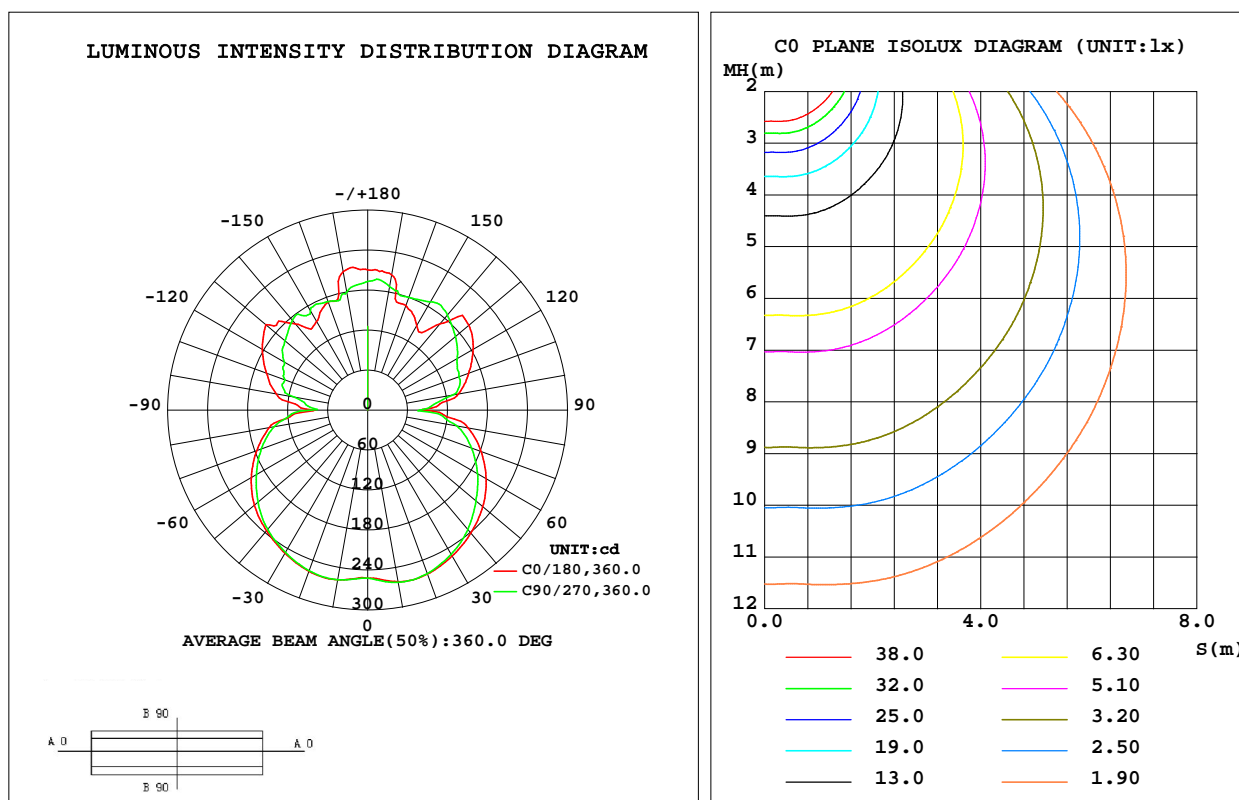


## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 70.35 lm/W |         |                   |           |
|------------------|---------|----------------------------------|---------|-------------------|-----------|
| MODEL            |         | I <sub>max</sub> (cd)            | 263.7   | S/MH(C0/180)      | 1.47      |
| NOMINAL POWER(W) |         | LOR(%)                           | 100.0   | S/MH(C90/270)     | 1.46      |
| RATED VOLTAGE(V) | --      | TOTAL FLUX(lm)                   | 2131.8  | η UP,DN(C0-180)   | 22.0,28.2 |
| NOMINAL FLUX(lm) | 2131.81 | CIE CLASS                        | DIFFUSE | η UP,DN(C180-360) | 21.2,28.6 |
| LAMPS INSIDE     | 1       | η up(%)                          | 43.2    | CIBSE SHR NOM     | 1.50      |
| TEST VOLTAGE(V)  | --      | η down(%)                        | 56.8    | CIBSE SHR MAX     | 1.55      |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOMI  
 Test Date:2023-05-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [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       | 261.3                 | 262.1 | 262.5 | 259.5 | 258.6 | 259.1 | 258.3 | 259.1 | 0- 10    | 24.54       | 24.54        | 1.15,1.15 |
| 20       | 262.0                 | 261.4 | 261.1 | 257.4 | 257.5 | 257.0 | 256.6 | 259.7 | 10- 20   | 73.84       | 98.38        | 4.62,4.62 |
| 30       | 253.2                 | 250.7 | 250.0 | 247.2 | 248.2 | 248.3 | 246.7 | 251.3 | 20- 30   | 117.7       | 216.0        | 10.1,10.1 |
| 40       | 240.8                 | 236.9 | 234.0 | 233.7 | 236.2 | 236.5 | 233.6 | 239.4 | 30- 40   | 152.6       | 368.6        | 17.3,17.3 |
| 50       | 225.4                 | 218.7 | 212.2 | 215.8 | 221.9 | 220.5 | 214.8 | 222.9 | 40- 50   | 176.3       | 545.0        | 25.6,25.6 |
| 60       | 205.2                 | 194.0 | 190.3 | 191.2 | 201.6 | 197.3 | 192.8 | 199.8 | 50- 60   | 186.4       | 731.4        | 34.3,34.3 |
| 70       | 181.1                 | 169.7 | 165.8 | 166.7 | 177.1 | 171.4 | 169.6 | 173.9 | 60- 70   | 183.0       | 914.4        | 42.9,42.9 |
| 80       | 152.7                 | 143.1 | 135.2 | 140.6 | 150.1 | 145.7 | 142.3 | 147.9 | 70- 80   | 167.6       | 1082         | 50.8,50.8 |
| 90       | 81.74                 | 75.91 | 78.21 | 77.87 | 79.23 | 76.89 | 85.35 | 91.10 | 80- 90   | 128.7       | 1211         | 56.8,56.8 |
| 100      | 138.2                 | 120.5 | 128.6 | 122.4 | 139.2 | 119.8 | 111.2 | 112.8 | 90-100   | 108.5       | 1319         | 61.9,61.9 |
| 110      | 161.2                 | 140.6 | 145.9 | 141.1 | 161.5 | 132.1 | 132.2 | 130.1 | 100-110  | 140.9       | 1460         | 68.5,68.5 |
| 120      | 182.8                 | 160.2 | 155.3 | 160.8 | 182.5 | 153.9 | 144.6 | 153.6 | 110-120  | 145.0       | 1605         | 75.3,75.3 |
| 130      | 198.1                 | 151.4 | 172.0 | 144.2 | 199.5 | 144.1 | 162.4 | 144.7 | 120-130  | 145.8       | 1751         | 82.1,82.1 |
| 140      | 169.8                 | 163.7 | 186.5 | 169.3 | 169.1 | 164.5 | 176.1 | 160.3 | 130-140  | 127.9       | 1879         | 88.1,88.1 |
| 150      | 147.1                 | 182.8 | 187.9 | 162.1 | 153.8 | 167.6 | 172.3 | 180.6 | 140-150  | 105.6       | 1984         | 93.1,93.1 |
| 160      | 167.1                 | 182.5 | 180.2 | 151.6 | 172.8 | 149.2 | 173.6 | 179.6 | 150-160  | 78.72       | 2063         | 96.8,96.8 |
| 170      | 206.6                 | 204.5 | 188.5 | 181.6 | 211.2 | 188.0 | 180.2 | 201.1 | 160-170  | 49.90       | 2113         | 99.1,99.1 |
| 180      | 210.5                 | 199.0 | 193.1 | 201.3 | 210.6 | 198.9 | 193.4 | 199.7 | 170-180  | 18.98       | 2132         | 100,100   |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |           |

Conical surface Flux(90deg): 454.64 lm

%lum = 21.3%

%lamp = 21.3%

Conical surface Flux(120deg): 731.42 lm

%lum = 34.3%

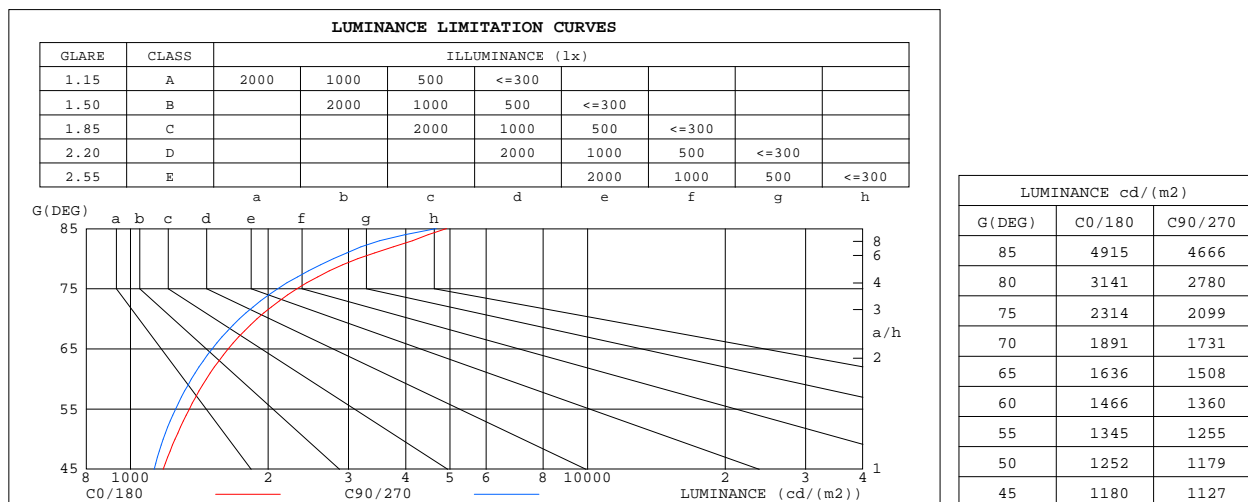
%lamp = 34.3%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOMI  
 Test Date:2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |



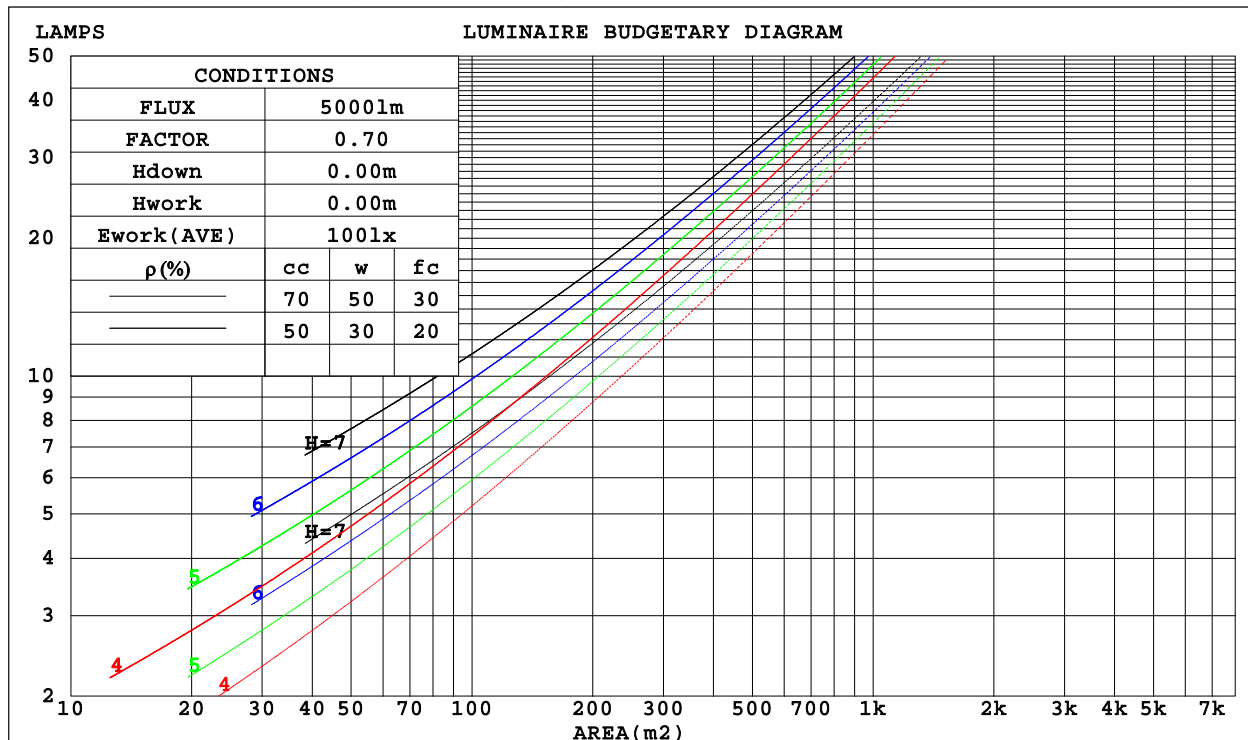
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOMI  
Test Date:2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |

| $\rho_{cc}$ | 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         | 1.09                                                                       | 1.09 | 1.09 | 1.01 | 1.01 | 1.01 | .87 | .87 | .87 | .74 | .74 | .74 | .62 | .62 | .62 | .57 |
| 1.0         | .91                                                                        | .86  | .81  | .84  | .80  | .76  | .72 | .69 | .65 | .61 | .58 | .56 | .50 | .49 | .47 | .42 |
| 2.0         | .77                                                                        | .70  | .64  | .72  | .65  | .60  | .61 | .56 | .52 | .52 | .48 | .44 | .43 | .40 | .37 | .32 |
| 3.0         | .67                                                                        | .58  | .52  | .62  | .55  | .48  | .53 | .47 | .42 | .45 | .40 | .36 | .37 | .33 | .30 | .26 |
| 4.0         | .59                                                                        | .50  | .43  | .54  | .46  | .40  | .47 | .40 | .35 | .39 | .34 | .30 | .32 | .28 | .25 | .22 |
| 5.0         | .52                                                                        | .43  | .36  | .48  | .40  | .34  | .41 | .35 | .30 | .35 | .30 | .25 | .29 | .25 | .21 | .18 |
| 6.0         | .46                                                                        | .37  | .31  | .43  | .35  | .29  | .37 | .30 | .25 | .31 | .26 | .22 | .26 | .22 | .18 | .15 |
| 7.0         | .42                                                                        | .33  | .27  | .39  | .31  | .25  | .33 | .27 | .22 | .28 | .23 | .19 | .23 | .19 | .16 | .13 |
| 8.0         | .38                                                                        | .29  | .23  | .35  | .27  | .22  | .30 | .24 | .19 | .26 | .21 | .17 | .21 | .17 | .14 | .12 |
| 9.0         | .34                                                                        | .26  | .21  | .32  | .25  | .20  | .28 | .22 | .17 | .24 | .19 | .15 | .20 | .16 | .13 | .11 |
| 10.0        | .31                                                                        | .24  | .19  | .29  | .22  | .17  | .25 | .20 | .15 | .22 | .17 | .13 | .18 | .14 | .11 | .09 |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOMI  
 Test Date:2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

## WEC AND CCEC

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .364                  | .207 | .066 | .344 | .196 | .062 | .306                            | .175 | .056 | .271 | .156 | .050 | .239 | .138 | .045 |   |  |
| 2.0  | .316                  | .173 | .053 | .298 | .164 | .051 | .263                            | .146 | .045 | .231 | .130 | .041 | .202 | .114 | .036 |   |  |
| 3.0  | .282                  | .150 | .045 | .265 | .142 | .043 | .233                            | .126 | .038 | .204 | .112 | .034 | .177 | .098 | .030 |   |  |
| 4.0  | .254                  | .132 | .039 | .239 | .125 | .037 | .210                            | .111 | .033 | .183 | .098 | .030 | .158 | .086 | .026 |   |  |
| 5.0  | .231                  | .118 | .034 | .217 | .112 | .032 | .191                            | .099 | .029 | .166 | .087 | .026 | .143 | .076 | .023 |   |  |
| 6.0  | .212                  | .106 | .030 | .199 | .101 | .029 | .175                            | .090 | .026 | .152 | .079 | .023 | .130 | .069 | .020 |   |  |
| 7.0  | .196                  | .097 | .027 | .184 | .092 | .026 | .161                            | .082 | .023 | .140 | .072 | .021 | .120 | .062 | .018 |   |  |
| 8.0  | .182                  | .089 | .025 | .171 | .084 | .024 | .150                            | .075 | .021 | .130 | .066 | .019 | .111 | .057 | .017 |   |  |
| 9.0  | .170                  | .082 | .023 | .159 | .078 | .022 | .140                            | .069 | .020 | .121 | .061 | .017 | .104 | .053 | .015 |   |  |
| 10.0 | .159                  | .076 | .021 | .149 | .072 | .020 | .131                            | .064 | .018 | .114 | .056 | .016 | .097 | .049 | .014 |   |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  | .520                  | .520 | .520 | .444 | .444 | .444 | .303                                       | .303 | .303 | .174 | .174 | .174 | .056 | .056 | .056 |   |  |
| 1.0  | .516                  | .488 | .462 | .442 | .418 | .398 | .302                                       | .288 | .275 | .174 | .167 | .160 | .056 | .054 | .052 |   |  |
| 2.0  | .510                  | .466 | .429 | .437 | .401 | .371 | .299                                       | .277 | .259 | .173 | .161 | .152 | .055 | .052 | .049 |   |  |
| 3.0  | .503                  | .450 | .409 | .431 | .388 | .354 | .296                                       | .270 | .248 | .171 | .158 | .146 | .055 | .051 | .048 |   |  |
| 4.0  | .495                  | .439 | .395 | .425 | .379 | .343 | .292                                       | .264 | .242 | .169 | .155 | .143 | .054 | .050 | .047 |   |  |
| 5.0  | .488                  | .429 | .386 | .419 | .371 | .336 | .289                                       | .259 | .237 | .167 | .152 | .141 | .054 | .050 | .046 |   |  |
| 6.0  | .481                  | .422 | .379 | .414 | .365 | .330 | .285                                       | .256 | .234 | .166 | .150 | .139 | .053 | .049 | .046 |   |  |
| 7.0  | .475                  | .416 | .374 | .408 | .360 | .326 | .282                                       | .253 | .231 | .164 | .149 | .137 | .053 | .049 | .045 |   |  |
| 8.0  | .469                  | .410 | .370 | .403 | .356 | .323 | .279                                       | .250 | .229 | .162 | .147 | .136 | .053 | .048 | .045 |   |  |
| 9.0  | .463                  | .406 | .367 | .399 | .352 | .321 | .276                                       | .248 | .228 | .161 | .146 | .136 | .052 | .048 | .045 |   |  |
| 10.0 | .457                  | .402 | .365 | .394 | .349 | .319 | .273                                       | .246 | .226 | .159 | .145 | .135 | .052 | .048 | .045 |   |  |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOMI  
 Test Date:2023-05-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|                                                                                  |                  |      |      |      |            |                |      |             |      |      |      |
|----------------------------------------------------------------------------------|------------------|------|------|------|------------|----------------|------|-------------|------|------|------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |                  |      |      |      |            |                |      |             |      |      |      |
| NAME: SB-U01A30WSZ                                                               |                  |      |      |      | TYPE:      |                |      | WEIGHT:     |      |      |      |
| SPEC.:4000K                                                                      |                  |      |      |      | DIM.:      |                |      | SERIAL No.: |      |      |      |
| MFR.: SNOWBALL                                                                   |                  |      |      |      | SUR.:600mm |                |      |             |      |      |      |
| 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                                                                    | 11.3             | 12.4 | 12.1 | 13.2 | 14.2       | 11.0           | 12.1 | 11.8        | 12.9 | 13.9 |      |
|                                                                                  | 3H               | 13.9 | 14.9 | 14.7 | 15.7       | 16.8           | 13.5 | 14.5        | 14.3 | 15.3 | 16.4 |
|                                                                                  | 4H               | 15.3 | 16.3 | 16.2 | 17.1       | 18.2           | 14.9 | 15.8        | 15.7 | 16.7 | 17.7 |
|                                                                                  | 6H               | 16.9 | 17.8 | 17.8 | 18.7       | 19.8           | 16.4 | 17.2        | 17.2 | 18.1 | 19.2 |
|                                                                                  | 8H               | 17.8 | 18.6 | 18.6 | 19.5       | 20.6           | 17.1 | 18.0        | 18.0 | 18.8 | 19.9 |
|                                                                                  | 12H              | 18.6 | 19.4 | 19.5 | 20.3       | 21.4           | 17.9 | 18.7        | 18.8 | 19.6 | 20.8 |
| 4H                                                                               | 2H               | 12.0 | 13.0 | 12.9 | 13.8       | 14.9           | 11.8 | 12.7        | 12.6 | 13.6 | 14.6 |
|                                                                                  | 3H               | 14.8 | 15.6 | 15.7 | 16.5       | 17.6           | 14.5 | 15.3        | 15.4 | 16.2 | 17.3 |
|                                                                                  | 4H               | 16.4 | 17.1 | 17.3 | 18.0       | 19.2           | 16.0 | 16.8        | 16.9 | 17.7 | 18.8 |
|                                                                                  | 6H               | 18.2 | 18.8 | 19.1 | 19.7       | 20.9           | 17.7 | 18.3        | 18.6 | 19.2 | 20.4 |
|                                                                                  | 8H               | 19.1 | 19.7 | 20.0 | 20.7       | 21.9           | 18.5 | 19.1        | 19.4 | 20.1 | 21.2 |
|                                                                                  | 12H              | 20.0 | 20.6 | 21.0 | 21.5       | 22.8           | 19.4 | 20.0        | 20.4 | 20.9 | 22.1 |
| 8H                                                                               | 4H               | 16.9 | 17.5 | 17.8 | 18.5       | 19.6           | 16.6 | 17.2        | 17.5 | 18.2 | 19.3 |
|                                                                                  | 6H               | 18.9 | 19.5 | 19.9 | 20.4       | 21.6           | 18.5 | 19.0        | 19.5 | 20.0 | 21.2 |
|                                                                                  | 8H               | 20.1 | 20.6 | 21.1 | 21.5       | 22.8           | 19.5 | 20.0        | 20.5 | 21.0 | 22.2 |
|                                                                                  | 12H              | 21.2 | 21.6 | 22.2 | 22.6       | 23.8           | 20.7 | 21.1        | 21.6 | 22.0 | 23.3 |
| 12H                                                                              | 4H               | 17.0 | 17.6 | 18.0 | 18.5       | 19.7           | 16.8 | 17.3        | 17.7 | 18.3 | 19.5 |
|                                                                                  | 6H               | 19.2 | 19.6 | 20.1 | 20.6       | 21.8           | 18.8 | 19.2        | 19.7 | 20.2 | 21.4 |
|                                                                                  | 8H               | 20.4 | 20.8 | 21.4 | 21.8       | 23.0           | 19.9 | 20.3        | 20.9 | 21.3 | 22.5 |
| Variations with the observer position at spacings:                               |                  |      |      |      |            |                |      |             |      |      |      |
| S = 1.0H                                                                         | + 0.1 / - 0.1    |      |      |      |            | + 0.1 / - 0.1  |      |             |      |      |      |
| 1.5H                                                                             | + 0.2 / - 0.3    |      |      |      |            | + 0.2 / - 0.2  |      |             |      |      |      |
| 2.0H                                                                             | + 0.2 / - 0.3    |      |      |      |            | + 0.2 / - 0.4  |      |             |      |      |      |

CIE Pub.117, 2132 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 2.6$ )  
Area: 0.28 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOMI  
Test Date:2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |

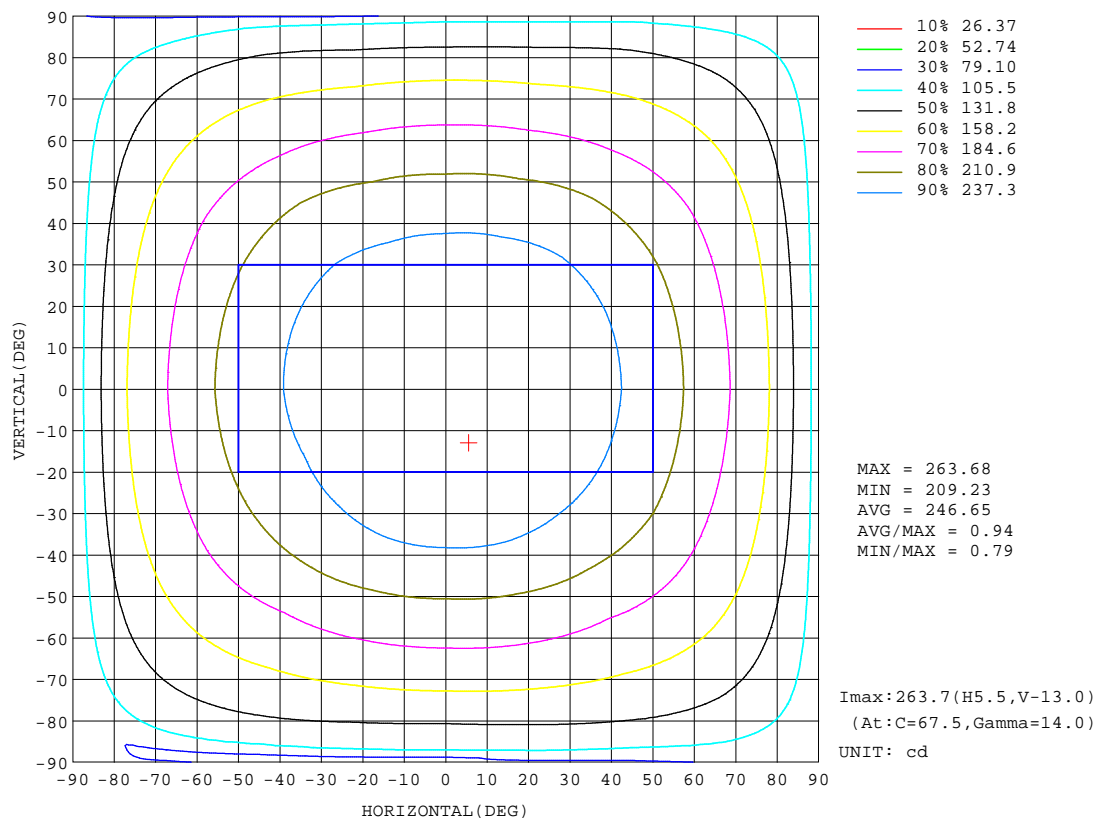
| REFLECTANCE                      |                                                     |     |           |     |     |     |     |               |     |        |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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                         | 41                                                  | 29  | 22        | 39  | 28  | 21  | 35  | 26            | 20  | 12     |
| 0.80                             | 50                                                  | 37  | 29        | 47  | 35  | 28  | 42  | 32            | 26  | 16     |
| 1.00                             | 57                                                  | 44  | 36        | 54  | 42  | 34  | 48  | 40            | 32  | 20     |
| 1.25                             | 64                                                  | 51  | 43        | 60  | 49  | 41  | 53  | 44            | 37  | 24     |
| 1.50                             | 69                                                  | 57  | 48        | 65  | 54  | 46  | 57  | 48            | 42  | 27     |
| 2.00                             | 77                                                  | 66  | 57        | 72  | 62  | 54  | 63  | 55            | 49  | 31     |
| 2.50                             | 82                                                  | 71  | 63        | 76  | 67  | 60  | 66  | 59            | 53  | 34     |
| 3.00                             | 86                                                  | 76  | 68        | 80  | 71  | 65  | 69  | 63            | 57  | 37     |
| 4.00                             | 90                                                  | 82  | 76        | 84  | 77  | 71  | 73  | 67            | 63  | 40     |
| 5.00                             | 94                                                  | 87  | 81        | 87  | 81  | 76  | 75  | 70            | 66  | 43     |
| ROOM INDEX                       | UF(total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                     |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XIAOMI  
 Test Date:2023-05-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |



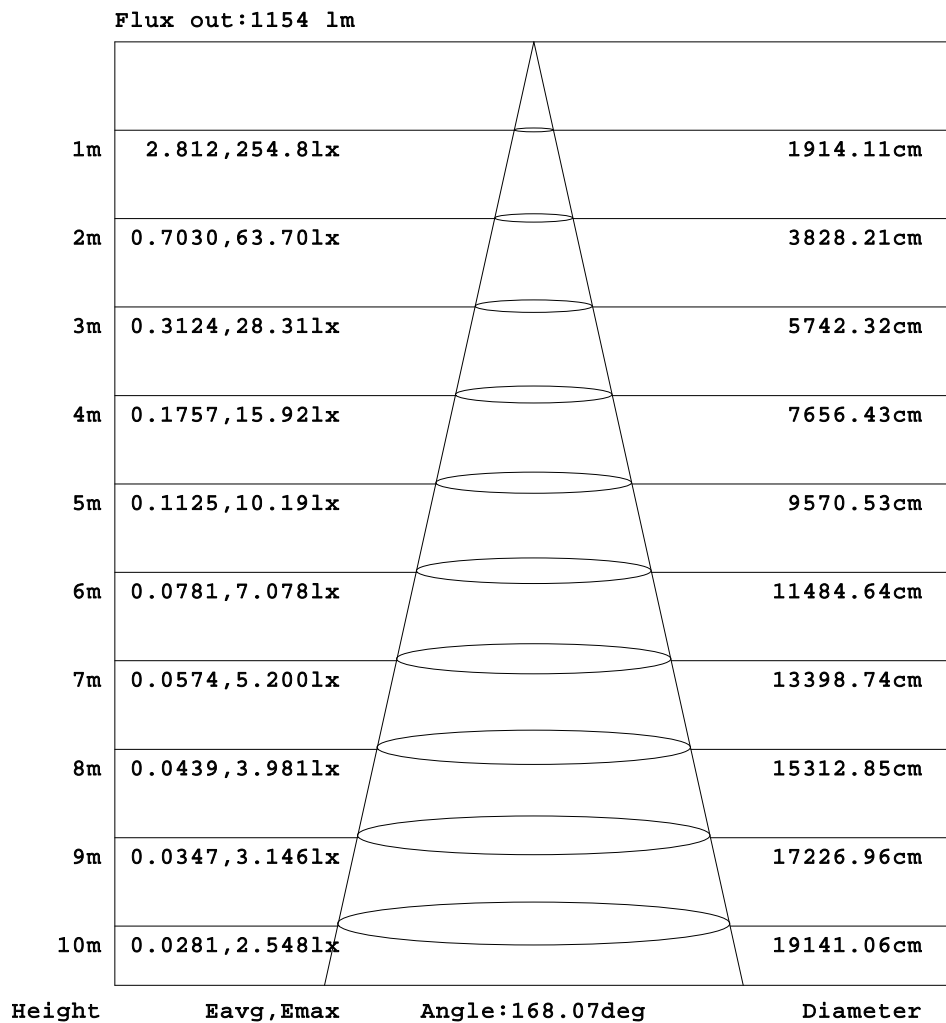
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOMI  
 Test Date: 2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:



## AAI Figure

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |



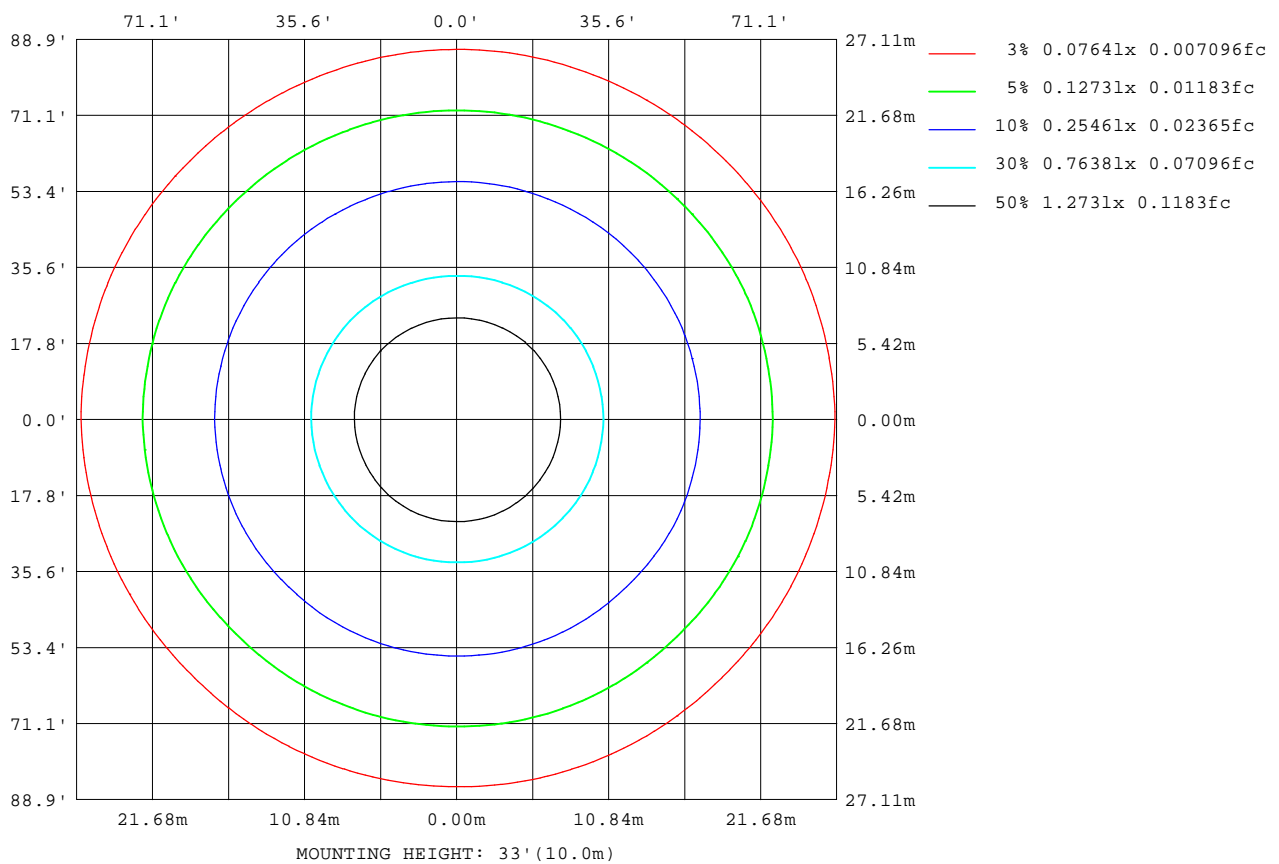
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOMI  
 Test Date: 2023-05-30

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

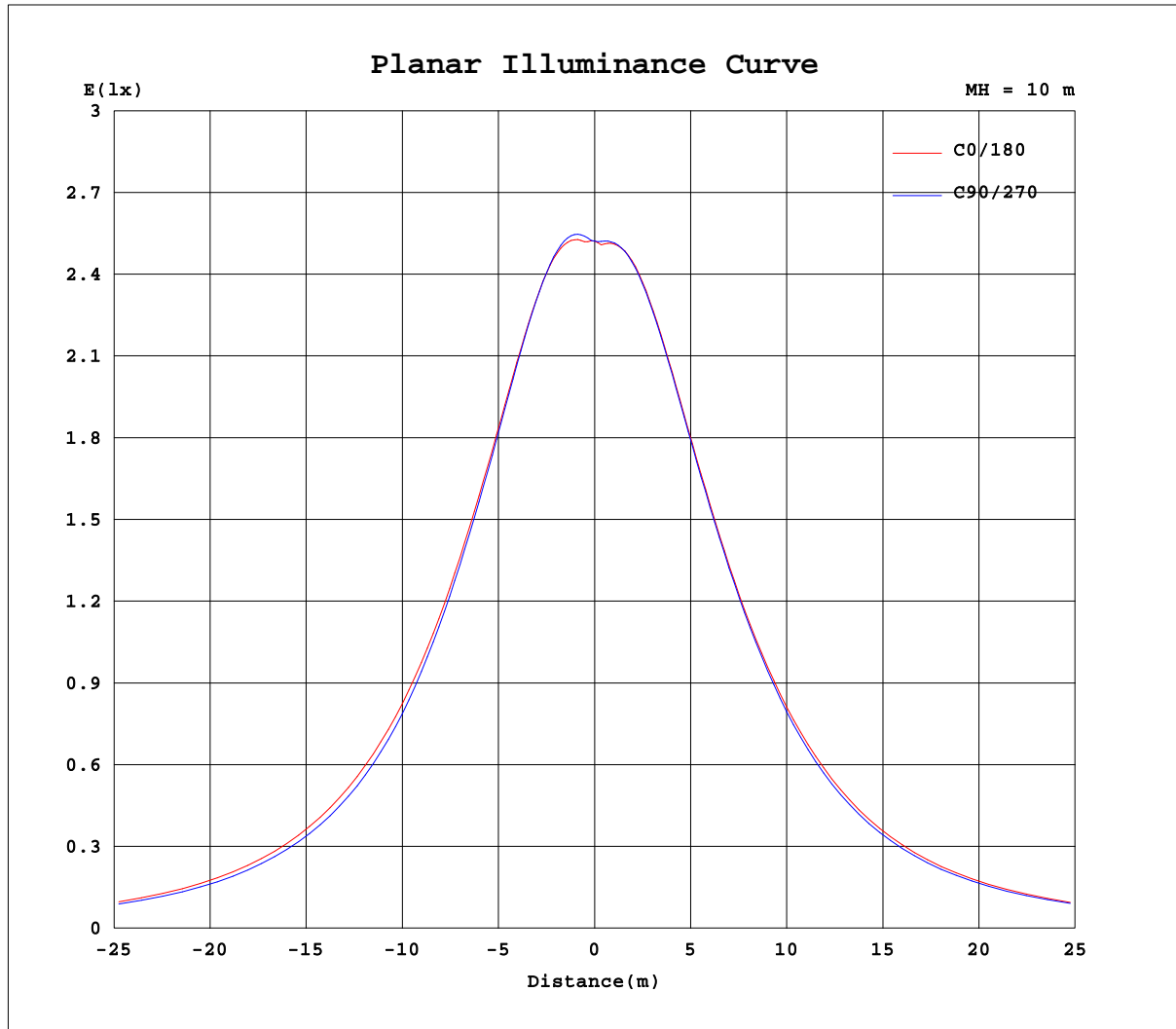
|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XIAOMI  
 Test Date: 2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: XIAOMI  
Test Date: 2023-05-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 9.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |            |             |
|----------------------------------------------------------------------------------|------------|-------------|
| Test:U:220.25V I:0.1705A P:30.303W PF:0.8071 Freq:50.00Hz Lamp Flux:2131.81x1 lm |            |             |
| NAME: SB-U01A30WSZ                                                               | TYPE:      | WEIGHT:     |
| SPEC.:4000K                                                                      | DIM.:      | SERIAL No.: |
| MFR.: SNOWBALL                                                                   | SUR.:600mm |             |

Table--1

UNIT: cd

| C(DEC)<br>γ (DEC) | 0    | 22.5 | 45   | 67.5 | 90   | 112.5 | 135  | 157.5 | 180  | 202.5 | 225  | 247.5 | 270  | 292.5 | 315  | 337.5 |  |  |  |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0                 | 252  | 252  | 253  | 252  | 252  | 252   | 252  | 252   | 252  | 252   | 253  | 252   | 252  | 252   | 252  | 252   |  |  |  |
| 5                 | 256  | 256  | 257  | 258  | 258  | 256   | 255  | 254   | 254  | 255   | 255  | 255   | 255  | 255   | 254  | 255   |  |  |  |
| 10                | 261  | 262  | 262  | 262  | 262  | 261   | 260  | 258   | 259  | 259   | 259  | 259   | 258  | 259   | 259  | 260   |  |  |  |
| 15                | 263  | 264  | 264  | 264  | 263  | 262   | 260  | 259   | 260  | 259   | 259  | 259   | 259  | 260   | 261  | 262   |  |  |  |
| 20                | 262  | 262  | 261  | 262  | 261  | 260   | 257  | 256   | 257  | 257   | 257  | 256   | 257  | 258   | 260  | 261   |  |  |  |
| 25                | 258  | 257  | 257  | 257  | 256  | 255   | 253  | 251   | 253  | 253   | 253  | 252   | 252  | 253   | 256  | 257   |  |  |  |
| 30                | 253  | 252  | 251  | 251  | 250  | 249   | 247  | 246   | 248  | 248   | 248  | 247   | 247  | 248   | 251  | 253   |  |  |  |
| 35                | 248  | 246  | 244  | 244  | 243  | 242   | 241  | 240   | 242  | 243   | 243  | 241   | 241  | 242   | 246  | 247   |  |  |  |
| 40                | 241  | 239  | 237  | 236  | 234  | 234   | 234  | 234   | 236  | 236   | 237  | 234   | 234  | 236   | 239  | 241   |  |  |  |
| 45                | 234  | 232  | 229  | 226  | 223  | 224   | 226  | 227   | 230  | 230   | 229  | 226   | 225  | 228   | 232  | 233   |  |  |  |
| 50                | 225  | 223  | 219  | 214  | 212  | 213   | 216  | 218   | 222  | 222   | 221  | 216   | 215  | 217   | 223  | 225   |  |  |  |
| 55                | 216  | 214  | 207  | 203  | 202  | 201   | 203  | 208   | 212  | 212   | 210  | 205   | 204  | 206   | 212  | 215   |  |  |  |
| 60                | 205  | 202  | 194  | 192  | 190  | 190   | 191  | 197   | 202  | 201   | 197  | 193   | 193  | 194   | 200  | 204   |  |  |  |
| 65                | 194  | 190  | 182  | 180  | 178  | 178   | 179  | 185   | 190  | 189   | 184  | 181   | 182  | 183   | 187  | 192   |  |  |  |
| 70                | 181  | 175  | 170  | 168  | 166  | 166   | 167  | 172   | 177  | 175   | 171  | 169   | 170  | 171   | 174  | 179   |  |  |  |
| 75                | 168  | 162  | 157  | 154  | 152  | 152   | 154  | 159   | 164  | 161   | 159  | 156   | 157  | 157   | 161  | 164   |  |  |  |
| 80                | 153  | 150  | 143  | 138  | 135  | 136   | 141  | 146   | 150  | 148   | 146  | 141   | 142  | 143   | 148  | 151   |  |  |  |
| 85                | 120  | 119  | 115  | 115  | 114  | 114   | 114  | 116   | 117  | 117   | 119  | 119   | 120  | 121   | 125  | 123   |  |  |  |
| 90                | 81.7 | 80.8 | 75.9 | 75.3 | 78.2 | 75.6  | 77.9 | 79.6  | 79.2 | 78.4  | 76.9 | 76.8  | 85.3 | 86.6  | 91.1 | 86.4  |  |  |  |
| 95                | 109  | 101  | 93.7 | 90.6 | 100  | 93.1  | 99.0 | 103   | 109  | 102   | 91.8 | 87.3  | 92.8 | 86.5  | 87.9 | 98.7  |  |  |  |
| 100               | 138  | 129  | 120  | 117  | 129  | 118   | 122  | 129   | 139  | 130   | 120  | 113   | 111  | 108   | 113  | 124   |  |  |  |
| 105               | 150  | 139  | 131  | 131  | 143  | 131   | 131  | 138   | 152  | 137   | 126  | 122   | 132  | 119   | 124  | 132   |  |  |  |
| 110               | 161  | 150  | 141  | 137  | 146  | 137   | 141  | 149   | 162  | 146   | 132  | 122   | 132  | 118   | 130  | 146   |  |  |  |
| 115               | 172  | 160  | 151  | 125  | 148  | 124   | 151  | 160   | 173  | 155   | 145  | 115   | 139  | 111   | 140  | 156   |  |  |  |
| 120               | 183  | 170  | 160  | 126  | 155  | 128   | 161  | 170   | 183  | 166   | 154  | 125   | 145  | 120   | 154  | 166   |  |  |  |
| 125               | 192  | 179  | 165  | 145  | 164  | 146   | 164  | 179   | 192  | 175   | 159  | 138   | 157  | 139   | 152  | 167   |  |  |  |
| 130               | 198  | 187  | 151  | 161  | 172  | 162   | 144  | 182   | 200  | 183   | 144  | 148   | 162  | 151   | 145  | 173   |  |  |  |
| 135               | 201  | 173  | 148  | 171  | 179  | 175   | 144  | 154   | 189  | 155   | 137  | 164   | 169  | 162   | 142  | 165   |  |  |  |
| 140               | 170  | 151  | 164  | 178  | 186  | 185   | 169  | 144   | 169  | 145   | 165  | 173   | 176  | 167   | 160  | 147   |  |  |  |
| 145               | 142  | 153  | 176  | 187  | 192  | 181   | 172  | 156   | 149  | 159   | 180  | 177   | 174  | 176   | 170  | 151   |  |  |  |
| 150               | 147  | 168  | 183  | 190  | 188  | 169   | 162  | 160   | 154  | 156   | 168  | 161   | 172  | 181   | 181  | 169   |  |  |  |
| 155               | 160  | 177  | 182  | 191  | 183  | 163   | 154  | 162   | 165  | 157   | 158  | 160   | 176  | 186   | 180  | 176   |  |  |  |
| 160               | 167  | 178  | 183  | 189  | 180  | 163   | 152  | 152   | 173  | 155   | 149  | 161   | 174  | 185   | 180  | 176   |  |  |  |
| 165               | 168  | 179  | 187  | 190  | 180  | 165   | 152  | 156   | 173  | 154   | 148  | 160   | 170  | 183   | 183  | 176   |  |  |  |
| 170               | 207  | 211  | 204  | 196  | 188  | 190   | 182  | 197   | 211  | 194   | 188  | 184   | 180  | 192   | 201  | 206   |  |  |  |
| 175               | 209  | 211  | 204  | 198  | 197  | 191   | 194  | 206   | 214  | 202   | 195  | 192   | 189  | 193   | 202  | 203   |  |  |  |
| 180               | 210  | 207  | 199  | 197  | 193  | 192   | 201  | 207   | 211  | 207   | 199  | 197   | 193  | 192   | 200  | 207   |  |  |  |

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:XIAOMI  
Test Date:2023-05-30

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks: