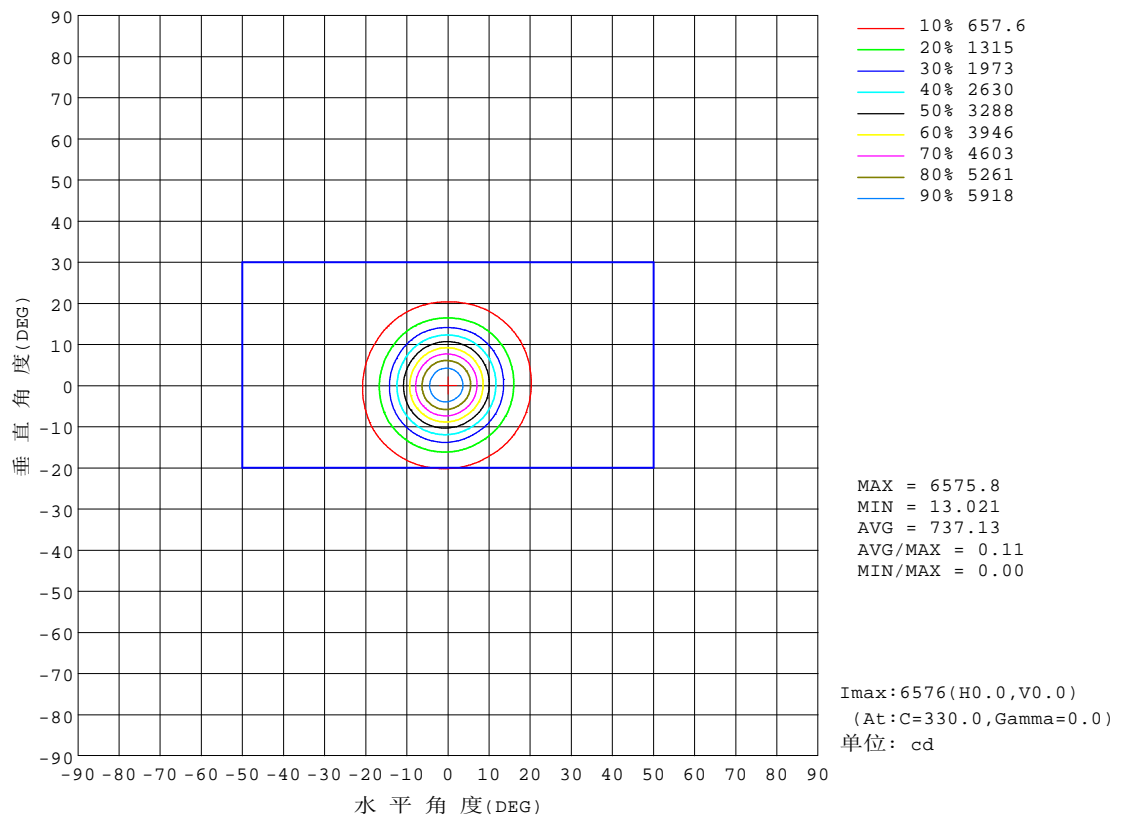
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 72 | 67 | 64 | 72 | 67 | 64 | 71 | 67 | 64 | 61 |
| 0.80 | 78 | 73 | 71 | 77 | 73 | 70 | 76 | 73 | 70 | 67 |
| 1.00 | 81 | 77 | 74 | 81 | 77 | 74 | 79 | 76 | 74 | 71 |
| 1.25 | 84 | 80 | 78 | 84 | 80 | 77 | 82 | 79 | 77 | 74 |
| 1.50 | 86 | 83 | 80 | 85 | 82 | 80 | 84 | 81 | 79 | 76 |
| 2.00 | 88 | 85 | 83 | 87 | 84 | 82 | 85 | 83 | 81 | 77 |
| 2.50 | 90 | 87 | 84 | 88 | 86 | 84 | 86 | 84 | 82 | 78 |
| 3.00 | 91 | 88 | 86 | 89 | 87 | 85 | 87 | 85 | 83 | 78 |
| 4.00 | 92 | 90 | 89 | 91 | 89 | 87 | 88 | 86 | 85 | 80 |
| 5.00 | 93 | 92 | 90 | 92 | 90 | 89 | 89 | 87 | 86 | 80 |
| 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

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-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

灯具等光强曲线

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 遮光角: |

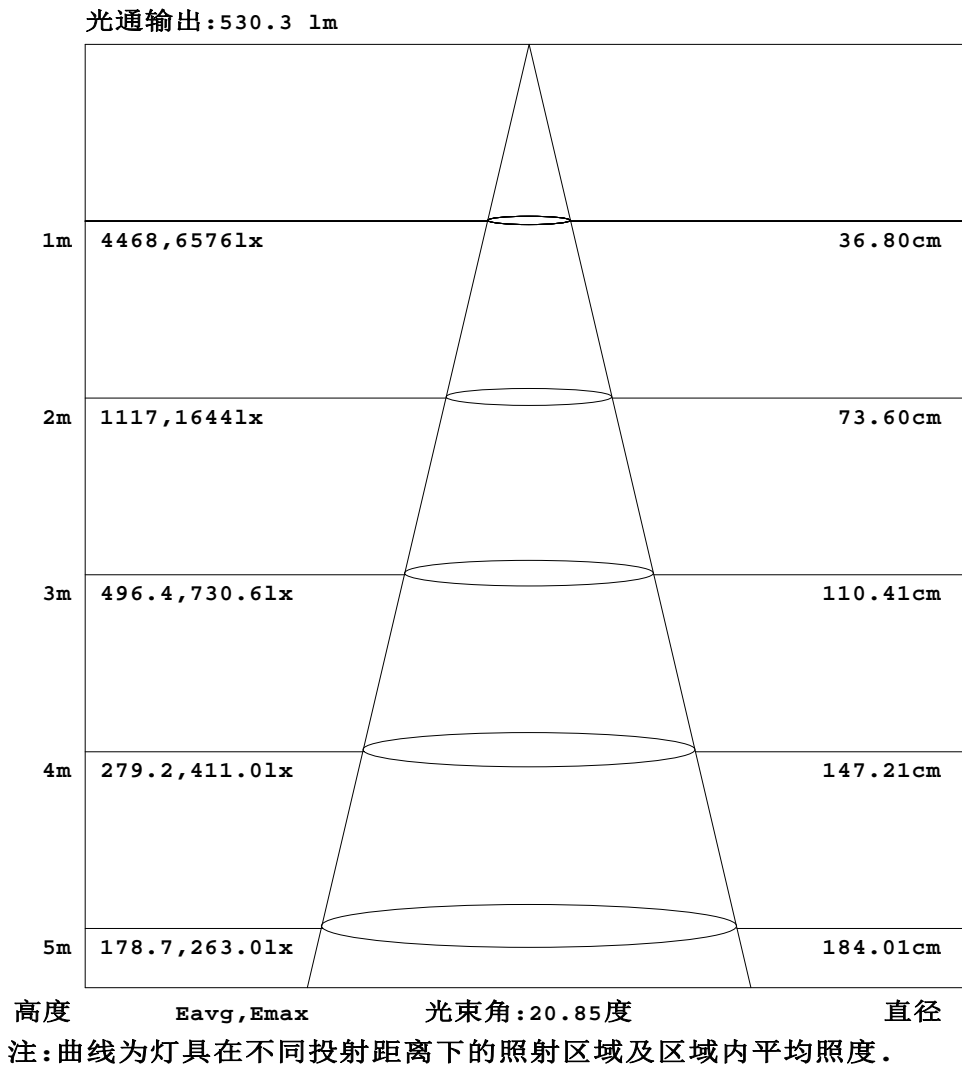


C角度范围: 0度 - 360度
C角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2023-7-12

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-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

灯具有效平均照度图

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m ² | 遮光角: |

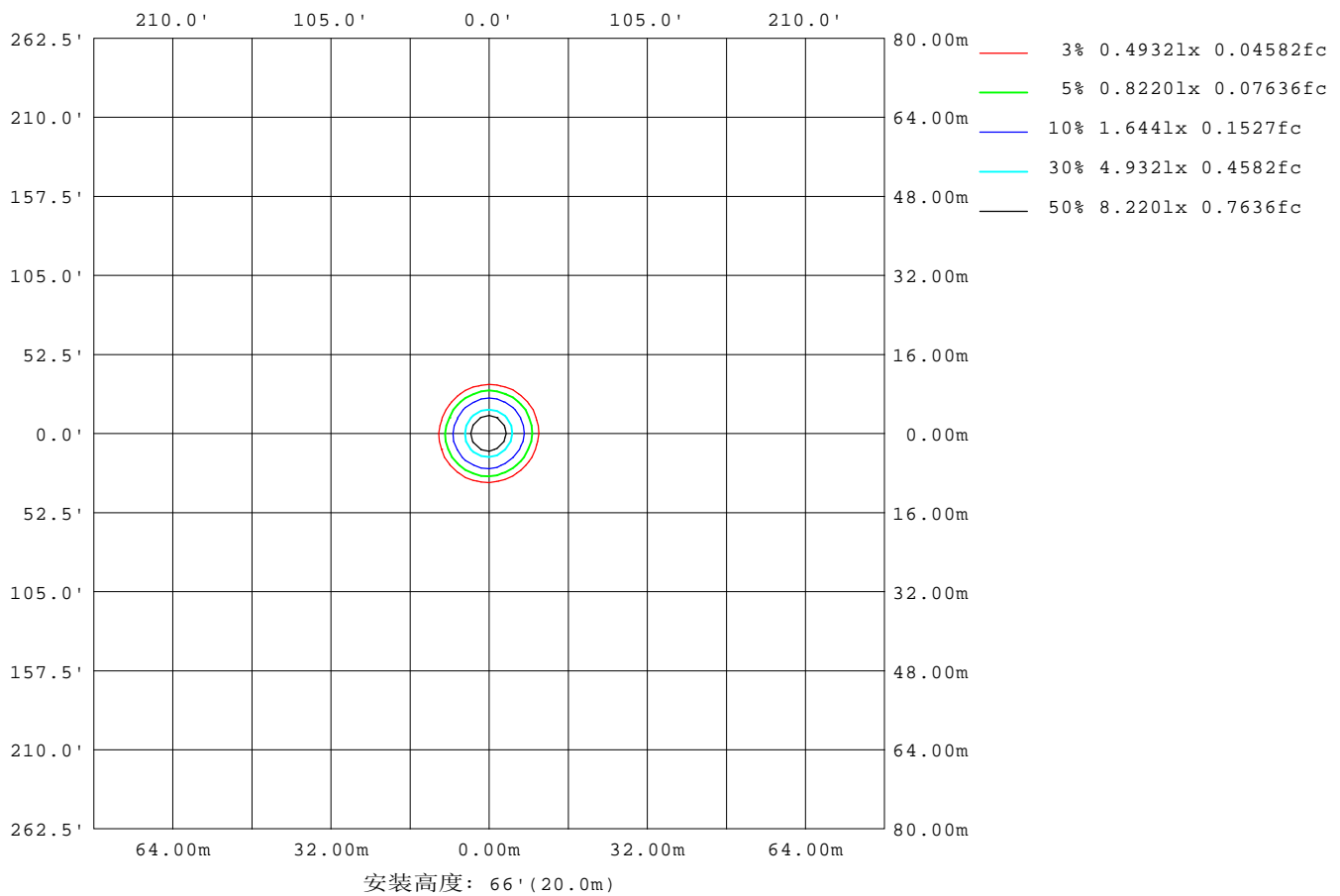


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2023-7-12

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-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up

平面等照度曲线

| | | |
|--|-------------------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 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-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up

LED筒灯平均亮度报告

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 遮光角: |

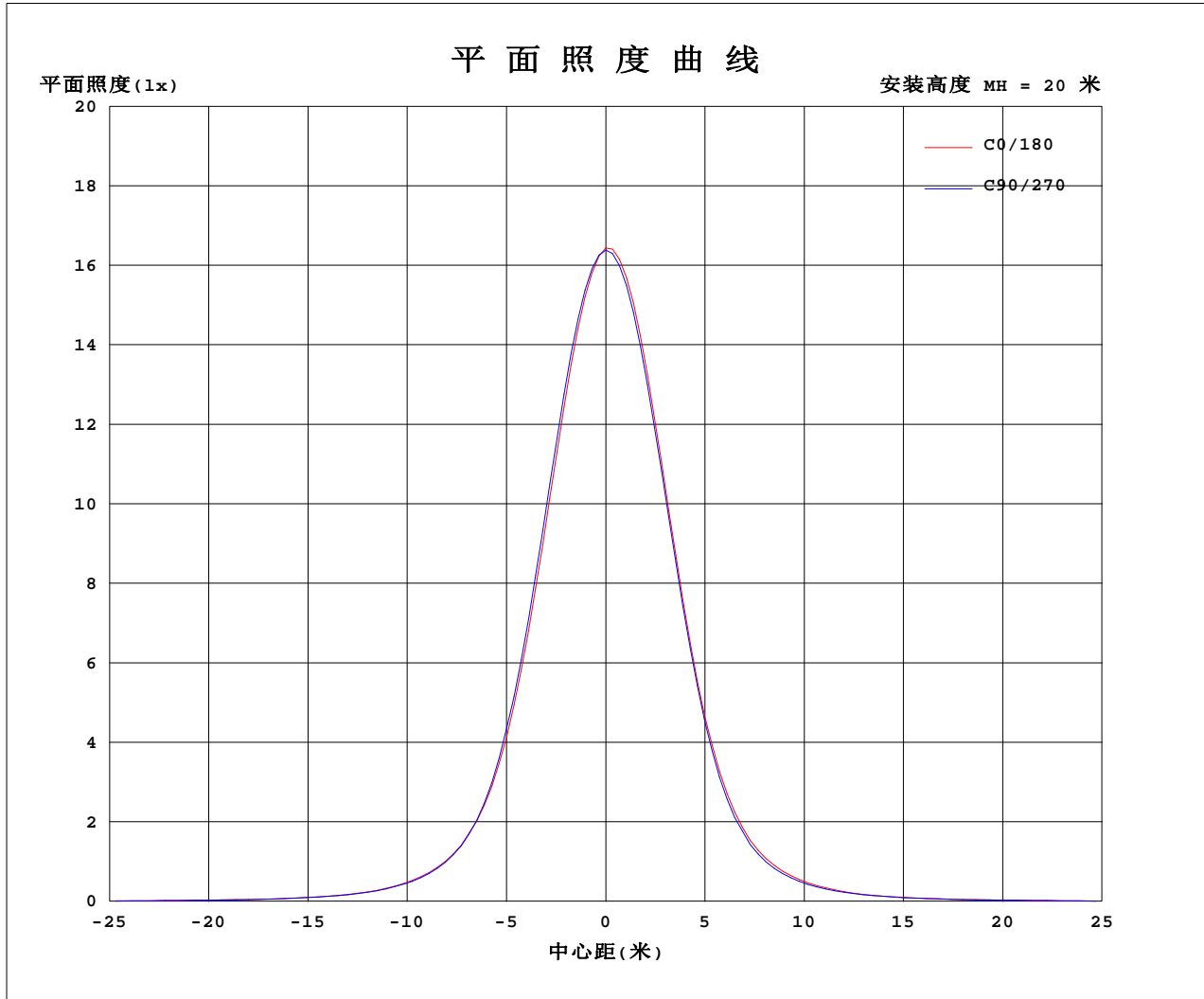
| 平均亮度 | 数值(cd/m2) |
|-----------|-----------|
| L横(65)av | 1119 |
| L横(75)av | 714 |
| L横(85)av | 529 |
| L纵(65)av | 888 |
| L纵(75)av | 574 |
| L纵(85)av | 210 |
| L45(65)av | 1042 |
| L45(75)av | 637 |
| L45(85)av | 287 |

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

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-1096 15R
 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: BXRV-DR-1830G-1000-K-23 Ra: 90
 LENS: PM-1096 15R
 DRIVER: PUP20A-1WMC 450mA
 30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|--|-------------------|------------------|
| 实测参数: U:120.06V I:0.1455A P:17.367W 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: 2307120891 |
| 制造厂商: RISE | 发光口面: 0.0063585m2 | 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 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | 6564 | | | | | | | |
| 5 | 5451 | 5455 | 5473 | 5581 | 5685 | 5743 | 5745 | 5714 | 5730 | 5660 | 5590 | 5505 | | | | | | | |
| 10 | 3296 | 3259 | 3278 | 3441 | 3574 | 3648 | 3642 | 3591 | 3620 | 3580 | 3521 | 3403 | | | | | | | |
| 15 | 1546 | 1509 | 1494 | 1609 | 1713 | 1789 | 1742 | 1682 | 1716 | 1683 | 1682 | 1619 | | | | | | | |
| 20 | 683 | 649 | 637 | 680 | 734 | 771 | 743 | 699 | 703 | 694 | 716 | 714 | | | | | | | |
| 25 | 333 | 315 | 308 | 323 | 343 | 362 | 350 | 325 | 325 | 322 | 336 | 343 | | | | | | | |
| 30 | 173 | 165 | 161 | 168 | 175 | 185 | 179 | 168 | 169 | 167 | 173 | 177 | | | | | | | |
| 35 | 97.4 | 94.2 | 92.3 | 95.3 | 97.5 | 102 | 98.8 | 95.2 | 96.8 | 94.8 | 96.7 | 98.8 | | | | | | | |
| 40 | 60.8 | 59.3 | 58.2 | 59.2 | 60.4 | 62.2 | 61.1 | 59.5 | 59.9 | 59.1 | 60.1 | 61.3 | | | | | | | |
| 45 | 41.0 | 40.1 | 39.5 | 39.8 | 40.4 | 41.2 | 40.4 | 39.6 | 39.8 | 39.5 | 40.3 | 41.1 | | | | | | | |
| 50 | 27.5 | 27.2 | 25.3 | 24.9 | 26.1 | 27.6 | 26.9 | 26.1 | 25.5 | 24.8 | 26.4 | 27.3 | | | | | | | |
| 55 | 15.9 | 15.6 | 13.8 | 13.4 | 14.6 | 16.2 | 15.7 | 15.3 | 13.9 | 13.1 | 14.8 | 15.9 | | | | | | | |
| 60 | 6.09 | 6.05 | 4.66 | 4.47 | 4.91 | 6.43 | 6.18 | 6.05 | 4.67 | 4.36 | 4.86 | 5.96 | | | | | | | |
| 65 | 3.00 | 2.97 | 2.57 | 2.36 | 2.70 | 3.06 | 3.01 | 2.94 | 2.59 | 2.41 | 2.59 | 2.91 | | | | | | | |
| 70 | 1.62 | 1.59 | 1.40 | 1.38 | 1.42 | 1.65 | 1.64 | 1.60 | 1.39 | 1.38 | 1.39 | 1.55 | | | | | | | |
| 75 | 1.17 | 1.10 | 0.99 | 0.94 | 1.02 | 1.12 | 1.18 | 1.09 | 1.01 | 0.95 | 0.99 | 1.08 | | | | | | | |
| 80 | 0.71 | 0.62 | 0.50 | 0.48 | 0.53 | 0.65 | 0.75 | 0.63 | 0.53 | 0.49 | 0.51 | 0.61 | | | | | | | |
| 85 | 0.27 | 0.19 | 0.12 | 0.12 | 0.13 | 0.23 | 0.32 | 0.21 | 0.13 | 0.11 | 0.12 | 0.19 | | | | | | | |
| 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: 2023-7-12

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-1096 15R
DRIVER: PUP20A-1WMC 450mA
30minutes warm-up