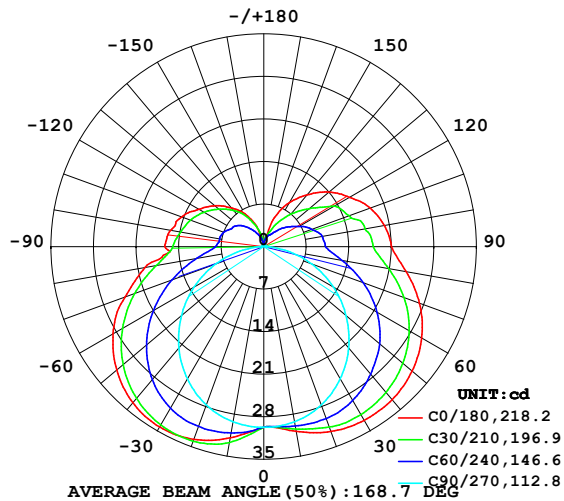


LUMINAIRE PHOTOMETRIC TEST REPORT

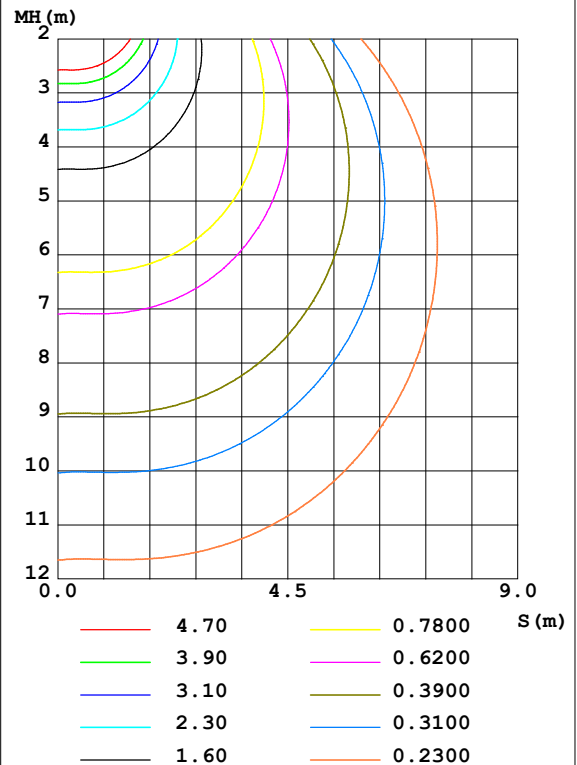
|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |

| DATA OF LAMP     |             | PHOTOMETRIC DATA Eff: 36.02 lm/W |         |                   |           |
|------------------|-------------|----------------------------------|---------|-------------------|-----------|
| MODEL            | LA181006004 | Imax(cd)                         | 34.27   | S/MH(C0/180)      | 1.70      |
| NOMINAL POWER(W) | 5.35        | LOR(%)                           | 100.0   | S/MH(C90/270)     | 1.26      |
| RATED VOLTAGE(V) | 24          | TOTAL FLUX(lm)                   | 193.38  | □ UP,DN(C0-180)   | 13.6,37.2 |
| NOMINAL FLUX(lm) | 3.22297     | CIE CLASS                        | SEMI-D. | □ UP,DN(C180-360) | 12.6,36.7 |
| LAMPS INSIDE     | 60          | □ up (%)                         | 26.1    | CIBSE SHR NOM     | 1.50      |
| TEST VOLTAGE(V)  | 24          | □ down (%)                       | 73.9    | CIBSE SHR MAX     | 1.55      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 180DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-09-26

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.400m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

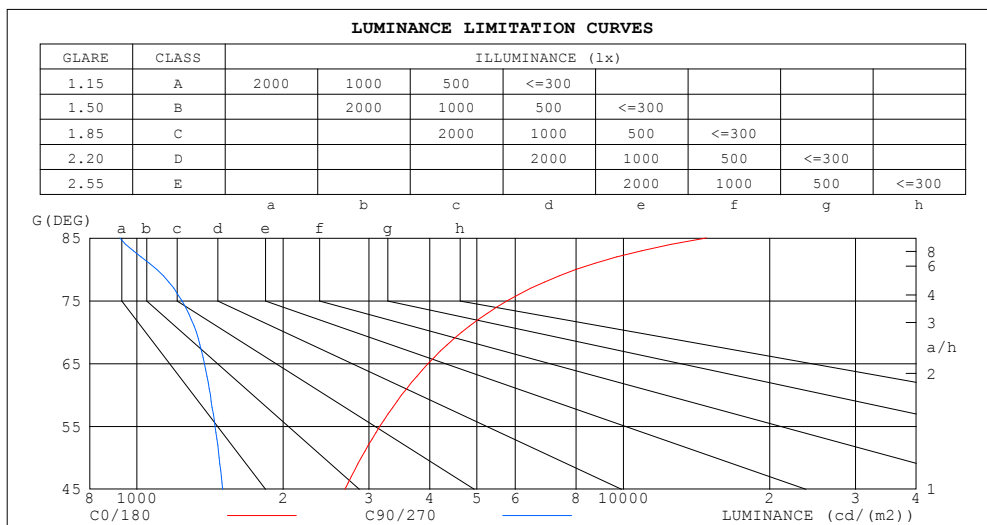
| °   | C0                    | C45    | C90    | C135   | C180   | C225   | C270   | C315   | °       | □ zone  | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10  | 30.87                 | 30.24  | 29.26  | 31.92  | 31.94  | 31.92  | 29.26  | 30.24  | 0- 10   | 2.905   | 2.905   | 1.5,1.5    |
| 20  | 32.35                 | 30.85  | 27.72  | 32.77  | 33.73  | 32.77  | 27.72  | 30.85  | 10- 20  | 8.843   | 11.75   | 6.08,6.08  |
| 30  | 33.01                 | 30.61  | 25.15  | 32.30  | 34.27  | 32.30  | 25.15  | 30.61  | 20- 30  | 14.43   | 26.17   | 13.5,13.5  |
| 40  | 32.86                 | 29.38  | 21.74  | 30.57  | 33.53  | 30.57  | 21.74  | 29.38  | 30- 40  | 18.88   | 45.06   | 23.3,23.3  |
| 50  | 31.86                 | 27.45  | 17.69  | 27.71  | 31.59  | 27.71  | 17.69  | 27.45  | 40- 50  | 21.68   | 66.73   | 34.5,34.5  |
| 60  | 30.02                 | 24.64  | 13.20  | 23.91  | 28.63  | 23.91  | 13.20  | 24.64  | 50- 60  | 22.50   | 89.23   | 46.1,46.1  |
| 70  | 27.27                 | 21.09  | 8.452  | 19.37  | 24.30  | 19.37  | 8.452  | 21.09  | 60- 70  | 21.23   | 110.5   | 57.1,57.1  |
| 80  | 23.79                 | 17.08  | 3.558  | 14.60  | 19.84  | 14.60  | 3.558  | 17.08  | 70- 80  | 18.09   | 128.5   | 66.5,66.5  |
| 90  | 21.04                 | 14.22  | 0.4840 | 11.50  | 16.31  | 11.50  | 0.4840 | 14.22  | 80- 90  | 14.26   | 142.8   | 73.9,73.9  |
| 100 | 20.15                 | 13.44  | 0.3500 | 10.68  | 15.60  | 10.68  | 0.3500 | 13.44  | 90-100  | 12.64   | 155.4   | 80.4,80.4  |
| 110 | 18.63                 | 11.76  | 0.3344 | 9.932  | 14.38  | 9.932  | 0.3344 | 11.76  | 100-110 | 11.38   | 166.8   | 86.3,86.3  |
| 120 | 16.28                 | 10.14  | 0.3210 | 8.728  | 12.33  | 8.728  | 0.3210 | 10.14  | 110-120 | 9.473   | 176.3   | 91.2,91.2  |
| 130 | 13.98                 | 7.444  | 0.2982 | 7.538  | 10.49  | 7.538  | 0.2982 | 7.444  | 120-130 | 7.184   | 183.5   | 94.9,94.9  |
| 140 | 11.14                 | 5.301  | 0.2871 | 5.989  | 8.349  | 5.989  | 0.2871 | 5.301  | 130-140 | 4.933   | 188.4   | 97.4,97.4  |
| 150 | 8.310                 | 3.476  | 0.2832 | 4.297  | 6.265  | 4.297  | 0.2832 | 3.476  | 140-150 | 2.968   | 191.4   | 99,99      |
| 160 | 5.019                 | 2.128  | 0.2829 | 2.583  | 3.648  | 2.583  | 0.2829 | 2.128  | 150-160 | 1.459   | 192.8   | 99.7,99.7  |
| 170 | 1.262                 | 1.269  | 0.2825 | 1.066  | 0.7822 | 1.066  | 0.2825 | 1.269  | 160-170 | 0.4676  | 193.3   | 100,100    |
| 180 | 0.2119                | 0.2547 | 0.2823 | 0.2995 | 0.1752 | 0.2995 | 0.2823 | 0.2547 | 170-180 | 0.0665  | 193.4   | 100,100    |
| DEG | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |         | UNIT:lm |         |            |

C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |



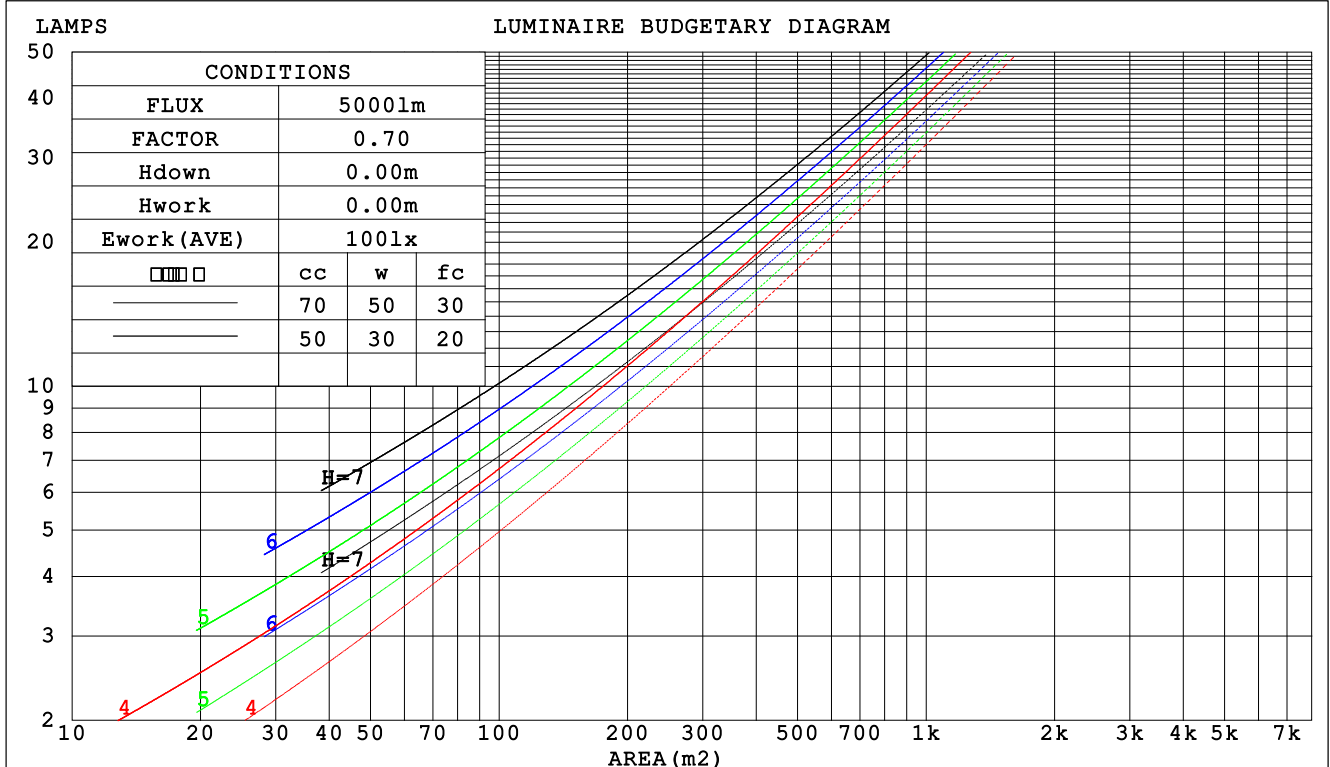
C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |

| □cc | 80%                   |     |     | 70% |     |     | 50% |     |     | 30% |     |     | 10% |     |     | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| □w  | 50%                   | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20%                   |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 20% |     |     | 0 |
| RCR | RCR:Room Cavity Ratio |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |



C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |

| □cc  | 80%                   |      |      | 70%  |      |      | 50%                              |      |      | 30%  |      |      | 10%  |      |      | 0 |  |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|
| □w   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                              | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |  |
| □fc  | 20%                   |      |      | 20%  |      |      | 20%                              |      |      | 20%  |      |      | 20%  |      |      | 0 |  |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients (WEC) |      |      |      |      |      |      |      |      |   |  |
| 0.0  |                       |      |      |      |      |      |                                  |      |      |      |      |      |      |      |      |   |  |
| 1.0  | .387                  | .220 | .070 | .371 | .212 | .067 | .343                             | .197 | .063 | .317 | .183 | .059 | .293 | .170 | .055 |   |  |
| 2.0  | .334                  | .183 | .056 | .320 | .176 | .054 | .295                             | .164 | .051 | .271 | .152 | .048 | .249 | .141 | .044 |   |  |
| 3.0  | .296                  | .158 | .047 | .284 | .152 | .046 | .261                             | .141 | .043 | .239 | .131 | .040 | .219 | .121 | .037 |   |  |
| 4.0  | .267                  | .139 | .041 | .255 | .134 | .039 | .234                             | .124 | .037 | .214 | .115 | .035 | .196 | .106 | .032 |   |  |
| 5.0  | .242                  | .123 | .036 | .232 | .119 | .035 | .212                             | .111 | .033 | .194 | .102 | .030 | .177 | .095 | .028 |   |  |
| 6.0  | .222                  | .111 | .032 | .212 | .107 | .031 | .194                             | .100 | .029 | .178 | .092 | .027 | .162 | .085 | .025 |   |  |
| 7.0  | .204                  | .101 | .029 | .196 | .097 | .028 | .179                             | .091 | .026 | .164 | .084 | .024 | .149 | .078 | .023 |   |  |
| 8.0  | .189                  | .093 | .026 | .181 | .089 | .025 | .166                             | .083 | .024 | .152 | .077 | .022 | .139 | .071 | .021 |   |  |
| 9.0  | .176                  | .085 | .024 | .169 | .082 | .023 | .155                             | .077 | .022 | .142 | .071 | .020 | .129 | .066 | .019 |   |  |
| 10.0 | .165                  | .079 | .022 | .158 | .076 | .021 | .145                             | .071 | .020 | .133 | .066 | .019 | .121 | .061 | .018 |   |  |

| □cc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| □w   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| □fc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .390                  | .390 | .390 | .333 | .333 | .333 | .227                                       | .227 | .227 | .131 | .131 | .131 | .042 | .042 | .042 |   |
| 1.0  | .387                  | .356 | .329 | .331 | .306 | .283 | .226                                       | .210 | .196 | .130 | .122 | .114 | .042 | .039 | .037 |   |
| 2.0  | .380                  | .334 | .295 | .326 | .287 | .255 | .223                                       | .199 | .178 | .129 | .116 | .104 | .041 | .037 | .034 |   |
| 3.0  | .373                  | .318 | .274 | .320 | .274 | .237 | .219                                       | .190 | .167 | .127 | .111 | .098 | .041 | .036 | .032 |   |
| 4.0  | .365                  | .306 | .260 | .313 | .264 | .226 | .216                                       | .184 | .159 | .125 | .108 | .094 | .040 | .035 | .031 |   |
| 5.0  | .358                  | .296 | .250 | .307 | .256 | .218 | .212                                       | .179 | .154 | .123 | .105 | .091 | .040 | .034 | .030 |   |
| 6.0  | .351                  | .288 | .244 | .301 | .250 | .212 | .208                                       | .175 | .150 | .121 | .103 | .089 | .039 | .034 | .029 |   |
| 7.0  | .344                  | .282 | .238 | .296 | .244 | .208 | .204                                       | .171 | .147 | .119 | .101 | .088 | .038 | .033 | .029 |   |
| 8.0  | .337                  | .276 | .235 | .290 | .240 | .205 | .201                                       | .168 | .145 | .117 | .099 | .086 | .038 | .033 | .029 |   |
| 9.0  | .331                  | .272 | .232 | .285 | .236 | .202 | .197                                       | .166 | .144 | .115 | .098 | .086 | .037 | .032 | .028 |   |
| 10.0 | .325                  | .268 | .229 | .280 | .232 | .200 | .194                                       | .163 | .142 | .113 | .097 | .085 | .037 | .032 | .028 |   |

C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

|                                                                     |     |     |     |     |                  |      |      |      |      |                  |      |      |      |      |
|---------------------------------------------------------------------|-----|-----|-----|-----|------------------|------|------|------|------|------------------|------|------|------|------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 |     |     |     |     | TYPE:RGBW 3000K  |      |      |      |      | WEIGHT:          |      |      |      |      |
| SPEC.:110X220 DEG                                                   |     |     |     |     | DIM.:1000mm      |      |      |      |      | SERIAL No.:      |      |      |      |      |
| MFR.: CD                                                            |     |     |     |     | SUR.:1*0.018     |      |      |      |      | Shielding 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                                                       |     |     |     |     | 21.8             | 23.1 | 22.4 | 23.7 | 24.4 | 18.6             | 19.9 | 19.2 | 20.5 | 21.2 |
| 3H                                                                  |     |     |     |     | 24.6             | 25.8 | 25.3 | 26.5 | 27.2 | 20.2             | 21.3 | 20.8 | 22.0 | 22.8 |
| 4H                                                                  |     |     |     |     | 26.2             | 27.3 | 26.8 | 28.0 | 28.8 | 20.8             | 21.9 | 21.5 | 22.6 | 23.4 |
| 6H                                                                  |     |     |     |     | 27.9             | 29.0 | 28.6 | 29.6 | 30.5 | 21.3             | 22.3 | 21.9 | 23.0 | 23.8 |
| 8H                                                                  |     |     |     |     | 28.8             | 29.9 | 29.5 | 30.6 | 31.4 | 21.4             | 22.4 | 22.1 | 23.1 | 23.9 |
| 12H                                                                 |     |     |     |     | 29.9             | 30.9 | 30.6 | 31.6 | 32.5 | 21.5             | 22.5 | 22.2 | 23.2 | 24.0 |
| 4H 2H                                                               |     |     |     |     | 22.3             | 23.5 | 23.0 | 24.1 | 24.9 | 20.2             | 21.3 | 20.8 | 21.9 | 22.7 |
| 3H                                                                  |     |     |     |     | 25.4             | 26.4 | 26.1 | 27.1 | 28.0 | 22.0             | 23.0 | 22.7 | 23.7 | 24.6 |
| 4H                                                                  |     |     |     |     | 27.2             | 28.1 | 27.9 | 28.8 | 29.7 | 22.9             | 23.8 | 23.6 | 24.5 | 25.4 |
| 6H                                                                  |     |     |     |     | 29.1             | 29.9 | 29.8 | 30.7 | 31.5 | 23.6             | 24.4 | 24.3 | 25.1 | 26.0 |
| 8H                                                                  |     |     |     |     | 30.2             | 30.9 | 30.9 | 31.7 | 32.6 | 23.8             | 24.6 | 24.6 | 25.4 | 26.3 |
| 12H                                                                 |     |     |     |     | 31.4             | 32.1 | 32.2 | 32.9 | 33.8 | 24.0             | 24.7 | 24.8 | 25.5 | 26.4 |
| 8H 4H                                                               |     |     |     |     | 27.5             | 28.3 | 28.3 | 29.0 | 29.9 | 24.2             | 25.0 | 25.0 | 25.7 | 26.7 |
| 6H                                                                  |     |     |     |     | 29.7             | 30.4 | 30.5 | 31.2 | 32.1 | 25.4             | 26.0 | 26.1 | 26.8 | 27.7 |
| 8H                                                                  |     |     |     |     | 31.0             | 31.6 | 31.8 | 32.4 | 33.4 | 25.9             | 26.4 | 26.7 | 27.2 | 28.2 |
| 12H                                                                 |     |     |     |     | 32.5             | 33.0 | 33.3 | 33.8 | 34.8 | 26.3             | 26.8 | 27.1 | 27.6 | 28.6 |
| 12H 4H                                                              |     |     |     |     | 27.5             | 28.2 | 28.3 | 29.0 | 29.9 | 24.7             | 25.4 | 25.4 | 26.1 | 27.1 |
| 6H                                                                  |     |     |     |     | 29.9             | 30.4 | 30.7 | 31.2 | 32.2 | 26.0             | 26.6 | 26.8 | 27.4 | 28.4 |
| 8H                                                                  |     |     |     |     | 31.3             | 31.8 | 32.1 | 32.6 | 33.6 | 26.8             | 27.2 | 27.6 | 28.1 | 29.1 |
| 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 / - 0.3    |      |      |      |      |
| 2.0H                                                                |     |     |     |     | + 0.2 / - 0.3    |      |      |      |      | + 0.3 / - 0.5    |      |      |      |      |

CIE Pub.117, 193.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.7)

C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                     |                  |                  |
|---------------------------------------------------------------------|------------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE: RGBW 3000K | WEIGHT:          |
| SPEC.: 110X220 DEG                                                  | DIM.: 1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.: 1*0.018    | Shielding Angle: |

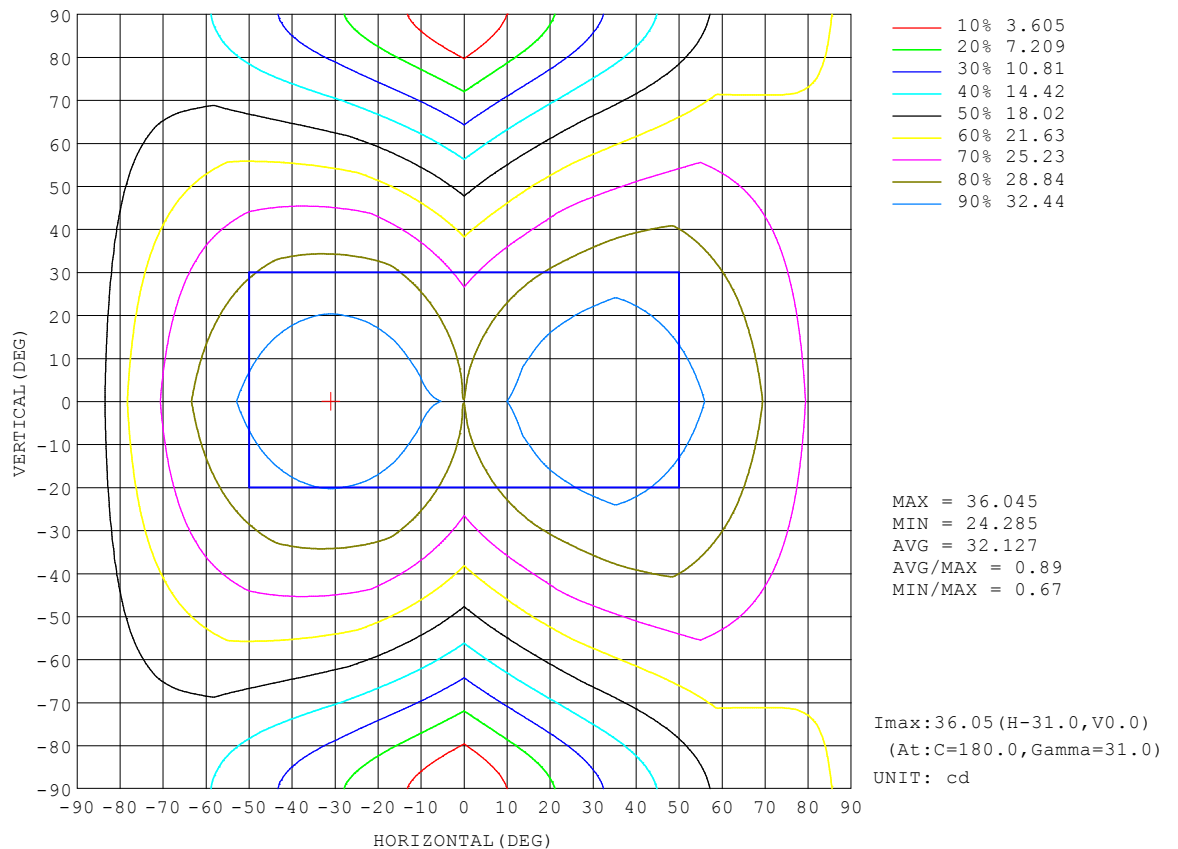
| REFLECTANCE                      |                                                  |     |     |     |     |     |     |     |     |        |
|----------------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling                          | 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                         | 44                                               | 32  | 24  | 43  | 31  | 24  | 41  | 30  | 24  | 17     |
| 0.80                             | 53                                               | 40  | 32  | 52  | 39  | 31  | 48  | 37  | 30  | 22     |
| 1.00                             | 61                                               | 48  | 39  | 59  | 46  | 38  | 55  | 46  | 37  | 27     |
| 1.25                             | 68                                               | 55  | 46  | 65  | 53  | 45  | 60  | 50  | 43  | 32     |
| 1.50                             | 73                                               | 61  | 52  | 70  | 59  | 50  | 64  | 55  | 48  | 36     |
| 2.00                             | 81                                               | 69  | 61  | 77  | 67  | 59  | 70  | 62  | 55  | 42     |
| 2.50                             | 86                                               | 75  | 67  | 82  | 72  | 64  | 74  | 66  | 60  | 46     |
| 3.00                             | 89                                               | 80  | 72  | 85  | 76  | 69  | 77  | 70  | 64  | 49     |
| 4.00                             | 94                                               | 86  | 79  | 90  | 82  | 76  | 81  | 75  | 70  | 53     |
| 5.00                             | 97                                               | 90  | 84  | 93  | 86  | 81  | 84  | 79  | 74  | 56     |
| ROOM INDEX                       | UF(total)                                        |     |     |     |     |     |     |     |     | Direct |
| According to DIN EN 13032-2 2004 |                                                  |     |     |     |     |     |     |     |     |        |
| Suspended                        |                                                  |     |     |     |     |     |     |     |     |        |
| SHRNOM = 1.25                    |                                                  |     |     |     |     |     |     |     |     |        |

C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 7.400m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

|                                                                     |                  |                  |
|---------------------------------------------------------------------|------------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE: RGBW 3000K | WEIGHT:          |
| SPEC.: 110X220 DEG                                                  | DIM.: 1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.: 1*0.018    | Shielding Angle: |

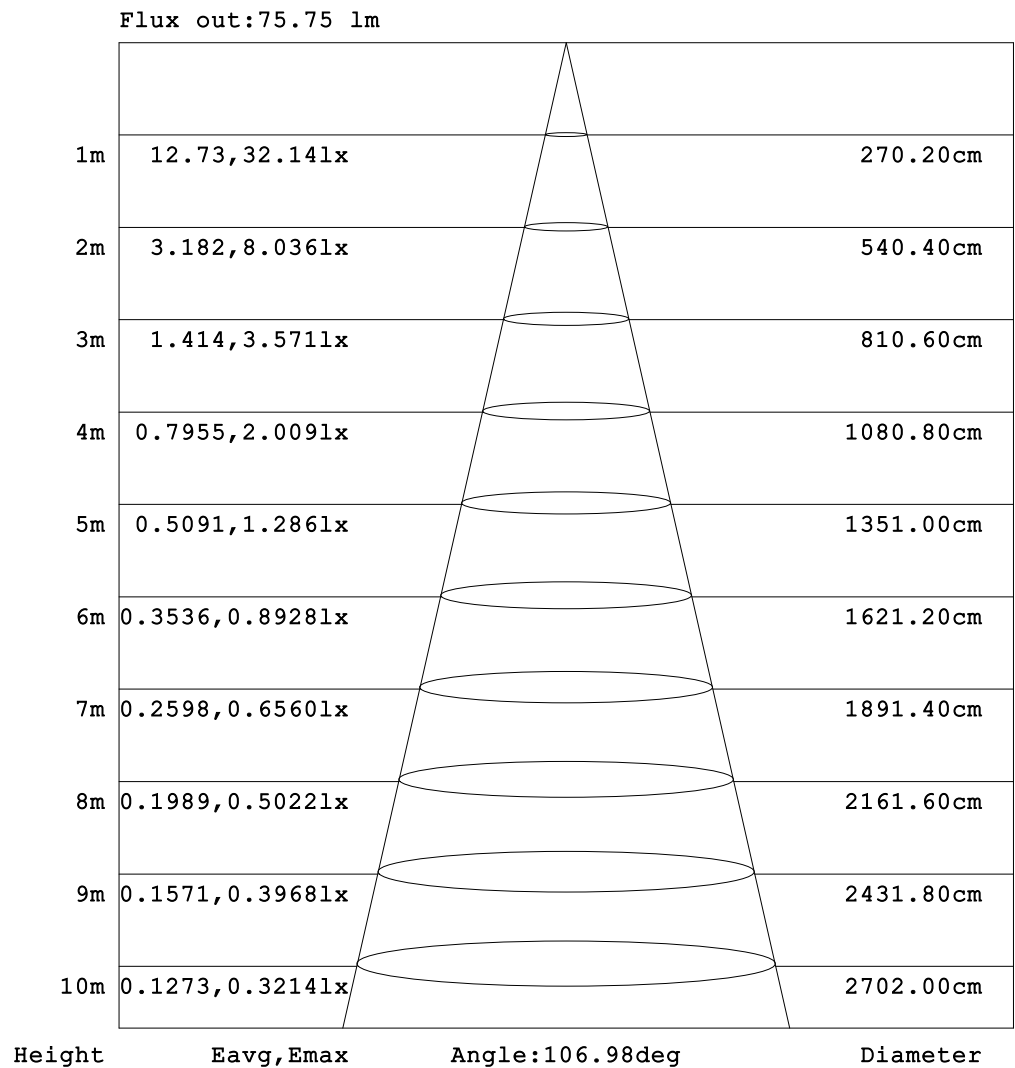


C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 7.400m [K=1.0000]  
Remarks:

### AAI Figure

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |



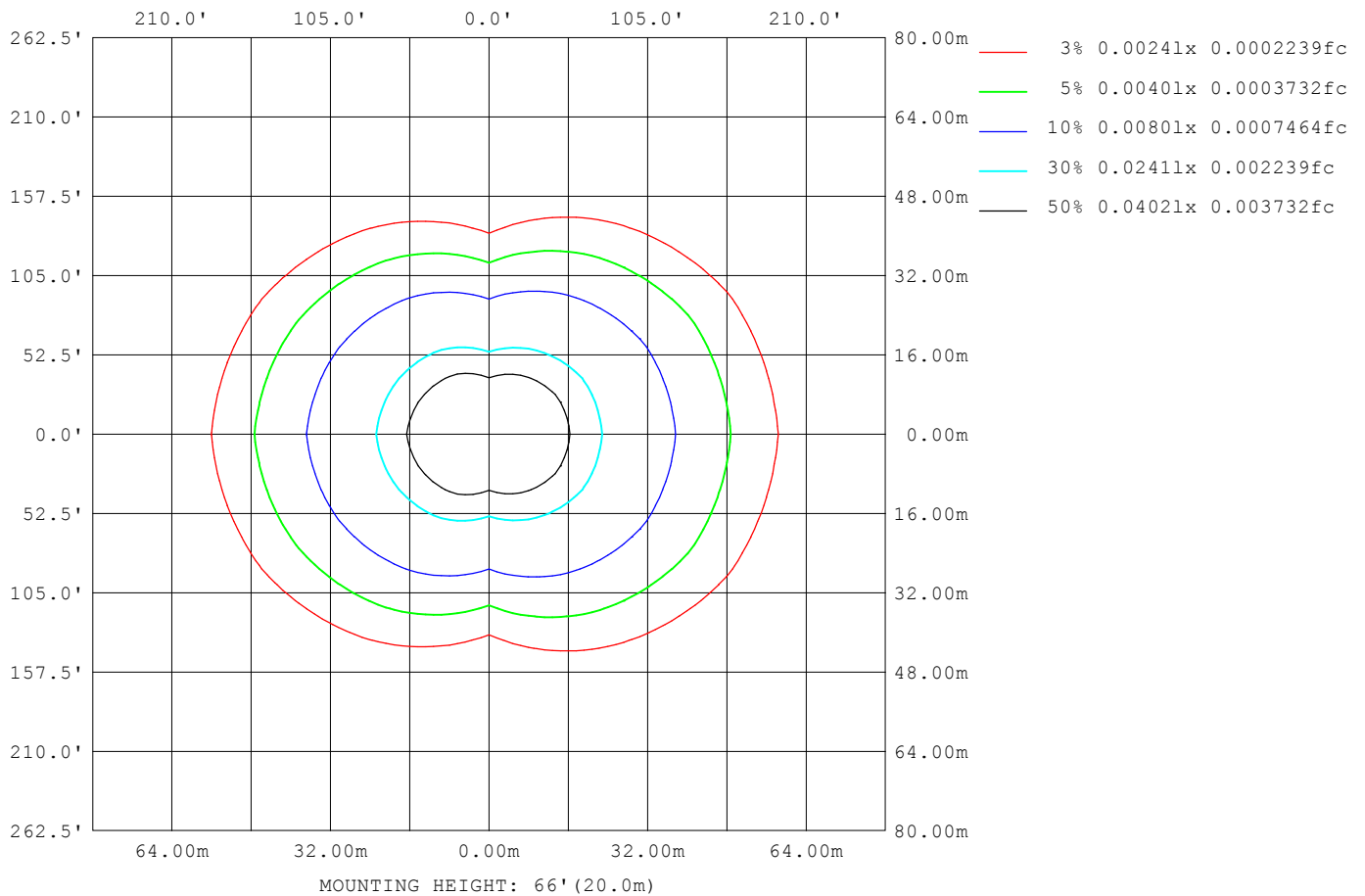
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 180DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.400m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

|                                                                     |                  |                  |
|---------------------------------------------------------------------|------------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE: RGBW 3000K | WEIGHT:          |
| SPEC.: 110X220 DEG                                                  | DIM.: 1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.: 1*0.018    | Shielding Angle: |



C Range: 0 - 180DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 7.400m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:                                                              | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |

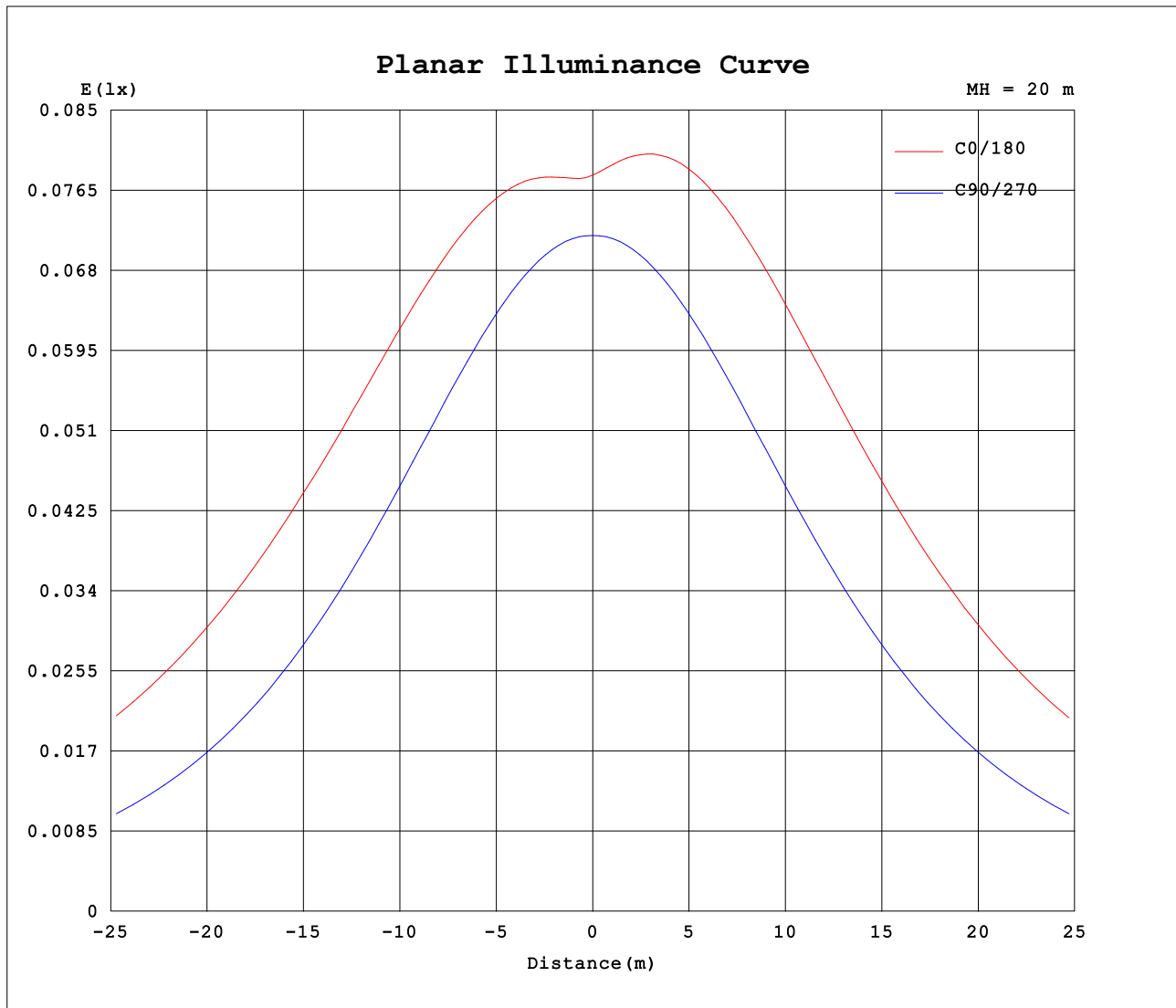
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 3653  |
| L_0~180 (75) av  | 5102  |
| L_0~180 (85) av  | 12340 |
| L_90~270 (65) av | 1427  |
| L_90~270 (75) av | 1283  |
| L_90~270 (85) av | 956   |
| L_45 (65) av     | 2980  |
| L_45 (75) av     | 3944  |
| L_45 (85) av     | 9147  |

Standard: GB/T 29293-2012

C Range: 0 - 180DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.400m [K=1.0000]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 180DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2022-09-26

☐ Range: 0 - 180DEG  
☐ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 7.400m [K=1.0000]  
 Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                     |                 |                  |
|---------------------------------------------------------------------|-----------------|------------------|
| NAME: LumiPixel Slim-Square Acrylic-1000mm-RGBW 3000K-110 220D-Rev1 | TYPE:RGBW 3000K | WEIGHT:          |
| SPEC.:110X220 DEG                                                   | DIM.:1000mm     | SERIAL No.:      |
| MFR.: CD                                                            | SUR.:1*0.018    | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>□ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0                  | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 | 29.7 |  |  |  |  |  |  |
| 5                  | 30.0 | 29.9 | 29.7 | 29.6 | 30.6 | 31.2 | 30.7 | 31.2 | 30.6 | 29.6 | 29.7 | 29.9 |  |  |  |  |  |  |
| 10                 | 30.9 | 30.5 | 30.0 | 29.3 | 31.1 | 32.7 | 31.9 | 32.7 | 31.1 | 29.3 | 30.0 | 30.5 |  |  |  |  |  |  |
| 15                 | 31.7 | 31.0 | 30.1 | 28.6 | 31.4 | 33.6 | 33.0 | 33.6 | 31.4 | 28.6 | 30.1 | 31.0 |  |  |  |  |  |  |
| 20                 | 32.4 | 31.6 | 30.1 | 27.7 | 31.5 | 34.1 | 33.7 | 34.1 | 31.5 | 27.7 | 30.1 | 31.6 |  |  |  |  |  |  |
| 25                 | 32.8 | 31.9 | 29.8 | 26.5 | 31.3 | 34.1 | 34.2 | 34.1 | 31.3 | 26.5 | 29.8 | 31.9 |  |  |  |  |  |  |
| 30                 | 33.0 | 31.9 | 29.2 | 25.2 | 30.7 | 33.9 | 34.3 | 33.9 | 30.7 | 25.2 | 29.2 | 31.9 |  |  |  |  |  |  |
| 35                 | 33.0 | 31.7 | 28.4 | 23.5 | 29.8 | 33.4 | 34.1 | 33.4 | 29.8 | 23.5 | 28.4 | 31.7 |  |  |  |  |  |  |
| 40                 | 32.9 | 31.3 | 27.4 | 21.7 | 28.6 | 32.6 | 33.5 | 32.6 | 28.6 | 21.7 | 27.4 | 31.3 |  |  |  |  |  |  |
| 45                 | 32.5 | 30.7 | 26.2 | 19.8 | 27.0 | 31.5 | 32.7 | 31.5 | 27.0 | 19.8 | 26.2 | 30.7 |  |  |  |  |  |  |
| 50                 | 31.9 | 29.9 | 24.9 | 17.7 | 25.2 | 30.2 | 31.6 | 30.2 | 25.2 | 17.7 | 24.9 | 29.9 |  |  |  |  |  |  |
| 55                 | 31.1 | 28.9 | 23.3 | 15.5 | 23.2 | 28.6 | 30.2 | 28.6 | 23.2 | 15.5 | 23.3 | 28.9 |  |  |  |  |  |  |
| 60                 | 30.0 | 27.6 | 21.5 | 13.2 | 21.0 | 26.8 | 28.6 | 26.8 | 21.0 | 13.2 | 21.5 | 27.6 |  |  |  |  |  |  |
| 65                 | 28.8 | 26.2 | 19.6 | 10.9 | 18.6 | 24.8 | 26.8 | 24.8 | 18.6 | 10.9 | 19.6 | 26.2 |  |  |  |  |  |  |
| 70                 | 27.3 | 24.6 | 17.4 | 8.45 | 16.1 | 22.6 | 24.3 | 22.6 | 16.1 | 8.45 | 17.4 | 24.6 |  |  |  |  |  |  |
| 75                 | 25.6 | 22.8 | 15.2 | 5.98 | 13.6 | 20.3 | 22.0 | 20.3 | 13.6 | 5.98 | 15.2 | 22.8 |  |  |  |  |  |  |
| 80                 | 23.8 | 20.9 | 13.1 | 3.56 | 11.2 | 18.0 | 19.8 | 18.0 | 11.2 | 3.56 | 13.1 | 20.9 |  |  |  |  |  |  |
| 85                 | 22.1 | 19.2 | 11.2 | 1.50 | 9.15 | 16.0 | 16.6 | 16.0 | 9.15 | 1.50 | 11.2 | 19.2 |  |  |  |  |  |  |
| 90                 | 21.0 | 18.1 | 10.2 | 0.48 | 7.97 | 15.0 | 16.3 | 15.0 | 7.97 | 0.48 | 10.2 | 18.1 |  |  |  |  |  |  |
| 95                 | 20.7 | 17.7 | 9.99 | 0.38 | 7.52 | 14.5 | 16.0 | 14.5 | 7.52 | 0.38 | 9.99 | 17.7 |  |  |  |  |  |  |
| 100                | 20.2 | 16.9 | 9.77 | 0.35 | 7.43 | 13.9 | 15.6 | 13.9 | 7.43 | 0.35 | 9.77 | 16.9 |  |  |  |  |  |  |
| 105                | 19.5 | 16.5 | 9.21 | 0.34 | 7.29 | 13.4 | 15.0 | 13.4 | 7.29 | 0.34 | 9.21 | 16.5 |  |  |  |  |  |  |
| 110                | 18.6 | 15.0 | 8.39 | 0.33 | 7.00 | 12.8 | 14.4 | 12.8 | 7.00 | 0.33 | 8.39 | 15.0 |  |  |  |  |  |  |
| 115                | 17.6 | 14.3 | 7.72 | 0.33 | 6.50 | 12.1 | 13.5 | 12.1 | 6.50 | 0.33 | 7.72 | 14.3 |  |  |  |  |  |  |
| 120                | 16.3 | 13.4 | 6.72 | 0.32 | 6.06 | 11.4 | 12.3 | 11.4 | 6.06 | 0.32 | 6.72 | 13.4 |  |  |  |  |  |  |
| 125                | 15.2 | 11.4 | 5.83 | 0.31 | 5.87 | 10.5 | 11.5 | 10.5 | 5.87 | 0.31 | 5.83 | 11.4 |  |  |  |  |  |  |
| 130                | 14.0 | 9.71 | 5.06 | 0.30 | 5.42 | 9.63 | 10.5 | 9.63 | 5.42 | 0.30 | 5.06 | 9.71 |  |  |  |  |  |  |
| 135                | 12.6 | 8.35 | 4.32 | 0.29 | 4.85 | 8.72 | 9.46 | 8.72 | 4.85 | 0.29 | 4.32 | 8.35 |  |  |  |  |  |  |
| 140                | 11.1 | 7.02 | 3.49 | 0.29 | 4.15 | 7.82 | 8.35 | 7.82 | 4.15 | 0.29 | 3.49 | 7.02 |  |  |  |  |  |  |
| 145                | 9.74 | 5.70 | 2.83 | 0.28 | 3.49 | 6.89 | 7.35 | 6.89 | 3.49 | 0.28 | 2.83 | 5.70 |  |  |  |  |  |  |
| 150                | 8.31 | 4.55 | 2.35 | 0.28 | 2.81 | 5.77 | 6.26 | 5.77 | 2.81 | 0.28 | 2.35 | 4.55 |  |  |  |  |  |  |
| 155                | 6.78 | 3.27 | 2.11 | 0.28 | 2.24 | 4.53 | 4.94 | 4.53 | 2.24 | 0.28 | 2.11 | 3.27 |  |  |  |  |  |  |
| 160                | 5.02 | 2.41 | 1.83 | 0.28 | 1.72 | 3.44 | 3.65 | 3.44 | 1.72 | 0.28 | 1.83 | 2.41 |  |  |  |  |  |  |
| 165                | 1.96 | 1.87 | 1.49 | 0.28 | 1.22 | 2.42 | 1.26 | 2.42 | 1.22 | 0.28 | 1.49 | 1.87 |  |  |  |  |  |  |
| 170                | 1.26 | 1.40 | 1.13 | 0.28 | 0.67 | 1.46 | 0.78 | 1.46 | 0.67 | 0.28 | 1.13 | 1.40 |  |  |  |  |  |  |
| 175                | 0.70 | 0.86 | 0.73 | 0.28 | 0.30 | 0.52 | 0.31 | 0.52 | 0.30 | 0.28 | 0.73 | 0.86 |  |  |  |  |  |  |
| 180                | 0.21 | 0.23 | 0.28 | 0.28 | 0.28 | 0.32 | 0.18 | 0.32 | 0.28 | 0.28 | 0.28 | 0.23 |  |  |  |  |  |  |

C Range: 0 - 180DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-09-26

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.400m [K=1.0000]  
Remarks: