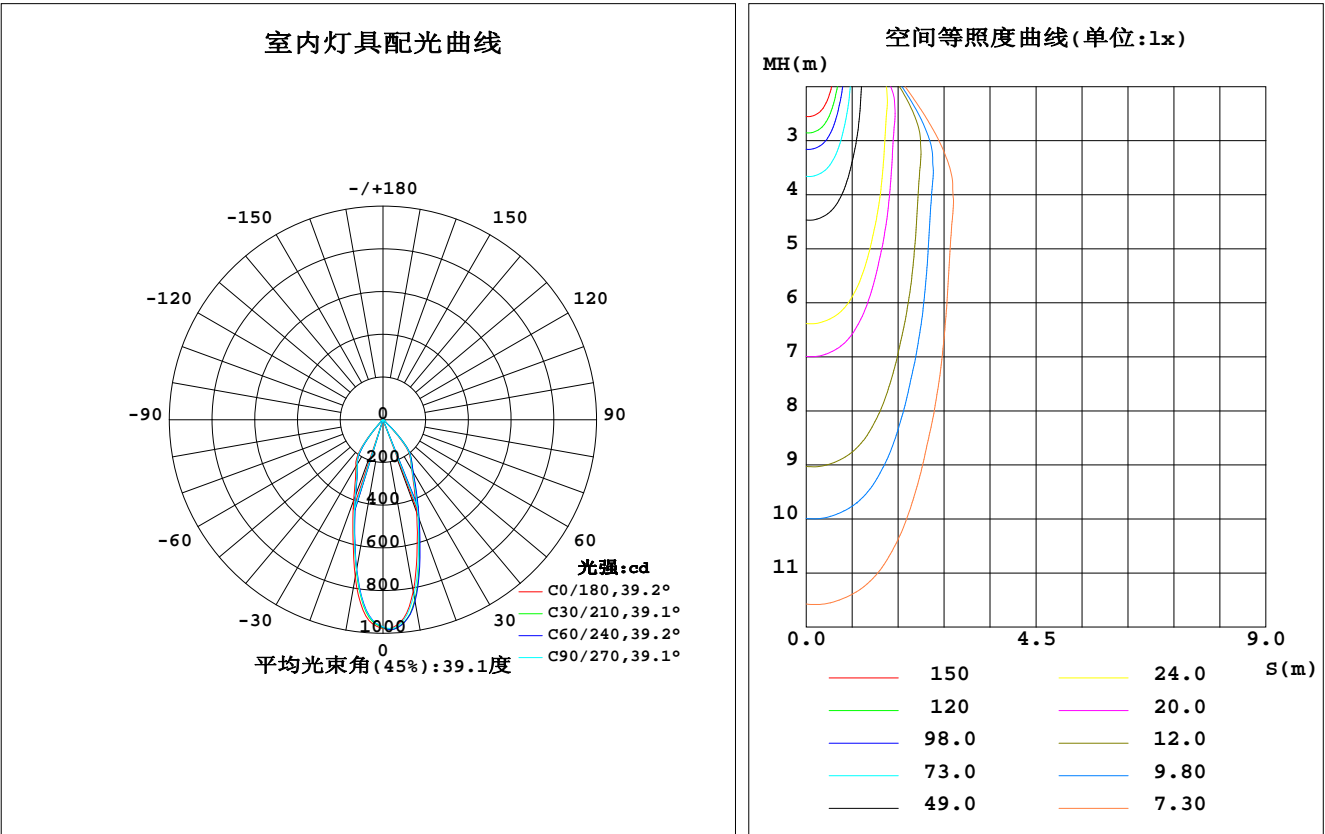


室内灯具光度数据

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

| 光源数据      |                  | 光度数据     |        |                   |          | 光效: 76.61 lm/W |
|-----------|------------------|----------|--------|-------------------|----------|----------------|
| 型号        | M011-8W-930-S-40 | 峰值光强(cd) | 983.9  | S/MH(C0/180)      | 0.61     |                |
| 标称功率(W)   | 8                | 灯具效率(%)  | 100.0  | S/MH(C90/270)     | 0.63     |                |
| 额定电源电压(V) | 226              | 总光通量(lm) | 603.68 | η UP,DN(C0-180)   | 1.1,53.1 |                |
| 额定光通量(lm) | 603.678          | CIE分类    | 直接     | η UP,DN(C180-360) | 1.3,44.4 |                |
| 灯具内光源数(只) | 1                | 上射光通比(%) | 2.4    | CIBSE SHR NOM     | 0.50     |                |
| 实测电源电压(V) | 226.6            | 下射光通比(%) | 97.6   | CIBSE SHR MAX     | 0.60     |                |



C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:QiuMing  
测试日期:2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度:65.0%  
测试距离:6.100米 [K=1.0000]  
备注:

## 灯具环带光通量

环带光通量:

| $\gamma$       | C0     | C45    | C90   | C135   | C180  | C225  | C270  | C315  | $\gamma(^{\circ})$ | $\Phi_{\text{环}}$ | $\Phi_{\text{总}}$ | $\%lum, lamp$ |
|----------------|--------|--------|-------|--------|-------|-------|-------|-------|--------------------|-------------------|-------------------|---------------|
| 10             | 816.1  | 867.3  | 833.4 | 798.9  | 747.8 | 702.6 | 715.9 | 746.1 | 0- 10              | 83.82             | 83.82             | 13.9, 13.9    |
| 20             | 460.5  | 497.9  | 480.1 | 444.4  | 401.7 | 366.3 | 380.1 | 402.5 | 10- 20             | 162.3             | 246.1             | 40.8, 40.8    |
| 30             | 269.2  | 286.9  | 272.4 | 259.0  | 254.2 | 239.4 | 241.4 | 246.2 | 20- 30             | 150.3             | 396.4             | 65.7, 65.7    |
| 40             | 169.1  | 188.8  | 177.8 | 146.9  | 110.9 | 85.03 | 102.4 | 129.3 | 30- 40             | 129.4             | 525.8             | 87.1, 87.1    |
| 50             | 17.75  | 18.89  | 18.21 | 16.75  | 15.50 | 14.41 | 14.89 | 15.84 | 40- 50             | 42.04             | 567.9             | 94.1, 94.1    |
| 60             | 9.558  | 10.40  | 9.880 | 9.050  | 7.984 | 7.387 | 7.633 | 8.328 | 50- 60             | 11.13             | 579.0             | 95.9, 95.9    |
| 70             | 4.410  | 5.243  | 4.374 | 4.897  | 4.137 | 4.547 | 3.867 | 4.717 | 60- 70             | 6.212             | 585.2             | 96.9, 96.9    |
| 80             | 1.147  | 1.451  | 1.177 | 1.360  | 1.281 | 1.287 | 1.251 | 1.229 | 70- 80             | 2.694             | 587.9             | 97.4, 97.4    |
| 90             | 0.9730 | 0.9766 | 1.009 | 0.9806 | 1.119 | 1.123 | 1.121 | 1.097 | 80- 90             | 1.265             | 589.2             | 97.6, 97.6    |
| 100            | 1.040  | 1.033  | 1.034 | 1.065  | 1.333 | 1.345 | 1.339 | 1.291 | 90-100             | 1.201             | 590.4             | 97.8, 97.8    |
| 110            | 1.316  | 1.291  | 1.294 | 1.345  | 1.652 | 1.683 | 1.663 | 1.599 | 100-110            | 1.394             | 591.8             | 98, 98        |
| 120            | 1.785  | 1.732  | 1.744 | 1.810  | 2.120 | 2.163 | 2.130 | 2.047 | 110-120            | 1.678             | 593.4             | 98.3, 98.3    |
| 130            | 2.457  | 2.374  | 2.395 | 2.490  | 2.801 | 2.859 | 2.819 | 2.711 | 120-130            | 2.020             | 595.5             | 98.6, 98.6    |
| 140            | 3.285  | 3.193  | 3.219 | 3.311  | 3.539 | 3.580 | 3.539 | 3.450 | 130-140            | 2.316             | 597.8             | 99, 99        |
| 150            | 3.942  | 3.873  | 3.862 | 3.919  | 4.061 | 4.052 | 4.017 | 3.960 | 140-150            | 2.317             | 600.1             | 99.4, 99.4    |
| 160            | 4.311  | 4.263  | 4.248 | 4.289  | 4.391 | 4.373 | 4.335 | 4.291 | 150-160            | 1.908             | 602.0             | 99.7, 99.7    |
| 170            | 4.595  | 4.553  | 4.511 | 4.519  | 4.595 | 4.535 | 4.507 | 4.483 | 160-170            | 1.253             | 603.2             | 99.9, 99.9    |
| 180            | 4.733  | 4.695  | 4.643 | 4.639  | 4.729 | 4.699 | 4.653 | 4.635 | 170-180            | 0.4368            | 603.7             | 100, 100      |
| 单位: $^{\circ}$ | 光强: cd |        |       |        |       |       |       |       |                    | 单位: lm            |                   |               |

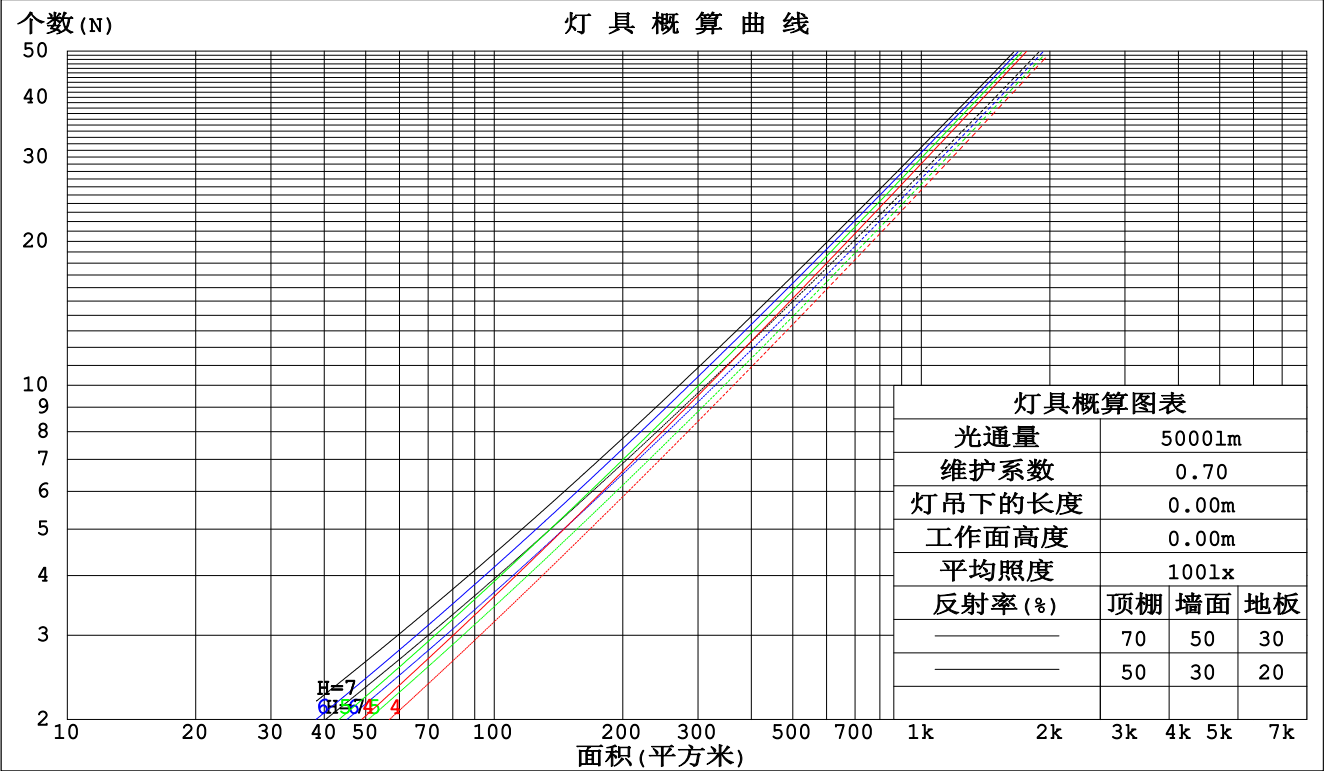
C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

$\gamma$ 角度范围: 0度 - 180度  
 $\gamma$ 角度间隔: 1.0度  
测试系统: 远方 (EVERFINE) GO-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

工作面利用系数和灯具概算曲线

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

|      |               |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |
|------|---------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| 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  | 1.18          | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | .00 | .00 | .00 | .98 |
| 1.0  | 1.10          | 1.07 | 1.05 | 1.07 | 1.05 | 1.03 | 1.03 | 1.01 | .99  | .99  | .97  | .96  | .95 | .94 | .93 | .91 |
| 2.0  | 1.02          | .98  | .94  | .00  | .96  | .93  | .96  | .93  | .91  | .93  | .91  | .88  | .90 | .88 | .86 | .84 |
| 3.0  | .95           | .90  | .86  | .93  | .89  | .85  | .90  | .86  | .83  | .88  | .84  | .82  | .85 | .82 | .80 | .78 |
| 4.0  | .89           | .83  | .79  | .87  | .82  | .78  | .85  | .80  | .77  | .82  | .79  | .76  | .80 | .77 | .75 | .73 |
| 5.0  | .83           | .77  | .73  | .82  | .76  | .72  | .80  | .75  | .71  | .78  | .74  | .70  | .76 | .72 | .70 | .68 |
| 6.0  | .78           | .72  | .67  | .77  | .71  | .67  | .75  | .70  | .66  | .73  | .69  | .66  | .72 | .68 | .65 | .64 |
| 7.0  | .73           | .67  | .63  | .72  | .67  | .63  | .71  | .66  | .62  | .70  | .65  | .62  | .68 | .64 | .61 | .60 |
| 8.0  | .69           | .63  | .59  | .68  | .63  | .59  | .67  | .62  | .58  | .66  | .61  | .58  | .65 | .61 | .58 | .56 |
| 9.0  | .65           | .59  | .56  | .65  | .59  | .55  | .64  | .59  | .55  | .63  | .58  | .55  | .62 | .57 | .54 | .53 |
| 10.0 | .62           | .56  | .52  | .61  | .56  | .52  | .60  | .55  | .52  | .60  | .55  | .52  | .59 | .55 | .51 | .50 |



C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## 墙面和天花板利用系数

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

|      |                |                |                |                |                |   |
|------|----------------|----------------|----------------|----------------|----------------|---|
| 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  | .185 .105 .033 | .177 .101 .032 | .163 .094 .030 | .150 .087 .028 | .138 .080 .026 |   |
| 2.0  | .176 .096 .030 | .170 .093 .029 | .158 .088 .027 | .147 .082 .026 | .137 .077 .024 |   |
| 3.0  | .167 .089 .027 | .161 .086 .026 | .151 .082 .025 | .142 .078 .024 | .133 .074 .023 |   |
| 4.0  | .158 .082 .024 | .154 .080 .024 | .145 .077 .023 | .136 .073 .022 | .129 .070 .021 |   |
| 5.0  | .150 .077 .022 | .146 .075 .022 | .138 .072 .021 | .131 .069 .021 | .124 .066 .020 |   |
| 6.0  | .143 .072 .021 | .139 .070 .020 | .132 .068 .020 | .126 .065 .019 | .120 .063 .019 |   |
| 7.0  | .136 .067 .019 | .133 .066 .019 | .127 .064 .018 | .121 .062 .018 | .115 .060 .018 |   |
| 8.0  | .130 .064 .018 | .127 .063 .018 | .121 .061 .017 | .116 .059 .017 | .111 .057 .017 |   |
| 9.0  | .124 .060 .017 | .122 .059 .017 | .116 .058 .016 | .112 .056 .016 | .107 .054 .016 |   |
| 10.0 | .119 .057 .016 | .116 .056 .016 | .112 .055 .015 | .107 .053 .015 | .103 .052 .015 |   |

|      |                |                |                |                |                |   |
|------|----------------|----------------|----------------|----------------|----------------|---|
| 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  | .209 .209 .209 | .178 .178 .178 | .122 .122 .122 | .070 .070 .070 | .022 .022 .022 |   |
| 1.0  | .190 .176 .163 | .163 .151 .140 | .111 .104 .097 | .064 .060 .056 | .021 .019 .018 |   |
| 2.0  | .175 .151 .131 | .150 .130 .113 | .103 .090 .079 | .059 .052 .046 | .019 .017 .015 |   |
| 3.0  | .163 .132 .108 | .140 .114 .093 | .096 .079 .065 | .056 .046 .039 | .018 .015 .013 |   |
| 4.0  | .153 .118 .091 | .132 .102 .079 | .090 .071 .055 | .052 .042 .033 | .017 .014 .011 |   |
| 5.0  | .145 .106 .078 | .124 .092 .068 | .086 .064 .048 | .050 .038 .028 | .016 .012 .009 |   |
| 6.0  | .137 .097 .068 | .118 .084 .059 | .081 .059 .042 | .047 .035 .025 | .015 .011 .008 |   |
| 7.0  | .131 .090 .061 | .112 .078 .053 | .078 .054 .037 | .045 .032 .022 | .015 .010 .007 |   |
| 8.0  | .125 .083 .055 | .108 .072 .048 | .074 .051 .034 | .043 .030 .020 | .014 .010 .007 |   |
| 9.0  | .120 .078 .050 | .103 .068 .044 | .072 .048 .031 | .042 .028 .019 | .013 .009 .006 |   |
| 10.0 | .115 .074 .046 | .099 .064 .040 | .069 .045 .029 | .040 .027 .017 | .013 .009 .006 |   |

C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## UGR(Unified Glare Rating)数据表

|                         |                      |      |      |      |      |                    |      |      |      |      |
|-------------------------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| 灯具名称:                   | 灯具类型:                |      |      |      |      | 灯具重量:              |      |      |      |      |
| 外型尺寸:                   | 灯具规格:                |      |      |      |      | 测试编号:              |      |      |      |      |
| 制造厂商: Rayconn           | 发光口面:                |      |      |      |      | 保护角:               |      |      |      |      |
| 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                    | 交叉(Viewed crosswise) |      |      |      |      | 向前(Viewed endwise) |      |      |      |      |
| x = 2H y = 2H           | 23.7                 | 24.7 | 24.0 | 24.9 | 25.1 | 23.8               | 24.8 | 24.1 | 25.0 | 25.2 |
| 3H                      | 23.6                 | 24.5 | 23.9 | 24.7 | 25.0 | 23.7               | 24.6 | 24.0 | 24.8 | 25.1 |
| 4H                      | 23.6                 | 24.4 | 23.9 | 24.6 | 24.9 | 23.7               | 24.5 | 24.0 | 24.7 | 25.0 |
| 6H                      | 23.5                 | 24.2 | 23.8 | 24.5 | 24.8 | 23.6               | 24.3 | 23.9 | 24.6 | 24.9 |
| 8H                      | 23.4                 | 24.2 | 23.8 | 24.5 | 24.8 | 23.5               | 24.3 | 23.9 | 24.6 | 24.9 |
| 12H                     | 23.4                 | 24.1 | 23.8 | 24.4 | 24.8 | 23.5               | 24.2 | 23.9 | 24.5 | 24.8 |
| 4H 2H                   | 23.5                 | 24.3 | 23.8 | 24.6 | 24.9 | 23.6               | 24.4 | 23.9 | 24.7 | 25.0 |
| 3H                      | 23.4                 | 24.2 | 23.8 | 24.5 | 24.8 | 23.5               | 24.2 | 23.9 | 24.6 | 24.9 |
| 4H                      | 23.4                 | 24.0 | 23.8 | 24.4 | 24.7 | 23.5               | 24.1 | 23.9 | 24.5 | 24.8 |
| 6H                      | 23.3                 | 23.9 | 23.7 | 24.3 | 24.7 | 23.4               | 24.0 | 23.8 | 24.4 | 24.8 |
| 8H                      | 23.3                 | 23.8 | 23.7 | 24.2 | 24.6 | 23.4               | 23.9 | 23.8 | 24.3 | 24.7 |
| 12H                     | 23.3                 | 23.7 | 23.7 | 24.2 | 24.6 | 23.4               | 23.8 | 23.8 | 24.3 | 24.7 |
| 8H 4H                   | 23.3                 | 23.8 | 23.7 | 24.2 | 24.6 | 23.4               | 23.9 | 23.8 | 24.3 | 24.7 |
| 6H                      | 23.2                 | 23.7 | 23.7 | 24.1 | 24.6 | 23.3               | 23.7 | 23.8 | 24.2 | 24.6 |
| 8H                      | 23.2                 | 23.6 | 23.7 | 24.0 | 24.5 | 23.3               | 23.7 | 23.8 | 24.1 | 24.6 |
| 12H                     | 23.2                 | 23.5 | 23.7 | 24.0 | 24.5 | 23.3               | 23.6 | 23.8 | 24.1 | 24.6 |
| 12H 4H                  | 23.2                 | 23.7 | 23.7 | 24.1 | 24.6 | 23.3               | 23.8 | 23.8 | 24.2 | 24.7 |
| 6H                      | 23.2                 | 23.6 | 23.7 | 24.0 | 24.5 | 23.3               | 23.6 | 23.7 | 24.1 | 24.6 |
| 8H                      | 23.2                 | 23.5 | 23.7 | 24.0 | 24.5 | 23.2               | 23.6 | 23.7 | 24.0 | 24.6 |
| 不同间隔布灯时, 观察者位置引起的UGR变化: |                      |      |      |      |      |                    |      |      |      |      |
| S = 1.0H                | + 2.3 / - 7.2        |      |      |      |      | + 2.3 / - 7.3      |      |      |      |      |
| 1.5H                    | + 4.5 / - 6.6        |      |      |      |      | + 4.4 / - 6.7      |      |      |      |      |
| 2.0H                    | + 5.1 / - 2.3        |      |      |      |      | + 5.6 / - 2.7      |      |      |      |      |

依据CIE Pub.117计算, 表格已按603.71m光源光通进行修正( $81\log(F/F_0) = -1.8$ )。

C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## UF利用系数表

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

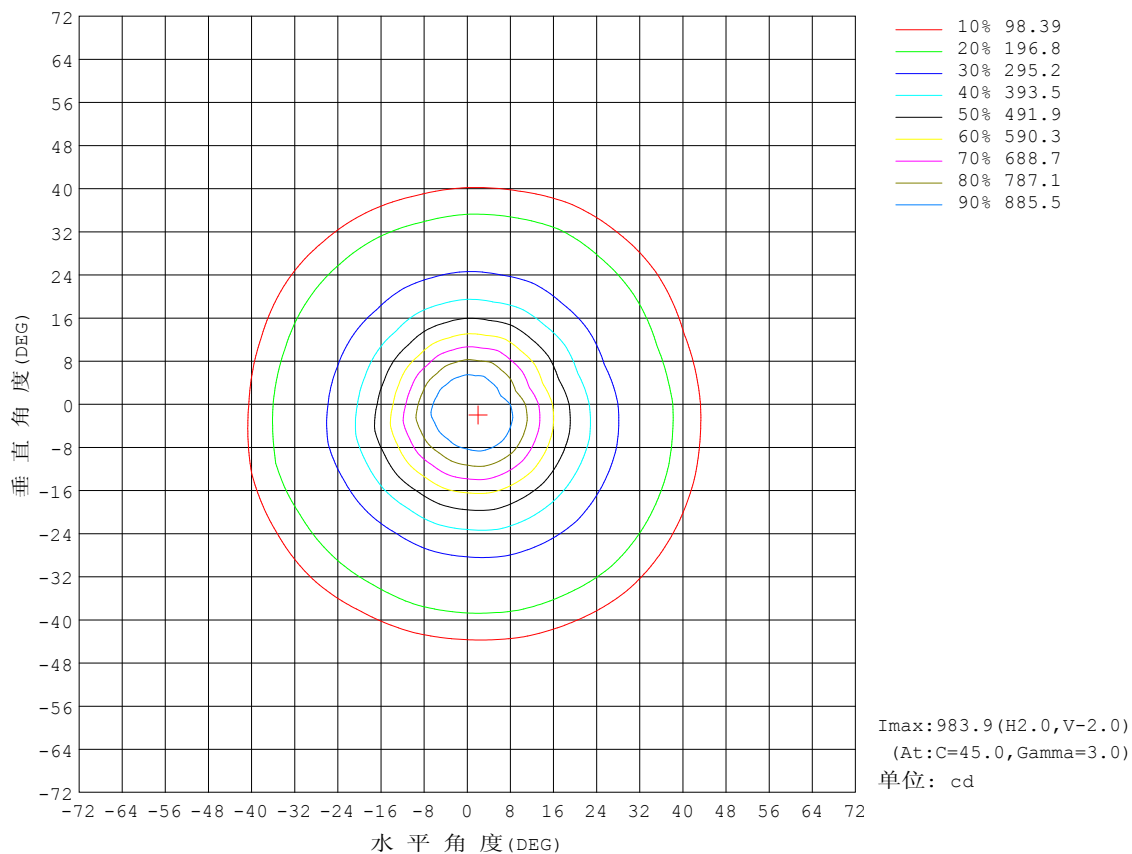
| 反 射 比 / REFLECTANCE        |   |     |     |     |     |     |                     |     |     |         |
|----------------------------|---|-----|-----|-----|-----|-----|---------------------|-----|-----|---------|
| 天花板                        | 0.8   | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5                 | 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) x RCR = 5 |     |     |     |     |     |                     |     |     |         |
| k = 0.60                   | 84  | 77  | 73  | 83  | 76  | 72  | 82                  | 76  | 72  | 68      |
| 0.80                       | 91  | 85  | 81  | 90  | 84  | 81  | 89                  | 84  | 80  | 76      |
| 1.00                       | 96  | 90  | 86  | 95  | 90  | 86  | 93                  | 89  | 85  | 81      |
| 1.25                       | 101   | 95  | 91  | 99  | 94  | 91  | 97                  | 93  | 90  | 85      |
| 1.50                       | 104   | 98  | 95  | 102 | 97  | 94  | 100                 | 96  | 93  | 88      |
| 2.00                       | 107   | 102 | 99  | 105 | 101 | 98  | 102                 | 99  | 96  | 90      |
| 2.50                       | 109   | 104 | 101 | 107 | 103 | 100 | 103                 | 100 | 98  | 91      |
| 3.00                       | 110   | 106 | 103 | 108 | 105 | 102 | 104                 | 102 | 100 | 93      |
| 4.00                       | 112   | 109 | 107 | 110 | 108 | 105 | 106                 | 104 | 102 | 94      |
| 5.00                       | 114   | 111 | 109 | 111 | 109 | 107 | 107                 | 105 | 104 | 95      |
| 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: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## 灯 具 等 光 强 曲 线

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |



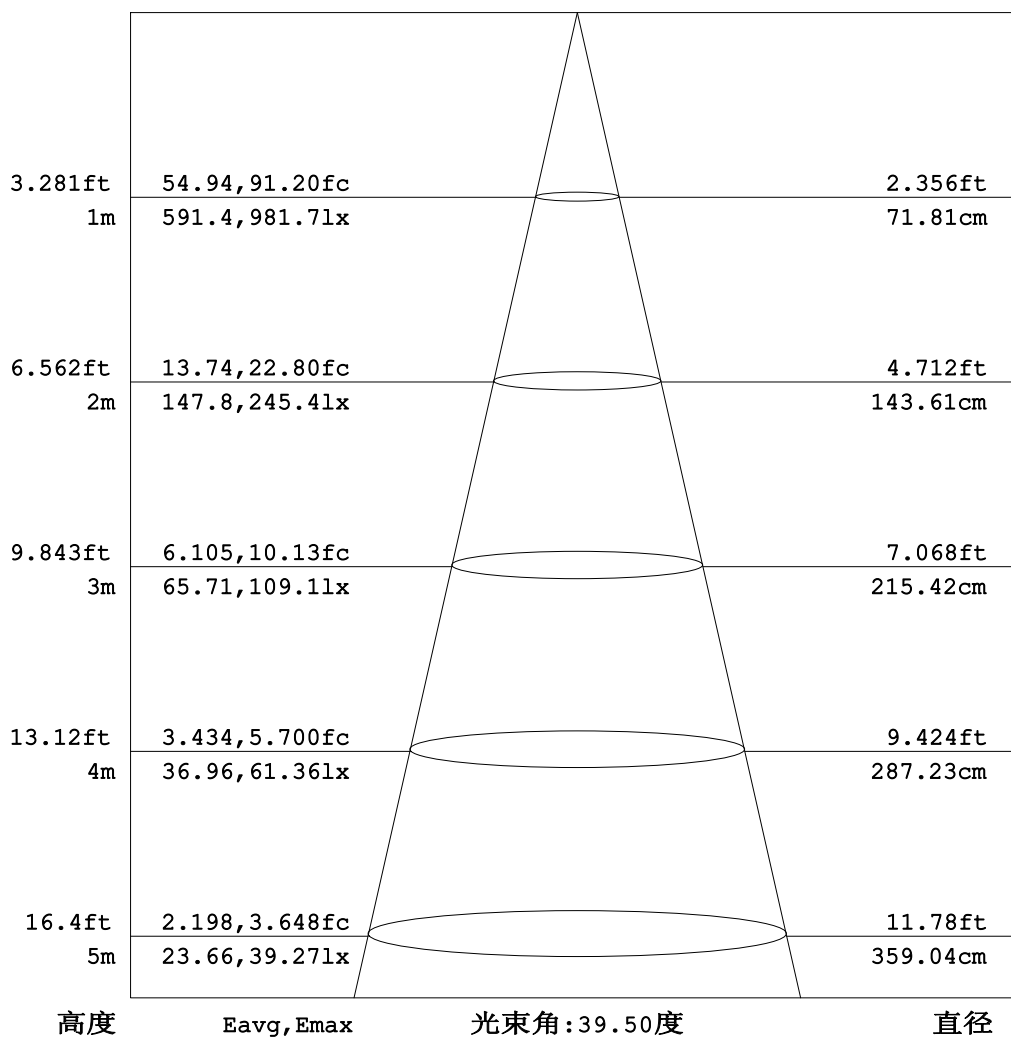
C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## 灯具有效平均照度图

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

光通输出:246.1 lm



注:曲线为灯具在不同投射距离下的照射区域及区域内平均照度。

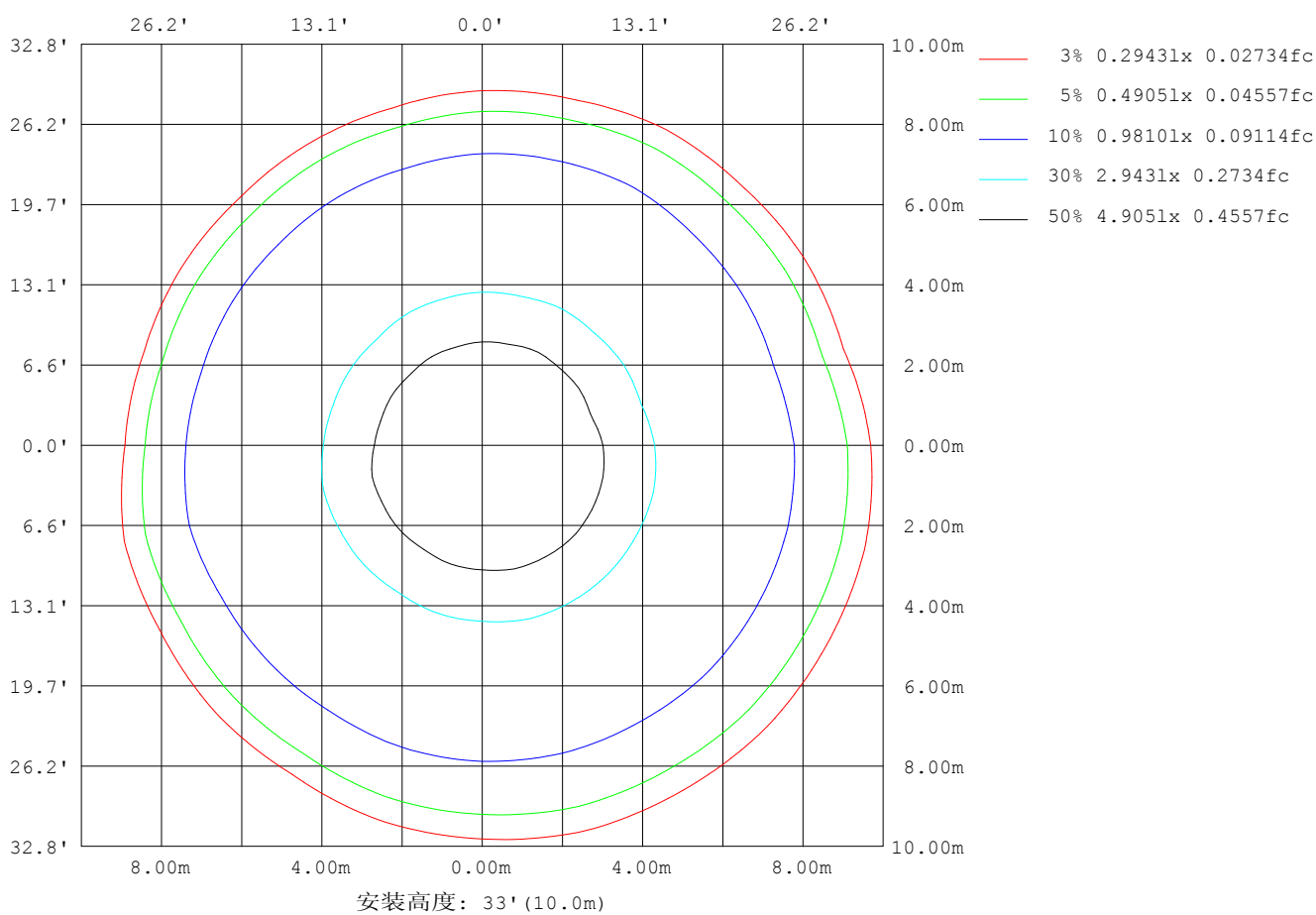
C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度:25.3℃  
测试人员:QiuMing  
测试日期:2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度:65.0%  
测试距离:6.100米 [K=1.0000]  
备注:



## 平面等照度曲线

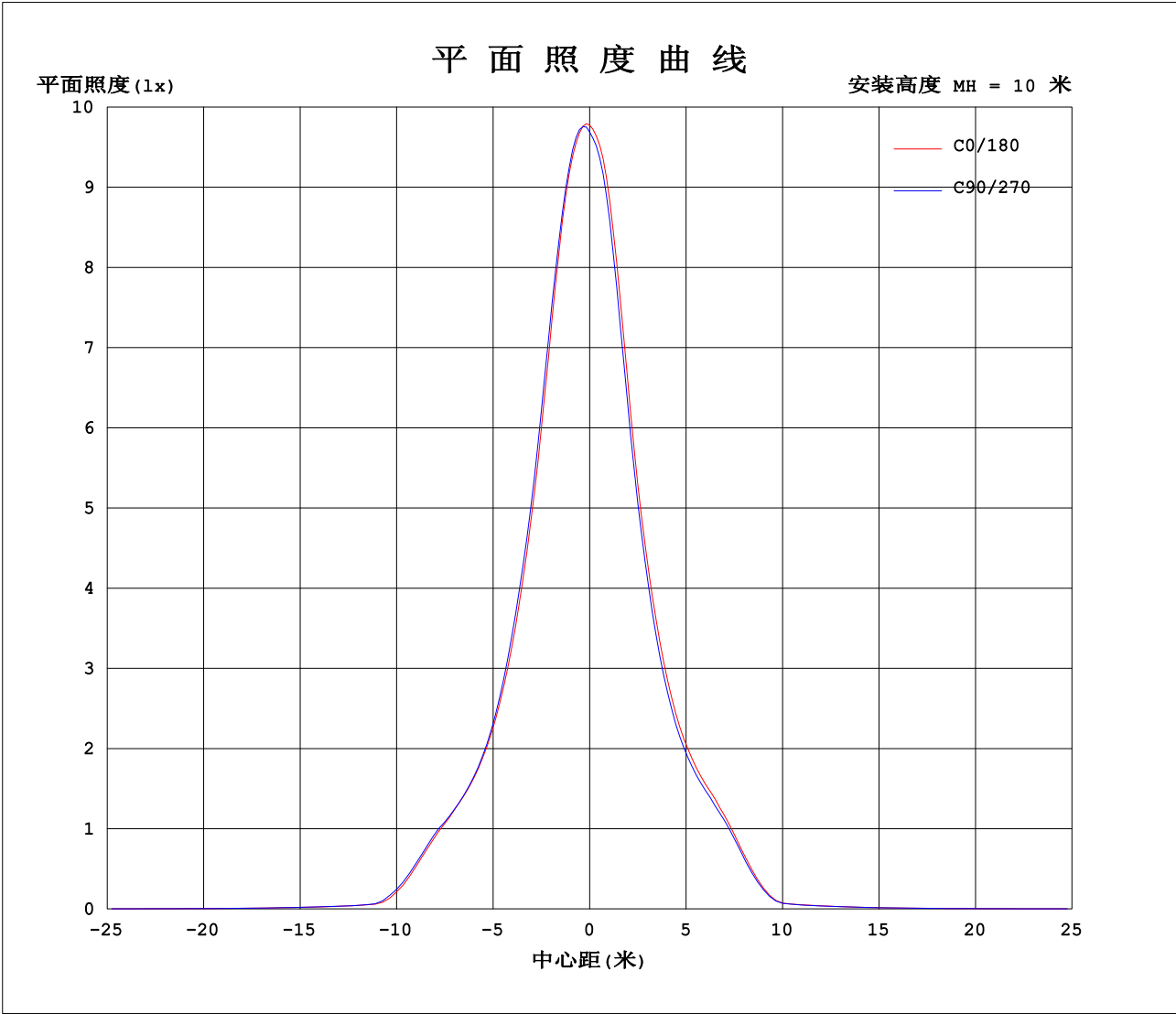
|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |



C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

平面照度曲线



C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注:

## 光强分布数据表格

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

表--1

单位: cd

| C(DEG)<br>γ (DEG) | 0    | 15   | 30   | 45   | 60   | 75   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  | 210  | 225  | 240  | 255  | 270  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 978  | 975  | 975  | 972  | 972  | 969  | 969  | 968  | 972  | 970  | 970  | 969  | 978  | 975  | 975  | 972  | 972  | 969  | 969  |
| 5                 | 950  | 961  | 965  | 968  | 967  | 965  | 958  | 950  | 941  | 938  | 933  | 934  | 922  | 909  | 904  | 894  | 896  | 893  | 899  |
| 10                | 816  | 844  | 857  | 867  | 863  | 854  | 833  | 820  | 802  | 799  | 785  | 782  | 748  | 726  | 718  | 703  | 710  | 706  | 716  |
| 15                | 619  | 645  | 660  | 674  | 669  | 663  | 643  | 634  | 612  | 608  | 588  | 582  | 546  | 525  | 519  | 507  | 514  | 512  | 522  |
| 20                | 460  | 482  | 489  | 498  | 495  | 496  | 480  | 470  | 450  | 444  | 432  | 429  | 402  | 384  | 376  | 366  | 374  | 373  | 380  |
| 25                | 344  | 361  | 364  | 369  | 370  | 368  | 354  | 347  | 332  | 329  | 322  | 321  | 306  | 295  | 289  | 284  | 287  | 286  | 290  |
| 30                | 269  | 279  | 282  | 287  | 284  | 281  | 272  | 267  | 260  | 259  | 255  | 259  | 254  | 246  | 242  | 239  | 240  | 239  | 241  |
| 35                | 225  | 232  | 235  | 238  | 234  | 231  | 227  | 225  | 217  | 215  | 212  | 219  | 211  | 199  | 195  | 191  | 192  | 193  | 200  |
| 40                | 169  | 181  | 185  | 189  | 186  | 186  | 178  | 170  | 152  | 147  | 136  | 138  | 111  | 95.5 | 92.0 | 85.0 | 88.9 | 90.8 | 102  |
| 45                | 60.7 | 73.4 | 77.3 | 81.7 | 79.3 | 79.2 | 69.3 | 59.2 | 47.7 | 43.1 | 35.0 | 32.5 | 21.1 | 20.0 | 19.8 | 19.4 | 19.5 | 19.6 | 20.4 |
| 50                | 17.8 | 18.5 | 18.7 | 18.9 | 18.7 | 18.8 | 18.2 | 17.6 | 16.9 | 16.8 | 16.5 | 16.6 | 15.5 | 14.9 | 14.7 | 14.4 | 14.5 | 14.5 | 14.9 |
| 55                | 13.5 | 13.9 | 13.9 | 14.1 | 14.0 | 14.1 | 13.7 | 13.4 | 13.0 | 12.9 | 12.7 | 12.6 | 11.6 | 11.0 | 10.9 | 10.6 | 10.7 | 10.7 | 11.1 |
| 60                | 9.56 | 10.1 | 10.2 | 10.4 | 10.3 | 10.3 | 9.88 | 9.64 | 9.14 | 9.05 | 8.78 | 8.72 | 7.98 | 7.62 | 7.55 | 7.39 | 7.45 | 7.43 | 7.63 |
| 65                | 6.21 | 6.60 | 6.95 | 7.16 | 6.89 | 6.64 | 6.35 | 6.34 | 6.35 | 6.32 | 6.13 | 5.94 | 5.59 | 5.52 | 5.71 | 5.67 | 5.58 | 5.38 | 5.44 |
| 70                | 4.41 | 4.71 | 5.00 | 5.24 | 4.84 | 4.59 | 4.37 | 4.50 | 4.70 | 4.90 | 4.58 | 4.39 | 4.14 | 4.15 | 4.44 | 4.55 | 4.28 | 3.90 | 3.87 |
| 75                | 2.04 | 2.43 | 3.36 | 3.53 | 3.19 | 2.42 | 2.07 | 2.51 | 3.15 | 3.30 | 2.57 | 1.90 | 1.75 | 1.79 | 2.08 | 2.28 | 1.93 | 1.58 | 1.52 |
| 80                | 1.15 | 1.16 | 1.27 | 1.45 | 1.27 | 1.25 | 1.18 | 1.21 | 1.32 | 1.36 | 1.25 | 1.22 | 1.28 | 1.28 | 1.27 | 1.29 | 1.27 | 1.25 | 1.25 |
| 85                | 1.12 | 1.11 | 1.14 | 1.11 | 1.14 | 1.12 | 1.14 | 1.13 | 1.17 | 1.14 | 1.17 | 1.15 | 1.23 | 1.24 | 1.23 | 1.23 | 1.21 | 1.23 | 1.20 |
| 90                | 0.97 | 0.97 | 0.99 | 0.98 | 1.00 | 0.99 | 1.01 | 0.99 | 1.00 | 0.98 | 0.99 | 0.98 | 1.12 | 1.12 | 1.13 | 1.12 | 1.13 | 1.11 | 1.12 |
| 95                | 0.98 | 0.98 | 0.99 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.99 | 0.99 | 0.98 | 1.00 | 1.21 | 1.21 | 1.23 | 1.22 | 1.23 | 1.21 | 1.22 |
| 100               | 1.04 | 1.04 | 1.02 | 1.03 | 1.02 | 1.03 | 1.03 | 1.05 | 1.05 | 1.06 | 1.06 | 1.07 | 1.33 | 1.33 | 1.35 | 1.34 | 1.36 | 1.34 | 1.34 |
| 105               | 1.15 | 1.16 | 1.14 | 1.14 | 1.13 | 1.14 | 1.14 | 1.16 | 1.17 | 1.18 | 1.18 | 1.20 | 1.48 | 1.48 | 1.50 | 1.50 | 1.51 | 1.49 | 1.49 |
| 110               | 1.32 | 1.31 | 1.30 | 1.29 | 1.28 | 1.29 | 1.29 | 1.32 | 1.32 | 1.35 | 1.35 | 1.37 | 1.65 | 1.65 | 1.68 | 1.68 | 1.68 | 1.66 | 1.66 |
| 115               | 1.53 | 1.51 | 1.49 | 1.49 | 1.47 | 1.49 | 1.49 | 1.52 | 1.53 | 1.55 | 1.56 | 1.58 | 1.86 | 1.87 | 1.90 | 1.90 | 1.90 | 1.88 | 1.87 |
| 120               | 1.78 | 1.76 | 1.74 | 1.73 | 1.72 | 1.73 | 1.74 | 1.76 | 1.79 | 1.81 | 1.82 | 1.85 | 2.12 | 2.14 | 2.17 | 2.16 | 2.17 | 2.15 | 2.13 |
| 125               | 2.09 | 2.06 | 2.03 | 2.02 | 2.01 | 2.02 | 2.04 | 2.07 | 2.10 | 2.12 | 2.14 | 2.17 | 2.44 | 2.46 | 2.49 | 2.49 | 2.49 | 2.47 | 2.45 |
| 130               | 2.46 | 2.42 | 2.39 | 2.37 | 2.37 | 2.38 | 2.39 | 2.43 | 2.47 | 2.49 | 2.52 | 2.54 | 2.80 | 2.83 | 2.86 | 2.86 | 2.86 | 2.83 | 2.82 |
| 135               | 2.87 | 2.83 | 2.80 | 2.78 | 2.77 | 2.78 | 2.80 | 2.83 | 2.88 | 2.90 | 2.93 | 2.95 | 3.18 | 3.21 | 3.23 | 3.24 | 3.24 | 3.21 | 3.19 |
| 140               | 3.29 | 3.25 | 3.22 | 3.19 | 3.18 | 3.19 | 3.22 | 3.24 | 3.29 | 3.31 | 3.33 | 3.36 | 3.54 | 3.58 | 3.59 | 3.58 | 3.58 | 3.57 | 3.54 |
| 145               | 3.66 | 3.63 | 3.60 | 3.58 | 3.57 | 3.58 | 3.58 | 3.61 | 3.64 | 3.67 | 3.68 | 3.70 | 3.84 | 3.85 | 3.88 | 3.86 | 3.87 | 3.83 | 3.82 |
| 150               | 3.94 | 3.92 | 3.88 | 3.87 | 3.86 | 3.86 | 3.86 | 3.88 | 3.90 | 3.92 | 3.92 | 3.94 | 4.06 | 4.06 | 4.08 | 4.05 | 4.06 | 4.02 | 4.02 |
| 155               | 4.13 | 4.12 | 4.09 | 4.08 | 4.05 | 4.07 | 4.06 | 4.08 | 4.09 | 4.11 | 4.10 | 4.12 | 4.22 | 4.22 | 4.23 | 4.21 | 4.21 | 4.18 | 4.17 |
| 160               | 4.31 | 4.31 | 4.27 | 4.26 | 4.24 | 4.25 | 4.25 | 4.27 | 4.27 | 4.29 | 4.29 | 4.29 | 4.39 | 4.38 | 4.39 | 4.37 | 4.37 | 4.34 | 4.34 |
| 165               | 4.47 | 4.47 | 4.43 | 4.43 | 4.40 | 4.42 | 4.39 | 4.42 | 4.41 | 4.43 | 4.41 | 4.42 | 4.52 | 4.49 | 4.50 | 4.47 | 4.48 | 4.44 | 4.44 |
| 170               | 4.59 | 4.60 | 4.55 | 4.55 | 4.53 | 4.53 | 4.51 | 4.52 | 4.50 | 4.52 | 4.50 | 4.51 | 4.60 | 4.56 | 4.56 | 4.53 | 4.54 | 4.50 | 4.51 |
| 175               | 4.66 | 4.67 | 4.63 | 4.64 | 4.61 | 4.61 | 4.58 | 4.59 | 4.57 | 4.59 | 4.57 | 4.58 | 4.66 | 4.62 | 4.63 | 4.59 | 4.60 | 4.56 | 4.57 |
| 180               | 4.73 | 4.72 | 4.70 | 4.70 | 4.67 | 4.67 | 4.64 | 4.64 | 4.64 | 4.64 | 4.63 | 4.64 | 4.73 | 4.71 | 4.71 | 4.70 | 4.69 | 4.66 | 4.65 |

C角度范围: 0度 - 360度

C角度间隔: 15.0度

测试速度: 快速

环境温度: 25.3℃

测试人员: QiuMing

测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265

环境湿度: 65.0%

测试距离: 6.100米 [K=1.0000]

备注:

光 强 分 布 数 据 表 格

|               |       |       |
|---------------|-------|-------|
| 灯具名称:         | 灯具类型: | 灯具重量: |
| 外型尺寸:         | 灯具规格: | 测试编号: |
| 制造厂商: Rayconn | 发光口面: | 保护角:  |

|                    |      |      |      |      |      |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 表--2               |      |      |      |      |      | 单位: cd |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C (DEG)<br>γ (DEG) | 285  | 300  | 315  | 330  | 345  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0                  | 968  | 972  | 970  | 970  | 969  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 899  | 912  | 909  | 917  | 917  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 718  | 746  | 746  | 760  | 760  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 526  | 550  | 553  | 571  | 572  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 383  | 399  | 403  | 420  | 424  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 291  | 301  | 302  | 312  | 317  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 243  | 247  | 246  | 250  | 252  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 204  | 209  | 206  | 208  | 210  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 109  | 125  | 129  | 140  | 143  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 21.6 | 27.3 | 28.9 | 35.7 | 36.9 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 15.2 | 15.7 | 15.8 | 16.2 | 16.3 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 11.4 | 11.9 | 12.0 | 12.4 | 12.4 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 7.84 | 8.29 | 8.33 | 8.63 | 8.59 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 5.57 | 5.98 | 6.08 | 6.03 | 5.80 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 4.08 | 4.55 | 4.72 | 4.55 | 4.23 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 1.69 | 2.08 | 2.58 | 2.17 | 1.93 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 1.24 | 1.22 | 1.23 | 1.19 | 1.19 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 1.21 | 1.21 | 1.20 | 1.18 | 1.17 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 1.11 | 1.11 | 1.10 | 1.10 | 1.09 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                 | 1.20 | 1.20 | 1.17 | 1.18 | 1.16 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100                | 1.31 | 1.31 | 1.29 | 1.29 | 1.27 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105                | 1.46 | 1.45 | 1.43 | 1.43 | 1.41 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110                | 1.63 | 1.62 | 1.60 | 1.60 | 1.58 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115                | 1.84 | 1.82 | 1.80 | 1.79 | 1.77 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120                | 2.09 | 2.07 | 2.05 | 2.03 | 2.01 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125                | 2.42 | 2.38 | 2.35 | 2.34 | 2.31 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130                | 2.78 | 2.74 | 2.71 | 2.69 | 2.67 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135                | 3.16 | 3.12 | 3.09 | 3.06 | 3.04 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140                | 3.50 | 3.47 | 3.45 | 3.43 | 3.40 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145                | 3.79 | 3.77 | 3.77 | 3.73 | 3.71 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150                | 3.99 | 3.98 | 3.96 | 3.96 | 3.93 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155                | 4.14 | 4.14 | 4.12 | 4.12 | 4.09 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160                | 4.31 | 4.31 | 4.29 | 4.29 | 4.27 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165                | 4.41 | 4.43 | 4.41 | 4.42 | 4.40 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170                | 4.48 | 4.50 | 4.48 | 4.50 | 4.47 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175                | 4.54 | 4.57 | 4.55 | 4.57 | 4.55 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180                | 4.64 | 4.64 | 4.64 | 4.64 | 4.64 |        |  |  |  |  |  |  |  |  |  |  |  |  |  |

C角度范围: 0度 - 360度  
C角度间隔: 15.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: QiuMing  
测试日期: 2015-09-22

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-2000B\_V1系统 V2.0.265  
环境湿度: 65.0%  
测试距离: 6.100米 [K=1.0000]  
备注: