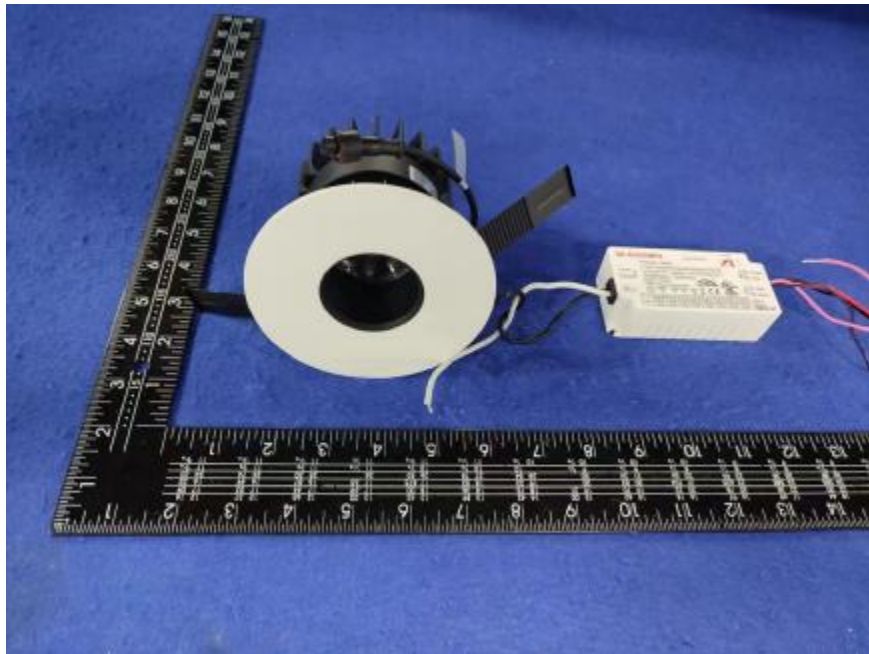


燈具實物照片



| | | |
|---------------------|-------|--------------------------|
| Light Output Ratio: | 75.3% | |
| Luminaire Power: | 21 W | |
| SHR Nominal: | 0.75 | Calculated using the TM5 |
| SHR Maximum: | 0.80 | 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: 2024-7-23

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-1083C 50R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

灯具配光曲线及特征面照片

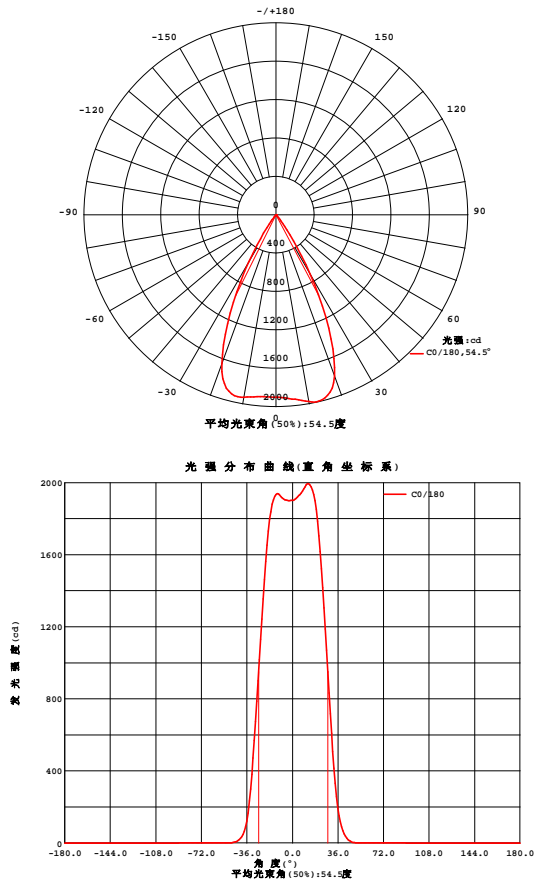


Fig. C0/C180

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: 2024-7-23

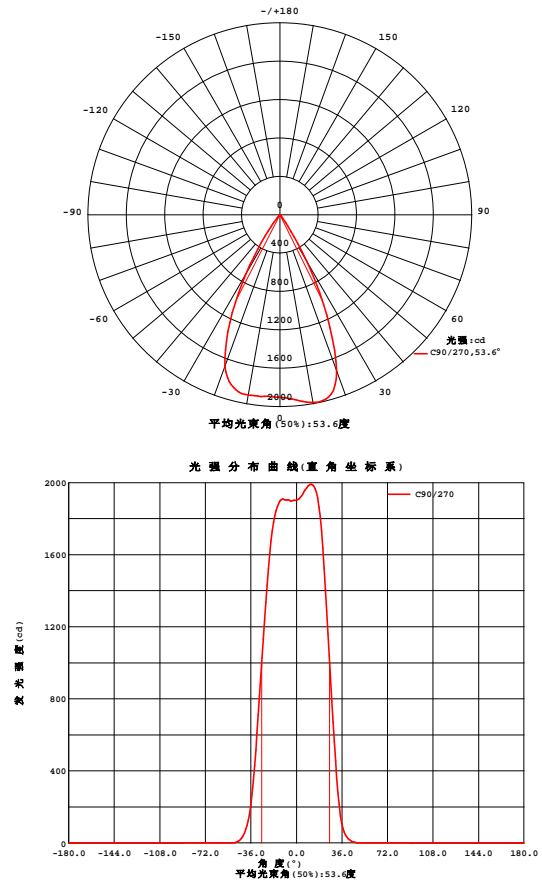


Fig. C90/C270

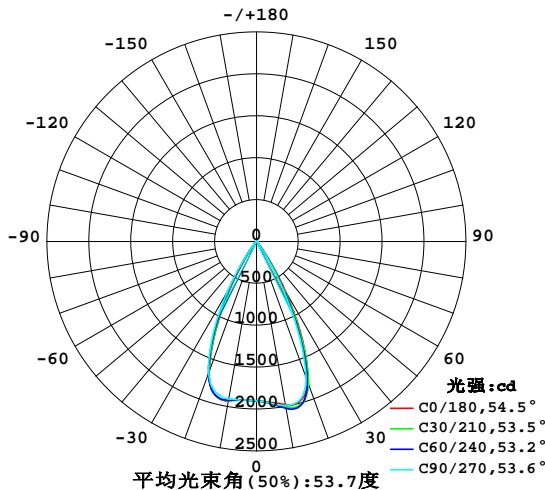
Y角度范围: 0度 - 180度
Y角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

室内灯具光度数据

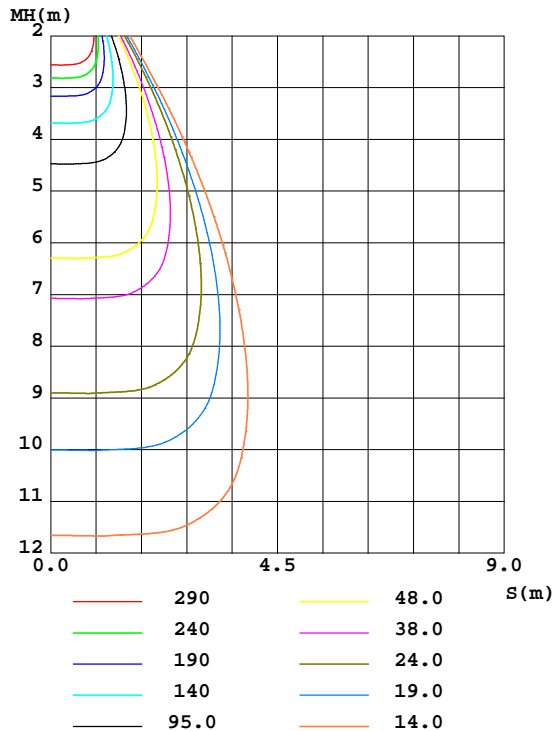
| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m ² | 遮光角: |

| 光源数据 | | 光度数据 | | | | 光效: 68.01 lm/W |
|-----------|-----------|----------|--------|-----------------|----------|----------------|
| 型号 | Bridgelux | 峰值光强(cd) | 2046 | S/MH(C0/180) | 0.78 | |
| 标称功率(W) | 20 | 灯具效率(%) | 75.3 | S/MH(C90/270) | 0.81 | |
| 额定电源电压(V) | 120 | 总光通量(lm) | 1428.1 | UP,DN(C0-180) | 0.0,37.2 | |
| 额定光通量(lm) | 1897.7 | CIE分类 | 直接 | UP,DN(C180-360) | 0.0,38.0 | |
| 灯具内光源数(只) | 1 | 上射光通比(%) | 0.0 | CIBSE SHR NOM | 0.75 | |
| 实测电源电压(V) | 120 | 下射光通比(%) | 75.3 | CIBSE SHR MAX | 0.80 | |

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: 2024-7-23

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-1083C 50R
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 | 1976 | 2012 | 1985 | 1966 | 1931 | 1926 | 1907 | 1941 | 0- 10 | 184.4 | 184.4 | 12.9, 9.71 |
| 20 | 1786 | 1796 | 1733 | 1650 | 1652 | 1673 | 1677 | 1752 | 10- 20 | 537.1 | 721.5 | 50.5, 38 |
| 30 | 717.1 | 641.4 | 560.4 | 517.7 | 568.5 | 647.1 | 712.0 | 742.5 | 20- 30 | 538.2 | 1260 | 88.2, 66.4 |
| 40 | 68.35 | 47.14 | 32.16 | 27.50 | 34.71 | 55.54 | 75.23 | 78.49 | 30- 40 | 156.7 | 1416 | 99.2, 74.6 |
| 50 | 1.327 | 1.082 | 0.9067 | 1.162 | 0.8594 | 0.9885 | 1.102 | 1.085 | 40- 50 | 11.16 | 1428 | 100, 75.2 |
| 60 | 0.1908 | 0.1735 | 0.1625 | 0.1613 | 0.1696 | 0.1736 | 0.1811 | 0.1753 | 50- 60 | 0.3394 | 1428 | 100, 75.2 |
| 70 | 0.0893 | 0.0800 | 0.0741 | 0.0737 | 0.0874 | 0.0791 | 0.0826 | 0.0783 | 60- 70 | 0.1151 | 1428 | 100, 75.2 |
| 80 | 0.0623 | 0.0397 | 0.0391 | 0.0368 | 0.0571 | 0.0400 | 0.0423 | 0.0387 | 70- 80 | 0.0638 | 1428 | 100, 75.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0262 | 1428 | 100, 75.3 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 1428 | 100, 75.3 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 1428 | 100, 75.3 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 1428 | 100, 75.3 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 1428 | 100, 75.3 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 1428 | 100, 75.3 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 1428 | 100, 75.3 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 1428 | 100, 75.3 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 1428 | 100, 75.3 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 1428 | 100, 75.3 |
| 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: 2024-7-23

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-1083C 50R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

灯具亮度限制曲线

实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz
实检光通: 1897.7x1 lm

灯具名称: 2318.166-LEA-15

灯具类型:

灯具重量:

灯具规格: 3000K

外型尺寸:

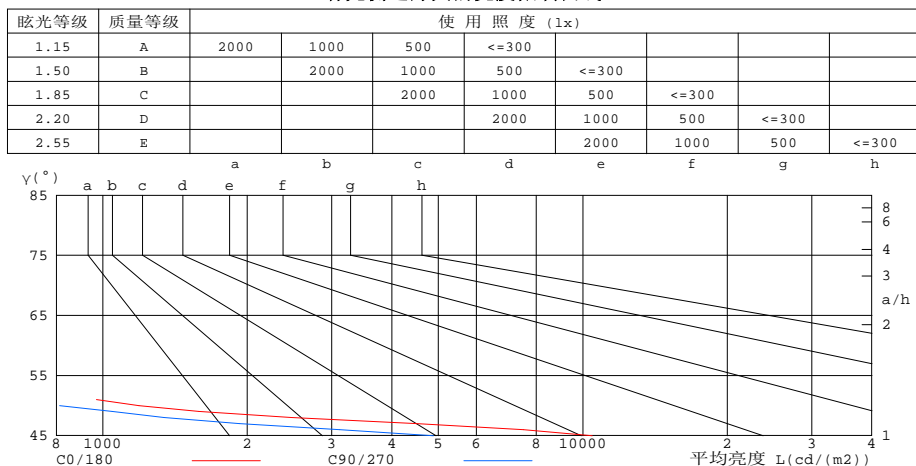
测试编号: 2407230938

制造厂商: RISE

发光口面: 0.001734065m²

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 | 316 | 154 |
| 80 | 207 | 130 |
| 75 | 163 | 127 |
| 70 | 151 | 125 |
| 65 | 164 | 139 |
| 60 | 220 | 187 |
| 55 | 361 | 281 |
| 50 | 1190 | 813 |
| 45 | 10460 | 4888 |

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: 2024-7-23

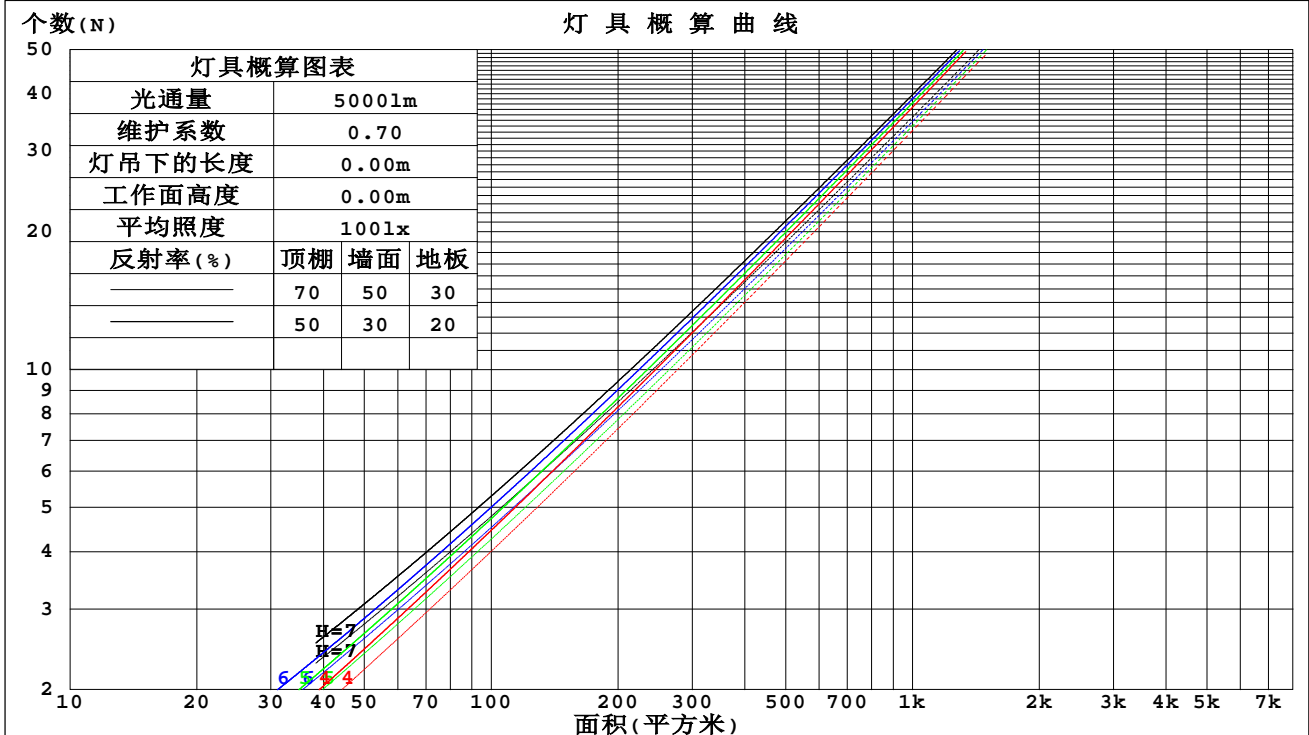
γ角度范围: 0度 - 180度
γ角度间隔: 1.0度
测试系统: 远方(EVERFINE)GO-SPEX500_V1系统 V2.00.461
环境湿度: 65.0%
测试距离: 3.160米 [K=1.0000]
备注: LAMP: BXRE-30G1000-A-83 Ra: 90
LENS: PM-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

工作面利用系数和灯具概算曲线

实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz
实检光通: 1897.7x1 lm

| | | |
|-----------------------|---------------------------------|------------------|
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m 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 | .90 | .90 | .90 | .88 | .88 | .88 | .84 | .84 | .84 | .80 | .80 | .80 | .77 | .77 | .77 | .75 |
| 1.0 | .84 | .82 | .81 | .82 | .81 | .80 | .79 | .78 | .77 | .77 | .76 | .75 | .74 | .73 | .73 | .71 |
| 2.0 | .79 | .76 | .74 | .78 | .75 | .73 | .75 | .73 | .72 | .73 | .71 | .70 | .71 | .70 | .69 | .67 |
| 3.0 | .74 | .71 | .69 | .73 | .70 | .68 | .72 | .69 | .67 | .70 | .68 | .66 | .68 | .66 | .65 | .64 |
| 4.0 | .70 | .67 | .64 | .70 | .66 | .63 | .68 | .65 | .63 | .67 | .64 | .62 | .65 | .63 | .61 | .60 |
| 5.0 | .67 | .63 | .60 | .66 | .62 | .60 | .65 | .61 | .59 | .63 | .61 | .59 | .62 | .60 | .58 | .57 |
| 6.0 | .63 | .59 | .56 | .63 | .59 | .56 | .62 | .58 | .56 | .61 | .58 | .55 | .60 | .57 | .55 | .54 |
| 7.0 | .60 | .56 | .53 | .60 | .56 | .53 | .59 | .55 | .53 | .58 | .55 | .53 | .57 | .54 | .52 | .51 |
| 8.0 | .57 | .53 | .50 | .57 | .53 | .50 | .56 | .52 | .50 | .55 | .52 | .50 | .54 | .52 | .50 | .49 |
| 9.0 | .54 | .50 | .48 | .54 | .50 | .48 | .53 | .50 | .48 | .53 | .50 | .47 | .52 | .49 | .47 | .46 |
| 10.0 | .52 | .48 | .45 | .52 | .48 | .45 | .51 | .48 | .45 | .50 | .47 | .45 | .50 | .47 | .45 | .44 |



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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

墙面和天花板利用系数

| | | | | | |
|---|--|--|---------------------------------|--|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | | | | |
| 灯具名称: 2318.166-LEA-15 | | | 灯具类型: | | 灯具重量: |
| 灯具规格: 3000K | | | 外型尺寸: | | 测试编号: 2407230938 |
| 制造厂商: RISE | | | 发光口面: 0.001734065m ² | | 遮光角: |

| | | | | | | | | | | | | | | | | |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 顶棚 | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| 墙面 | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| 地板 | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| 室空间比 | 墙 壁 面 利 用 系 数 | | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .121 | .069 | .022 | .116 | .066 | .021 | .107 | .061 | .020 | .098 | .057 | .018 | .090 | .052 | .017 | |
| 2.0 | .115 | .063 | .019 | .111 | .061 | .019 | .103 | .057 | .018 | .095 | .054 | .017 | .089 | .050 | .016 | |
| 3.0 | .109 | .058 | .017 | .105 | .056 | .017 | .099 | .053 | .016 | .092 | .051 | .016 | .087 | .048 | .015 | |
| 4.0 | .103 | .054 | .016 | .100 | .053 | .016 | .095 | .050 | .015 | .089 | .048 | .014 | .084 | .046 | .014 | |
| 5.0 | .099 | .050 | .015 | .096 | .049 | .014 | .091 | .047 | .014 | .086 | .046 | .014 | .082 | .044 | .013 | |
| 6.0 | .094 | .047 | .014 | .092 | .046 | .013 | .088 | .045 | .013 | .084 | .043 | .013 | .080 | .042 | .012 | |
| 7.0 | .090 | .045 | .013 | .088 | .044 | .013 | .084 | .043 | .012 | .081 | .041 | .012 | .078 | .040 | .012 | |
| 8.0 | .087 | .042 | .012 | .085 | .042 | .012 | .081 | .041 | .012 | .078 | .040 | .011 | .075 | .039 | .011 | |
| 9.0 | .083 | .040 | .011 | .082 | .040 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .011 | |
| 10.0 | .080 | .038 | .011 | .079 | .038 | .011 | .076 | .037 | .010 | .073 | .036 | .010 | .071 | .036 | .010 | |

| | | | | | | | | | | | | | | | | |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .143 | .143 | .143 | .123 | .123 | .123 | .084 | .084 | .084 | .048 | .048 | .048 | .015 | .015 | .015 | |
| 1.0 | .128 | .118 | .110 | .109 | .102 | .095 | .075 | .070 | .065 | .043 | .040 | .038 | .014 | .013 | .012 | |
| 2.0 | .116 | .100 | .086 | .099 | .086 | .075 | .068 | .059 | .052 | .039 | .035 | .031 | .013 | .011 | .010 | |
| 3.0 | .106 | .085 | .069 | .091 | .074 | .060 | .062 | .051 | .042 | .036 | .030 | .025 | .012 | .010 | .008 | |
| 4.0 | .097 | .074 | .056 | .083 | .064 | .049 | .057 | .045 | .035 | .033 | .026 | .020 | .011 | .009 | .007 | |
| 5.0 | .090 | .065 | .047 | .078 | .056 | .041 | .053 | .039 | .029 | .031 | .023 | .017 | .010 | .008 | .006 | |
| 6.0 | .085 | .058 | .039 | .073 | .050 | .034 | .050 | .035 | .024 | .029 | .021 | .014 | .009 | .007 | .005 | |
| 7.0 | .079 | .052 | .033 | .068 | .045 | .029 | .047 | .032 | .020 | .027 | .019 | .012 | .009 | .006 | .004 | |
| 8.0 | .075 | .047 | .028 | .065 | .041 | .025 | .045 | .029 | .018 | .026 | .017 | .010 | .008 | .006 | .003 | |
| 9.0 | .071 | .043 | .025 | .061 | .038 | .021 | .043 | .026 | .015 | .025 | .016 | .009 | .008 | .005 | .003 | |
| 10.0 | .068 | .040 | .022 | .059 | .035 | .019 | .041 | .024 | .013 | .024 | .014 | .008 | .008 | .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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UGR(Unified Glare Rating)数据表

| | | | | | | | | | | | | |
|---|-----|----------------------|------|------|---------------------|------|--------------------|------------------|------|------|------|------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | | | | | | | | | | | |
| 灯具名称: 2318.166-LEA-15 | | | | | 灯具类型: | | | 灯具重量: | | | | |
| 灯具规格: 3000K | | | | | 外型尺寸: | | | 测试编号: 2407230938 | | | | |
| 制造厂商: RISE | | | | | 发光口面: 0.001734065m2 | | | 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 | 17.4 | 18.2 | 17.6 | 18.4 | 18.5 | 15.3 | 16.1 | 15.5 | 16.3 | 16.4 | |
| | 3H | 17.2 | 18.0 | 17.5 | 18.2 | 18.4 | 15.1 | 15.9 | 15.4 | 16.1 | 16.3 | |
| | 4H | 17.1 | 17.9 | 17.4 | 18.1 | 18.3 | 15.0 | 15.8 | 15.3 | 16.0 | 16.2 | |
| | 6H | 17.0 | 17.7 | 17.3 | 18.0 | 18.2 | 14.9 | 15.6 | 15.2 | 15.9 | 16.1 | |
| | 8H | 17.0 | 17.7 | 17.3 | 17.9 | 18.2 | 14.9 | 15.5 | 15.2 | 15.8 | 16.1 | |
| | 12H | 17.0 | 17.6 | 17.3 | 17.9 | 18.1 | 14.8 | 15.5 | 15.2 | 15.7 | 16.0 | |
| | 4H | 2H | 17.1 | 17.9 | 17.4 | 18.1 | 18.3 | 15.0 | 15.8 | 15.3 | 16.0 | 16.2 |
| | 3H | 17.0 | 17.6 | 17.3 | 17.9 | 18.1 | 14.8 | 15.5 | 15.2 | 15.7 | 16.0 | |
| | 4H | 16.9 | 17.4 | 17.2 | 17.7 | 18.0 | 14.8 | 15.3 | 15.1 | 15.6 | 15.9 | |
| | 6H | 16.8 | 17.3 | 17.1 | 17.6 | 17.9 | 14.7 | 15.2 | 15.0 | 15.5 | 15.8 | |
| | 8H | 16.7 | 17.2 | 17.1 | 17.5 | 17.9 | 14.6 | 15.1 | 15.0 | 15.4 | 15.8 | |
| | 12H | 16.7 | 17.1 | 17.1 | 17.5 | 17.8 | 14.6 | 15.0 | 15.0 | 15.3 | 15.7 | |
| 8H | 4H | 16.7 | 17.2 | 17.1 | 17.5 | 17.9 | 14.6 | 15.1 | 15.0 | 15.4 | 15.8 | |
| | 6H | 16.6 | 17.0 | 17.0 | 17.4 | 17.8 | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 | |
| | 8H | 16.5 | 16.9 | 17.0 | 17.3 | 17.7 | 14.4 | 14.8 | 14.9 | 15.2 | 15.6 | |
| | 12H | 16.5 | 16.8 | 17.0 | 17.2 | 17.7 | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 | |
| 12H | 4H | 16.7 | 17.1 | 17.1 | 17.5 | 17.8 | 14.6 | 15.0 | 15.0 | 15.3 | 15.7 | |
| | 6H | 16.5 | 16.9 | 17.0 | 17.3 | 17.7 | 14.4 | 14.8 | 14.9 | 15.2 | 15.6 | |
| | 8H | 16.5 | 16.8 | 17.0 | 17.2 | 17.7 | 14.4 | 14.7 | 14.8 | 15.1 | 15.6 | |
| 不同间隔布灯时,观察者位置引起的UGR变化(CIE Pub.117): | | | | | | | | | | | | |
| S = 1.0H | | + 5.0 / -27.6 | | | | | + 4.4 / -25.3 | | | | | |
| 1.5H | | + 7.7 / -26.5 | | | | | + 7.2 / -23.9 | | | | | |
| 2.0H | | + 9.5 / -13.2 | | | | | + 8.9 / - 9.8 | | | | | |

依据CIE Pub.117计算, 1898lm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: 0.00173407 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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

UF利用系数表

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m ² | 遮光角: |

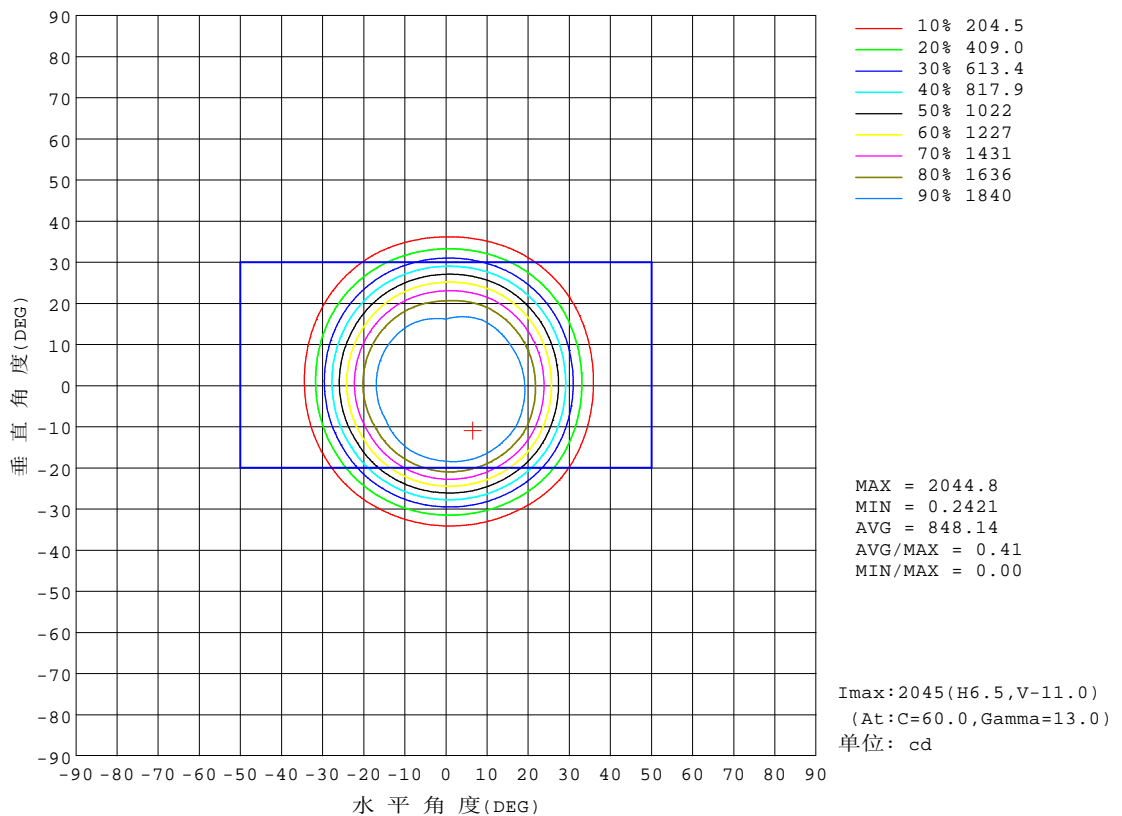
| 反 射 比 / REFLECTANCE | | | | | | | | | | |
|----------------------------|--|-----|-----|-----|-----|-----|---------------------|-----|-----|--------|
| 天花板 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| 墙壁 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| 工作面 | 0.2 | 0.2 | 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(%) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 69 | 64 | 62 | 68 | 64 | 62 | 68 | 64 | 62 | 59 |
| 0.80 | 74 | 70 | 67 | 73 | 70 | 67 | 72 | 69 | 67 | 65 |
| 1.00 | 77 | 73 | 70 | 76 | 73 | 70 | 75 | 72 | 70 | 67 |
| 1.25 | 79 | 76 | 73 | 78 | 75 | 73 | 77 | 74 | 73 | 70 |
| 1.50 | 81 | 78 | 76 | 80 | 77 | 75 | 79 | 76 | 74 | 71 |
| 2.00 | 83 | 80 | 78 | 82 | 79 | 77 | 80 | 78 | 76 | 72 |
| 2.50 | 84 | 81 | 79 | 83 | 80 | 79 | 80 | 79 | 77 | 73 |
| 3.00 | 85 | 83 | 81 | 83 | 81 | 80 | 81 | 79 | 78 | 74 |
| 4.00 | 86 | 84 | 83 | 85 | 83 | 82 | 82 | 81 | 80 | 75 |
| 5.00 | 87 | 86 | 84 | 86 | 84 | 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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

灯具等光强曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m ² | 遮光角: |



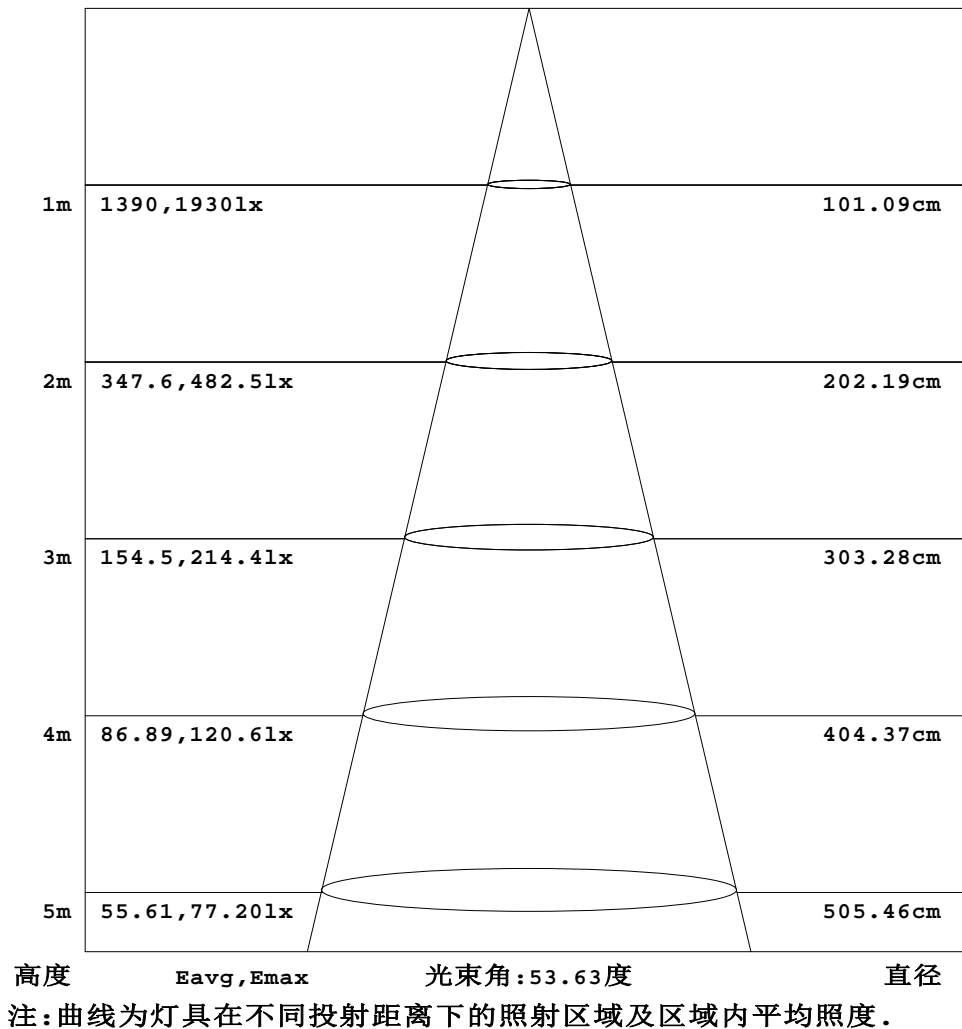
c角度范围: 0度 - 360度
c角度间隔: 30.0度
测试速度: 快速
环境温度: 25.3℃
测试人员: zoe
测试日期: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up

灯具有效平均照度图

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m ² | 遮光角: |

光通输出:1134 lm

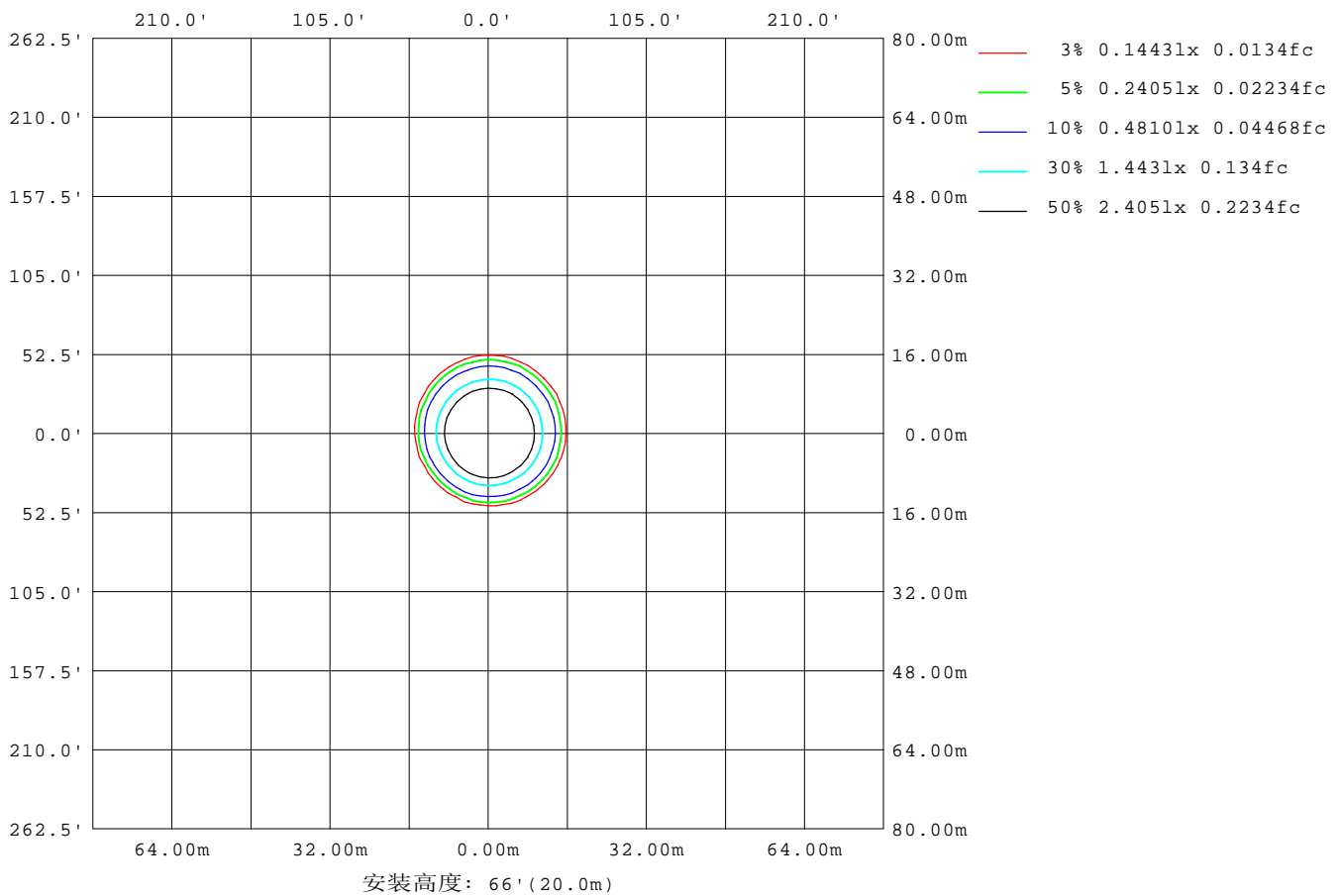


C角度范围: 0度 - 360度
 C角度间隔: 30.0度
 测试速度: 快速
 环境温度: 25.3℃
 测试人员: zoe
 测试日期: 2024-7-23

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-1083C 50R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

平面等照度曲线

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m 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: 2024-7-23

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-1083C 50R
 DRIVER: PUP20A-1WMC 500mA
 30minutes warm-up

LED筒灯平均亮度报告

| | | |
|---|---------------------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m ² | 遮光角: |

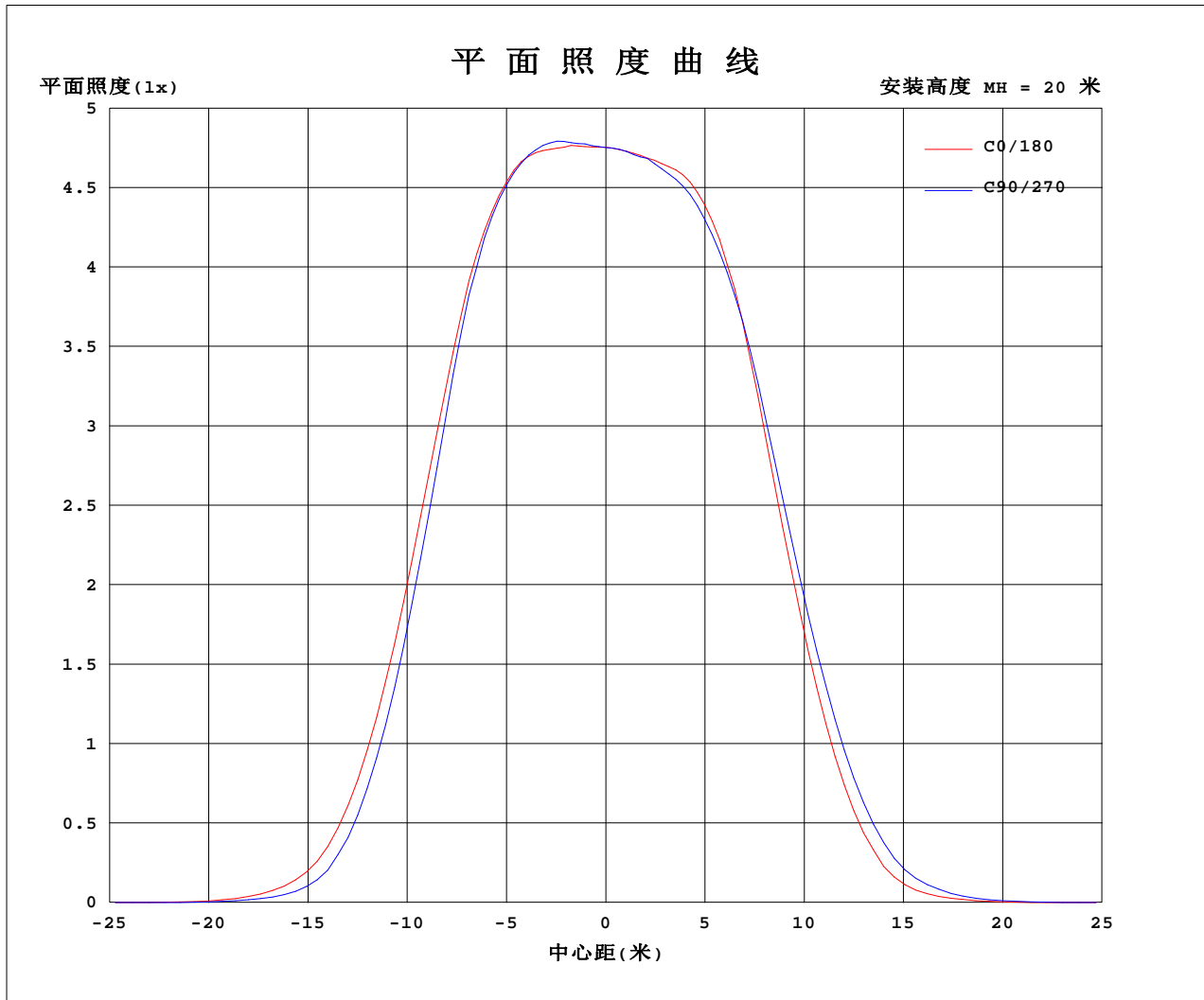
| 平均亮度 | 数值(cd/m ²) |
|-----------|------------------------|
| L横(65)av | 161 |
| L横(75)av | 161 |
| L横(85)av | 300 |
| L纵(65)av | 149 |
| L纵(75)av | 134 |
| L纵(85)av | 155 |
| L45(65)av | 150 |
| L45(75)av | 124 |
| L45(85)av | 87 |

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: 2024-7-23

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-1083C 50R
 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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up



光 强 分 布 数 据 表 格

| | | |
|---|---------------------|------------------|
| 实测参数: U:120.08V I:0.1758A P:20.997W PF:0.9935 Freq:59.98Hz 实检光通: 1897.7x1 lm | | |
| 灯具名称: 2318.166-LEA-15 | 灯具类型: | 灯具重量: |
| 灯具规格: 3000K | 外型尺寸: | 测试编号: 2407230938 |
| 制造厂商: RISE | 发光口面: 0.001734065m2 | 遮光角: |

表--1单位: cd

| C(DEG) (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | 1902 | | | | | | |
| 5 | 1928 | 1936 | 1942 | 1935 | 1926 | 1912 | 1902 | 1900 | 1899 | 1899 | 1908 | 1917 | | | | | | |
| 10 | 1976 | 2004 | 2019 | 1985 | 1990 | 1942 | 1931 | 1930 | 1923 | 1907 | 1935 | 1947 | | | | | | |
| 15 | 1976 | 2019 | 2029 | 1966 | 1977 | 1898 | 1904 | 1901 | 1898 | 1866 | 1928 | 1929 | | | | | | |
| 20 | 1786 | 1819 | 1774 | 1733 | 1675 | 1625 | 1652 | 1665 | 1681 | 1677 | 1746 | 1758 | | | | | | |
| 25 | 1305 | 1291 | 1216 | 1162 | 1118 | 1079 | 1131 | 1155 | 1201 | 1237 | 1294 | 1304 | | | | | | |
| 30 | 717 | 678 | 605 | 560 | 524 | 512 | 568 | 621 | 673 | 712 | 744 | 741 | | | | | | |
| 35 | 257 | 234 | 177 | 149 | 131 | 132 | 166 | 210 | 250 | 275 | 290 | 285 | | | | | | |
| 40 | 68.4 | 55.6 | 38.7 | 32.2 | 26.8 | 28.2 | 34.7 | 48.7 | 62.4 | 75.2 | 76.9 | 80.1 | | | | | | |
| 45 | 12.8 | 9.98 | 6.58 | 5.99 | 5.29 | 5.62 | 5.78 | 8.08 | 10.8 | 13.8 | 15.2 | 14.7 | | | | | | |
| 50 | 1.33 | 1.17 | 1.00 | 0.91 | 0.90 | 1.42 | 0.86 | 0.92 | 1.05 | 1.10 | 1.11 | 1.06 | | | | | | |
| 55 | 0.36 | 0.33 | 0.30 | 0.28 | 0.27 | 0.28 | 0.26 | 0.27 | 0.28 | 0.29 | 0.29 | 0.28 | | | | | | |
| 60 | 0.19 | 0.18 | 0.17 | 0.16 | 0.16 | 0.17 | 0.17 | 0.17 | 0.17 | 0.18 | 0.18 | 0.17 | | | | | | |
| 65 | 0.12 | 0.11 | 0.11 | 0.10 | 0.10 | 0.11 | 0.12 | 0.11 | 0.11 | 0.12 | 0.11 | 0.11 | | | | | | |
| 70 | 0.09 | 0.09 | 0.07 | 0.07 | 0.07 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | | | | | | |
| 75 | 0.07 | 0.06 | 0.05 | 0.06 | 0.05 | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 | 0.05 | 0.06 | | | | | | |
| 80 | 0.06 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.06 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | | | | | | |
| 85 | 0.05 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | | | | | | |
| 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: 2024-7-23

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-1083C 50R
DRIVER: PUP20A-1WMC 500mA
30minutes warm-up