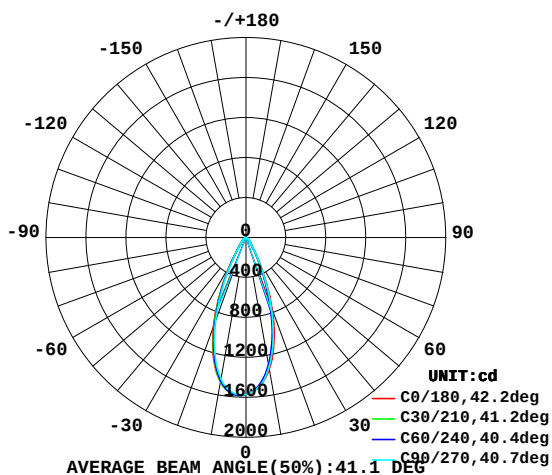


## LUMINAIRE PHOTOMETRIC TEST REPORT

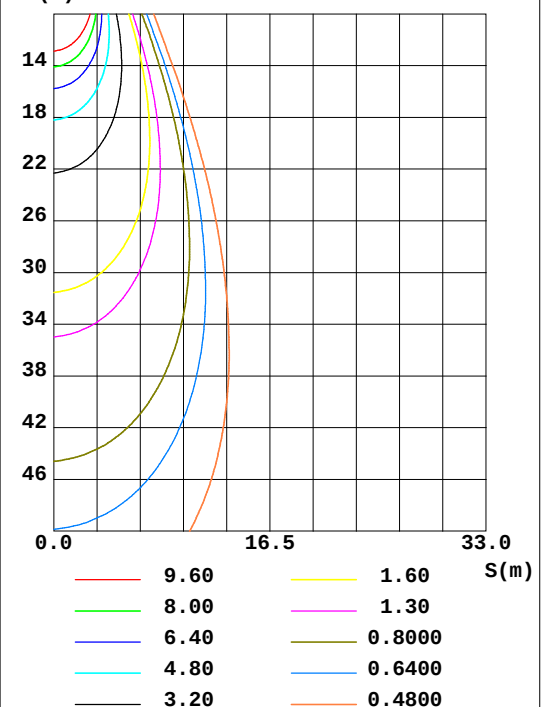
|                                                                  |       |                   |
|------------------------------------------------------------------|-------|-------------------|
| Test:U:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | TYPE: | WEIGHT:           |
| SPEC.:                                                           | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                 | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP     |              | PHOTOMETRIC DATA Eff: 89.46 lm/W |        |                    |           |
|------------------|--------------|----------------------------------|--------|--------------------|-----------|
| MODEL            | 5RS019-6000k | I <sub>max</sub> (cd)            | 1582   | S/MH(C0/180)       | 0.63      |
| NOMINAL POWER(W) | 10           | LOR(%)                           | 100.0  | S/MH(C90/270)      | 0.62      |
| RATED VOLTAGE(V) | 230          | TOTAL FLUX(lm)                   | 891.72 | h UP, DN(C0-180)   | 0.0, 46.9 |
| NOMINAL FLUX(lm) | 891.72       | CIE CLASS                        | DIRECT | h UP, DN(C180-360) | 0.0, 53.1 |
| LAMPS INSIDE     | 1            | h up(%)                          | 0.0    | CIBSE SHR NOM      | 0.50      |
| TEST VOLTAGE(V)  | 230.3        | h down(%)                        | 100.0  | CIBSE SHR MAX      | 0.70      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2017-04-27

g Range: 0 - 90DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_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  | 1340                  | 1298   | 1325   | 1398   | 1470   | 1464   | 1439   | 1408   | 0- 10   | 141.9    | 141.9   | 15.9, 15.9 |
| 20  | 772.3                 | 707.7  | 732.7  | 842.7  | 954.9  | 920.9  | 889.0  | 868.5  | 10- 20  | 313.7    | 455.6   | 51.1, 51.1 |
| 30  | 236.6                 | 210.0  | 223.2  | 271.9  | 333.5  | 321.2  | 306.9  | 291.1  | 20- 30  | 237.8    | 693.3   | 77.8, 77.8 |
| 40  | 75.01                 | 71.98  | 76.56  | 79.25  | 92.68  | 90.56  | 85.03  | 79.12  | 30- 40  | 92.76    | 786.1   | 88.2, 88.2 |
| 50  | 40.81                 | 39.37  | 39.76  | 40.53  | 45.81  | 44.74  | 43.63  | 41.67  | 40- 50  | 44.37    | 830.5   | 93.1, 93.1 |
| 60  | 23.53                 | 23.20  | 23.68  | 24.16  | 26.53  | 25.83  | 25.88  | 24.49  | 50- 60  | 29.16    | 859.6   | 96.4, 96.4 |
| 70  | 12.38                 | 12.27  | 12.89  | 13.40  | 14.45  | 13.88  | 14.35  | 13.53  | 60- 70  | 18.36    | 878.0   | 98.5, 98.5 |
| 80  | 5.640                 | 5.527  | 6.022  | 6.069  | 7.222  | 7.005  | 7.332  | 6.040  | 70- 80  | 10.28    | 888.3   | 99.6, 99.6 |
| 90  | 0.0305                | 0.0092 | 0.0185 | 0.0373 | 0.8286 | 0.9030 | 0.6117 | 0.0311 | 80- 90  | 3.457    | 891.7   | 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 |         |            |

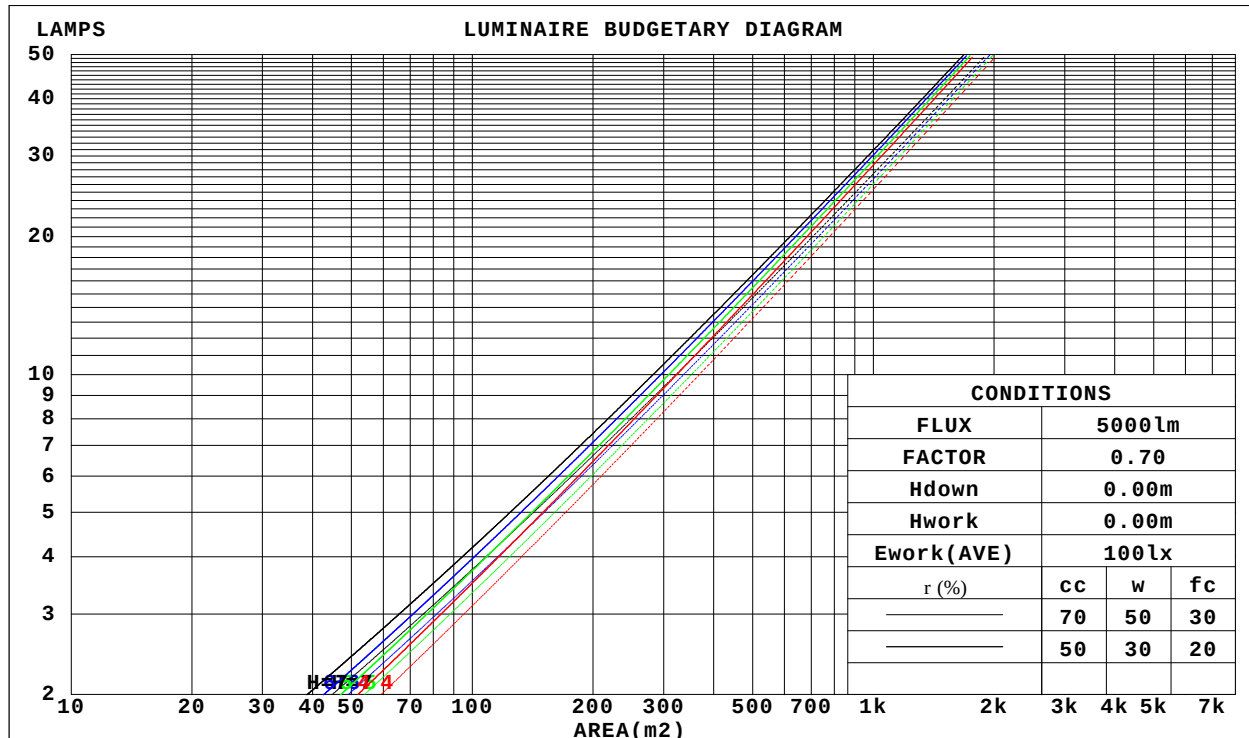
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 01  
 Test Date: 2017-04-27

g Range: 0 - 90DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                  |       |                   |
|------------------------------------------------------------------|-------|-------------------|
| Test:U:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | 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 | .00 |
| 1.0             | 1.11                                                  | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.01 | 1.01 | .99  | .98  | .97  | .96  | .95  | .93 |
| 2.0             | 1.03                                                  | .99  | .95  | 1.01 | .97  | .94  | .98  | .95  | .92  | .95  | .92  | .90  | .92  | .90  | .88  | .87 |
| 3.0             | .96                                                   | .91  | .87  | .95  | .90  | .87  | .92  | .88  | .85  | .90  | .87  | .84  | .88  | .85  | .83  | .81 |
| 4.0             | .90                                                   | .85  | .81  | .89  | .84  | .80  | .87  | .83  | .79  | .85  | .82  | .79  | .83  | .80  | .78  | .76 |
| 5.0             | .85                                                   | .80  | .75  | .84  | .79  | .75  | .83  | .78  | .74  | .81  | .77  | .74  | .79  | .76  | .73  | .72 |
| 6.0             | .81                                                   | .75  | .71  | .80  | .74  | .71  | .78  | .74  | .70  | .77  | .73  | .70  | .76  | .72  | .69  | .68 |
| 7.0             | .77                                                   | .71  | .67  | .76  | .70  | .67  | .75  | .70  | .66  | .73  | .69  | .66  | .72  | .68  | .66  | .64 |
| 8.0             | .73                                                   | .67  | .63  | .72  | .67  | .63  | .71  | .66  | .63  | .70  | .66  | .63  | .69  | .65  | .62  | .61 |
| 9.0             | .69                                                   | .64  | .60  | .69  | .64  | .60  | .68  | .63  | .60  | .67  | .63  | .60  | .66  | .62  | .59  | .58 |
| 10.0            | .66                                                   | .61  | .57  | .66  | .61  | .57  | .65  | .60  | .57  | .64  | .60  | .57  | .64  | .60  | .57  | .55 |



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2017-04-27

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:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |  |  |  |  |       |  |  |  |  |                   |  |  |  |  |
| NAME: 5RS019-6000k                                               |  |  |  |  | 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 Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 0.0             |                                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
| 1.0             | .183                                                  | .104 | .033 | .176 | .100 | .032 | .163 | .094 | .030 | .152 | .088 | .028 | .141 | .082 | .026 |   |
| 2.0             | .172                                                  | .094 | .029 | .166 | .092 | .028 | .156 | .087 | .027 | .146 | .082 | .026 | .137 | .078 | .024 |   |
| 3.0             | .162                                                  | .086 | .026 | .157 | .084 | .025 | .148 | .080 | .024 | .139 | .076 | .023 | .132 | .073 | .023 |   |
| 4.0             | .152                                                  | .079 | .023 | .148 | .077 | .023 | .140 | .074 | .022 | .133 | .071 | .022 | .126 | .069 | .021 |   |
| 5.0             | .143                                                  | .073 | .021 | .140 | .072 | .021 | .133 | .069 | .020 | .127 | .067 | .020 | .121 | .065 | .019 |   |
| 6.0             | .136                                                  | .068 | .019 | .133 | .067 | .019 | .127 | .065 | .019 | .121 | .063 | .019 | .116 | .061 | .018 |   |
| 7.0             | .129                                                  | .064 | .018 | .126 | .063 | .018 | .121 | .061 | .018 | .116 | .059 | .017 | .111 | .058 | .017 |   |
| 8.0             | .123                                                  | .060 | .017 | .120 | .059 | .017 | .116 | .058 | .016 | .111 | .056 | .016 | .107 | .055 | .016 |   |
| 9.0             | .117                                                  | .057 | .016 | .115 | .056 | .016 | .111 | .055 | .016 | .107 | .053 | .015 | .103 | .052 | .015 |   |
| 10.0            | .112                                                  | .054 | .015 | .110 | .053 | .015 | .106 | .052 | .015 | .103 | .051 | .014 | .099 | .050 | .014 |   |

| 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 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             | .156                                                             | .132 | .112 | .134 | .114 | .097 | .092 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0             | .144                                                             | .114 | .090 | .123 | .098 | .078 | .085 | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .011 |   |
| 4.0             | .133                                                             | .099 | .073 | .114 | .085 | .063 | .078 | .060 | .045 | .045 | .035 | .026 | .015 | .011 | .009 |   |
| 5.0             | .124                                                             | .087 | .060 | .106 | .075 | .052 | .073 | .053 | .037 | .042 | .031 | .022 | .014 | .010 | .007 |   |
| 6.0             | .116                                                             | .078 | .050 | .100 | .067 | .044 | .069 | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0             | .109                                                             | .070 | .043 | .094 | .061 | .037 | .065 | .043 | .026 | .038 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0             | .103                                                             | .064 | .037 | .089 | .055 | .032 | .061 | .039 | .023 | .036 | .023 | .014 | .012 | .008 | .004 |   |
| 9.0             | .098                                                             | .058 | .032 | .084 | .051 | .028 | .058 | .036 | .020 | .034 | .021 | .012 | .011 | .007 | .004 |   |
| 10.0            | .093                                                             | .054 | .028 | .080 | .047 | .024 | .055 | .033 | .017 | .032 | .019 | .010 | .010 | .006 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2017-04-27

g Range: 0 - 90DEG  
 g 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:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |     |                  |      |      |       |      |                |                   |      |      |      |
| NAME: 5RS019-6000k                                               |     |                  |      |      | 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                                                    | 2H  | 21.4             | 22.3 | 21.6 | 22.4  | 22.6 | 21.1           | 22.0              | 21.3 | 22.2 | 22.3 |
|                                                                  | 3H  | 22.1             | 22.9 | 22.3 | 23.1  | 23.3 | 21.9           | 22.7              | 22.1 | 22.9 | 23.1 |
|                                                                  | 4H  | 22.4             | 23.2 | 22.7 | 23.4  | 23.6 | 22.3           | 23.1              | 22.5 | 23.3 | 23.5 |
|                                                                  | 6H  | 22.7             | 23.4 | 23.0 | 23.7  | 23.9 | 22.6           | 23.3              | 22.9 | 23.6 | 23.8 |
|                                                                  | 8H  | 22.8             | 23.5 | 23.1 | 23.8  | 24.0 | 22.7           | 23.4              | 23.0 | 23.7 | 23.9 |
|                                                                  | 12H | 22.8             | 23.5 | 23.2 | 23.8  | 24.1 | 22.8           | 23.5              | 23.1 | 23.7 | 24.0 |
| 4H                                                               | 2H  | 21.6             | 22.4 | 21.9 | 22.6  | 22.9 | 21.4           | 22.2              | 21.7 | 22.4 | 22.7 |
|                                                                  | 3H  | 22.5             | 23.2 | 22.8 | 23.5  | 23.8 | 22.4           | 23.1              | 22.7 | 23.4 | 23.6 |
|                                                                  | 4H  | 23.0             | 23.6 | 23.3 | 23.9  | 24.2 | 22.9           | 23.5              | 23.2 | 23.8 | 24.1 |
|                                                                  | 6H  | 23.4             | 23.9 | 23.7 | 24.3  | 24.6 | 23.3           | 23.9              | 23.7 | 24.2 | 24.6 |
|                                                                  | 8H  | 23.5             | 24.0 | 23.9 | 24.4  | 24.8 | 23.5           | 24.0              | 23.9 | 24.4 | 24.7 |
|                                                                  | 12H | 23.6             | 24.1 | 24.0 | 24.5  | 24.9 | 23.6           | 24.1              | 24.0 | 24.5 | 24.8 |
| 8H                                                               | 4H  | 23.1             | 23.6 | 23.5 | 24.0  | 24.4 | 23.0           | 23.5              | 23.4 | 23.9 | 24.3 |
|                                                                  | 6H  | 23.6             | 24.1 | 24.1 | 24.5  | 24.9 | 23.6           | 24.0              | 24.0 | 24.4 | 24.8 |
|                                                                  | 8H  | 23.8             | 24.2 | 24.3 | 24.6  | 25.1 | 23.8           | 24.2              | 24.3 | 24.6 | 25.1 |
|                                                                  | 12H | 24.0             | 24.3 | 24.5 | 24.8  | 25.2 | 24.0           | 24.3              | 24.5 | 24.8 | 25.3 |
| 12H                                                              | 4H  | 23.1             | 23.6 | 23.5 | 24.0  | 24.3 | 23.0           | 23.5              | 23.4 | 23.9 | 24.3 |
|                                                                  | 6H  | 23.7             | 24.0 | 24.1 | 24.5  | 24.9 | 23.6           | 24.0              | 24.1 | 24.4 | 24.9 |
|                                                                  | 8H  | 23.9             | 24.2 | 24.4 | 24.7  | 25.1 | 23.9           | 24.2              | 24.4 | 24.7 | 25.1 |
| Variations with the observer position at spacings:               |     |                  |      |      |       |      |                |                   |      |      |      |
| S = 1.0H                                                         |     | + 0.4 / - 0.6    |      |      |       |      | + 0.5 / - 0.5  |                   |      |      |      |
| 1.5H                                                             |     | + 0.7 / - 0.3    |      |      |       |      | + 0.8 / - 0.3  |                   |      |      |      |
| 2.0H                                                             |     | + 0.7 / - 0.5    |      |      |       |      | + 0.7 / - 0.5  |                   |      |      |      |

CIE Pub.117 Corrected 891.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.4)

**C Range:** 0 - 360DEG  
**C Interval:** 10.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:** 01  
**Test Date:** 2017-04-27

**g Range:** 0 - 90DEG  
**g 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:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | TYPE: | WEIGHT:           |
| SPEC.:                                                           | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                 | SUR.: | PROTECTION ANGLE: |

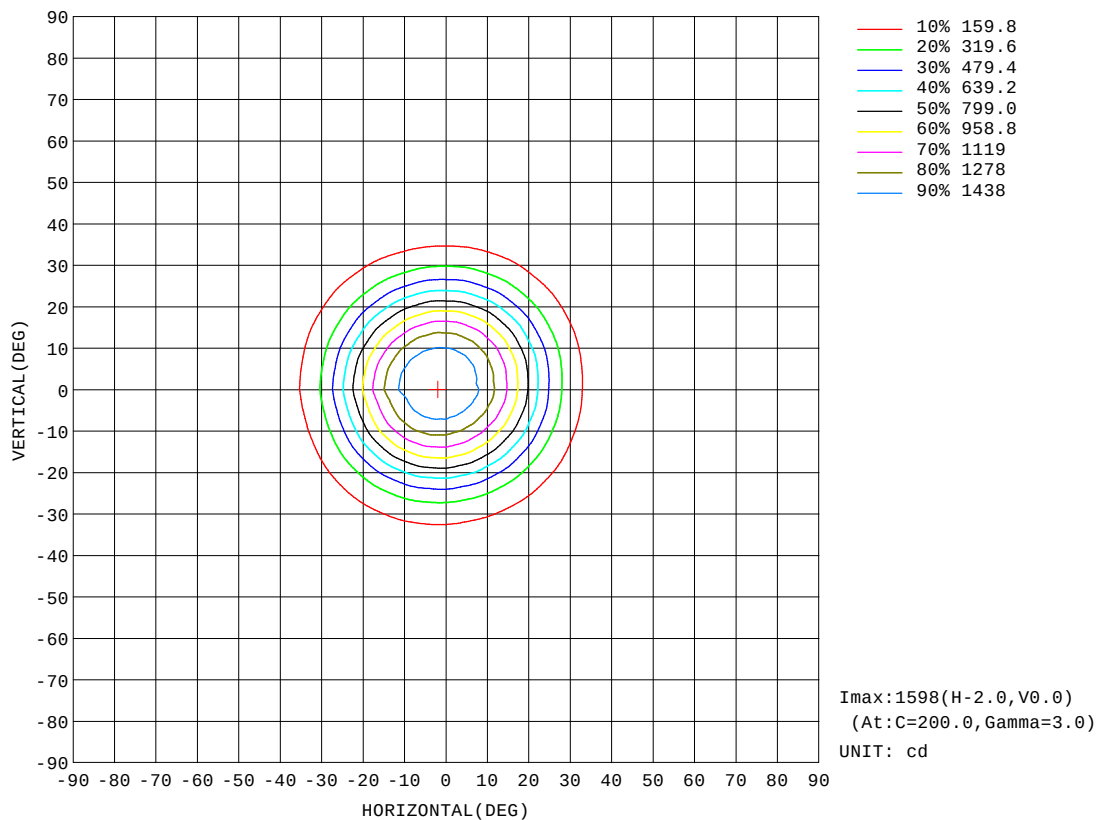
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| k = 0.60                         | 84                                                  | 77  | 73        | 84  | 77  | 73  | 83  | 77            | 73  | 69     |
| 0.80                             | 92                                                  | 85  | 81        | 91  | 85  | 81  | 90  | 84            | 81  | 77     |
| 1.00                             | 97                                                  | 90  | 86        | 96  | 90  | 86  | 94  | 90            | 86  | 81     |
| 1.25                             | 101                                                 | 95  | 91        | 100 | 95  | 91  | 98  | 93            | 90  | 86     |
| 1.50                             | 104                                                 | 99  | 95        | 103 | 98  | 94  | 100 | 96            | 93  | 88     |
| 2.00                             | 107                                                 | 102 | 99        | 106 | 101 | 98  | 103 | 99            | 97  | 91     |
| 2.50                             | 109                                                 | 105 | 101       | 107 | 103 | 100 | 104 | 101           | 99  | 92     |
| 3.00                             | 111                                                 | 107 | 104       | 109 | 105 | 103 | 105 | 103           | 101 | 94     |
| 4.00                             | 113                                                 | 110 | 107       | 111 | 108 | 106 | 107 | 105           | 103 | 96     |
| 5.00                             | 114                                                 | 112 | 110       | 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: 2017-04-27

Range: 0 - 90DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.279  
 Humidity: 65.0%  
 Test Distance: 8.989m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                  |       |                   |
|------------------------------------------------------------------|-------|-------------------|
| Test:U:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | TYPE: | WEIGHT:           |
| SPEC.:                                                           | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                 | SUR.: | PROTECTION ANGLE: |



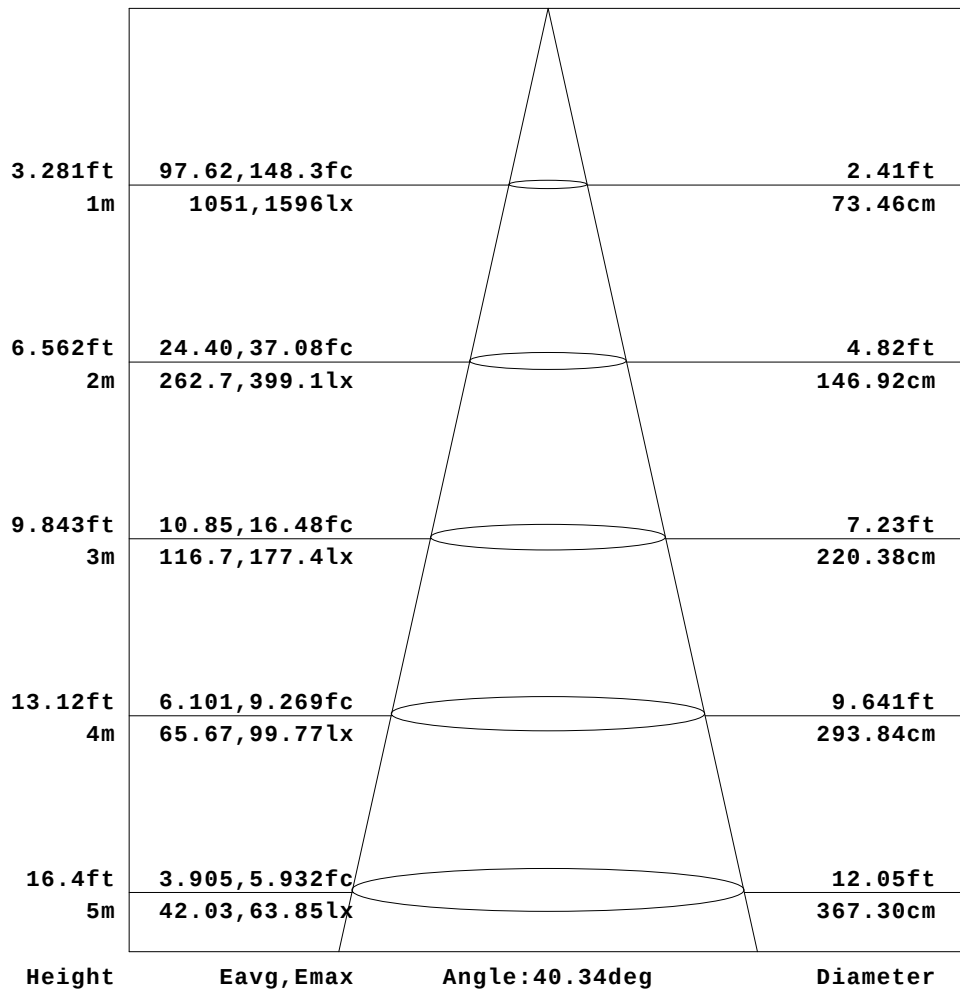
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2017-04-27

Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.279  
Humidity:65.0%  
Test Distance:8.989m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                  |       |                   |
|------------------------------------------------------------------|-------|-------------------|
| Test:U:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | TYPE: | WEIGHT:           |
| SPEC.:                                                           | DIM.: | SERIAL No.:001    |
| MFR.: Suzhou Radiant Lighting Technology Co.,Ltd                 | SUR.: | PROTECTION ANGLE: |

Flux out:486.4 lm



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

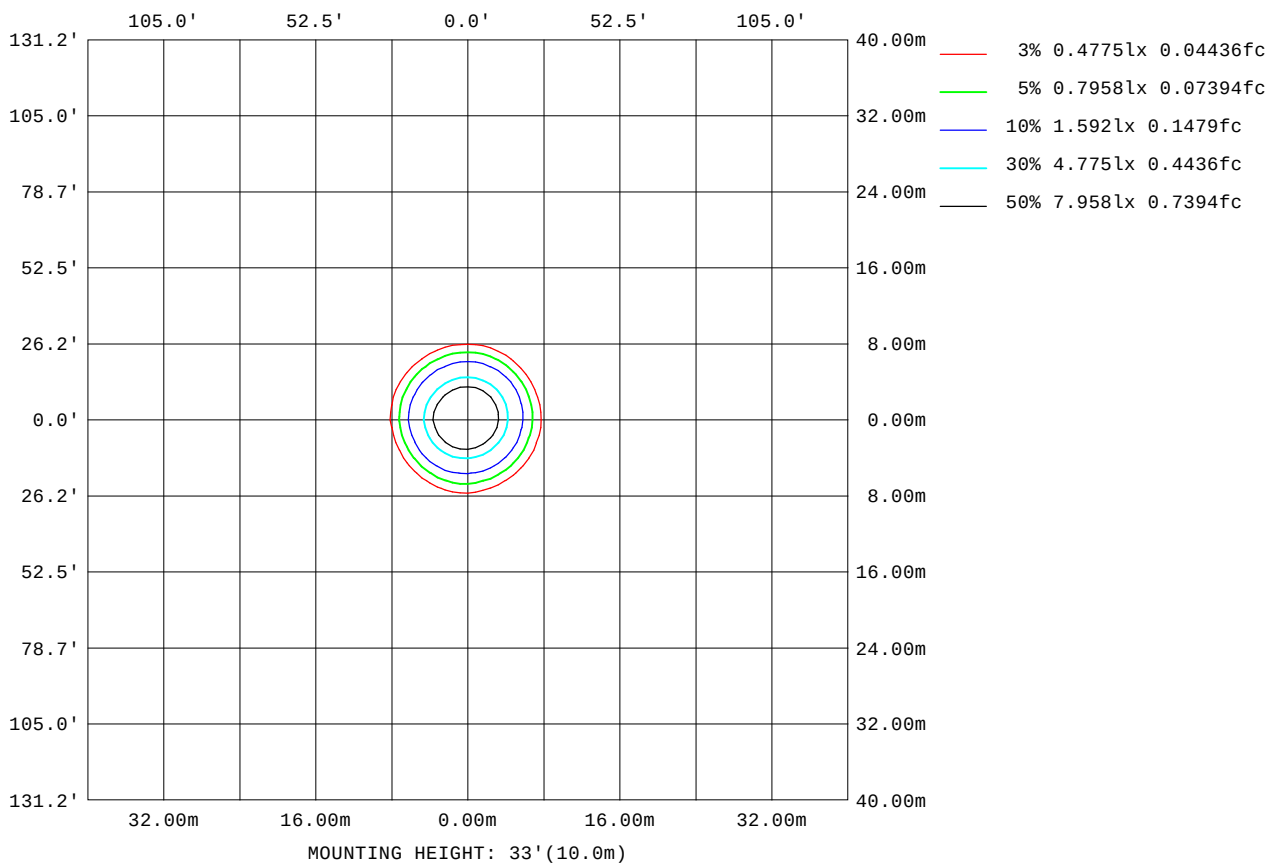
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 01  
Test Date: 2017-04-27

g Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.279  
Humidity: 65.0%  
Test Distance: 8.989m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

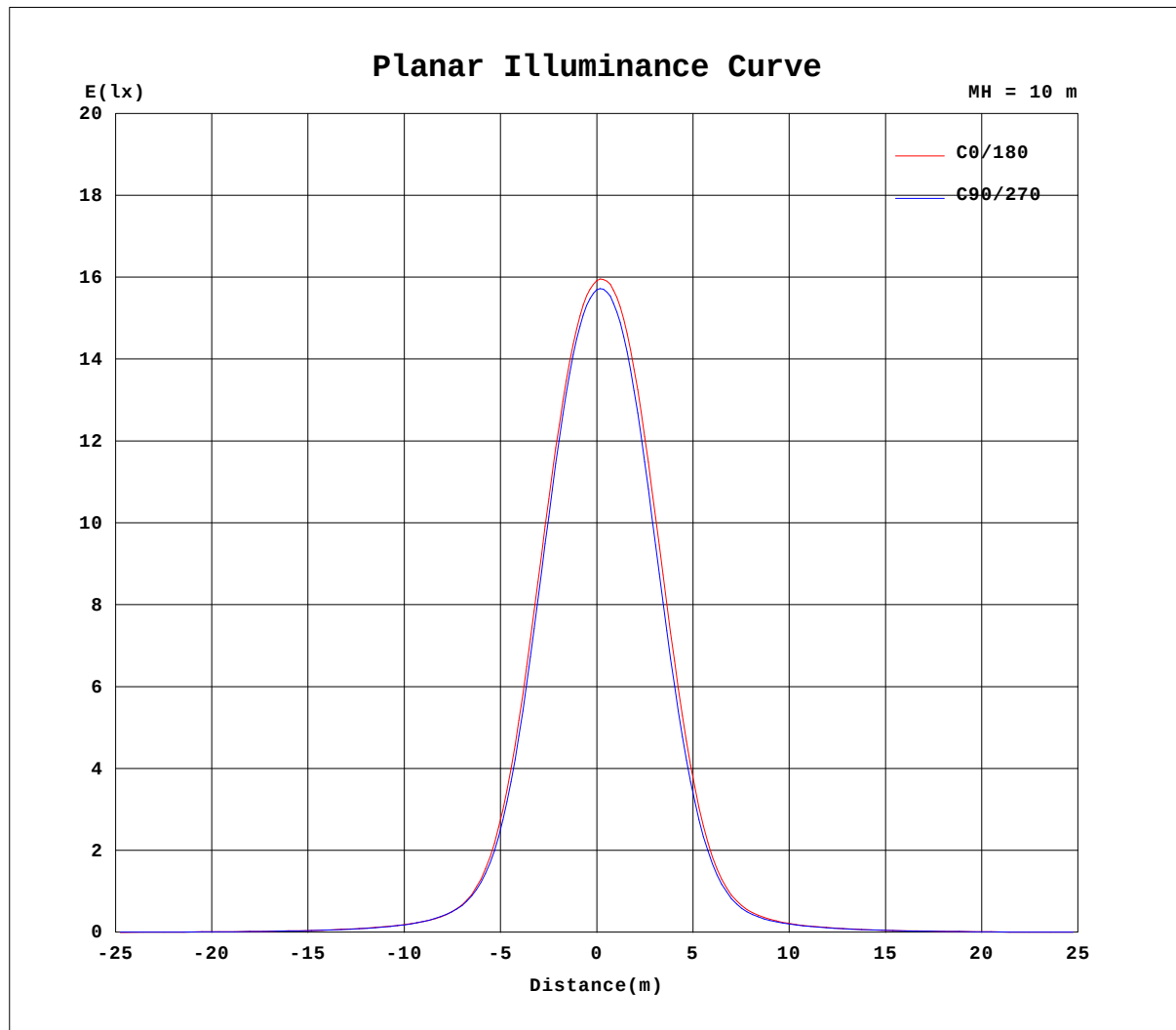
|                                                                  |       |                   |
|------------------------------------------------------------------|-------|-------------------|
| Test:U:230.3V I:0.0477A P:9.968W PF:0.9069 Lamp Flux:891.72x1 lm |       |                   |
| NAME: 5RS019-6000k                                               | 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: 2017-04-27

g Range: 0 - 90DEG  
g Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_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: 2017-04-27

Range: 0 - 90DEG  
Interval: 1.0DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.279  
Humidity: 65.0%  
Test Distance: 8.989m [K=1.0000]  
Remarks:



