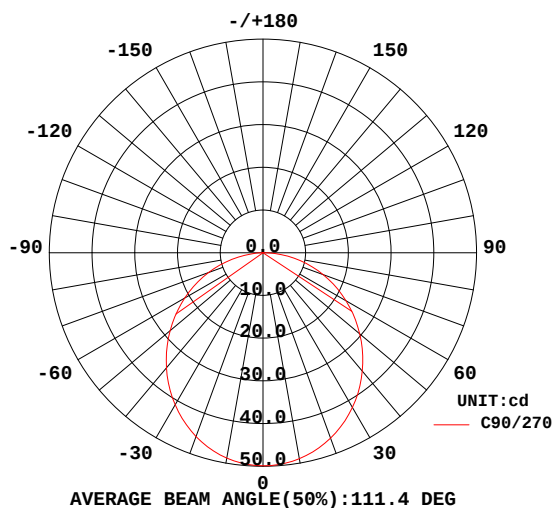


**LUMINAIRE PHOTOMETRIC TEST REPORT**

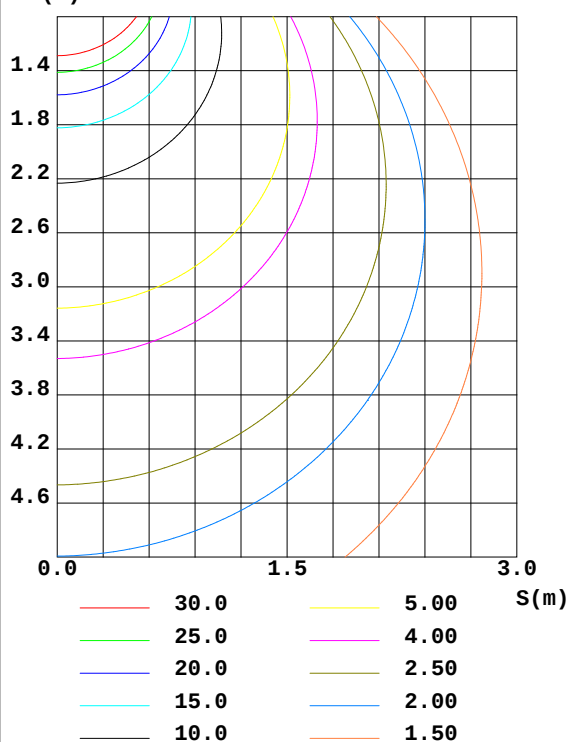
|                                            |                    |
|--------------------------------------------|--------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-G | WEIGHT:0.325kg/m   |
| DIM.: 11.5*21mm                            | SPEC.:             |
| MFR.:                                      | SUR.:11.5*1000mm   |
|                                            | PROTECTION ANGLE:/ |

| DATA OF LAMP     |      | PHOTOMETRIC DATA Eff: 30.86 lm/W |        |                    |           |
|------------------|------|----------------------------------|--------|--------------------|-----------|
| MODEL            | 5050 | I <sub>max</sub> (cd)            | 49.90  | S/MH(C0/180)       | 1.24      |
| NOMINAL POWER(W) | 4.72 | LOR(%)                           | 121.4  | S/MH(C90/270)      | 1.23      |
| RATED VOLTAGE(V) | 24   | TOTAL FLUX(lm)                   | 145.64 | η UP, DN(C0-180)   | 0.3, 59.3 |
| NOMINAL FLUX(lm) | 120  | CIE CLASS                        | DIRECT | η UP, DN(C180-360) | 0.3, 61.5 |
| LAMPS INSIDE     | 1    | η up(%)                          | 0.6    | CIBSE SHR NOM      | 1.25      |
| TEST VOLTAGE(V)  | 24   | η down(%)                        | 120.8  | CIBSE SHR MAX      | 1.35      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10       | 48.79                 | 48.70  | 48.82  | 49.13  | 49.21  | 49.20  | 48.96  | 48.79  | 0- 10    | 4.717       | 4.717        | 3.24,3.93 |
| 20       | 45.95                 | 45.69  | 45.80  | 46.53  | 46.78  | 46.73  | 46.21  | 45.93  | 10- 20   | 13.49       | 18.20        | 12.5,15.2 |
| 30       | 41.53                 | 41.03  | 41.12  | 42.20  | 42.72  | 42.63  | 41.86  | 41.50  | 20- 30   | 20.37       | 38.57        | 26.5,32.1 |
| 40       | 35.79                 | 35.12  | 35.17  | 36.53  | 37.25  | 37.19  | 36.17  | 35.78  | 30- 40   | 24.48       | 63.05        | 43.3,52.5 |
| 50       | 29.10                 | 28.29  | 28.39  | 29.86  | 30.74  | 30.71  | 29.58  | 29.12  | 40- 50   | 25.39       | 88.44        | 60.7,73.7 |
| 60       | 21.81                 | 21.00  | 21.12  | 22.64  | 23.52  | 23.57  | 22.41  | 21.85  | 50- 60   | 23.18       | 111.6        | 76.6,93   |
| 70       | 14.16                 | 13.44  | 13.60  | 15.11  | 15.92  | 16.06  | 15.01  | 14.27  | 60- 70   | 18.32       | 129.9        | 89.2,108  |
| 80       | 6.225                 | 5.684  | 5.887  | 7.347  | 8.003  | 8.286  | 7.424  | 6.480  | 70- 80   | 11.43       | 141.4        | 97.1,118  |
| 90       | 0.2888                | 0.4858 | 0.3136 | 0.6728 | 0.6995 | 1.125  | 0.6097 | 0.1434 | 80- 90   | 3.606       | 145.0        | 99.5,121  |
| 100      | 0.2327                | 0.2716 | 0.0683 | 0.3130 | 0.4443 | 0.2902 | 0      | 0      | 90-100   | 0.3271      | 145.3        | 99.8,121  |
| 110      | 0.1674                | 0.0783 | 0      | 0.1278 | 0.3633 | 0.2012 | 0      | 0      | 100-110  | 0.1661      | 145.5        | 99.9,121  |
| 120      | 0.1125                | 0.0052 | 0      | 0.0261 | 0.2823 | 0.1098 | 0      | 0      | 110-120  | 0.0930      | 145.6        | 99.9,121  |
| 130      | 0.0524                | 0      | 0      | 0.0026 | 0.2012 | 0.0627 | 0      | 0      | 120-130  | 0.0536      | 145.6        | 100,121   |
| 140      | 0.0000                | 0      | 0      | 0      | 0.1123 | 0.0053 | 0      | 0      | 130-140  | 0.0246      | 145.6        | 100,121   |
| 150      | 0                     | 0      | 0      | 0      | 0.0339 | 0      | 0      | 0      | 140-150  | 0.0069      | 145.6        | 100,121   |
| 160      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 150-160  | 0.0004      | 145.6        | 100,121   |
| 170      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 160-170  | 0           | 145.6        | 100,121   |
| 180      | 0                     | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 170-180  | 0           | 145.6        | 100,121   |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |           |

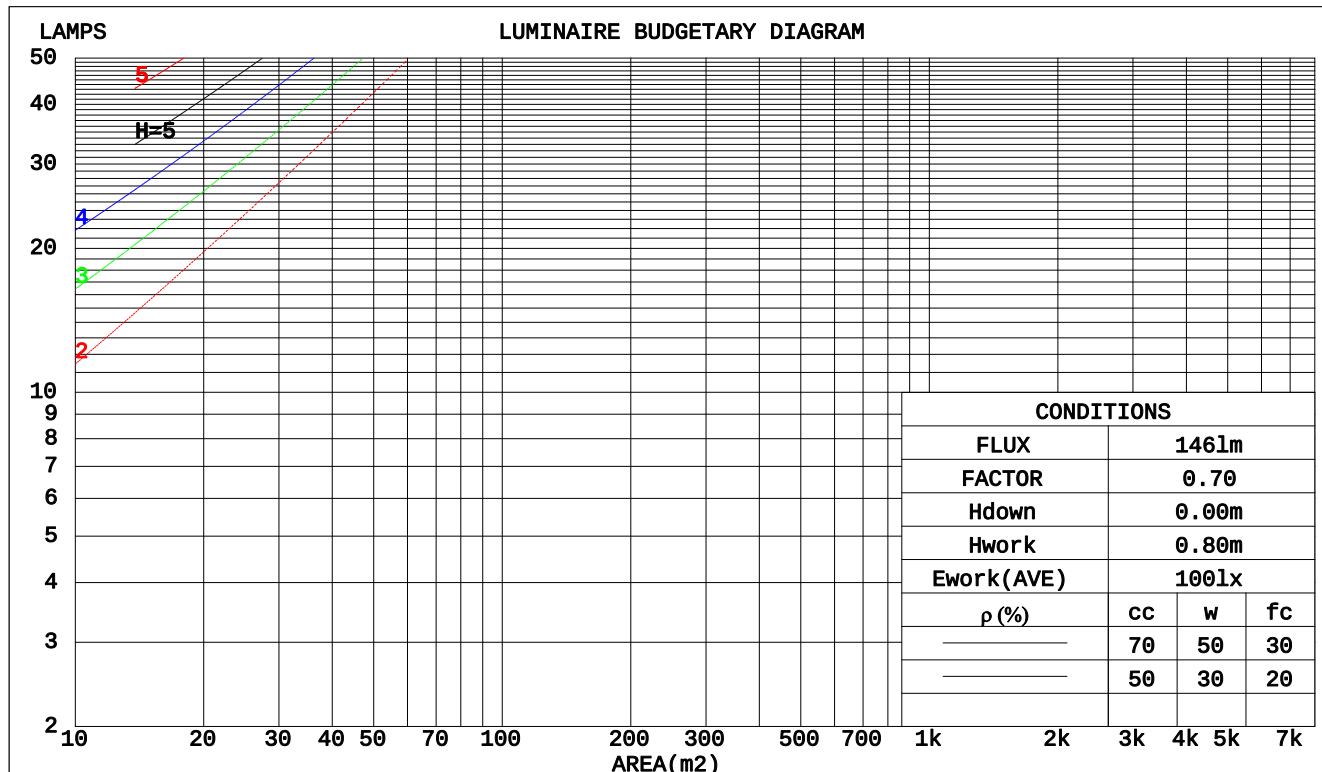
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                  |                    |
|--------------------------------------------------|--------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE:/ | WEIGHT:0.325kg/m   |
| DIM.: 11.5*21mm                                  | SPEC.:             |
| MFR.:                                            | SUR.:11.5*1000mm   |
|                                                  | PROTECTION ANGLE:/ |

| $\rho_{CC}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0    |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| $\rho_W$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| $\rho_{fC}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0    |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |
| 0.0         | 1.44                  | 1.44 | 1.44 | 1.41 | 1.41 | 1.41 | 1.35                            | 1.35 | 1.35 | 1.29 | 1.29 | 1.29 | 1.23 | 1.23 | 1.23 | 1.21 |
| 1.0         | 1.25                  | 1.20 | 1.15 | 1.22 | 1.17 | 1.13 | 1.17                            | 1.13 | 1.09 | 1.12 | 1.09 | 1.06 | 1.08 | 1.05 | 1.03 | .00  |
| 2.0         | 1.09                  | 1.00 | .93  | 1.06 | .98  | .92  | 1.02                            | .95  | .90  | .98  | .92  | .87  | .94  | .89  | .85  | .83  |
| 3.0         | .95                   | .85  | .77  | .93  | .84  | .76  | .90                             | .81  | .75  | .86  | .79  | .73  | .83  | .77  | .72  | .69  |
| 4.0         | .84                   | .73  | .65  | .83  | .72  | .64  | .79                             | .71  | .64  | .76  | .69  | .63  | .74  | .67  | .62  | .59  |
| 5.0         | .75                   | .64  | .56  | .74  | .63  | .55  | .71                             | .62  | .55  | .69  | .60  | .54  | .66  | .59  | .53  | .51  |
| 6.0         | .68                   | .57  | .49  | .66  | .56  | .48  | .64                             | .55  | .48  | .62  | .54  | .47  | .60  | .53  | .47  | .44  |
| 7.0         | .61                   | .50  | .43  | .60  | .50  | .43  | .58                             | .49  | .42  | .56  | .48  | .42  | .55  | .47  | .42  | .39  |
| 8.0         | .56                   | .45  | .38  | .55  | .45  | .38  | .53                             | .44  | .38  | .52  | .44  | .38  | .50  | .43  | .37  | .35  |
| 9.0         | .51                   | .41  | .34  | .51  | .41  | .34  | .49                             | .40  | .34  | .48  | .40  | .34  | .46  | .39  | .34  | .31  |
| 10.0        | .47                   | .38  | .31  | .47  | .37  | .31  | .45                             | .37  | .31  | .44  | .36  | .31  | .43  | .36  | .31  | .28  |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

**WEC AND CCEC**

|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE: / | WEIGHT: 0.325kg/m                        |
| DIM.: 11.5*21mm                                   | SPEC.:<br>SERIAL No.:                    |
| MFR.:                                             | SUR.: 11.5*1000mm<br>PROTECTION ANGLE: / |

| $\rho_{CC}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| $\rho_W$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| $\rho_{fc}$ | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR         | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0         |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0         | .389                  | .221 | .070 | .381 | .217 | .069 | .364                            | .209 | .067 | .349 | .201 | .065 | .335 | .194 | .063 |   |  |
| 2.0         | .363                  | .199 | .061 | .355 | .196 | .060 | .340                            | .189 | .059 | .327 | .183 | .057 | .315 | .178 | .056 |   |  |
| 3.0         | .334                  | .178 | .053 | .327 | .175 | .053 | .314                            | .170 | .052 | .302 | .166 | .051 | .291 | .161 | .050 |   |  |
| 4.0         | .307                  | .159 | .047 | .301 | .157 | .047 | .289                            | .153 | .046 | .279 | .150 | .045 | .269 | .146 | .044 |   |  |
| 5.0         | .283                  | .144 | .042 | .278 | .142 | .041 | .267                            | .139 | .041 | .258 | .136 | .040 | .249 | .133 | .040 |   |  |
| 6.0         | .262                  | .131 | .038 | .257 | .130 | .037 | .248                            | .127 | .037 | .239 | .124 | .037 | .232 | .122 | .036 |   |  |
| 7.0         | .243                  | .120 | .034 | .239 | .119 | .034 | .231                            | .117 | .034 | .223 | .114 | .033 | .216 | .112 | .033 |   |  |
| 8.0         | .227                  | .111 | .031 | .223 | .110 | .031 | .216                            | .108 | .031 | .209 | .106 | .031 | .203 | .104 | .030 |   |  |
| 9.0         | .212                  | .103 | .029 | .209 | .102 | .029 | .203                            | .100 | .028 | .196 | .098 | .028 | .191 | .097 | .028 |   |  |
| 10.0        | .200                  | .096 | .027 | .197 | .095 | .026 | .191                            | .093 | .026 | .185 | .092 | .026 | .180 | .090 | .026 |   |  |

| ρ <sub>CC</sub> | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|-----------------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| ρ <sub>W</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρ <sub>fC</sub> | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR             | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0             | .235                  | .235 | .235 | .201 | .201 | .201 | .137                                       | .137 | .137 | .079 | .079 | .079 | .025 | .025 | .025 |   |
| 1.0             | .224                  | .194 | .166 | .192 | .166 | .143 | .131                                       | .114 | .099 | .075 | .066 | .058 | .024 | .021 | .019 |   |
| 2.0             | .215                  | .164 | .122 | .184 | .142 | .106 | .126                                       | .098 | .074 | .073 | .057 | .043 | .023 | .018 | .014 |   |
| 3.0             | .205                  | .143 | .094 | .176 | .123 | .081 | .121                                       | .086 | .057 | .070 | .050 | .034 | .022 | .016 | .011 |   |
| 4.0             | .196                  | .127 | .074 | .168 | .110 | .065 | .116                                       | .076 | .046 | .067 | .045 | .027 | .022 | .015 | .009 |   |
| 5.0             | .187                  | .114 | .061 | .160 | .099 | .053 | .110                                       | .069 | .038 | .064 | .041 | .022 | .021 | .013 | .007 |   |
| 6.0             | .178                  | .104 | .052 | .153 | .090 | .045 | .105                                       | .063 | .032 | .061 | .037 | .019 | .020 | .012 | .006 |   |
| 7.0             | .170                  | .096 | .044 | .146 | .083 | .039 | .101                                       | .058 | .027 | .059 | .034 | .016 | .019 | .011 | .005 |   |
| 8.0             | .162                  | .089 | .039 | .139 | .077 | .034 | .096                                       | .054 | .024 | .056 | .032 | .014 | .018 | .010 | .005 |   |
| 9.0             | .154                  | .083 | .035 | .133 | .072 | .030 | .092                                       | .051 | .022 | .054 | .030 | .013 | .017 | .010 | .004 |   |
| 10.0            | .147                  | .078 | .032 | .127 | .067 | .028 | .088                                       | .047 | .020 | .051 | .028 | .012 | .017 | .009 | .004 |   |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: shan  
Test Date: 2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity: 45.0%  
Test Distance: 6.950m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

|                                                    |               |                  |      |      |      |                  |                |                    |      |      |      |
|----------------------------------------------------|---------------|------------------|------|------|------|------------------|----------------|--------------------|------|------|------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE:/   |               |                  |      |      |      | WEIGHT:0.325kg/m |                |                    |      |      |      |
| DIM.: 11.5*21mm                                    |               |                  |      |      |      | SPEC.:           |                | SERIAL No.:        |      |      |      |
| MFR.:                                              |               |                  |      |      |      | SUR.:11.5*1000mm |                | 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                                      | 17.4          | 18.9             | 17.6 | 19.1 | 19.3 | 17.2             | 18.8           | 17.5               | 19.0 | 19.2 |      |
|                                                    | 3H            | 19.0             | 20.4 | 19.3 | 20.6 | 20.9             | 18.8           | 20.2               | 19.1 | 20.5 | 20.7 |
|                                                    | 4H            | 19.7             | 21.0 | 20.0 | 21.3 | 21.5             | 19.5           | 20.8               | 19.8 | 21.1 | 21.3 |
|                                                    | 6H            | 20.1             | 21.4 | 20.5 | 21.7 | 22.0             | 19.9           | 21.2               | 20.3 | 21.5 | 21.8 |
|                                                    | 8H            | 20.3             | 21.5 | 20.6 | 21.8 | 22.1             | 20.1           | 21.3               | 20.4 | 21.6 | 21.9 |
|                                                    | 12H           | 20.4             | 21.5 | 20.7 | 21.8 | 22.2             | 20.1           | 21.3               | 20.5 | 21.6 | 21.9 |
| 4H                                                 | 2H            | 18.0             | 19.3 | 18.3 | 19.6 | 19.8             | 17.9           | 19.2               | 18.2 | 19.5 | 19.7 |
|                                                    | 3H            | 19.8             | 20.9 | 20.1 | 21.3 | 21.6             | 19.6           | 20.8               | 20.0 | 21.1 | 21.4 |
|                                                    | 4H            | 20.6             | 21.6 | 20.9 | 22.0 | 22.3             | 20.4           | 21.5               | 20.8 | 21.8 | 22.2 |
|                                                    | 6H            | 21.2             | 22.1 | 21.6 | 22.5 | 22.9             | 21.0           | 22.0               | 21.4 | 22.3 | 22.7 |
|                                                    | 8H            | 21.4             | 22.3 | 21.8 | 22.6 | 23.0             | 21.2           | 22.1               | 21.6 | 22.5 | 22.8 |
|                                                    | 12H           | 21.5             | 22.3 | 21.9 | 22.7 | 23.1             | 21.3           | 22.1               | 21.7 | 22.5 | 22.9 |
| 8H                                                 | 4H            | 20.8             | 21.7 | 21.2 | 22.1 | 22.5             | 20.7           | 21.6               | 21.1 | 22.0 | 22.4 |
|                                                    | 6H            | 21.6             | 22.3 | 22.0 | 22.7 | 23.2             | 21.4           | 22.2               | 21.9 | 22.6 | 23.0 |
|                                                    | 8H            | 21.8             | 22.5 | 22.3 | 22.9 | 23.4             | 21.7           | 22.3               | 22.1 | 22.8 | 23.2 |
|                                                    | 12H           | 22.0             | 22.6 | 22.5 | 23.0 | 23.5             | 21.8           | 22.4               | 22.3 | 22.8 | 23.3 |
| 12H                                                | 4H            | 20.8             | 21.7 | 21.3 | 22.1 | 22.5             | 20.7           | 21.5               | 21.1 | 21.9 | 22.3 |
|                                                    | 6H            | 21.6             | 22.3 | 22.1 | 22.7 | 23.2             | 21.5           | 22.1               | 21.9 | 22.6 | 23.0 |
|                                                    | 8H            | 21.9             | 22.5 | 22.4 | 23.0 | 23.4             | 21.7           | 22.3               | 22.2 | 22.8 | 23.3 |
| Variations with the observer position at spacings: |               |                  |      |      |      |                  |                |                    |      |      |      |
| S = 1.0H                                           | + 0.1 / - 0.2 |                  |      |      |      | + 0.1 / - 0.2    |                |                    |      |      |      |
| 1.5H                                               | + 0.1 / - 0.3 |                  |      |      |      | + 0.1 / - 0.3    |                |                    |      |      |      |
| 2.0H                                               | + 0.2 / - 0.2 |                  |      |      |      | + 0.2 / - 0.2    |                |                    |      |      |      |

CIE Pub.117 Corrected 120.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.4)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE: / | WEIGHT: 0.325kg/m                        |
| DIM.: 11.5*21mm                                   | SPEC.:<br>SERIAL No.:                    |
| MFR.:                                             | SUR.: 11.5*1000mm<br>PROTECTION ANGLE: / |

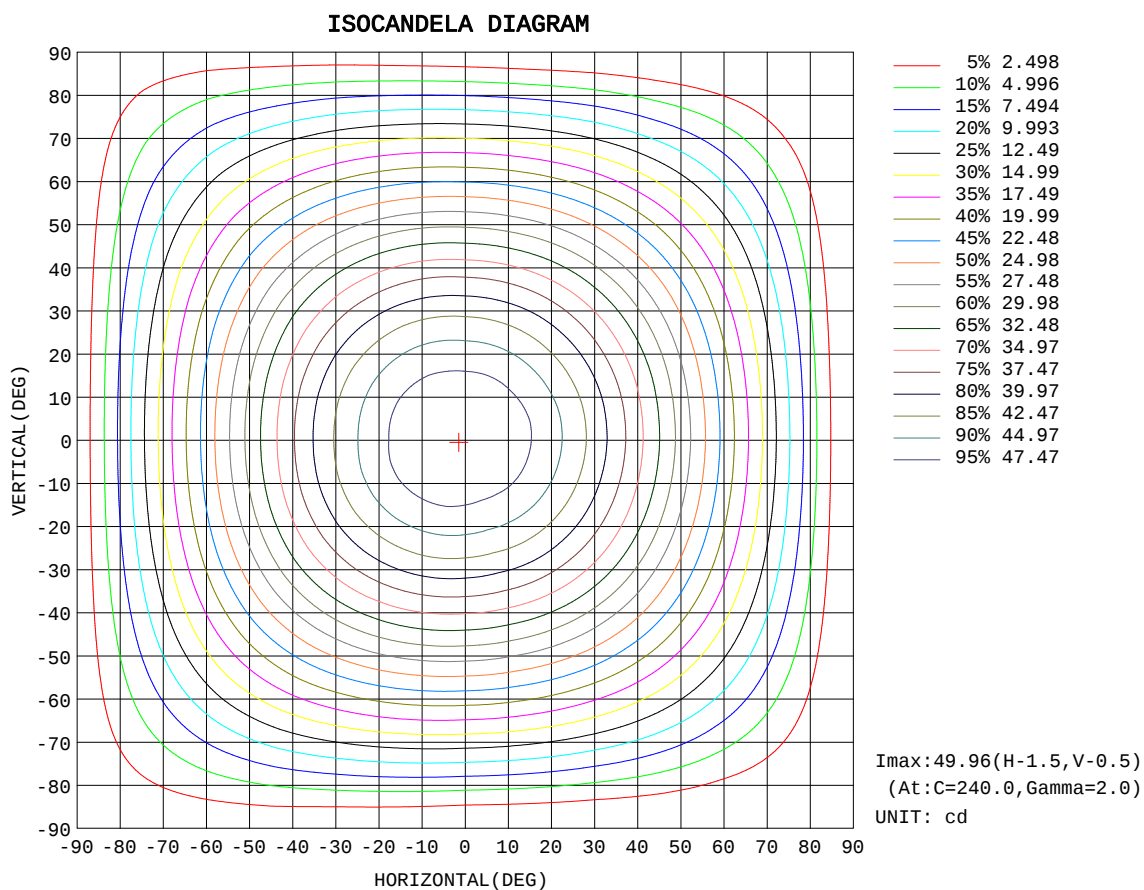
| REFLECTANCE                      |                                                 |     |     |     |     |     |     |     |     |        |
|----------------------------------|-------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling                          | 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                         | 69                                              | 55  | 46  | 68  | 54  | 46  | 67  | 54  | 46  | 38     |
| 0.80                             | 81                                              | 67  | 58  | 80  | 66  | 57  | 78  | 65  | 57  | 48     |
| 1.00                             | 91                                              | 77  | 68  | 90  | 77  | 68  | 87  | 78  | 67  | 59     |
| 1.25                             | 100                                             | 87  | 78  | 98  | 86  | 77  | 95  | 84  | 76  | 67     |
| 1.50                             | 106                                             | 93  | 85  | 104 | 92  | 84  | 100 | 90  | 83  | 73     |
| 2.00                             | 114                                             | 103 | 95  | 112 | 102 | 94  | 108 | 99  | 93  | 83     |
| 2.50                             | 119                                             | 109 | 102 | 116 | 108 | 101 | 112 | 104 | 98  | 88     |
| 3.00                             | 123                                             | 115 | 108 | 120 | 113 | 106 | 115 | 109 | 104 | 93     |
| 4.00                             | 128                                             | 121 | 115 | 125 | 119 | 113 | 120 | 115 | 110 | 99     |
| 5.00                             | 131                                             | 125 | 120 | 128 | 123 | 118 | 123 | 118 | 114 | 103    |
| ROOM INDEX                       | UF(total)                                       |     |     |     |     |     |     |     |     | Direct |
| According to DIN EN 13032-2 2004 |                                                 |     |     |     |     |     |     |     |     |        |
| Suspended                        |                                                 |     |     |     |     |     |     |     |     |        |
| SHRNOM = 1.25                    |                                                 |     |     |     |     |     |     |     |     |        |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: shan  
Test Date: 2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity: 45.0%  
Test Distance: 6.950m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|                                                   |                                       |
|---------------------------------------------------|---------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE: / | WEIGHT: 0.325kg/m                     |
| DIM.: 11.5*21mm                                   | SPEC.: SERIAL No.:                    |
| MFR.:                                             | SUR.: 11.5*1000mm PROTECTION ANGLE: / |

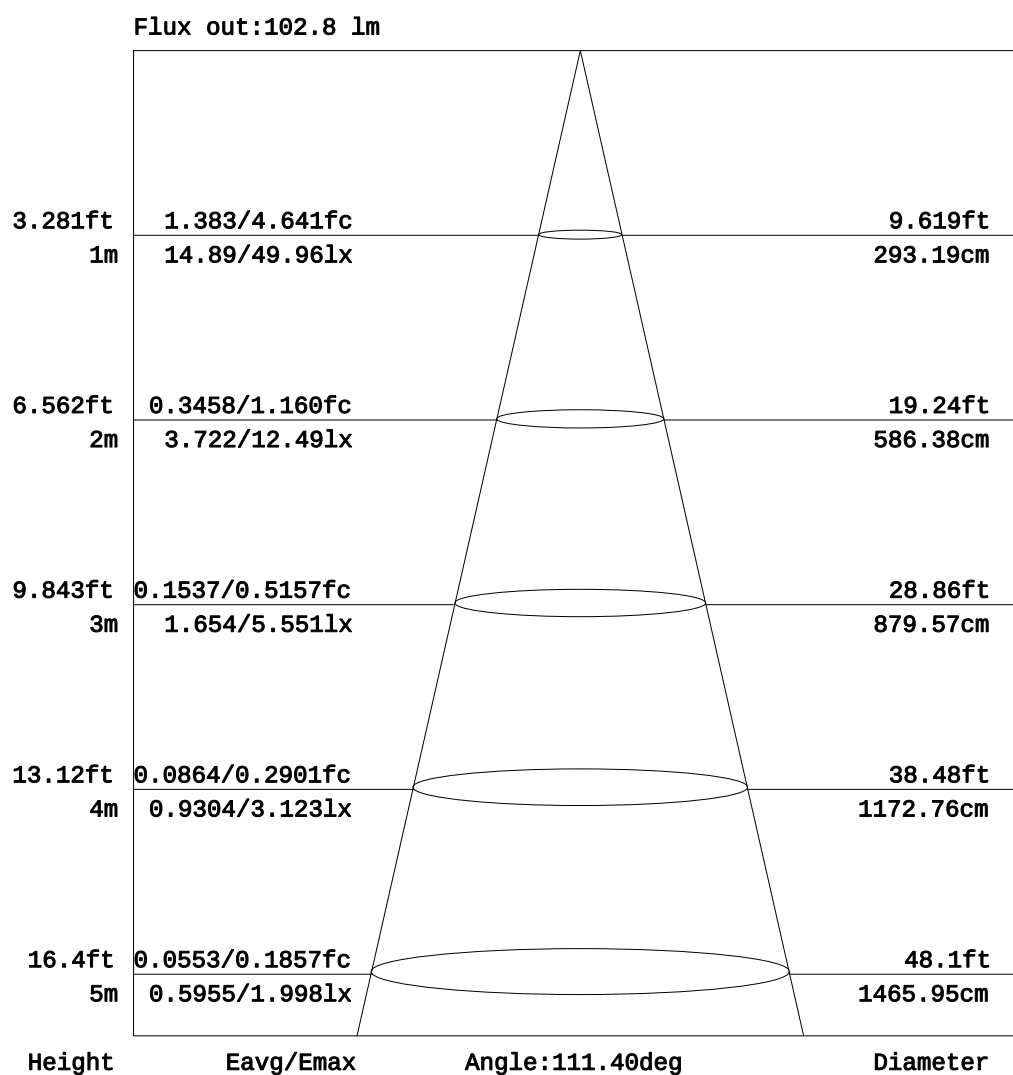


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: shan  
Test Date: 2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity: 45.0%  
Test Distance: 6.950m [K=1.0000]  
Remarks:

### AAI Figure

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE:/ | WEIGHT:0.325kg/m                       |
| DIM.: 11.5*21mm                                  | SPEC.:<br>SERIAL No.:                  |
| MFR.:                                            | SUR.:11.5*1000mm<br>PROTECTION ANGLE:/ |



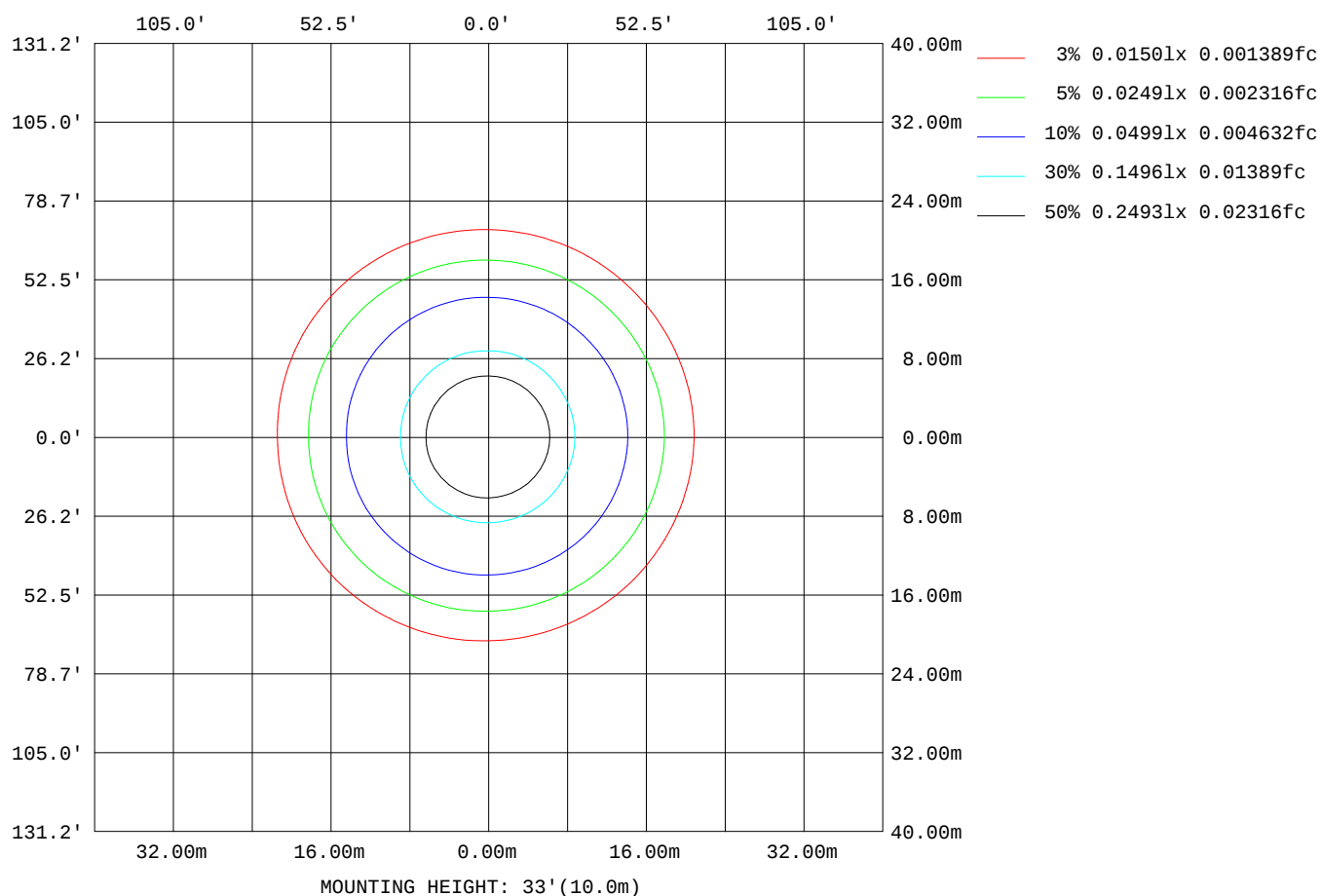
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE: / | WEIGHT: 0.325kg/m                        |
| DIM.: 11.5*21mm                                   | SPEC.:<br>SERIAL No.:                    |
| MFR.:                                             | SUR.: 11.5*1000mm<br>PROTECTION ANGLE: / |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: shan  
Test Date: 2018-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity: 45.0%  
Test Distance: 6.950m [K=1.0000]  
Remarks:

### Average Luminance Table(CIBSE)

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE:/ | WEIGHT:0.325kg/m                       |
| DIM.: 11.5*21mm                                  | SPEC.:<br>SERIAL No.:                  |
| MFR.:                                            | SUR.:11.5*1000mm<br>PROTECTION ANGLE:/ |

| Parameter description for average Luminance            | Symbol | Value         | Unit     |
|--------------------------------------------------------|--------|---------------|----------|
| Luminance in Azimuth Plane                             | Bc     | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane        | I      | from data     | cd/klm   |
| Number of lamps                                        | N      | 1             |          |
| Output of each lamp(initial lumens as specified)       | F      | 120           | lm       |
| Multiplying factor                                     | K      | 1             |          |
| Luminous area in horizontal plane used in calculations | A      | 0.0115        | sq.m.    |
| Angle to the downward vertical from light centre       | Gamma  | from data     | deg      |

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

| G<br>deg | C plane(deg) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|          | 0            | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
| 55       | 3867         | 3832 | 3802 | 3776 | 3753 | 3739 | 3734 | 3732 | 3739 | 3759 | 3797 | 3846 | 3901 | 3960 | 4014 | 4058 | 4085 | 4107 | 4127 |
| 60       | 3793         | 3752 | 3716 | 3685 | 3661 | 3646 | 3641 | 3642 | 3651 | 3673 | 3718 | 3774 | 3837 | 3905 | 3966 | 4015 | 4047 | 4069 | 4090 |
| 65       | 3708         | 3659 | 3615 | 3579 | 3558 | 3542 | 3534 | 3541 | 3554 | 3577 | 3634 | 3702 | 3772 | 3854 | 3924 | 3976 | 4012 | 4039 | 4068 |
| 70       | 3600         | 3543 | 3492 | 3448 | 3425 | 3408 | 3399 | 3409 | 3427 | 3458 | 3528 | 3610 | 3696 | 3795 | 3879 | 3941 | 3983 | 4014 | 4048 |
| 75       | 3432         | 3361 | 3294 | 3239 | 3219 | 3205 | 3194 | 3214 | 3241 | 3280 | 3375 | 3481 | 3590 | 3720 | 3826 | 3897 | 3943 | 3983 | 4033 |
| 80       | 3117         | 3018 | 2930 | 2863 | 2848 | 2834 | 2821 | 2856 | 2894 | 2948 | 3100 | 3257 | 3403 | 3591 | 3740 | 3831 | 3890 | 3939 | 4008 |
| 85       | 2274         | 2177 | 2069 | 1983 | 2030 | 2045 | 2018 | 2091 | 2142 | 2198 | 2453 | 2712 | 2949 | 3296 | 3555 | 3689 | 3801 | 3867 | 3958 |

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

| CIBSE<br>Category | Gamma<br>(deg) | Average Luminance     |                      | Patch Luminance     |                      |
|-------------------|----------------|-----------------------|----------------------|---------------------|----------------------|
|                   |                | maximum<br>calculated | specified<br>maximum | maximum<br>measured | specified<br>maximum |
| Category 1        | 55 to 90       | 4127                  | 200                  | ---                 | 500                  |
| Category 2        | 65 to 90       | 4068                  | 200                  | ---                 | 500                  |
| Category 3        | 75 to 90       | 4033                  | 200                  | ---                 | 500                  |

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                                                   |                                       |
|---------------------------------------------------|---------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE: / | WEIGHT: 0.325kg/m                     |
| DIM.: 11.5*21mm                                   | SPEC.: SERIAL No.:                    |
| MFR.:                                             | SUR.: 11.5*1000mm PROTECTION ANGLE: / |

Table--1

UNIT: 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                  | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 5                  | 49.7 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.7 |
| 10                 | 48.8 | 48.8 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.1 | 49.0 |
| 15                 | 47.9 | 47.8 | 47.7 | 47.7 | 47.7 | 47.7 | 47.8 | 48.0 | 48.1 | 48.3 | 48.4 | 48.4 | 48.5 | 48.5 | 48.5 | 48.4 | 48.4 | 48.3 | 48.1 |
| 20                 | 46.0 | 45.9 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 | 46.0 | 46.2 | 46.5 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.7 | 46.5 | 46.2 |
| 25                 | 44.4 | 44.2 | 44.1 | 44.0 | 44.0 | 44.0 | 44.1 | 44.4 | 44.6 | 45.0 | 45.2 | 45.3 | 45.3 | 45.4 | 45.4 | 45.3 | 45.2 | 45.0 | 44.6 |
| 30                 | 41.5 | 41.4 | 41.2 | 41.0 | 41.0 | 41.0 | 41.1 | 41.4 | 41.8 | 42.2 | 42.5 | 42.7 | 42.7 | 42.8 | 42.8 | 42.6 | 42.5 | 42.2 | 41.9 |
| 35                 | 39.4 | 39.2 | 39.0 | 38.8 | 38.8 | 38.7 | 38.9 | 39.2 | 39.6 | 40.1 | 40.4 | 40.6 | 40.7 | 40.8 | 40.8 | 40.6 | 40.4 | 40.1 | 39.7 |
| 40                 | 35.8 | 35.6 | 35.3 | 35.1 | 35.1 | 35.0 | 35.2 | 35.5 | 36.0 | 36.5 | 36.9 | 37.2 | 37.2 | 37.4 | 37.4 | 37.2 | 36.9 | 36.7 | 36.2 |
| 45                 | 33.2 | 33.0 | 32.7 | 32.5 | 32.4 | 32.4 | 32.5 | 32.9 | 33.4 | 34.0 | 34.4 | 34.6 | 34.8 | 34.9 | 34.9 | 34.7 | 34.4 | 34.1 | 33.6 |
| 50                 | 29.1 | 28.8 | 28.5 | 28.3 | 28.2 | 28.2 | 28.4 | 28.8 | 29.3 | 29.9 | 30.3 | 30.6 | 30.7 | 31.0 | 31.0 | 30.7 | 30.4 | 30.1 | 29.6 |
| 55                 | 26.2 | 25.9 | 25.6 | 25.4 | 25.4 | 25.3 | 25.5 | 25.9 | 26.5 | 27.0 | 27.5 | 27.7 | 28.0 | 28.2 | 28.2 | 27.9 | 27.6 | 27.2 | 26.8 |
| 60                 | 21.8 | 21.5 | 21.2 | 21.0 | 20.9 | 21.0 | 21.1 | 21.5 | 22.1 | 22.6 | 23.1 | 23.3 | 23.5 | 23.8 | 23.8 | 23.6 | 23.3 | 22.9 | 22.4 |
| 65                 | 18.8 | 18.4 | 18.2 | 18.0 | 17.9 | 18.0 | 18.1 | 18.6 | 19.1 | 19.7 | 20.1 | 20.3 | 20.5 | 20.9 | 20.9 | 20.6 | 20.3 | 19.9 | 19.5 |
| 70                 | 14.2 | 13.8 | 13.6 | 13.4 | 13.4 | 13.4 | 13.6 | 14.0 | 14.5 | 15.1 | 15.5 | 15.7 | 15.9 | 16.3 | 16.3 | 16.1 | 15.8 | 15.4 | 15.0 |
| 75                 | 11.0 | 10.7 | 10.4 | 10.3 | 10.3 | 10.4 | 10.5 | 11.0 | 11.5 | 12.0 | 12.4 | 12.6 | 12.8 | 13.2 | 13.2 | 13.0 | 12.7 | 12.3 | 12.0 |
| 80                 | 6.23 | 5.94 | 5.72 | 5.68 | 5.63 | 5.75 | 5.89 | 6.36 | 6.80 | 7.35 | 7.65 | 7.82 | 8.00 | 8.44 | 8.52 | 8.29 | 8.11 | 7.75 | 7.42 |
| 85                 | 3.05 | 2.86 | 2.67 | 2.71 | 2.66 | 2.78 | 2.89 | 3.32 | 3.71 | 4.22 | 4.49 | 4.64 | 4.75 | 5.28 | 5.39 | 5.20 | 5.00 | 4.67 | 4.34 |
| 90                 | 0.29 | 0.37 | 0.45 | 0.49 | 0.45 | 0.38 | 0.31 | 0.41 | 0.55 | 0.67 | 0.70 | 0.67 | 0.70 | 1.17 | 1.25 | 1.13 | 1.01 | 0.80 | 0.61 |
| 95                 | 0.27 | 0.30 | 0.36 | 0.40 | 0.35 | 0.27 | 0.19 | 0.25 | 0.35 | 0.44 | 0.50 | 0.46 | 0.49 | 0.77 | 0.63 | 0.41 | 0.25 | 0.10 | 0.00 |
| 100                | 0.23 | 0.22 | 0.25 | 0.27 | 0.24 | 0.15 | 0.07 | 0.11 | 0.20 | 0.31 | 0.37 | 0.36 | 0.44 | 0.69 | 0.54 | 0.29 | 0.12 | 0.00 | 0.00 |
| 105                | 0.21 | 0.19 | 0.19 | 0.20 | 0.16 | 0.08 | 0.01 | 0.04 | 0.14 | 0.23 | 0.31 | 0.33 | 0.41 | 0.64 | 0.48 | 0.26 | 0.07 | 0.00 | 0.00 |
| 110                | 0.17 | 0.15 | 0.13 | 0.08 | 0.04 | 0.00 | 0.00 | 0.00 | 0.03 | 0.13 | 0.23 | 0.29 | 0.36 | 0.57 | 0.40 | 0.20 | 0.03 | 0.00 | 0.00 |
| 115                | 0.14 | 0.14 | 0.11 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.19 | 0.27 | 0.33 | 0.50 | 0.37 | 0.15 | 0.01 | 0.00 | 0.00 |
| 120                | 0.11 | 0.11 | 0.08 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.15 | 0.23 | 0.28 | 0.39 | 0.31 | 0.11 | 0.00 | 0.00 | 0.00 |
| 125                | 0.08 | 0.09 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.13 | 0.21 | 0.25 | 0.31 | 0.26 | 0.09 | 0.00 | 0.00 | 0.00 |
| 130                | 0.05 | 0.06 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.16 | 0.20 | 0.22 | 0.20 | 0.06 | 0.00 | 0.00 | 0.00 |
| 135                | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.13 | 0.17 | 0.17 | 0.15 | 0.04 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.08 | 0.11 | 0.11 | 0.10 | 0.01 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.07 | 0.08 | 0.07 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: shan  
Test Date: 2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V1.0.257  
Humidity: 45.0%  
Test Distance: 6.950m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                                                  |                                        |
|--------------------------------------------------|----------------------------------------|
| NAME: C-SFR-F15S-HB-D24CC-RGB-56-5050-1M-GTYPE:/ | WEIGHT:0.325kg/m                       |
| DIM.: 11.5*21mm                                  | SPEC.:<br>SERIAL No.:                  |
| MFR.:                                            | SUR.:11.5*1000mm<br>PROTECTION ANGLE:/ |

Table--2

UNIT: cd

| C( DEG)<br>γ (DEG) | 285  | 300  | 315  | 330  | 345  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                  | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 49.7 | 49.7 | 49.7 | 49.6 | 49.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 48.9 | 48.8 | 48.8 | 48.8 | 48.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 48.0 | 47.9 | 47.9 | 47.8 | 47.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 46.1 | 46.0 | 45.9 | 45.9 | 45.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 44.5 | 44.4 | 44.3 | 44.3 | 44.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 41.7 | 41.6 | 41.5 | 41.5 | 41.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 39.5 | 39.4 | 39.3 | 39.3 | 39.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 36.0 | 35.9 | 35.8 | 35.7 | 35.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 33.4 | 33.3 | 33.2 | 33.2 | 33.2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 29.4 | 29.2 | 29.1 | 29.1 | 29.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 26.5 | 26.4 | 26.3 | 26.3 | 26.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 22.2 | 22.0 | 21.8 | 21.8 | 21.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 19.2 | 19.0 | 18.8 | 18.8 | 18.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 14.7 | 14.5 | 14.3 | 14.2 | 14.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 11.7 | 11.5 | 11.2 | 11.0 | 10.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 7.09 | 6.87 | 6.48 | 6.30 | 6.09 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 4.05 | 3.83 | 3.43 | 3.16 | 2.96 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 0.45 | 0.32 | 0.14 | 0.08 | 0.04 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                 | 0.01 | 0.03 | 0.01 | 0.01 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:shan  
Test Date:2018-08-31

γ Range: 0 - 180DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V1.0.257  
Humidity:45.0%  
Test Distance:6.950m [K=1.0000]  
Remarks: