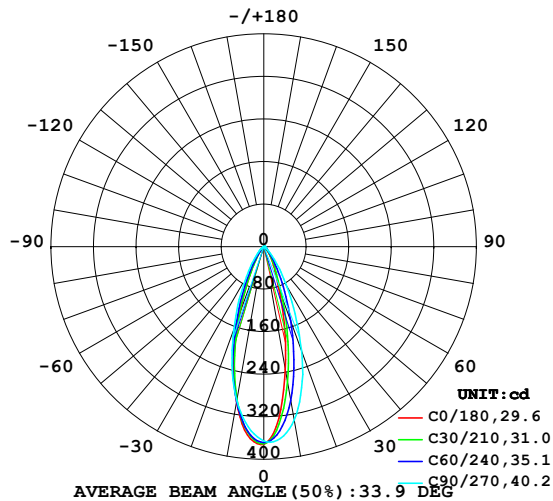


## LUMINAIRE PHOTOMETRIC TEST REPORT

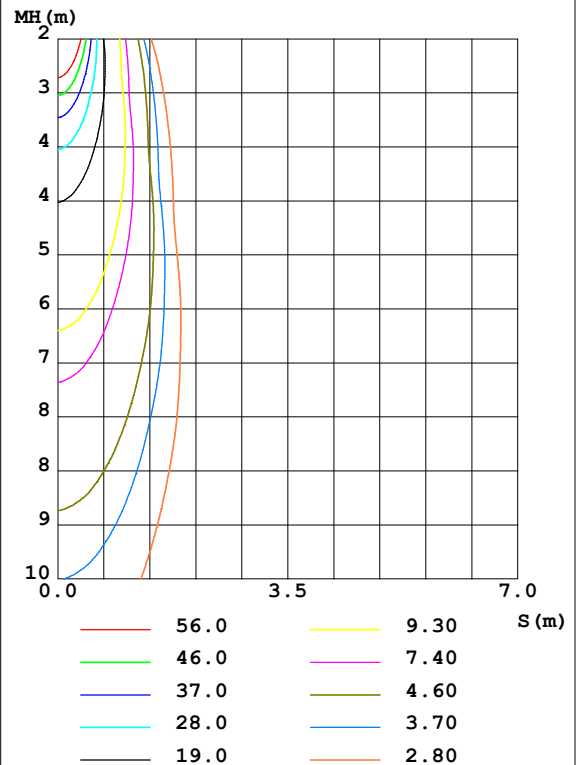
|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 23.95 lm/W |        |                   |          |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL            | 1313    | I <sub>max</sub> (cd)            | 372.5  | S/MH(C0/180)      | 0.55     |
| NOMINAL POWER(W) | 10.8    | LOR(%)                           | 100.0  | S/MH(C90/270)     | 0.60     |
| RATED VOLTAGE(V) | 24      | TOTAL FLUX(lm)                   | 158.07 | η UP,DN(C0-180)   | 0.4,53.0 |
| NOMINAL FLUX(lm) | 158.069 | CIE CLASS                        | DIRECT | η UP,DN(C180-360) | 0.3,46.3 |
| LAMPS INSIDE     | 1       | η up(%)                          | 0.7    | CIBSE SHR NOM     | 0.50     |
| TEST VOLTAGE(V)  | 24      | η down(%)                        | 99.3   | CIBSE SHR MAX     | 0.55     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [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       | 234.7                 | 275.9  | 330.8  | 329.6  | 296.3  | 293.5  | 293.9  | 235.7  | 0- 10    | 30.87       | 30.87        | 19.5,19.5 |
| 20       | 81.34                 | 124.6  | 207.7  | 177.7  | 131.5  | 142.3  | 164.8  | 103.0  | 10- 20   | 58.05       | 88.92        | 56.3,56.3 |
| 30       | 33.34                 | 46.30  | 88.30  | 56.61  | 36.11  | 41.43  | 65.91  | 39.14  | 20- 30   | 39.59       | 128.5        | 81.3,81.3 |
| 40       | 13.07                 | 17.51  | 29.62  | 13.93  | 8.623  | 10.32  | 22.03  | 14.35  | 30- 40   | 17.95       | 146.5        | 92.7,92.7 |
| 50       | 3.273                 | 6.158  | 9.659  | 3.615  | 1.234  | 2.648  | 8.279  | 5.100  | 40- 50   | 6.946       | 153.4        | 97.1,97.1 |
| 60       | 0.4774                | 1.633  | 3.794  | 0.9584 | 0.2141 | 0.7472 | 3.183  | 1.529  | 50- 60   | 2.468       | 155.9        | 98.6,98.6 |
| 70       | 0.1445                | 0.2497 | 1.258  | 0.2999 | 0.0743 | 0.1900 | 0.8105 | 0.2053 | 60- 70   | 0.8068      | 156.7        | 99.1,99.1 |
| 80       | 0.0526                | 0.0875 | 0.1661 | 0.1531 | 0.0700 | 0.0503 | 0.1402 | 0.0590 | 70- 80   | 0.1940      | 156.9        | 99.2,99.2 |
| 90       | 0.0262                | 0.0438 | 0.1006 | 0.1487 | 0.0306 | 0.0350 | 0.0613 | 0.0328 | 80- 90   | 0.0809      | 157.0        | 99.3,99.3 |
| 100      | 0.0131                | 0.0394 | 0.1006 | 0.1487 | 0.0306 | 0.0372 | 0.0612 | 0.0328 | 90-100   | 0.0651      | 157.0        | 99.3,99.3 |
| 110      | 0.0131                | 0.0372 | 0.1006 | 0.1487 | 0.0306 | 0.0372 | 0.0612 | 0.0372 | 100-110  | 0.0636      | 157.1        | 99.4,99.4 |
| 120      | 0.0131                | 0.0416 | 0.1138 | 0.1334 | 0.0437 | 0.0525 | 0.0699 | 0.0459 | 110-120  | 0.0622      | 157.2        | 99.4,99.4 |
| 130      | 0.0174                | 0.0808 | 0.1882 | 0.1378 | 0.0657 | 0.0678 | 0.1312 | 0.0766 | 120-130  | 0.0697      | 157.2        | 99.5,99.5 |
| 140      | 0.1397                | 0.1990 | 0.3020 | 0.1990 | 0.1314 | 0.1728 | 0.2273 | 0.2012 | 130-140  | 0.1027      | 157.3        | 99.5,99.5 |
| 150      | 0.4108                | 0.4528 | 0.5295 | 0.4024 | 0.3108 | 0.3718 | 0.5073 | 0.4724 | 140-150  | 0.1877      | 157.5        | 99.6,99.6 |
| 160      | 0.7478                | 0.7415 | 0.7132 | 0.6627 | 0.6258 | 0.6409 | 0.6516 | 0.7196 | 150-160  | 0.2558      | 157.8        | 99.8,99.8 |
| 170      | 0.8705                | 0.8486 | 0.8531 | 0.8485 | 0.8400 | 0.8333 | 0.8048 | 0.8399 | 160-170  | 0.2182      | 158.0        | 99.9,99.9 |
| 180      | 0.8705                | 0.8749 | 0.8836 | 0.8792 | 0.8661 | 0.8792 | 0.8792 | 0.8792 | 170-180  | 0.0822      | 158.1        | 100,100   |
| DEG      | LUMINOUS INTENSITY:cd |        |        |        |        |        |        |        |          | UNIT:lm     |              |           |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G (DEG)           | C0/180 | C90/270 |
| 85                | 1      | 2       |
| 80                | 0      | 1       |
| 75                | 0      | 2       |
| 70                | 1      | 5       |
| 65                | 1      | 7       |
| 60                | 1      | 9       |
| 55                | 2      | 13      |
| 50                | 6      | 19      |
| 45                | 13     | 29      |

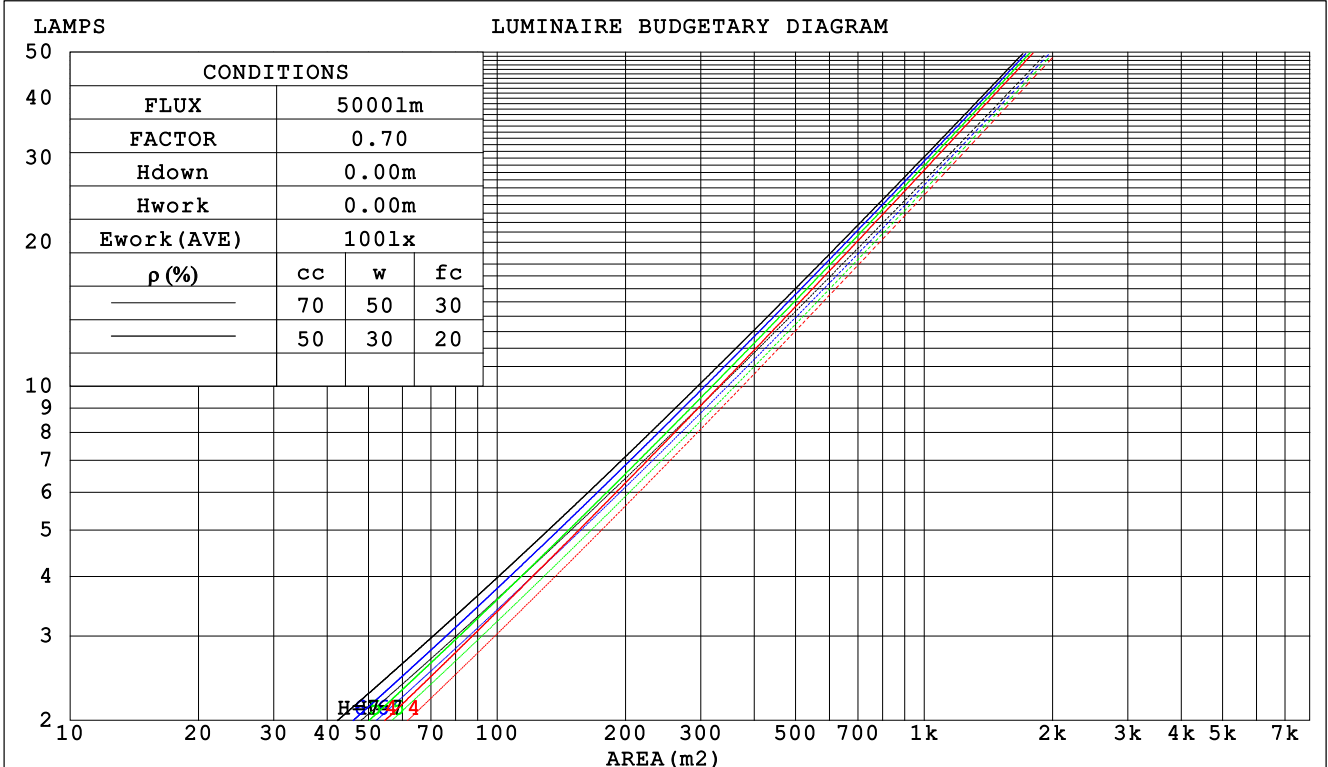
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding 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         | 1.19                  | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11                            | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0         | 1.11                  | 1.09 | 1.07 | 1.09 | 1.07 | 1.05 | 1.05                            | 1.03 | 1.02 | 1.01 | .99  | .99  | .98  | .97  | .96  | .94 |
| 2.0         | 1.05                  | 1.01 | .98  | 1.03 | .99  | .97  | .99                             | .97  | .94  | .96  | .94  | .92  | .94  | .92  | .90  | .89 |
| 3.0         | .98                   | .94  | .90  | .97  | .93  | .90  | .94                             | .91  | .88  | .92  | .89  | .87  | .90  | .87  | .85  | .84 |
| 4.0         | .93                   | .88  | .84  | .92  | .87  | .84  | .90                             | .86  | .83  | .88  | .84  | .82  | .86  | .83  | .81  | .79 |
| 5.0         | .88                   | .83  | .79  | .87  | .82  | .79  | .85                             | .81  | .78  | .84  | .80  | .77  | .82  | .79  | .77  | .75 |
| 6.0         | .84                   | .78  | .75  | .83  | .78  | .74  | .81                             | .77  | .74  | .80  | .76  | .73  | .79  | .75  | .73  | .71 |
| 7.0         | .80                   | .74  | .71  | .79  | .74  | .71  | .78                             | .73  | .70  | .77  | .73  | .70  | .76  | .72  | .69  | .68 |
| 8.0         | .76                   | .71  | .67  | .76  | .71  | .67  | .74                             | .70  | .67  | .73  | .69  | .66  | .72  | .69  | .66  | .65 |
| 9.0         | .73                   | .68  | .64  | .72  | .67  | .64  | .71                             | .67  | .64  | .70  | .66  | .64  | .70  | .66  | .63  | .62 |
| 10.0        | .70                   | .65  | .61  | .69  | .64  | .61  | .69                             | .64  | .61  | .68  | .64  | .61  | .67  | .63  | .61  | .59 |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## WEC AND CCEC

|                                                                                  |  |  |                 |  |                  |
|----------------------------------------------------------------------------------|--|--|-----------------|--|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |  |  |                 |  |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              |  |  | TYPE:RGBW-3000K |  | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  |  |  | DIM.:500mm      |  | SERIAL No.:01    |
| MFR.: 001                                                                        |  |  | SUR.:0.8        |  | Shielding Angle: |

| 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  | .164                  | .093 | .029 | .157 | .089 | .028 | .144                            | .083 | .026 | .132 | .076 | .024 | .121 | .070 | .023 |   |  |
| 2.0  | .155                  | .085 | .026 | .149 | .082 | .025 | .138                            | .077 | .024 | .128 | .072 | .023 | .119 | .067 | .021 |   |  |
| 3.0  | .147                  | .078 | .023 | .142 | .076 | .023 | .132                            | .072 | .022 | .124 | .068 | .021 | .116 | .064 | .020 |   |  |
| 4.0  | .139                  | .072 | .021 | .135 | .070 | .021 | .127                            | .067 | .020 | .119 | .064 | .019 | .113 | .061 | .019 |   |  |
| 5.0  | .132                  | .067 | .019 | .128 | .066 | .019 | .121                            | .063 | .019 | .115 | .061 | .018 | .109 | .058 | .017 |   |  |
| 6.0  | .125                  | .063 | .018 | .122 | .062 | .018 | .116                            | .059 | .017 | .110 | .057 | .017 | .105 | .055 | .016 |   |  |
| 7.0  | .119                  | .059 | .017 | .117 | .058 | .017 | .111                            | .056 | .016 | .106 | .055 | .016 | .102 | .053 | .016 |   |  |
| 8.0  | .114                  | .056 | .016 | .112 | .055 | .016 | .107                            | .053 | .015 | .102 | .052 | .015 | .098 | .050 | .015 |   |  |
| 9.0  | .109                  | .053 | .015 | .107 | .052 | .015 | .103                            | .051 | .014 | .099 | .049 | .014 | .095 | .048 | .014 |   |  |
| 10.0 | .105                  | .050 | .014 | .103 | .050 | .014 | .099                            | .048 | .014 | .095 | .047 | .013 | .092 | .046 | .013 |   |  |

| 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  | .196                  | .196 | .196 | .167 | .167 | .167 | .114                                       | .114 | .114 | .066 | .066 | .066 | .021 | .021 | .021 |   |
| 1.0  | .176                  | .163 | .151 | .150 | .140 | .130 | .103                                       | .096 | .090 | .059 | .056 | .052 | .019 | .018 | .017 |   |
| 2.0  | .159                  | .138 | .120 | .137 | .119 | .104 | .094                                       | .082 | .072 | .054 | .048 | .042 | .017 | .015 | .014 |   |
| 3.0  | .146                  | .119 | .097 | .125 | .103 | .084 | .086                                       | .071 | .059 | .050 | .042 | .035 | .016 | .014 | .011 |   |
| 4.0  | .135                  | .104 | .080 | .116 | .090 | .070 | .080                                       | .063 | .049 | .046 | .037 | .029 | .015 | .012 | .010 |   |
| 5.0  | .126                  | .092 | .067 | .108 | .080 | .059 | .074                                       | .056 | .041 | .043 | .033 | .025 | .014 | .011 | .008 |   |
| 6.0  | .118                  | .083 | .057 | .101 | .072 | .050 | .070                                       | .050 | .035 | .041 | .029 | .021 | .013 | .010 | .007 |   |
| 7.0  | .111                  | .075 | .050 | .095 | .065 | .043 | .066                                       | .045 | .031 | .038 | .027 | .018 | .012 | .009 | .006 |   |
| 8.0  | .105                  | .068 | .043 | .090 | .059 | .038 | .062                                       | .042 | .027 | .036 | .025 | .016 | .012 | .008 | .005 |   |
| 9.0  | .100                  | .063 | .038 | .086 | .055 | .033 | .059                                       | .038 | .024 | .035 | .023 | .014 | .011 | .007 | .005 |   |
| 10.0 | .095                  | .059 | .034 | .082 | .051 | .030 | .057                                       | .036 | .021 | .033 | .021 | .013 | .011 | .007 | .004 |   |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:20DEG  
 Operators:01  
 Test Date:2025-08-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.700m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|                                                                                  |                  |      |      |      |                 |                |     |                  |     |     |
|----------------------------------------------------------------------------------|------------------|------|------|------|-----------------|----------------|-----|------------------|-----|-----|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                  |      |      |      |                 |                |     |                  |     |     |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              |                  |      |      |      | TYPE:RGBW-3000K |                |     | WEIGHT:00        |     |     |
| SPEC.:30x40 DEG                                                                  |                  |      |      |      | DIM.:500mm      |                |     | SERIAL No.:01    |     |     |
| MFR.: 001                                                                        |                  |      |      |      | SUR.:0.8        |                |     | 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                                                                    | -2.9             | -2.1 | -2.7 | -1.9 | -1.7            | 1.3            | 2.1 | 1.5              | 2.3 | 2.4 |
| 3H                                                                               | -3.1             | -2.3 | -2.8 | -2.1 | -1.9            | 1.2            | 2.0 | 1.5              | 2.2 | 2.4 |
| 4H                                                                               | -3.2             | -2.4 | -2.9 | -2.2 | -2.0            | 1.2            | 1.9 | 1.5              | 2.1 | 2.4 |
| 6H                                                                               | -3.2             | -2.6 | -2.9 | -2.3 | -2.0            | 1.1            | 1.8 | 1.4              | 2.0 | 2.3 |
| 8H                                                                               | -3.3             | -2.6 | -3.0 | -2.4 | -2.1            | 1.1            | 1.7 | 1.4              | 2.0 | 2.3 |
| 12H                                                                              | -3.3             | -2.7 | -3.0 | -2.4 | -2.1            | 1.0            | 1.7 | 1.4              | 1.9 | 2.2 |
| 4H 2H                                                                            | -3.0             | -2.2 | -2.7 | -2.0 | -1.8            | 1.0            | 1.8 | 1.3              | 2.0 | 2.2 |
| 3H                                                                               | -3.1             | -2.5 | -2.8 | -2.2 | -2.0            | 1.0            | 1.7 | 1.3              | 1.9 | 2.2 |
| 4H                                                                               | -3.2             | -2.7 | -2.9 | -2.4 | -2.0            | 1.0            | 1.5 | 1.3              | 1.8 | 2.2 |
| 6H                                                                               | -3.3             | -2.8 | -3.0 | -2.5 | -2.1            | 0.9            | 1.4 | 1.3              | 1.7 | 2.1 |
| 8H                                                                               | -3.4             | -2.9 | -3.0 | -2.6 | -2.2            | 0.8            | 1.3 | 1.2              | 1.7 | 2.0 |
| 12H                                                                              | -3.4             | -3.0 | -3.0 | -2.6 | -2.2            | 0.8            | 1.2 | 1.2              | 1.6 | 2.0 |
| 8H 4H                                                                            | -3.4             | -2.9 | -3.0 | -2.5 | -2.2            | 0.8            | 1.3 | 1.2              | 1.6 | 2.0 |
| 6H                                                                               | -3.5             | -3.1 | -3.0 | -2.7 | -2.3            | 0.7            | 1.1 | 1.2              | 1.5 | 1.9 |
| 8H                                                                               | -3.5             | -3.2 | -3.1 | -2.8 | -2.3            | 0.7            | 1.0 | 1.1              | 1.4 | 1.9 |
| 12H                                                                              | -3.6             | -3.3 | -3.1 | -2.8 | -2.4            | 0.6            | 0.9 | 1.1              | 1.4 | 1.9 |
| 12H 4H                                                                           | -3.4             | -3.0 | -3.0 | -2.6 | -2.2            | 0.8            | 1.2 | 1.2              | 1.6 | 2.0 |
| 6H                                                                               | -3.5             | -3.2 | -3.1 | -2.8 | -2.3            | 0.7            | 1.0 | 1.1              | 1.4 | 1.9 |
| 8H                                                                               | -3.6             | -3.3 | -3.1 | -2.8 | -2.4            | 0.6            | 0.9 | 1.1              | 1.4 | 1.9 |
| Variations with the observer position at spacings:                               |                  |      |      |      |                 |                |     |                  |     |     |
| S = 1.0H                                                                         | + 2.5 / -10.7    |      |      |      |                 | + 3.4 / - 3.9  |     |                  |     |     |
| 1.5H                                                                             | + 3.3 / - 6.1    |      |      |      |                 | + 4.9 / - 3.6  |     |                  |     |     |
| 2.0H                                                                             | + 5.1 / -10.2    |      |      |      |                 | + 4.9 / - 4.9  |     |                  |     |     |

CIE Pub.117, 158.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.4)  
Area: 0.8 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |

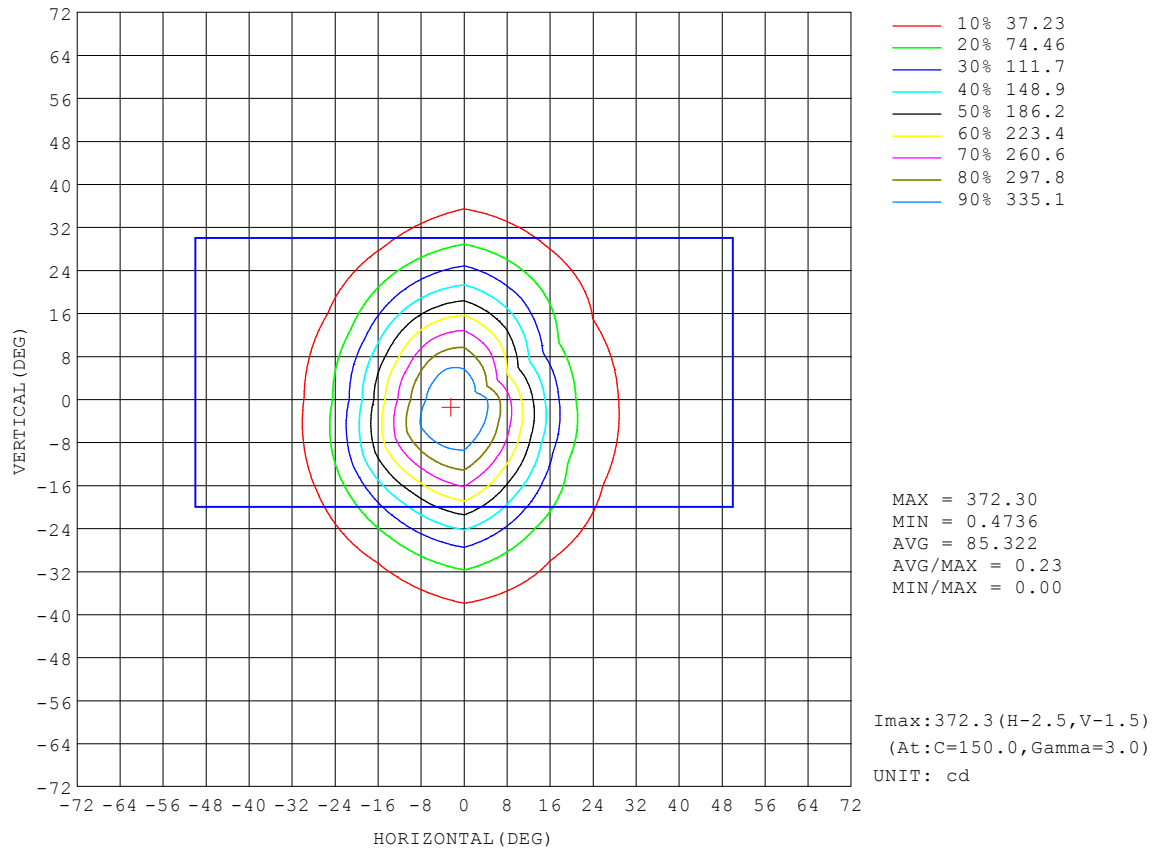
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 87                                                   | 81  | 77        | 86  | 80  | 77  | 86  | 80            | 76  | 73     |
| 0.80                             | 94                                                   | 89  | 85        | 94  | 88  | 85  | 92  | 88            | 84  | 80     |
| 1.00                             | 99                                                   | 93  | 90        | 98  | 93  | 89  | 96  | 93            | 89  | 85     |
| 1.25                             | 103                                                  | 98  | 94        | 102 | 97  | 94  | 100 | 96            | 93  | 89     |
| 1.50                             | 106                                                  | 101 | 98        | 104 | 100 | 97  | 102 | 99            | 96  | 91     |
| 2.00                             | 108                                                  | 104 | 101       | 107 | 103 | 100 | 104 | 101           | 99  | 93     |
| 2.50                             | 110                                                  | 106 | 103       | 108 | 105 | 102 | 105 | 102           | 100 | 94     |
| 3.00                             | 112                                                  | 108 | 105       | 110 | 107 | 104 | 106 | 104           | 102 | 95     |
| 4.00                             | 114                                                  | 111 | 109       | 111 | 109 | 107 | 108 | 106           | 104 | 97     |
| 5.00                             | 115                                                  | 113 | 111       | 113 | 111 | 109 | 109 | 107           | 106 | 98     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |

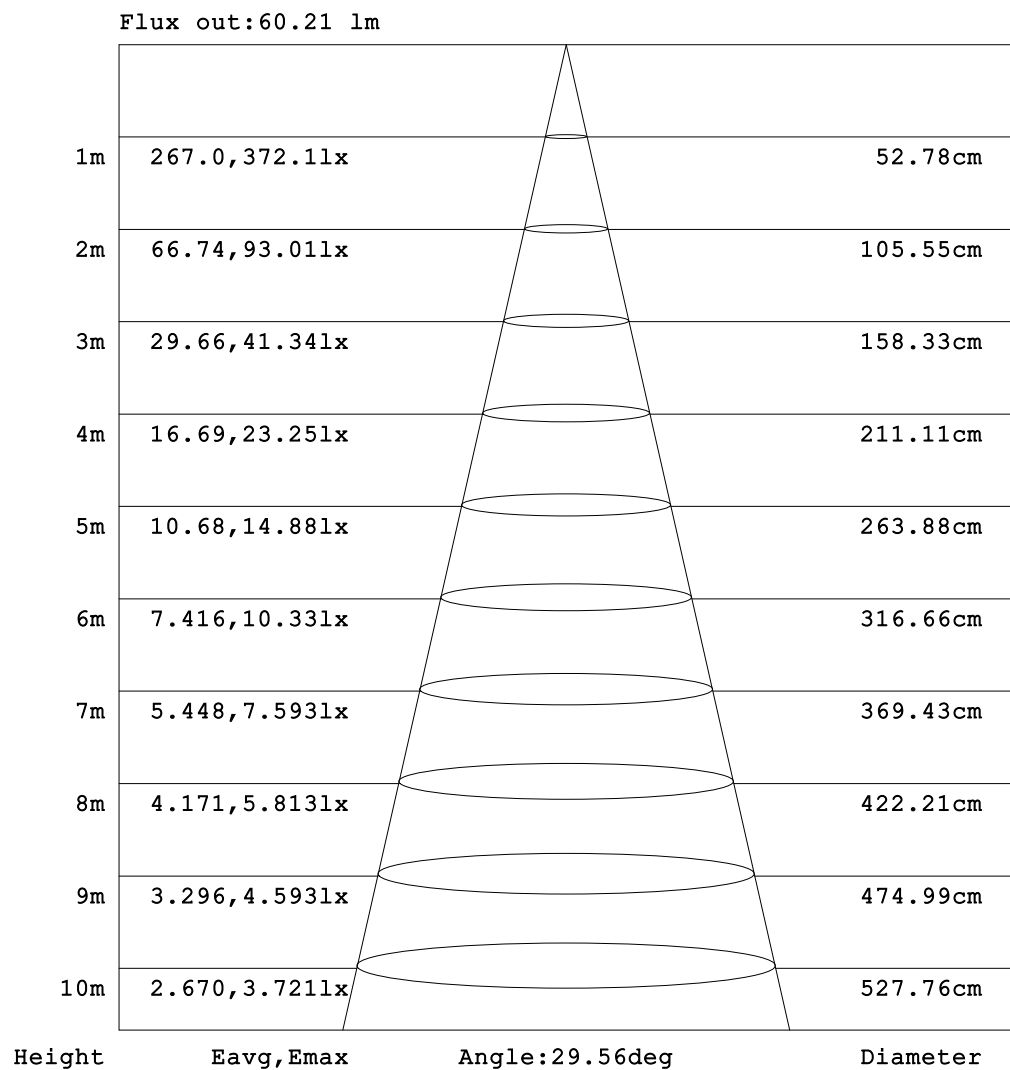


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |



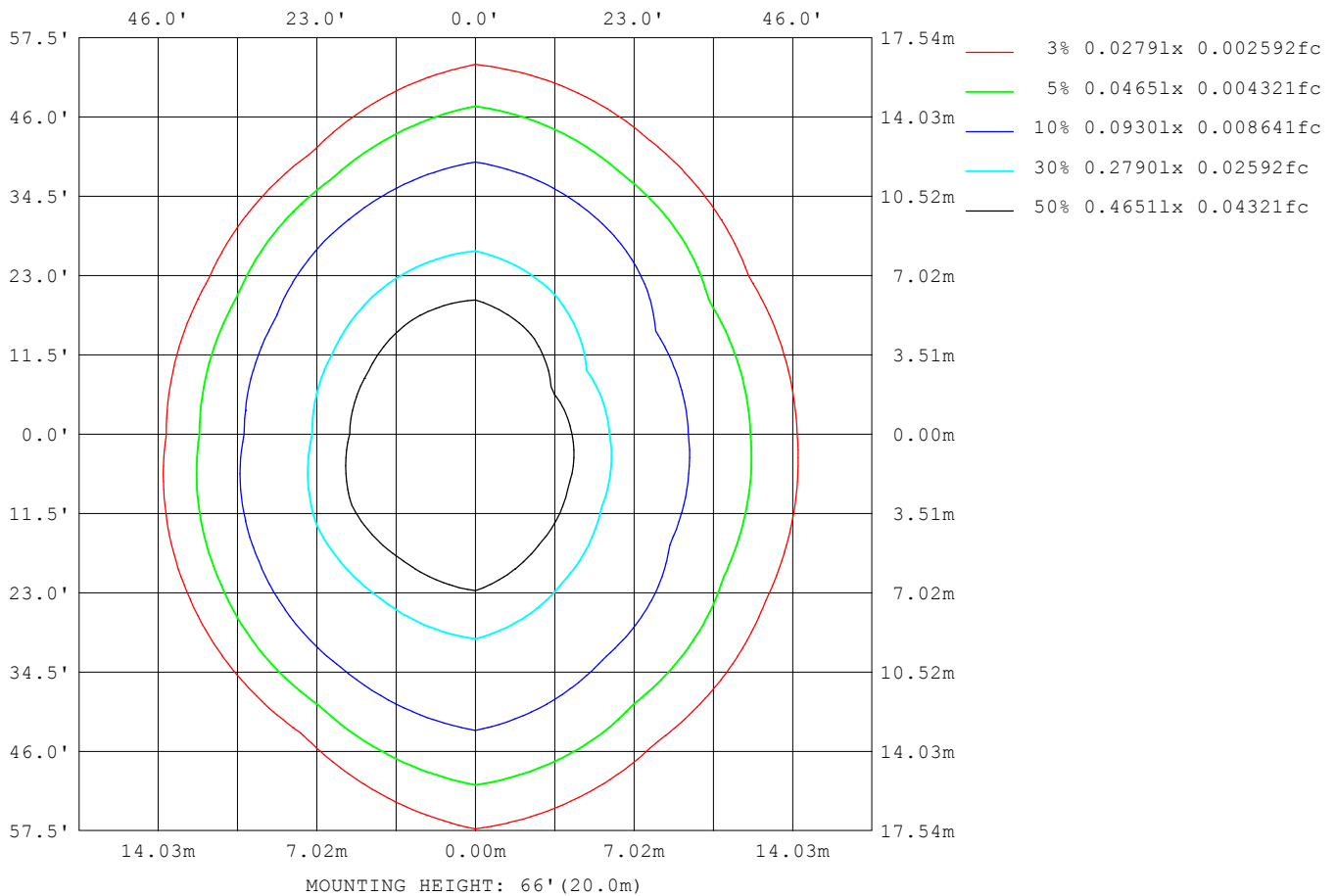
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:20DEG  
 Operators:01  
 Test Date:2025-08-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:7.700m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |

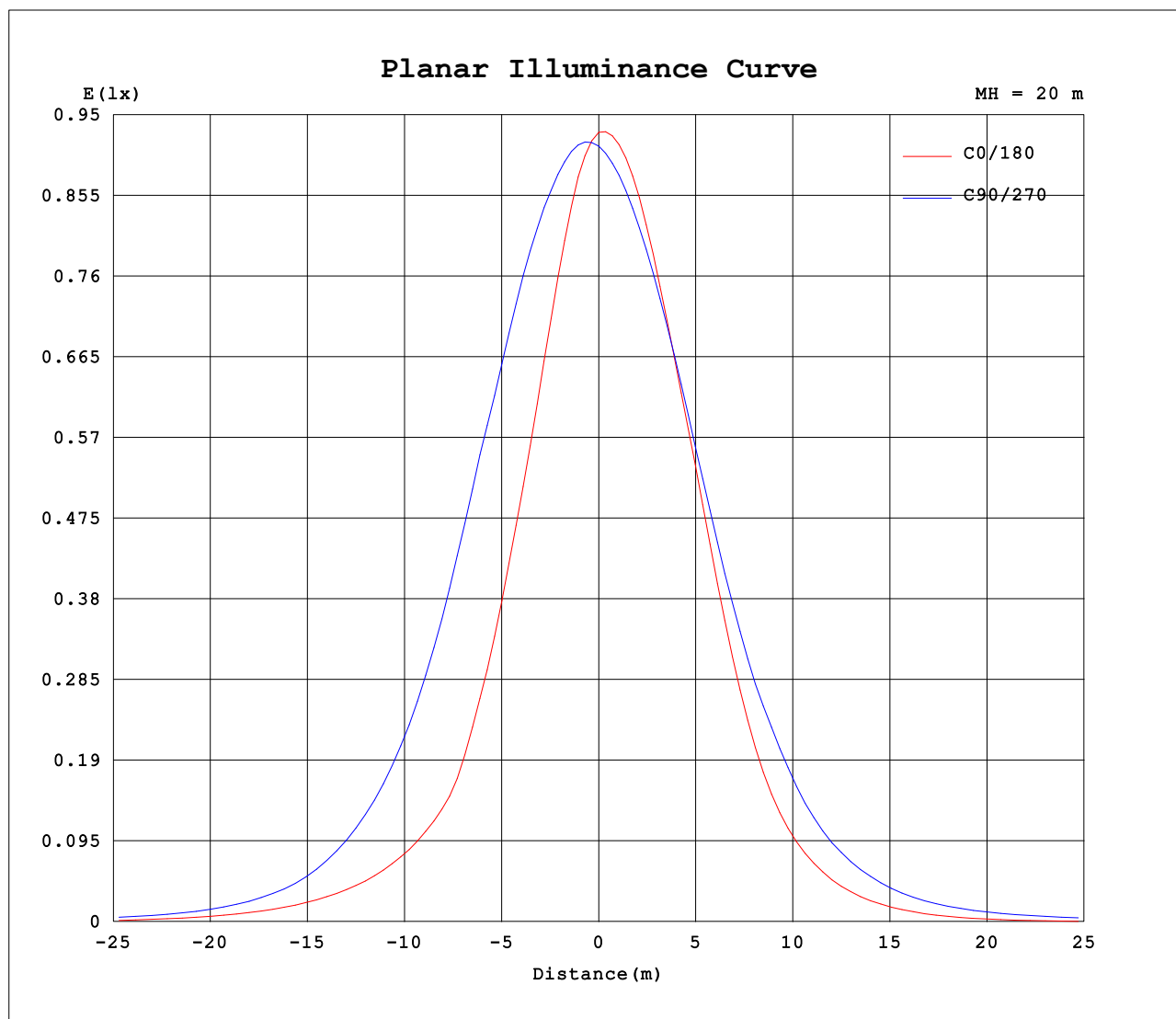
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 1     |
| L_0~180 (75) av  | 0     |
| L_0~180 (85) av  | 1     |
| L_90~270 (65) av | 6     |
| L_90~270 (75) av | 2     |
| L_90~270 (85) av | 2     |
| L_45 (65) av     | 2     |
| L_45 (75) av     | 1     |
| L_45 (85) av     | 1     |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 20DEG  
Operators: 01  
Test Date: 2025-08-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.700m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                  |                 |                  |
|----------------------------------------------------------------------------------|-----------------|------------------|
| Test:U:220.01V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:158.069x1 lm |                 |                  |
| NAME:LuminoFlex Ground-500mm-RGBW 3000K-30x40D-REV2                              | TYPE:RGBW-3000K | WEIGHT:00        |
| SPEC.:30x40 DEG                                                                  | DIM.:500mm      | SERIAL No.:01    |
| MFR.: 001                                                                        | SUR.:0.8        | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0                  | 372  | 371  | 369  | 365  | 363  | 360  | 372  | 371  | 369  | 365  | 363  | 360  |  |  |  |  |  |  |  |
| 5                  | 324  | 334  | 348  | 362  | 368  | 369  | 355  | 350  | 349  | 340  | 321  | 296  |  |  |  |  |  |  |  |
| 10                 | 235  | 258  | 294  | 331  | 330  | 329  | 296  | 292  | 295  | 294  | 260  | 211  |  |  |  |  |  |  |  |
| 15                 | 149  | 174  | 220  | 275  | 262  | 256  | 218  | 213  | 227  | 232  | 191  | 135  |  |  |  |  |  |  |  |
| 20                 | 81.3 | 101  | 148  | 208  | 182  | 173  | 132  | 134  | 151  | 165  | 127  | 78.5 |  |  |  |  |  |  |  |
| 25                 | 51.2 | 58.0 | 93.1 | 140  | 116  | 97.4 | 69.0 | 70.0 | 90.6 | 110  | 79.4 | 48.0 |  |  |  |  |  |  |  |
| 30                 | 33.3 | 37.6 | 55.0 | 88.3 | 64.8 | 48.4 | 36.1 | 35.6 | 47.2 | 65.9 | 47.0 | 31.2 |  |  |  |  |  |  |  |
| 35                 | 21.4 | 24.6 | 32.5 | 52.7 | 32.0 | 24.6 | 18.1 | 17.9 | 23.1 | 38.8 | 26.9 | 20.1 |  |  |  |  |  |  |  |
| 40                 | 13.1 | 15.3 | 19.7 | 29.6 | 15.6 | 12.3 | 8.62 | 8.77 | 11.9 | 22.0 | 16.7 | 12.0 |  |  |  |  |  |  |  |
| 45                 | 7.20 | 8.97 | 12.0 | 16.7 | 8.09 | 6.03 | 3.68 | 4.12 | 6.24 | 13.1 | 10.3 | 6.71 |  |  |  |  |  |  |  |
| 50                 | 3.27 | 4.78 | 7.54 | 9.66 | 4.40 | 2.83 | 1.23 | 1.73 | 3.57 | 8.28 | 6.74 | 3.46 |  |  |  |  |  |  |  |
| 55                 | 0.86 | 1.89 | 4.75 | 6.01 | 2.47 | 1.16 | 0.39 | 0.65 | 2.13 | 5.31 | 4.45 | 1.23 |  |  |  |  |  |  |  |
| 60                 | 0.48 | 0.51 | 2.76 | 3.79 | 1.54 | 0.38 | 0.21 | 0.28 | 1.21 | 3.18 | 2.62 | 0.44 |  |  |  |  |  |  |  |
| 65                 | 0.26 | 0.26 | 1.32 | 2.30 | 0.92 | 0.19 | 0.13 | 0.18 | 0.60 | 1.78 | 1.26 | 0.24 |  |  |  |  |  |  |  |
| 70                 | 0.14 | 0.12 | 0.38 | 1.26 | 0.48 | 0.12 | 0.07 | 0.13 | 0.25 | 0.81 | 0.27 | 0.14 |  |  |  |  |  |  |  |
| 75                 | 0.08 | 0.05 | 0.22 | 0.48 | 0.25 | 0.09 | 0.07 | 0.08 | 0.10 | 0.33 | 0.11 | 0.08 |  |  |  |  |  |  |  |
| 80                 | 0.05 | 0.02 | 0.15 | 0.17 | 0.22 | 0.09 | 0.07 | 0.05 | 0.05 | 0.14 | 0.07 | 0.05 |  |  |  |  |  |  |  |
| 85                 | 0.04 | 0.01 | 0.11 | 0.11 | 0.21 | 0.09 | 0.03 | 0.04 | 0.04 | 0.11 | 0.04 | 0.04 |  |  |  |  |  |  |  |
| 90                 | 0.03 | 0.01 | 0.07 | 0.10 | 0.21 | 0.09 | 0.03 | 0.03 | 0.04 | 0.06 | 0.04 | 0.02 |  |  |  |  |  |  |  |
| 95                 | 0.01 | 0.01 | 0.06 | 0.10 | 0.21 | 0.09 | 0.03 | 0.02 | 0.05 | 0.06 | 0.04 | 0.02 |  |  |  |  |  |  |  |
| 100                | 0.01 | 0.02 | 0.06 | 0.10 | 0.21 | 0.09 | 0.03 | 0.02 | 0.06 | 0.06 | 0.05 | 0.02 |  |  |  |  |  |  |  |
| 105                | 0.01 | 0.02 | 0.05 | 0.10 | 0.21 | 0.09 | 0.03 | 0.02 | 0.06 | 0.06 | 0.05 | 0.02 |  |  |  |  |  |  |  |
| 110                | 0.01 | 0.02 | 0.05 | 0.10 | 0.21 | 0.09 | 0.03 | 0.02 | 0.06 | 0.06 | 0.06 | 0.02 |  |  |  |  |  |  |  |
| 115                | 0.01 | 0.02 | 0.05 | 0.10 | 0.21 | 0.09 | 0.03 | 0.02 | 0.07 | 0.07 | 0.06 | 0.02 |  |  |  |  |  |  |  |
| 120                | 0.01 | 0.03 | 0.05 | 0.11 | 0.18 | 0.09 | 0.04 | 0.02 | 0.09 | 0.07 | 0.07 | 0.02 |  |  |  |  |  |  |  |
| 125                | 0.01 | 0.04 | 0.05 | 0.16 | 0.17 | 0.09 | 0.05 | 0.02 | 0.10 | 0.10 | 0.11 | 0.02 |  |  |  |  |  |  |  |
| 130                | 0.02 | 0.07 | 0.09 | 0.19 | 0.17 | 0.10 | 0.07 | 0.03 | 0.11 | 0.13 | 0.14 | 0.02 |  |  |  |  |  |  |  |
| 135                | 0.06 | 0.11 | 0.12 | 0.25 | 0.17 | 0.12 | 0.09 | 0.05 | 0.15 | 0.18 | 0.16 | 0.07 |  |  |  |  |  |  |  |
| 140                | 0.14 | 0.19 | 0.21 | 0.30 | 0.22 | 0.18 | 0.13 | 0.10 | 0.24 | 0.23 | 0.25 | 0.15 |  |  |  |  |  |  |  |
| 145                | 0.25 | 0.31 | 0.33 | 0.41 | 0.31 | 0.26 | 0.20 | 0.17 | 0.33 | 0.37 | 0.38 | 0.27 |  |  |  |  |  |  |  |
| 150                | 0.41 | 0.46 | 0.45 | 0.53 | 0.42 | 0.38 | 0.31 | 0.30 | 0.44 | 0.51 | 0.53 | 0.42 |  |  |  |  |  |  |  |
| 155                | 0.59 | 0.63 | 0.59 | 0.62 | 0.54 | 0.53 | 0.46 | 0.45 | 0.56 | 0.57 | 0.63 | 0.59 |  |  |  |  |  |  |  |
| 160                | 0.75 | 0.78 | 0.70 | 0.71 | 0.66 | 0.67 | 0.63 | 0.61 | 0.67 | 0.65 | 0.73 | 0.71 |  |  |  |  |  |  |  |
| 165                | 0.85 | 0.86 | 0.78 | 0.79 | 0.75 | 0.79 | 0.76 | 0.74 | 0.77 | 0.73 | 0.80 | 0.79 |  |  |  |  |  |  |  |
| 170                | 0.87 | 0.87 | 0.83 | 0.85 | 0.82 | 0.88 | 0.84 | 0.81 | 0.85 | 0.80 | 0.87 | 0.81 |  |  |  |  |  |  |  |
| 175                | 0.87 | 0.87 | 0.87 | 0.88 | 0.86 | 0.88 | 0.87 | 0.86 | 0.89 | 0.86 | 0.88 | 0.85 |  |  |  |  |  |  |  |
| 180                | 0.87 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 | 0.87 | 0.87 | 0.89 | 0.88 | 0.88 | 0.87 |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:20DEG  
Operators:01  
Test Date:2025-08-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.700m [K=1.0000]  
Remarks: