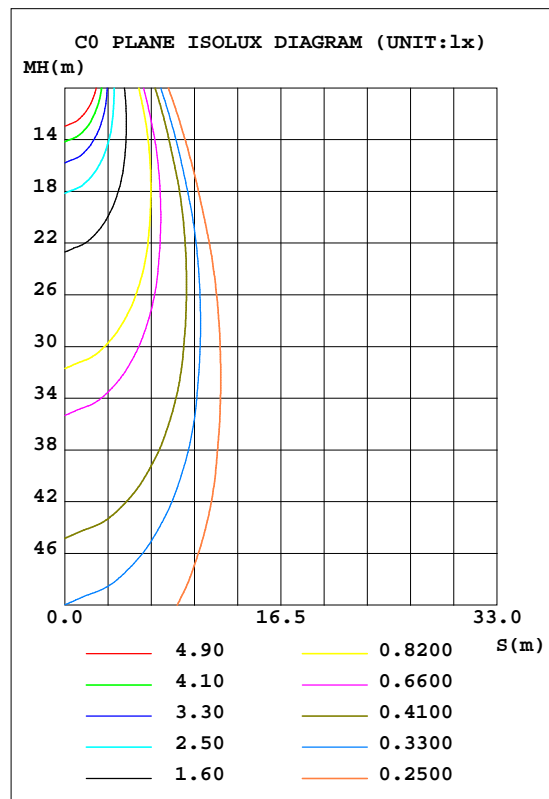
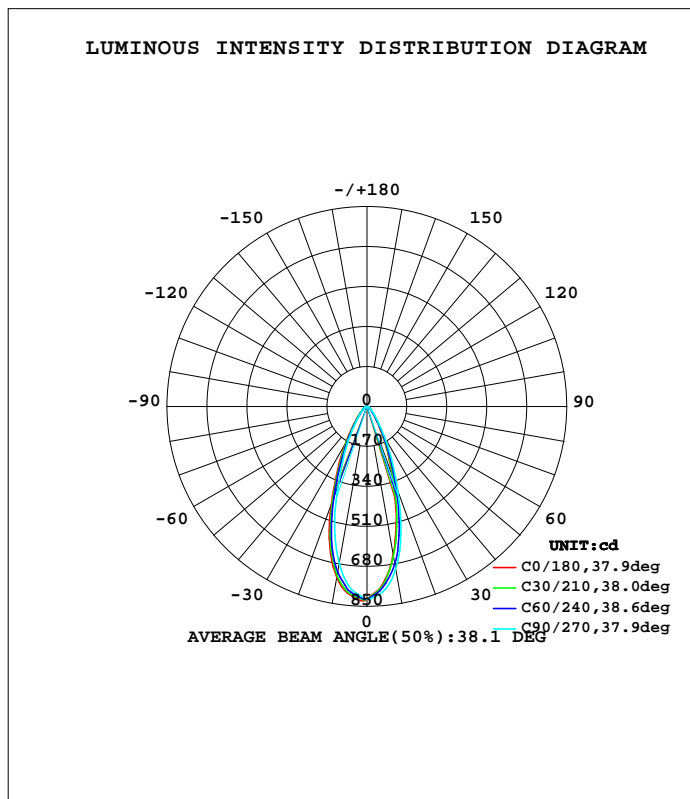


LUMINAIRE PHOTOMETRIC TEST REPORT

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP     |              | PHOTOMETRIC DATA Eff: 107.38 lm/W |        |                    |           |
|------------------|--------------|-----------------------------------|--------|--------------------|-----------|
| MODEL            | 5RS067-4000K | I <sub>max</sub> (cd)             | 826.1  | S/MH(C0/180)       | 0.57      |
| NOMINAL POWER(W) | 4            | LOR(%)                            | 100.0  | S/MH(C90/270)      | 0.63      |
| RATED VOLTAGE(V) | 232          | TOTAL FLUX(lm)                    | 454.24 | h UP, DN(C0-180)   | 0.0, 49.8 |
| NOMINAL FLUX(lm) | 454.242      | CIE CLASS                         | DIRECT | h UP, DN(C180-360) | 0.0, 50.2 |
| LAMPS INSIDE     | 1            | h up(%)                           | 0.0    | CIBSE SHR NOM      | 0.50      |
| TEST VOLTAGE(V)  | 231.2        | h down(%)                         | 100.0  | CIBSE SHR MAX      | 0.65      |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2018-02-06

deg Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
Humidity:65.0%  
Test Distance:8.989m [K=1.0000]  
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| g   | C0                    | C45   | C90   | C135  | C180   | C225  | C270  | C315  | g       | F zone  | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|--------|-------|-------|-------|---------|---------|---------|-----------|
| 10  | 641.9                 | 662.4 | 702.7 | 727.9 | 738.5  | 726.7 | 679.5 | 664.4 | 0- 10   | 71.85   | 71.85   | 15.8,15.8 |
| 20  | 321.1                 | 343.0 | 389.1 | 424.6 | 444.5  | 426.4 | 360.5 | 342.6 | 10- 20  | 149.9   | 221.8   | 48.8,48.8 |
| 30  | 116.8                 | 128.0 | 149.7 | 176.1 | 188.7  | 166.9 | 146.5 | 122.1 | 20- 30  | 113.2   | 335.0   | 73.7,73.7 |
| 40  | 44.67                 | 46.77 | 55.22 | 62.39 | 71.03  | 60.33 | 56.85 | 43.92 | 30- 40  | 57.27   | 392.2   | 86.3,86.3 |
| 50  | 21.79                 | 22.36 | 25.33 | 27.87 | 31.14  | 27.15 | 26.68 | 21.26 | 40- 50  | 28.81   | 421.0   | 92.7,92.7 |
| 60  | 12.20                 | 12.46 | 13.68 | 14.98 | 16.06  | 14.95 | 14.07 | 12.21 | 50- 60  | 16.87   | 437.9   | 96.4,96.4 |
| 70  | 6.434                 | 6.621 | 7.389 | 8.040 | 8.919  | 8.089 | 7.826 | 6.541 | 60- 70  | 10.31   | 448.2   | 98.7,98.7 |
| 80  | 1.820                 | 1.964 | 2.346 | 2.625 | 3.147  | 2.659 | 2.522 | 1.974 | 70- 80  | 5.002   | 453.2   | 99.8,99.8 |
| 90  | 0                     | 0     | 0     | 0     | 0.0123 | 0     | 0     | 0     | 80- 90  | 1.005   | 454.2   | 100,100   |
| 100 |                       |       |       |       |        |       |       |       | 90-100  |         |         |           |
| 110 |                       |       |       |       |        |       |       |       | 100-110 |         |         |           |
| 120 |                       |       |       |       |        |       |       |       | 110-120 |         |         |           |
| 130 |                       |       |       |       |        |       |       |       | 120-130 |         |         |           |
| 140 |                       |       |       |       |        |       |       |       | 130-140 |         |         |           |
| 150 |                       |       |       |       |        |       |       |       | 140-150 |         |         |           |
| 160 |                       |       |       |       |        |       |       |       | 150-160 |         |         |           |
| 170 |                       |       |       |       |        |       |       |       | 160-170 |         |         |           |
| 180 |                       |       |       |       |        |       |       |       | 170-180 |         |         |           |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |        |       |       |       |         | UNIT:lm |         |           |

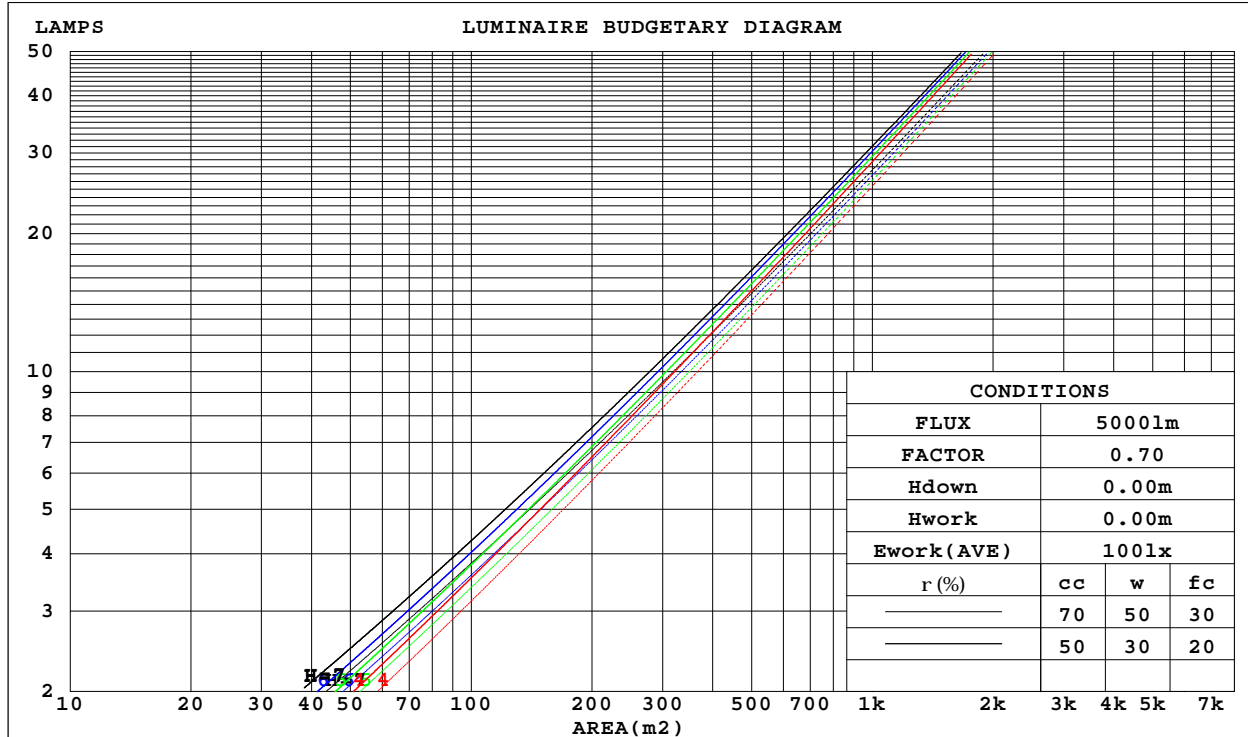
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

|                 |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |      |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| r <sub>cc</sub> | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0    |
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| r <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0    |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |
| 0.0             | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                            | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0             | 1.10                  | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04                            | 1.02 | 1.01 | 1.00 | .99  | .98  | .97  | .96  | .95  | .93  |
| 2.0             | 1.03                  | .98  | .95  | 1.01 | .97  | .94  | .98                             | .95  | .92  | .95  | .92  | .90  | .92  | .90  | .88  | .86  |
| 3.0             | .96                   | .91  | .87  | .94  | .90  | .86  | .92                             | .88  | .85  | .89  | .86  | .83  | .87  | .84  | .82  | .80  |
| 4.0             | .90                   | .84  | .80  | .89  | .83  | .79  | .86                             | .82  | .78  | .84  | .81  | .78  | .83  | .79  | .77  | .75  |
| 5.0             | .84                   | .79  | .74  | .83  | .78  | .74  | .82                             | .77  | .73  | .80  | .76  | .73  | .78  | .75  | .72  | .71  |
| 6.0             | .80                   | .74  | .70  | .79  | .73  | .69  | .77                             | .72  | .69  | .76  | .72  | .68  | .75  | .71  | .68  | .66  |
| 7.0             | .75                   | .69  | .65  | .75  | .69  | .65  | .73                             | .68  | .65  | .72  | .68  | .65  | .71  | .67  | .64  | .63  |
| 8.0             | .72                   | .66  | .62  | .71  | .65  | .62  | .70                             | .65  | .61  | .69  | .64  | .61  | .68  | .64  | .61  | .60  |
| 9.0             | .68                   | .62  | .59  | .68  | .62  | .58  | .67                             | .62  | .58  | .66  | .61  | .58  | .65  | .61  | .58  | .57  |
| 10.0            | .65                   | .59  | .56  | .64  | .59  | .56  | .64                             | .59  | .55  | .63  | .58  | .55  | .62  | .58  | .55  | .54  |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

WEC AND CCEC

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

| rcc             | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| r <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0             |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0             | .185                  | .105 | .033 | .178 | .101 | .032 | .165                            | .095 | .030 | .154 | .089 | .028 | .143 | .083 | .027 |   |
| 2.0             | .175                  | .096 | .029 | .170 | .093 | .029 | .159                            | .088 | .027 | .149 | .084 | .026 | .140 | .079 | .025 |   |
| 3.0             | .165                  | .088 | .026 | .160 | .086 | .026 | .151                            | .082 | .025 | .143 | .078 | .024 | .135 | .075 | .023 |   |
| 4.0             | .156                  | .081 | .024 | .152 | .079 | .023 | .144                            | .076 | .023 | .136 | .073 | .022 | .130 | .070 | .021 |   |
| 5.0             | .147                  | .075 | .022 | .143 | .074 | .021 | .137                            | .071 | .021 | .130 | .069 | .020 | .124 | .066 | .020 |   |
| 6.0             | .139                  | .070 | .020 | .136 | .069 | .020 | .130                            | .067 | .019 | .124 | .065 | .019 | .119 | .063 | .019 |   |
| 7.0             | .132                  | .065 | .019 | .129 | .064 | .018 | .124                            | .063 | .018 | .119 | .061 | .018 | .114 | .059 | .017 |   |
| 8.0             | .126                  | .061 | .017 | .123 | .061 | .017 | .118                            | .059 | .017 | .114 | .058 | .017 | .110 | .056 | .016 |   |
| 9.0             | .120                  | .058 | .016 | .117 | .057 | .016 | .113                            | .056 | .016 | .109 | .055 | .016 | .106 | .054 | .016 |   |
| 10.0            | .114                  | .055 | .015 | .112 | .054 | .015 | .109                            | .053 | .015 | .105 | .052 | .015 | .102 | .051 | .015 |   |

| rcc             | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| r <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| r <sub>fc</sub> | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0             | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0             | .172                  | .157 | .144 | .147 | .135 | .124 | .100                                       | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 |   |
| 2.0             | .157                  | .132 | .112 | .134 | .114 | .097 | .092                                       | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0             | .144                  | .114 | .089 | .124 | .098 | .077 | .085                                       | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .010 |   |
| 4.0             | .134                  | .099 | .072 | .115 | .085 | .063 | .079                                       | .060 | .044 | .046 | .035 | .026 | .015 | .011 | .009 |   |
| 5.0             | .125                  | .087 | .060 | .107 | .076 | .052 | .074                                       | .053 | .037 | .043 | .031 | .022 | .014 | .010 | .007 |   |
| 6.0             | .117                  | .078 | .050 | .101 | .067 | .043 | .069                                       | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0             | .110                  | .070 | .042 | .095 | .061 | .037 | .065                                       | .043 | .026 | .038 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0             | .104                  | .064 | .036 | .090 | .055 | .032 | .062                                       | .039 | .022 | .036 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0             | .099                  | .059 | .032 | .085 | .051 | .028 | .059                                       | .036 | .020 | .034 | .021 | .012 | .011 | .007 | .004 |   |
| 10.0            | .094                  | .054 | .028 | .081 | .047 | .024 | .056                                       | .033 | .017 | .033 | .020 | .010 | .011 | .006 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

Uncorrected UGR Table

|   |                  |      |      |      |       |                |      |                   |      |      |
|---|------------------|------|------|------|-------|----------------|------|-------------------|------|------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |                  |      |      |      |       |                |      |                   |      |      |
| NAME: 5RS067-4000K  |                  |      |      |      | TYPE: |                |      | WEIGHT:           |      |      |
| SPEC.:  |                  |      |      |      | DIM.: |                |      | SERIAL No.:001    |      |      |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  |                  |      |      |      | SUR.: |                |      | PROTECTION ANGLE: |      |      |
| ceiling/cavity  | 0.7              | 0.7  | 0.5  | 0.5  | 0.3   | 0.7            | 0.7  | 0.5               | 0.5  | 0.3  |
| walls   | 0.5              | 0.3  | 0.5  | 0.3  | 0.3   | 0.5            | 0.3  | 0.5               | 0.3  | 0.3  |
| working plane   | 0.2              | 0.2  | 0.2  | 0.2  | 0.2   | 0.2            | 0.2  | 0.2               | 0.2  | 0.2  |
| Room dimensions   | Viewed crosswise |      |      |      |       | Viewed endwise |      |                   |      |      |
| x = 2H y = 2H   | 19.7             | 20.7 | 20.0 | 20.8 | 21.0  | 20.0           | 21.0 | 20.3              | 21.1 | 21.3 |
| 3H  | 20.4             | 21.2 | 20.6 | 21.4 | 21.6  | 20.7           | 21.5 | 20.9              | 21.7 | 21.9 |
| 4H  | 20.6             | 21.4 | 20.8 | 21.6 | 21.8  | 20.9           | 21.7 | 21.2              | 21.9 | 22.2 |
| 6H  | 20.6             | 21.4 | 20.9 | 21.7 | 21.9  | 21.0           | 21.8 | 21.3              | 22.0 | 22.3 |
| 8H  | 20.6             | 21.4 | 21.0 | 21.6 | 21.9  | 21.0           | 21.8 | 21.3              | 22.0 | 22.3 |
| 12H   | 20.6             | 21.3 | 20.9 | 21.6 | 21.9  | 21.0           | 21.7 | 21.3              | 22.0 | 22.3 |
| 4H 2H   | 20.0             | 20.8 | 20.2 | 21.0 | 21.2  | 20.2           | 21.0 | 20.5              | 21.3 | 21.5 |
| 3H  | 20.8             | 21.5 | 21.1 | 21.8 | 22.0  | 21.0           | 21.7 | 21.3              | 22.0 | 22.3 |
| 4H  | 21.1             | 21.7 | 21.4 | 22.0 | 22.3  | 21.3           | 22.0 | 21.7              | 22.3 | 22.6 |
| 6H  | 21.2             | 21.8 | 21.6 | 22.1 | 22.5  | 21.5           | 22.1 | 21.9              | 22.4 | 22.8 |
| 8H  | 21.2             | 21.7 | 21.6 | 22.1 | 22.5  | 21.5           | 22.1 | 21.9              | 22.4 | 22.8 |
| 12H   | 21.2             | 21.7 | 21.6 | 22.0 | 22.4  | 21.5           | 22.0 | 22.0              | 22.4 | 22.8 |
| 8H 4H   | 21.1             | 21.6 | 21.5 | 22.0 | 22.4  | 21.4           | 21.9 | 21.8              | 22.2 | 22.6 |
| 6H  | 21.3             | 21.7 | 21.7 | 22.1 | 22.6  | 21.6           | 22.0 | 22.0              | 22.4 | 22.8 |
| 8H  | 21.3             | 21.7 | 21.8 | 22.2 | 22.6  | 21.7           | 22.1 | 22.1              | 22.5 | 22.9 |
| 12H   | 21.3             | 21.7 | 21.8 | 22.1 | 22.6  | 21.7           | 22.0 | 22.2              | 22.5 | 22.9 |
| 12H 4H  | 21.1             | 21.6 | 21.5 | 21.9 | 22.3  | 21.3           | 21.8 | 21.7              | 22.2 | 22.6 |
| 6H  | 21.3             | 21.7 | 21.7 | 22.1 | 22.5  | 21.6           | 22.0 | 22.0              | 22.4 | 22.8 |
| 8H  | 21.3             | 21.7 | 21.8 | 22.1 | 22.6  | 21.7           | 22.0 | 22.1              | 22.4 | 22.9 |
| Variations with the observer position at spacings:                |                  |      |      |      |       |                |      |                   |      |      |
| S = 1.0H  | + 0.8 / - 1.0    |      |      |      |       | + 1.0 / - 0.9  |      |                   |      |      |
| 1.5H  | + 1.1 / - 0.7    |      |      |      |       | + 1.8 / - 0.7  |      |                   |      |      |
| 2.0H  | + 1.3 / - 0.9    |      |      |      |       | + 1.7 / - 0.9  |      |                   |      |      |

CIE Pub.117 Corrected 454.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

UTILIZATION FACTORS TABLE

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

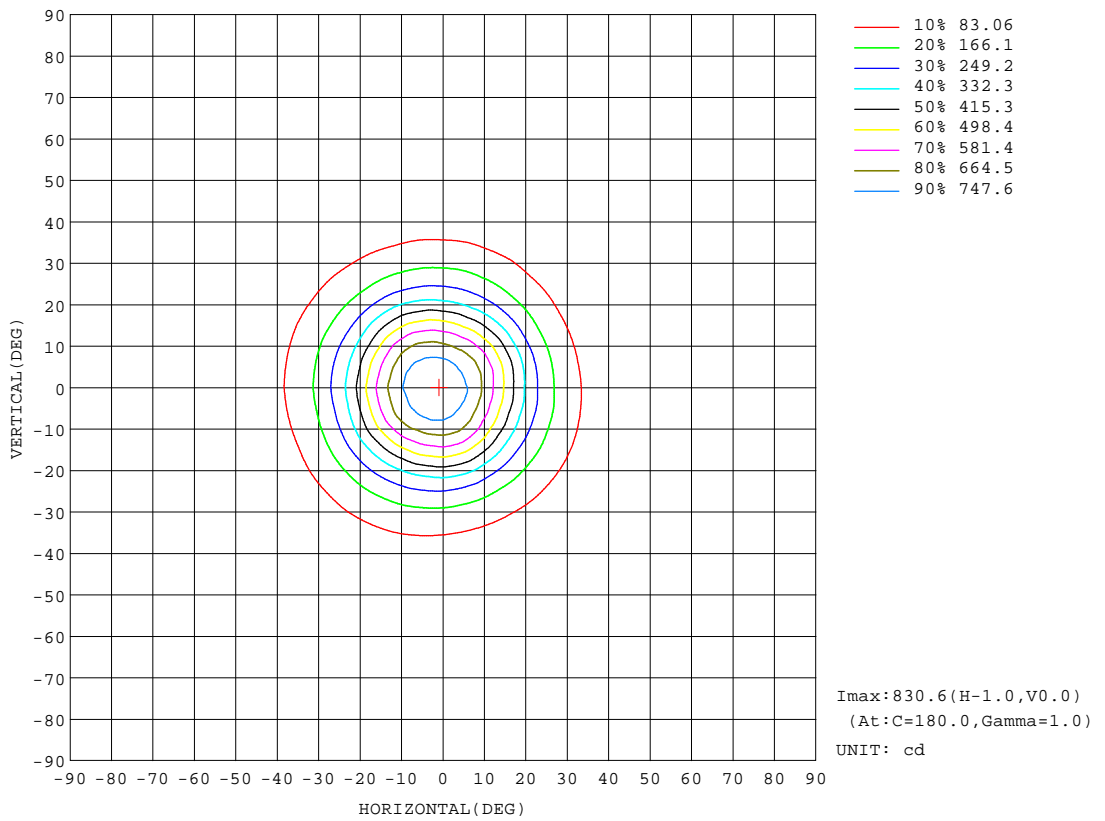
| REFLECTANCE                      |  |     |           |     |     |     |               |     |     |        |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling                          | 0.8  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5           | 0.5 | 0.5 | 0      |
| Walls                            | 0.7  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7           | 0.5 | 0.3 | 0      |
| Working plane                    | 0.2  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5 |     |           |     |     |     |               |     |     |        |
| k = 0.60                         | 83   | 76  | 72        | 82  | 76  | 72  | 82            | 75  | 71  | 67     |
| 0.80                             | 91   | 84  | 80        | 90  | 84  | 80  | 89            | 83  | 79  | 75     |
| 1.00                             | 96   | 90  | 85        | 95  | 89  | 85  | 93            | 89  | 85  | 80     |
| 1.25                             | 100  | 94  | 91        | 99  | 94  | 90  | 97            | 93  | 89  | 85     |
| 1.50                             | 103  | 98  | 94        | 102 | 97  | 94  | 100           | 96  | 93  | 88     |
| 2.00                             | 107  | 102 | 98        | 105 | 101 | 98  | 102           | 99  | 96  | 91     |
| 2.50                             | 109  | 104 | 101       | 107 | 103 | 100 | 104           | 101 | 98  | 92     |
| 3.00                             | 110  | 107 | 104       | 109 | 105 | 102 | 105           | 103 | 100 | 94     |
| 4.00                             | 113  | 110 | 107       | 111 | 108 | 106 | 107           | 105 | 103 | 96     |
| 5.00                             | 114  | 112 | 109       | 112 | 110 | 108 | 108           | 106 | 105 | 97     |
| ROOM INDEX                       | UF(total)                                    |     |           |     |     |     |               |     |     | Direct |
| According to DIN EN 13032-2 2004 |  |     | Suspended |     |     |     | SHRNOM = 1.25 |     |     |        |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |



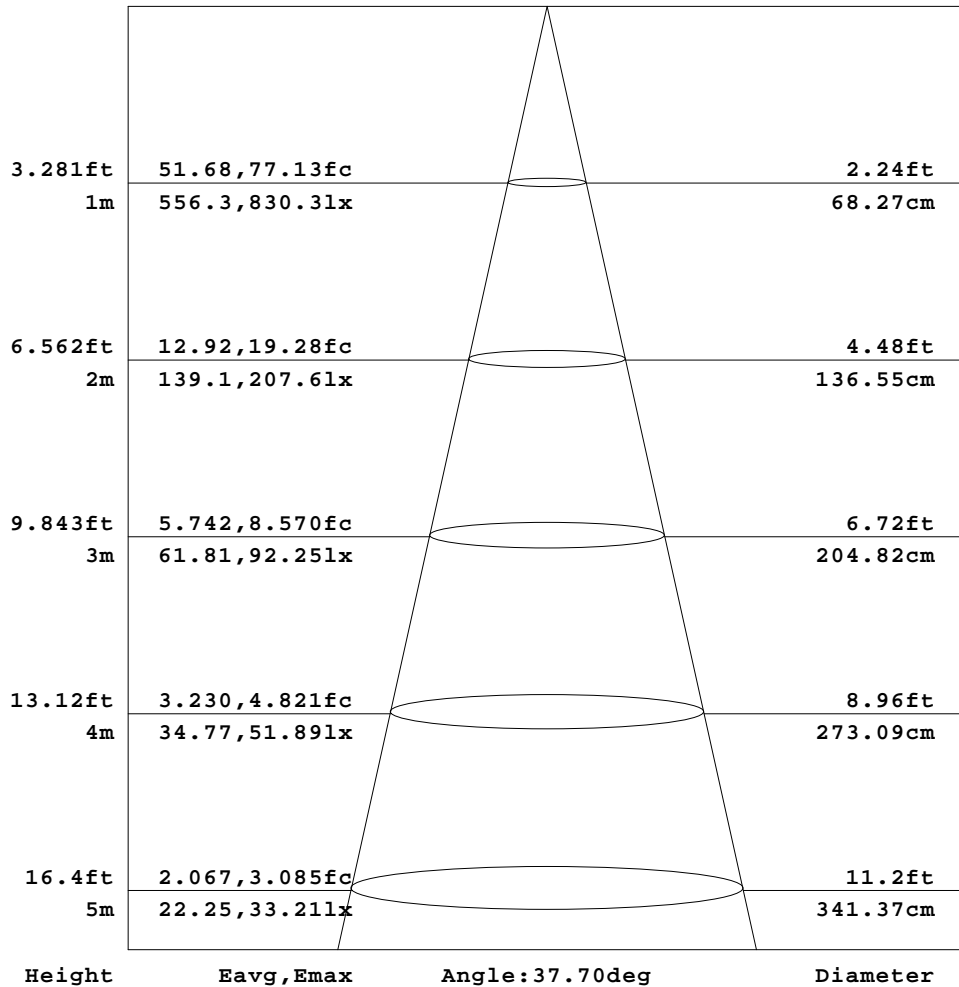
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2018-02-06

Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
Humidity:65.0%  
Test Distance:8.989m [K=1.0000]  
Remarks:

AAI Figure

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

Flux out:207.2 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

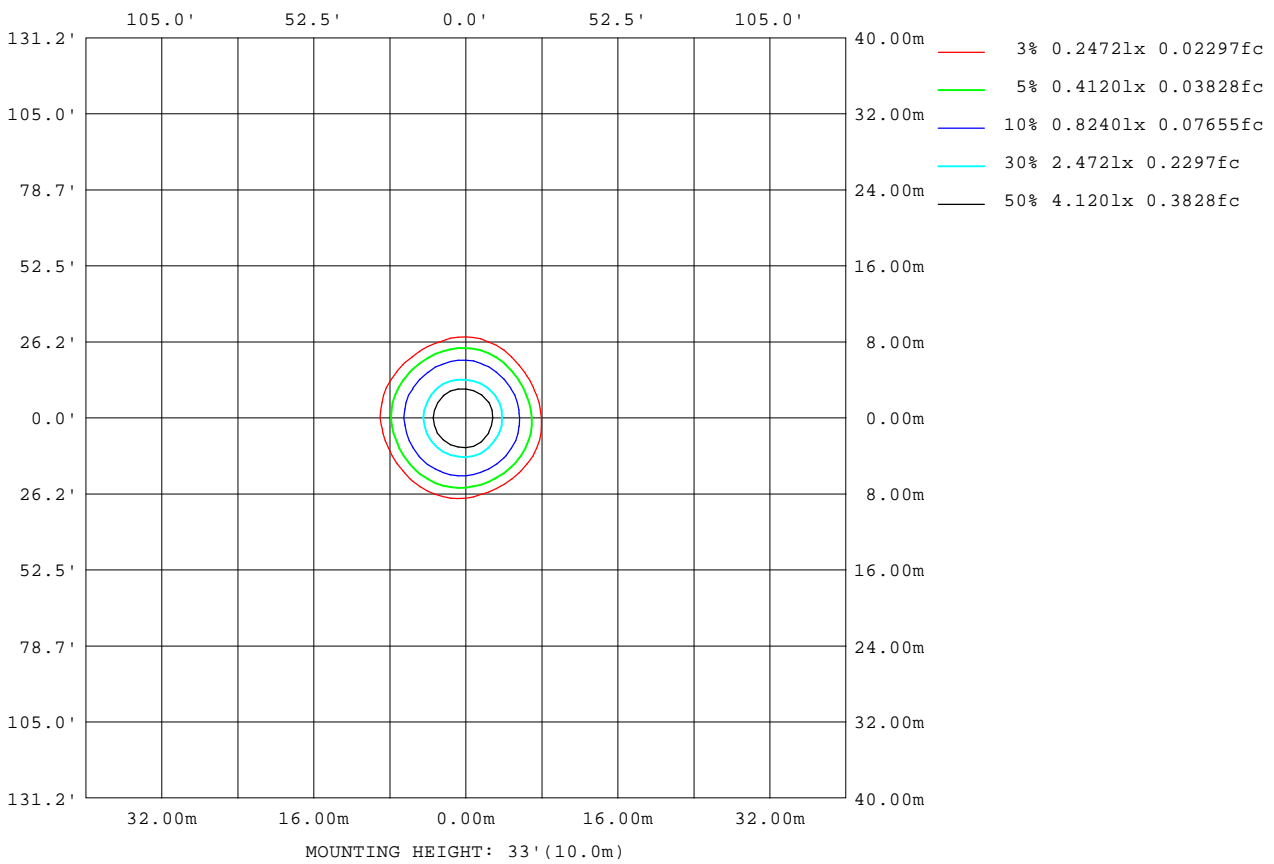
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

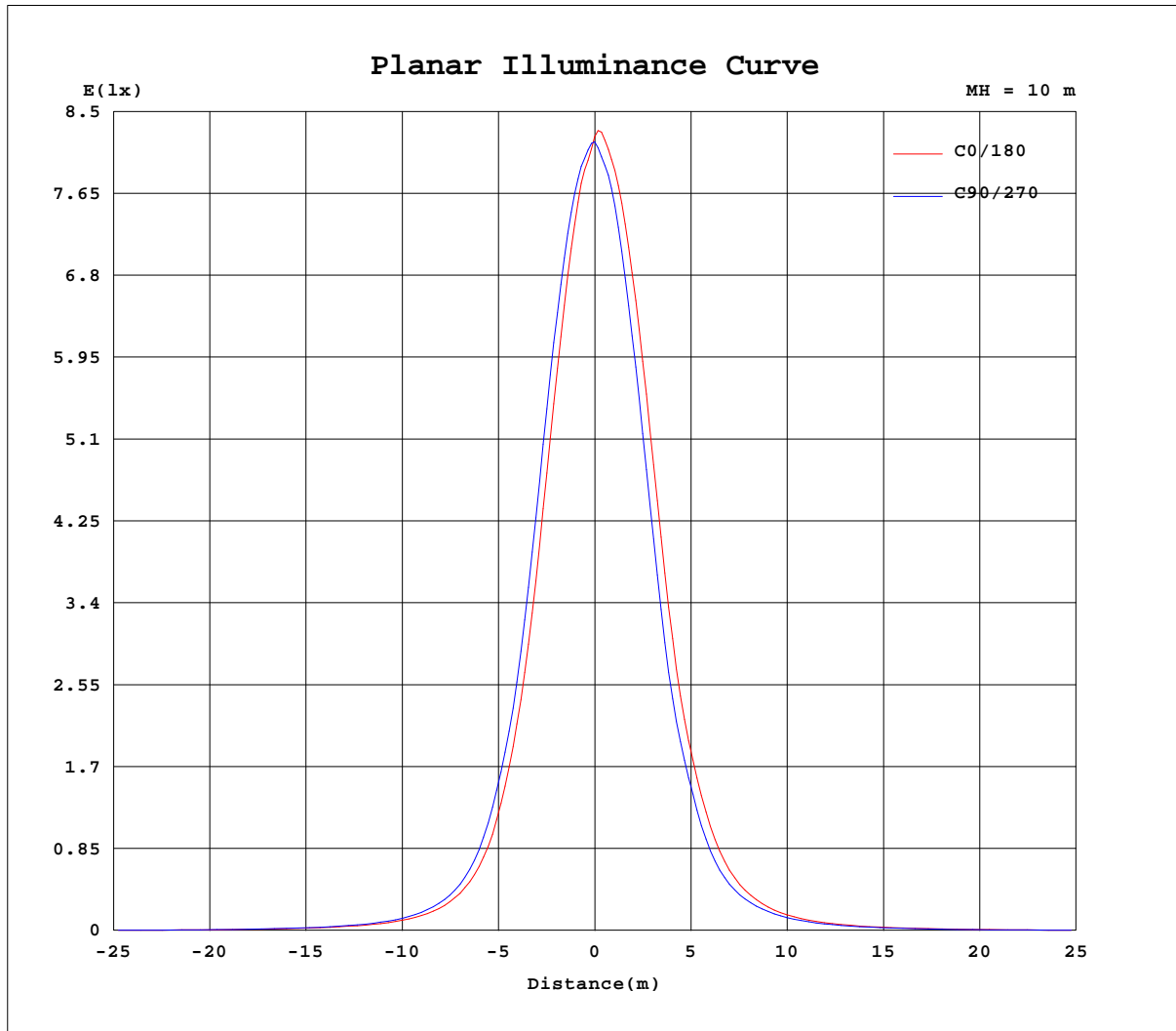
|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2018-02-06

Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG)<br>g (DEG) | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  |
| 5                 | 761  | 763  | 764  | 765  | 765  | 770  | 773  | 780  | 784  | 790  | 792  | 797  | 798  | 802  | 800  | 801  | 799  | 803  | 805  |
| 10                | 642  | 643  | 642  | 648  | 654  | 670  | 681  | 693  | 696  | 703  | 703  | 712  | 715  | 726  | 730  | 737  | 735  | 736  | 739  |
| 15                | 483  | 485  | 482  | 493  | 501  | 520  | 531  | 547  | 551  | 560  | 558  | 568  | 575  | 593  | 601  | 613  | 612  | 614  | 614  |
| 20                | 321  | 324  | 323  | 330  | 337  | 350  | 360  | 376  | 380  | 389  | 388  | 400  | 405  | 421  | 429  | 445  | 439  | 442  | 445  |
| 25                | 200  | 207  | 208  | 212  | 213  | 219  | 224  | 235  | 240  | 249  | 253  | 261  | 266  | 275  | 282  | 289  | 290  | 288  | 293  |
| 30                | 117  | 119  | 122  | 125  | 126  | 130  | 131  | 138  | 142  | 150  | 154  | 163  | 167  | 175  | 178  | 181  | 182  | 184  | 189  |
| 35                | 70.3 | 72.4 | 74.5 | 75.0 | 75.0 | 75.8 | 76.5 | 79.4 | 83.0 | 87.6 | 92.4 | 97.1 | 98.9 | 103  | 104  | 106  | 107  | 109  | 113  |
| 40                | 44.7 | 47.0 | 48.0 | 48.1 | 46.8 | 46.8 | 46.6 | 48.1 | 50.9 | 55.2 | 58.4 | 61.4 | 62.3 | 63.0 | 61.8 | 63.6 | 64.1 | 67.8 | 71.0 |
| 45                | 30.2 | 31.8 | 32.3 | 32.5 | 31.5 | 31.1 | 30.8 | 31.5 | 33.3 | 36.4 | 39.3 | 40.9 | 41.4 | 41.0 | 39.8 | 40.0 | 40.8 | 43.1 | 46.0 |
| 50                | 21.8 | 22.6 | 22.8 | 22.9 | 22.5 | 22.2 | 22.0 | 22.4 | 23.3 | 25.3 | 27.1 | 28.1 | 28.6 | 28.3 | 27.4 | 27.3 | 28.1 | 29.2 | 31.1 |
| 55                | 16.2 | 16.5 | 16.7 | 16.8 | 16.6 | 16.6 | 16.5 | 16.8 | 17.3 | 18.4 | 19.4 | 20.1 | 20.4 | 20.5 | 20.1 | 20.1 | 20.3 | 21.0 | 22.1 |
| 60                | 12.2 | 12.4 | 12.5 | 12.6 | 12.5 | 12.5 | 12.7 | 13.0 | 13.7 | 14.2 | 14.7 | 14.9 | 15.0 | 14.9 | 15.0 | 15.1 | 15.5 | 16.1 |      |
| 65                | 9.06 | 9.26 | 9.29 | 9.37 | 9.26 | 9.32 | 9.34 | 9.53 | 9.73 | 10.2 | 10.6 | 10.9 | 11.0 | 11.2 | 11.0 | 11.1 | 11.2 | 11.4 | 12.0 |
| 70                | 6.43 | 6.64 | 6.70 | 6.76 | 6.59 | 6.65 | 6.67 | 6.84 | 6.98 | 7.39 | 7.77 | 8.15 | 8.25 | 8.11 | 7.97 | 8.04 | 8.05 | 8.27 | 8.92 |
| 75                | 3.76 | 3.92 | 3.99 | 4.06 | 3.88 | 3.88 | 3.88 | 4.04 | 4.13 | 4.46 | 4.73 | 5.17 | 5.19 | 5.13 | 4.96 | 5.08 | 5.12 | 5.38 | 5.92 |
| 80                | 1.82 | 1.86 | 1.86 | 1.94 | 1.94 | 1.98 | 2.02 | 2.10 | 2.17 | 2.35 | 2.52 | 2.73 | 2.71 | 2.68 | 2.57 | 2.62 | 2.63 | 2.81 | 3.15 |
| 85                | 0.30 | 0.25 | 0.25 | 0.34 | 0.49 | 0.55 | 0.61 | 0.65 | 0.74 | 0.81 | 0.87 | 0.95 | 1.01 | 1.05 | 1.11 | 1.15 | 1.17 | 1.18 | 1.27 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|   |       |                   |
|---|-------|-------------------|
| Test:U:231.2V I:0.0225A P:4.230W PF:0.8147 Lamp Flux:454.242x1 lm |       |                   |
| NAME: 5RS067-4000K  | TYPE: | WEIGHT:           |
| SPEC.:  | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                  | SUR.: | PROTECTION ANGLE: |

Table--2

UNIT: cd

| C(DEG)<br>g (DEG) | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270  | 280  | 290  | 300  | 310  | 320  | 330  | 340  | 350  |  |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 0                 | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  | 819  |  |  |
| 5                 | 805  | 805  | 801  | 801  | 795  | 793  | 788  | 785  | 780  | 777  | 770  | 767  | 762  | 762  | 760  | 761  | 761  |  |  |
| 10                | 732  | 736  | 731  | 732  | 722  | 716  | 703  | 693  | 679  | 673  | 665  | 665  | 663  | 666  | 661  | 660  | 653  |  |  |
| 15                | 603  | 603  | 599  | 603  | 592  | 584  | 562  | 551  | 531  | 523  | 514  | 515  | 512  | 516  | 510  | 507  | 496  |  |  |
| 20                | 433  | 437  | 430  | 431  | 421  | 413  | 392  | 380  | 361  | 352  | 344  | 344  | 343  | 342  | 336  | 335  | 330  |  |  |
| 25                | 289  | 285  | 280  | 278  | 271  | 264  | 252  | 245  | 237  | 233  | 225  | 217  | 210  | 207  | 202  | 202  | 204  |  |  |
| 30                | 188  | 184  | 177  | 171  | 163  | 162  | 155  | 153  | 147  | 143  | 135  | 130  | 124  | 121  | 117  | 117  | 116  |  |  |
| 35                | 112  | 111  | 105  | 102  | 96.7 | 95.3 | 91.1 | 90.9 | 87.5 | 86.5 | 81.5 | 78.5 | 72.2 | 69.7 | 66.9 | 67.0 | 68.3 |  |  |
| 40                | 70.3 | 69.1 | 65.0 | 62.4 | 58.3 | 57.7 | 56.2 | 57.2 | 56.9 | 56.1 | 52.4 | 49.6 | 45.4 | 42.4 | 40.9 | 41.4 | 42.6 |  |  |
| 45                | 46.0 | 45.3 | 42.7 | 40.4 | 37.8 | 37.4 | 37.3 | 38.3 | 38.5 | 37.9 | 35.5 | 33.2 | 30.3 | 28.7 | 27.8 | 28.0 | 29.1 |  |  |
| 50                | 31.3 | 31.1 | 29.5 | 27.9 | 26.4 | 26.2 | 26.2 | 26.6 | 26.7 | 26.3 | 24.9 | 23.4 | 21.7 | 20.8 | 20.3 | 20.6 | 21.1 |  |  |
| 55                | 22.2 | 22.2 | 21.3 | 20.5 | 19.5 | 19.4 | 19.2 | 19.3 | 19.1 | 19.0 | 18.2 | 17.3 | 16.3 | 15.8 | 15.4 | 15.7 | 15.8 |  |  |
| 60                | 16.2 | 16.2 | 15.7 | 15.3 | 14.6 | 14.5 | 14.3 | 14.3 | 14.1 | 14.0 | 13.5 | 13.0 | 12.4 | 12.0 | 11.8 | 11.9 | 12.0 |  |  |
| 65                | 12.1 | 12.1 | 11.6 | 11.4 | 10.9 | 10.8 | 10.6 | 10.6 | 10.5 | 10.5 | 10.1 | 9.76 | 9.31 | 9.10 | 8.90 | 8.97 | 8.98 |  |  |
| 70                | 9.17 | 9.10 | 8.58 | 8.25 | 7.92 | 7.83 | 7.62 | 7.71 | 7.83 | 7.90 | 7.44 | 7.03 | 6.61 | 6.47 | 6.29 | 6.35 | 6.37 |  |  |
| 75                | 6.13 | 6.06 | 5.56 | 5.27 | 4.93 | 4.88 | 4.64 | 4.75 | 4.76 | 4.81 | 4.43 | 4.17 | 3.86 | 3.81 | 3.69 | 3.73 | 3.70 |  |  |
| 80                | 3.22 | 3.19 | 2.91 | 2.75 | 2.57 | 2.53 | 2.44 | 2.53 | 2.52 | 2.52 | 2.26 | 2.13 | 2.00 | 1.95 | 1.89 | 1.89 | 1.87 |  |  |
| 85                | 1.27 | 1.27 | 1.22 | 1.19 | 1.14 | 1.07 | 1.02 | 0.94 | 0.86 | 0.78 | 0.72 | 0.64 | 0.57 | 0.51 | 0.49 | 0.46 | 0.44 |  |  |
| 90                | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 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 Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2018-02-06

g Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.279  
 Humidity:65.0%  
 Test Distance:8.989m [K=1.0000]  
 Remarks: