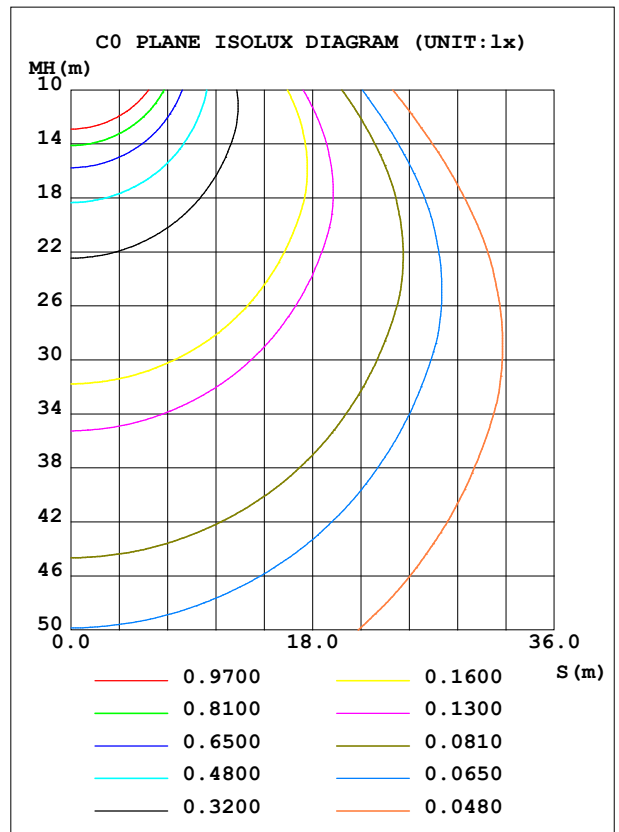
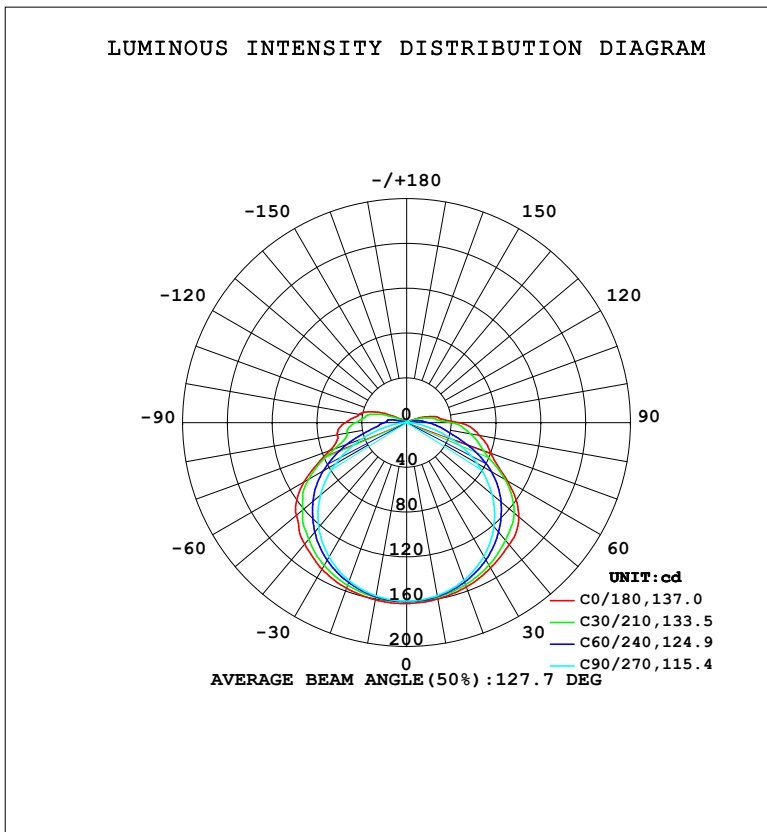


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*10*4MM | SERIAL No.: 20230312009 |
| MFR.: EVERFINE | SUR.: 500*10*4MM | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|------------------|---------|-----------------------------------|--------|--|-----------|
| 6000K | | Eff: 108.97 lm/W | | | |
| NOMINAL POWER(W) | 5.69094 | Imax (cd) | 162.0 | S/MH(C0/180) | 1.40 |
| RATED VOLTAGE(V) | DC 24V | LOR(%) | 100.0 | S/MH(C90/270) | 1.29 |
| NOMINAL FLUX(lm) | 629.43 | TOTAL FLUX(lm) | 629.43 | <input type="checkbox"/> UP, DN (C0-180) | 4.0, 45.8 |
| LAMPS INSIDE | 1 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 4.2, 46.0 |
| TEST VOLTAGE(V) | DC 24V | <input type="checkbox"/> up (%) | 8.2 | CIBSE SHR NOM | 1.50 |
| | | <input type="checkbox"/> down (%) | 91.8 | CIBSE SHR MAX | 1.55 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

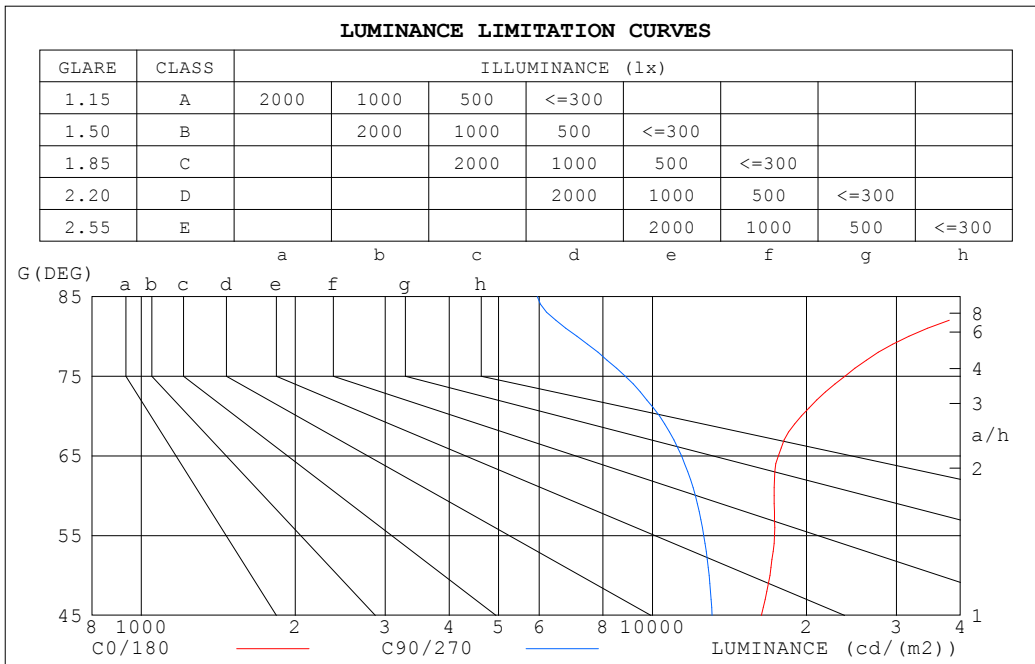
ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum,lamp |
|-----|-----------------------|-------|--------|-------|-------|-------|--------|-------|---------|---------|---------|-----------|
| 10 | 160.0 | 157.9 | 157.0 | 158.4 | 160.7 | 158.0 | 157.2 | 158.5 | 0- 10 | 15.22 | 15.22 | 2.42,2.42 |
| 20 | 156.1 | 152.7 | 149.8 | 153.4 | 157.5 | 152.9 | 150.3 | 153.5 | 10- 20 | 44.21 | 59.42 | 9.44,9.44 |
| 30 | 149.9 | 144.4 | 137.9 | 144.9 | 151.4 | 144.5 | 138.6 | 145.5 | 20- 30 | 69.01 | 128.4 | 20.4,20.4 |
| 40 | 142.4 | 132.5 | 121.3 | 132.2 | 141.7 | 132.0 | 122.2 | 133.9 | 30- 40 | 87.07 | 215.5 | 34.2,34.2 |
| 50 | 130.8 | 118.0 | 99.48 | 116.2 | 128.6 | 116.1 | 100.4 | 119.7 | 40- 50 | 96.49 | 312.0 | 49.6,49.6 |
| 60 | 103.7 | 95.73 | 72.75 | 94.57 | 105.6 | 93.96 | 73.23 | 97.09 | 50- 60 | 94.27 | 406.3 | 64.5,64.5 |
| 70 | 80.26 | 65.59 | 42.34 | 63.52 | 73.31 | 63.79 | 42.20 | 67.25 | 60- 70 | 76.72 | 483.0 | 76.7,76.7 |
| 80 | 66.12 | 47.80 | 14.83 | 43.13 | 62.84 | 42.65 | 14.28 | 50.23 | 70- 80 | 54.81 | 537.8 | 85.4,85.4 |
| 90 | 46.65 | 31.18 | 1.876 | 34.73 | 54.64 | 33.96 | 0.8107 | 29.18 | 80- 90 | 40.00 | 577.8 | 91.8,91.8 |
| 100 | 28.41 | 18.83 | 0.6799 | 28.50 | 42.99 | 27.86 | 0.6803 | 19.30 | 90-100 | 25.76 | 603.6 | 95.9,95.9 |
| 110 | 13.67 | 4.093 | 0.8514 | 10.98 | 27.87 | 10.28 | 0.8801 | 4.715 | 100-110 | 15.67 | 619.2 | 98.4,98.4 |
| 120 | 2.527 | 1.214 | 1.050 | 1.865 | 7.970 | 1.622 | 1.093 | 1.269 | 110-120 | 5.029 | 624.3 | 99.2,99.2 |
| 130 | 1.403 | 1.342 | 1.247 | 1.412 | 1.925 | 1.386 | 1.289 | 1.364 | 120-130 | 1.538 | 625.8 | 99.4,99.4 |
| 140 | 1.508 | 1.499 | 1.437 | 1.538 | 1.597 | 1.528 | 1.473 | 1.514 | 130-140 | 1.122 | 626.9 | 99.6,99.6 |
| 150 | 1.655 | 1.665 | 1.620 | 1.696 | 1.723 | 1.682 | 1.646 | 1.675 | 140-150 | 0.9993 | 627.9 | 99.8,99.8 |
| 160 | 1.810 | 1.806 | 1.780 | 1.841 | 1.854 | 1.815 | 1.798 | 1.810 | 150-160 | 0.8063 | 628.7 | 99.9,99.9 |
| 170 | 1.930 | 1.924 | 1.913 | 1.958 | 1.953 | 1.929 | 1.925 | 1.924 | 160-170 | 0.5299 | 629.2 | 100,100 |
| 180 | 2.000 | 1.991 | 1.994 | 2.004 | 2.005 | 1.993 | 1.993 | 2.000 | 170-180 | 0.1870 | 629.4 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

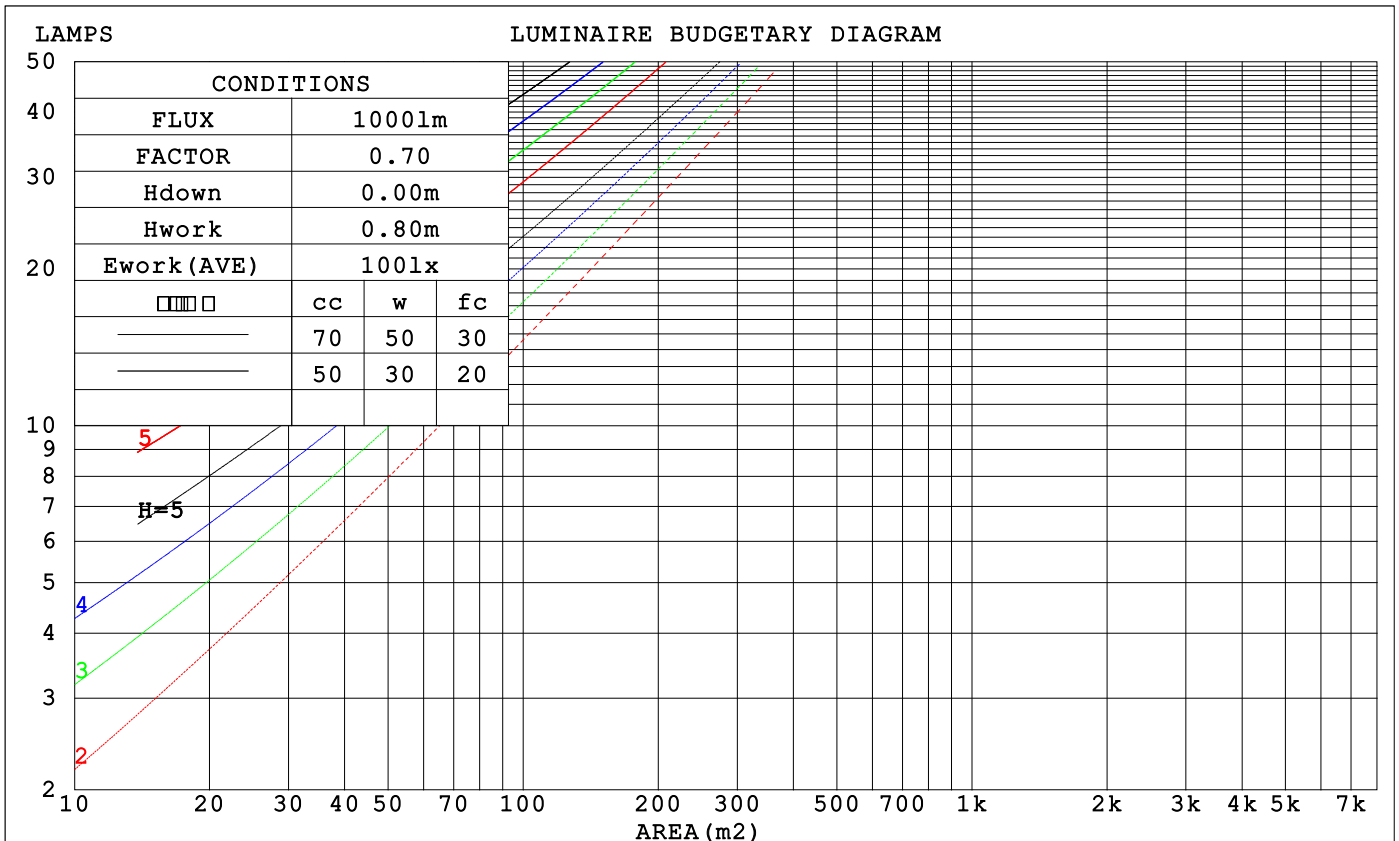


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| □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 | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.17 | 1.17 | 1.17 | 1.13 | 1.13 | 1.13 | 1.07 | 1.07 | 1.07 | 1.00 | 1.00 | 1.00 | .95 | .95 | .95 | .92 |
| 1.0 | .99 | .94 | .89 | .96 | .91 | .87 | .90 | .86 | .82 | .84 | .81 | .78 | .79 | .77 | .75 | .72 |
| 2.0 | .85 | .77 | .71 | .82 | .75 | .69 | .77 | .71 | .66 | .73 | .68 | .64 | .68 | .64 | .61 | .58 |
| 3.0 | .74 | .65 | .58 | .72 | .63 | .57 | .67 | .60 | .55 | .63 | .58 | .53 | .60 | .55 | .51 | .48 |
| 4.0 | .65 | .55 | .48 | .63 | .54 | .47 | .59 | .52 | .46 | .56 | .50 | .44 | .53 | .47 | .43 | .40 |
| 5.0 | .58 | .48 | .41 | .56 | .47 | .40 | .53 | .45 | .39 | .50 | .43 | .38 | .47 | .42 | .37 | .34 |
| 6.0 | .52 | .42 | .35 | .50 | .41 | .35 | .48 | .40 | .34 | .45 | .38 | .33 | .43 | .37 | .32 | .30 |
| 7.0 | .47 | .37 | .31 | .45 | .37 | .31 | .43 | .35 | .30 | .41 | .34 | .29 | .39 | .33 | .28 | .26 |
| 8.0 | .42 | .34 | .27 | .41 | .33 | .27 | .39 | .32 | .26 | .37 | .31 | .26 | .36 | .30 | .25 | .23 |
| 9.0 | .39 | .30 | .25 | .38 | .30 | .24 | .36 | .29 | .24 | .34 | .28 | .23 | .33 | .27 | .23 | .21 |
| 10.0 | .36 | .28 | .22 | .35 | .27 | .22 | .33 | .26 | .21 | .32 | .25 | .21 | .30 | .25 | .20 | .19 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| □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 | .370 | .210 | .067 | .360 | .205 | .065 | .342 | .196 | .063 | .325 | .187 | .060 | .310 | .179 | .058 | |
| 2.0 | .326 | .179 | .055 | .317 | .175 | .054 | .301 | .167 | .052 | .286 | .161 | .050 | .272 | .154 | .049 | |
| 3.0 | .293 | .156 | .047 | .285 | .153 | .046 | .270 | .147 | .045 | .257 | .141 | .043 | .244 | .135 | .042 | |
| 4.0 | .265 | .138 | .041 | .258 | .135 | .040 | .245 | .130 | .039 | .233 | .125 | .038 | .222 | .120 | .037 | |
| 5.0 | .242 | .123 | .036 | .236 | .121 | .035 | .224 | .117 | .034 | .213 | .112 | .033 | .203 | .108 | .033 | |
| 6.0 | .223 | .112 | .032 | .217 | .110 | .032 | .206 | .106 | .031 | .196 | .102 | .030 | .187 | .098 | .029 | |
| 7.0 | .206 | .102 | .029 | .201 | .100 | .029 | .191 | .097 | .028 | .182 | .093 | .027 | .174 | .090 | .026 | |
| 8.0 | .191 | .093 | .026 | .187 | .092 | .026 | .178 | .089 | .025 | .170 | .086 | .025 | .162 | .083 | .024 | |
| 9.0 | .179 | .086 | .024 | .174 | .085 | .024 | .166 | .082 | .023 | .159 | .080 | .023 | .152 | .077 | .022 | |
| 10.0 | .167 | .080 | .022 | .163 | .079 | .022 | .156 | .076 | .022 | .149 | .074 | .021 | .143 | .072 | .021 | |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| □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 | .253 | .253 | .253 | .216 | .216 | .216 | .148 | .148 | .148 | .085 | .085 | .085 | .027 | .027 | .027 | |
| 1.0 | .247 | .219 | .193 | .212 | .188 | .166 | .145 | .129 | .115 | .083 | .075 | .067 | .027 | .024 | .022 | |
| 2.0 | .240 | .195 | .157 | .206 | .168 | .136 | .141 | .116 | .095 | .081 | .068 | .056 | .026 | .022 | .018 | |
| 3.0 | .233 | .178 | .135 | .199 | .154 | .117 | .137 | .107 | .082 | .079 | .062 | .048 | .025 | .020 | .016 | |
| 4.0 | .225 | .165 | .120 | .193 | .143 | .104 | .133 | .100 | .073 | .077 | .058 | .043 | .025 | .019 | .014 | |
| 5.0 | .217 | .155 | .110 | .187 | .134 | .095 | .129 | .094 | .067 | .074 | .055 | .040 | .024 | .018 | .013 | |
| 6.0 | .210 | .147 | .102 | .180 | .128 | .089 | .124 | .089 | .063 | .072 | .053 | .037 | .023 | .017 | .012 | |
| 7.0 | .203 | .140 | .097 | .174 | .122 | .084 | .120 | .085 | .060 | .070 | .050 | .036 | .023 | .016 | .012 | |
| 8.0 | .196 | .135 | .093 | .169 | .117 | .081 | .117 | .082 | .057 | .068 | .048 | .034 | .022 | .016 | .011 | |
| 9.0 | .190 | .130 | .090 | .163 | .113 | .078 | .113 | .079 | .055 | .066 | .047 | .033 | .021 | .015 | .011 | |
| 10.0 | .184 | .126 | .087 | .158 | .109 | .076 | .110 | .077 | .054 | .064 | .045 | .032 | .021 | .015 | .011 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------|------|------|
| 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 | 24.2 | 25.7 | 24.6 | 26.0 | 26.4 | 22.7 | 24.2 | 23.1 | 24.6 | 24.9 |
| 3H | 26.3 | 27.7 | 26.7 | 28.1 | 28.5 | 24.1 | 25.5 | 24.5 | 25.9 | 26.3 |
| 4H | 27.5 | 28.9 | 28.0 | 29.3 | 29.7 | 24.6 | 25.9 | 25.0 | 26.3 | 26.7 |
| 6H | 29.0 | 30.2 | 29.4 | 30.6 | 31.1 | 24.9 | 26.1 | 25.3 | 26.5 | 27.0 |
| 8H | 29.8 | 31.0 | 30.2 | 31.4 | 31.9 | 24.9 | 26.1 | 25.4 | 26.6 | 27.0 |
| 12H | 30.7 | 31.8 | 31.2 | 32.3 | 32.8 | 25.0 | 26.1 | 25.4 | 26.6 | 27.0 |
| 4H 2H | 24.7 | 26.1 | 25.2 | 26.5 | 26.9 | 23.7 | 25.0 | 24.1 | 25.4 | 25.8 |
| 3H | 27.1 | 28.2 | 27.6 | 28.7 | 29.2 | 25.2 | 26.4 | 25.7 | 26.9 | 27.3 |
| 4H | 28.5 | 29.6 | 29.0 | 30.1 | 30.6 | 25.9 | 26.9 | 26.4 | 27.4 | 27.9 |
| 6H | 30.2 | 31.1 | 30.7 | 31.6 | 32.2 | 26.3 | 27.3 | 26.8 | 27.8 | 28.3 |
| 8H | 31.1 | 32.0 | 31.7 | 32.5 | 33.1 | 26.4 | 27.3 | 27.0 | 27.8 | 28.4 |
| 12H | 32.2 | 33.0 | 32.7 | 33.5 | 34.1 | 26.5 | 27.3 | 27.1 | 27.9 | 28.5 |
| 8H 4H | 28.9 | 29.7 | 29.4 | 30.3 | 30.8 | 26.6 | 27.5 | 27.2 | 28.0 | 28.6 |
| 6H | 30.8 | 31.6 | 31.4 | 32.1 | 32.7 | 27.4 | 28.2 | 28.0 | 28.7 | 29.3 |
| 8H | 32.0 | 32.6 | 32.5 | 33.2 | 33.8 | 27.7 | 28.4 | 28.3 | 28.9 | 29.6 |
| 12H | 33.3 | 33.9 | 33.9 | 34.5 | 35.1 | 27.9 | 28.5 | 28.5 | 29.1 | 29.7 |
| 12H 4H | 28.9 | 29.7 | 29.4 | 30.2 | 30.8 | 26.9 | 27.7 | 27.4 | 28.2 | 28.8 |
| 6H | 30.9 | 31.6 | 31.5 | 32.2 | 32.8 | 27.9 | 28.5 | 28.4 | 29.1 | 29.7 |
| 8H | 32.2 | 32.8 | 32.8 | 33.4 | 34.0 | 28.3 | 28.9 | 28.9 | 29.5 | 30.2 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.5 | | | | |

CIE Pub.117, 629.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.6)
 Area: 0.012 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

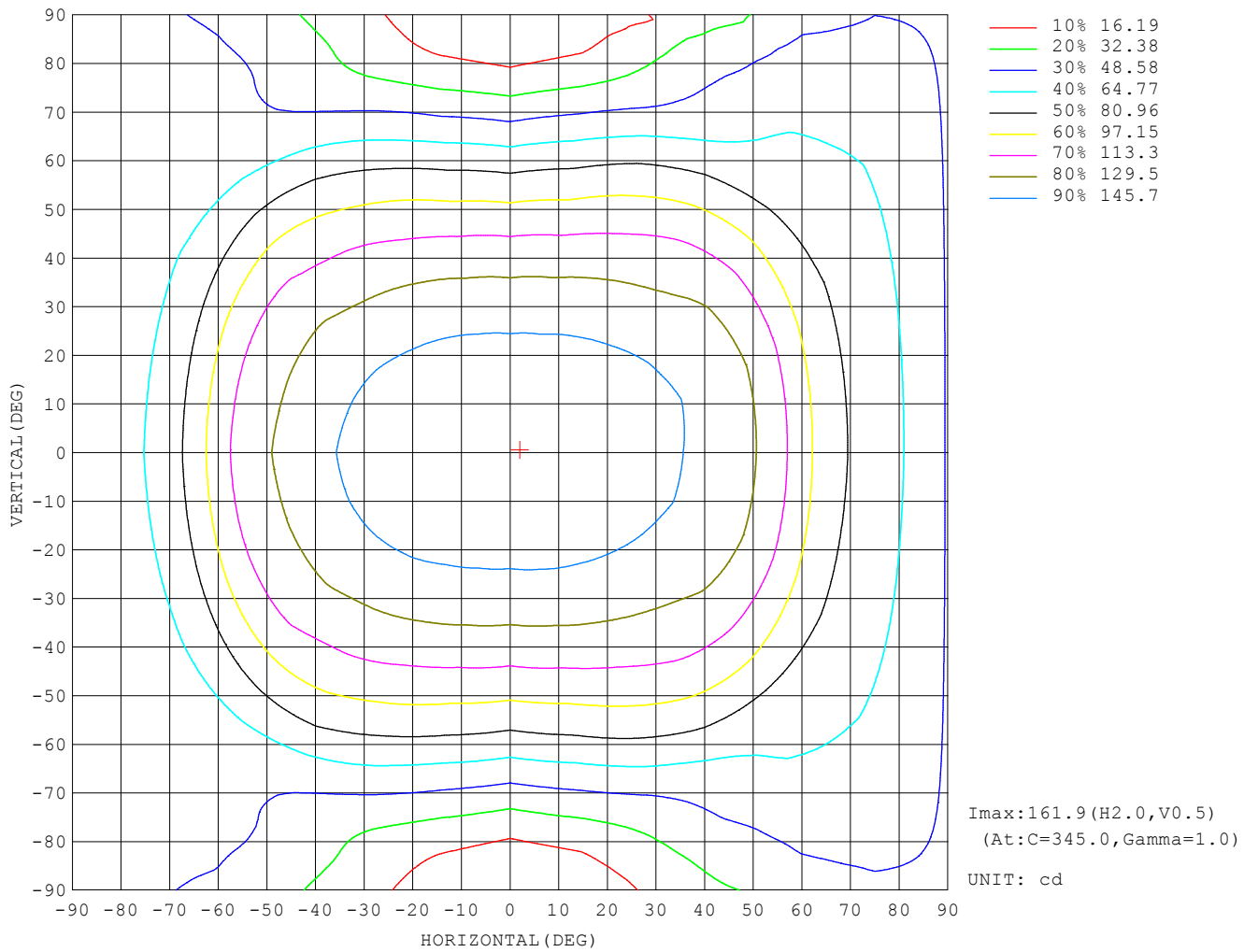
UTILIZATION FACTORS TABLE

| 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 51 | 39 | 31 | 50 | 38 | 31 | 49 | 38 | 31 | 24 |
| 0.80 | 61 | 48 | 40 | 59 | 47 | 40 | 57 | 46 | 39 | 32 |
| 1.00 | 69 | 56 | 48 | 67 | 56 | 48 | 65 | 57 | 47 | 39 |
| 1.25 | 76 | 64 | 56 | 74 | 63 | 55 | 71 | 61 | 54 | 46 |
| 1.50 | 81 | 69 | 61 | 79 | 68 | 61 | 75 | 66 | 59 | 50 |
| 2.00 | 88 | 78 | 70 | 86 | 76 | 69 | 81 | 73 | 67 | 58 |
| 2.50 | 93 | 83 | 76 | 90 | 81 | 74 | 85 | 78 | 72 | 62 |
| 3.00 | 96 | 88 | 81 | 93 | 86 | 79 | 88 | 82 | 76 | 66 |
| 4.00 | 101 | 93 | 87 | 98 | 91 | 85 | 92 | 87 | 82 | 71 |
| 5.00 | 103 | 97 | 92 | 100 | 95 | 90 | 94 | 90 | 86 | 74 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

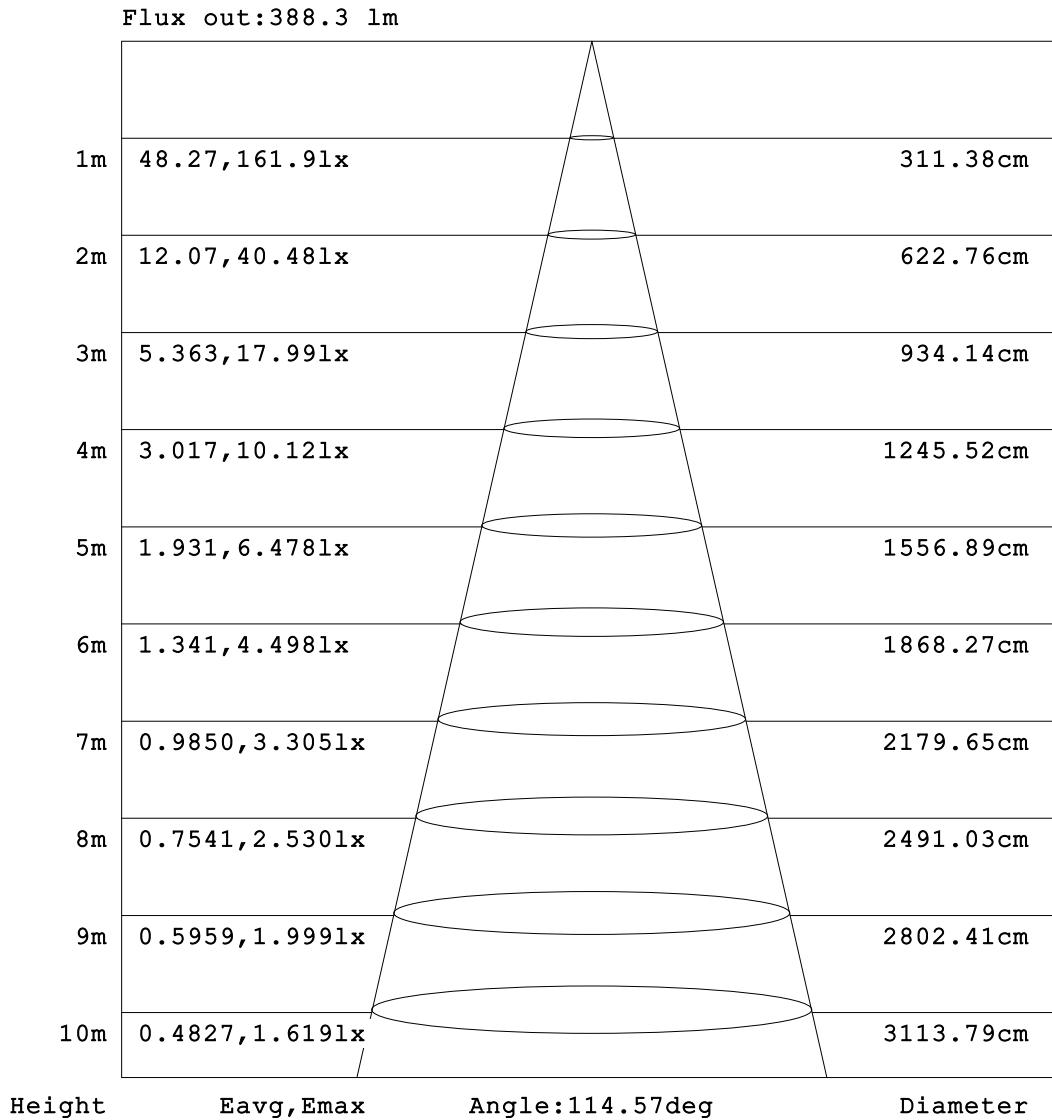
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

AAI Figure

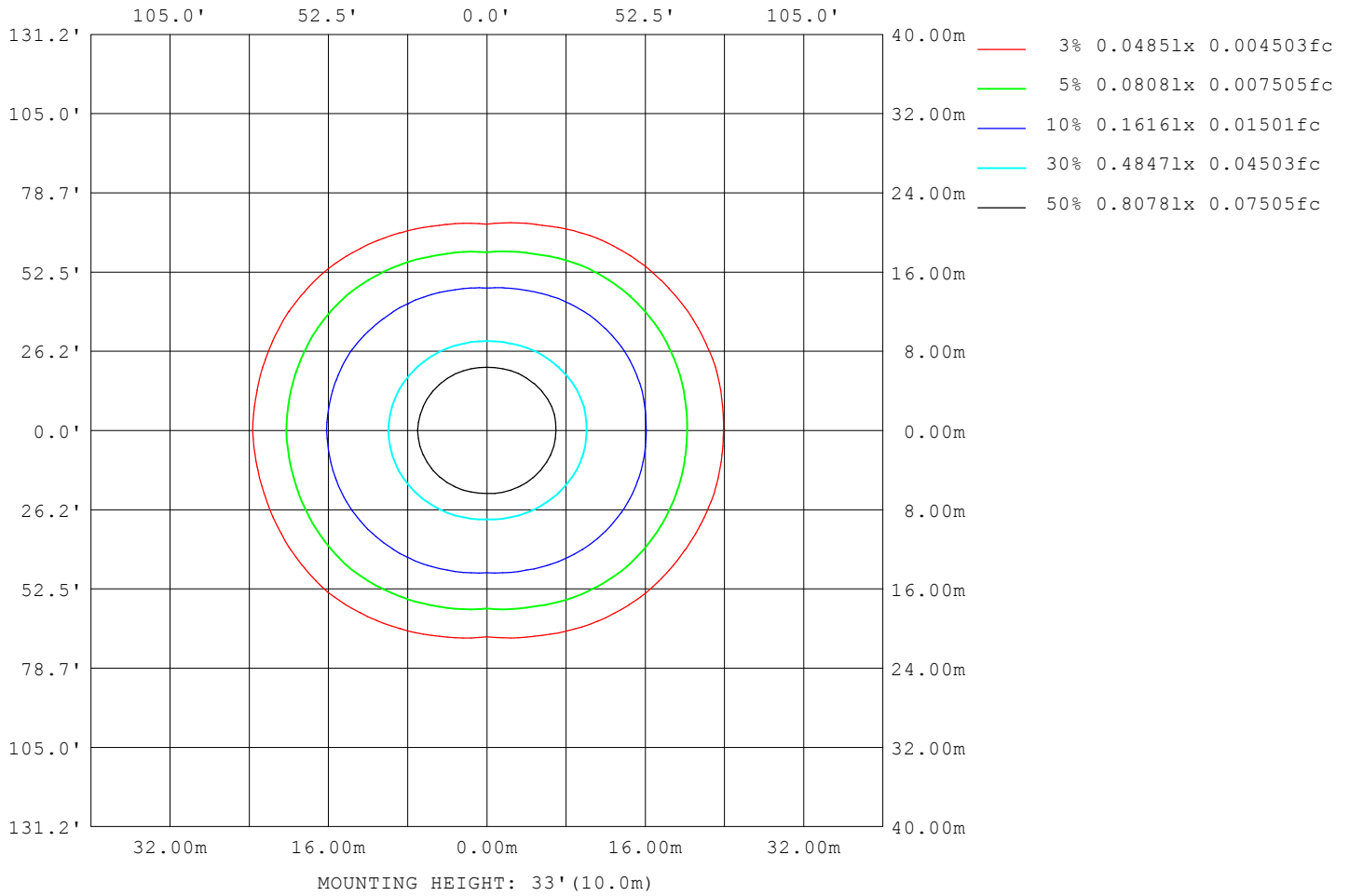


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*10*4MM | SERIAL No.: 20230312009 |
| MFR.: EVERFINE | SUR.: 500*10*4MM | Shielding Angle: |

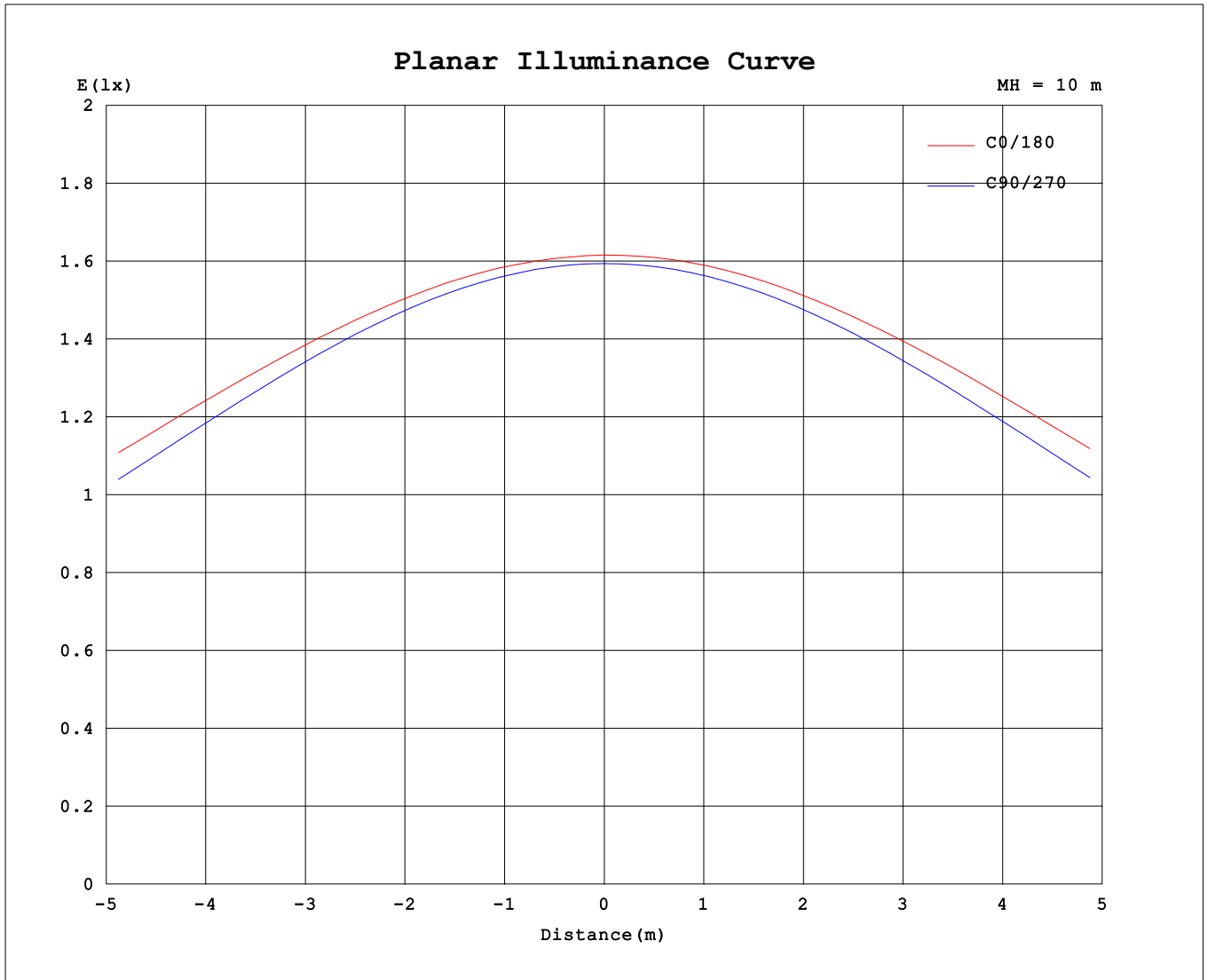
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 17549 |
| L_0~180 (75) av | 22360 |
| L_0~180 (85) av | 57247 |
| L_90~270 (65) av | 11409 |
| L_90~270 (75) av | 8800 |
| L_90~270 (85) av | 5562 |
| L_45 (65) av | 15956 |
| L_45 (75) av | 17115 |
| L_45 (85) av | 39102 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

| C (DEG) \ □ (DEG) | 0 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 162 | 161 | 160 | 160 | 160 | 160 | 159 | 159 | 160 | 160 | 161 | 162 | 162 | 161 | 160 | 160 | 160 | 160 | 159 |
| 5 | 161 | 161 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 160 | 161 | 162 | 161 | 161 | 160 | 159 | 159 | 159 | 159 |
| 10 | 160 | 160 | 158 | 158 | 158 | 157 | 157 | 157 | 158 | 158 | 159 | 160 | 161 | 160 | 159 | 158 | 158 | 158 | 157 |
| 15 | 158 | 158 | 157 | 156 | 155 | 154 | 154 | 154 | 155 | 156 | 158 | 159 | 159 | 158 | 157 | 156 | 155 | 155 | 154 |
| 20 | 156 | 156 | 154 | 153 | 152 | 151 | 150 | 150 | 152 | 153 | 155 | 157 | 157 | 156 | 155 | 153 | 152 | 151 | 150 |
| 25 | 153 | 153 | 151 | 149 | 147 | 146 | 144 | 145 | 147 | 150 | 152 | 154 | 155 | 153 | 151 | 149 | 147 | 146 | 145 |
| 30 | 150 | 150 | 147 | 144 | 142 | 139 | 138 | 139 | 142 | 145 | 148 | 150 | 151 | 150 | 147 | 144 | 142 | 140 | 139 |
| 35 | 146 | 146 | 142 | 139 | 135 | 132 | 130 | 132 | 135 | 139 | 142 | 145 | 146 | 145 | 142 | 139 | 135 | 132 | 131 |
| 40 | 142 | 141 | 137 | 133 | 128 | 124 | 121 | 123 | 127 | 132 | 136 | 140 | 142 | 140 | 136 | 132 | 128 | 124 | 122 |
| 45 | 139 | 137 | 132 | 125 | 119 | 114 | 111 | 114 | 119 | 124 | 130 | 134 | 136 | 134 | 130 | 124 | 119 | 114 | 112 |
| 50 | 131 | 130 | 125 | 118 | 110 | 103 | 99.5 | 103 | 109 | 116 | 121 | 126 | 129 | 126 | 121 | 116 | 109 | 103 | 100 |
| 55 | 119 | 119 | 115 | 109 | 99.7 | 91.3 | 86.7 | 91.3 | 98.6 | 106 | 113 | 117 | 120 | 118 | 113 | 106 | 98.7 | 91.0 | 87.5 |
| 60 | 104 | 104 | 102 | 95.7 | 87.4 | 78.2 | 72.7 | 78.3 | 86.1 | 94.6 | 99.7 | 103 | 106 | 104 | 101 | 94.0 | 86.0 | 77.8 | 73.2 |
| 65 | 89.4 | 88.4 | 85.4 | 81.0 | 72.9 | 63.7 | 57.8 | 63.7 | 71.8 | 80.3 | 83.9 | 86.0 | 88.6 | 87.4 | 85.5 | 80.0 | 71.4 | 63.1 | 57.9 |
| 70 | 80.3 | 78.6 | 73.0 | 65.6 | 57.4 | 48.9 | 42.3 | 48.8 | 57.5 | 63.5 | 67.1 | 70.4 | 73.3 | 71.8 | 68.6 | 63.8 | 57.1 | 47.8 | 42.2 |
| 75 | 73.8 | 71.9 | 65.8 | 55.4 | 43.1 | 34.3 | 27.5 | 34.3 | 42.7 | 49.8 | 56.6 | 62.3 | 65.1 | 63.2 | 57.2 | 49.9 | 42.1 | 32.9 | 27.2 |
| 80 | 66.1 | 64.1 | 57.8 | 47.8 | 33.5 | 21.4 | 14.8 | 21.9 | 31.5 | 43.1 | 53.9 | 60.5 | 62.8 | 61.0 | 53.8 | 42.7 | 30.5 | 20.3 | 14.3 |
| 85 | 59.0 | 56.9 | 50.4 | 40.0 | 26.0 | 12.1 | 6.22 | 12.9 | 26.2 | 40.9 | 51.5 | 57.6 | 60.7 | 58.6 | 51.9 | 40.3 | 24.5 | 11.1 | 5.41 |
| 90 | 46.7 | 45.4 | 39.8 | 31.2 | 19.4 | 6.63 | 1.88 | 8.12 | 21.4 | 34.7 | 45.0 | 51.2 | 54.6 | 52.4 | 45.7 | 34.0 | 20.1 | 6.48 | 0.81 |
| 95 | 32.8 | 31.7 | 27.9 | 22.7 | 15.1 | 4.59 | 0.63 | 6.95 | 18.8 | 29.8 | 38.9 | 44.4 | 48.4 | 46.1 | 39.7 | 29.4 | 17.7 | 5.58 | 0.62 |
| 100 | 28.4 | 27.4 | 24.4 | 18.8 | 9.94 | 0.78 | 0.68 | 2.64 | 16.7 | 28.5 | 36.0 | 40.8 | 43.0 | 41.6 | 36.7 | 27.9 | 15.7 | 1.71 | 0.68 |
| 105 | 21.0 | 20.2 | 17.2 | 11.7 | 2.79 | 0.82 | 0.79 | 0.94 | 8.45 | 20.8 | 29.4 | 34.8 | 37.3 | 35.2 | 29.8 | 20.2 | 7.70 | 0.86 | 0.78 |
| 110 | 13.7 | 12.8 | 9.23 | 4.09 | 1.03 | 0.89 | 0.85 | 0.96 | 2.67 | 11.0 | 19.3 | 25.0 | 27.9 | 25.5 | 19.8 | 10.3 | 2.20 | 0.93 | 0.88 |
| 115 | 6.34 | 5.65 | 3.37 | 1.46 | 1.05 | 0.98 | 0.95 | 1.00 | 1.27 | 4.51 | 9.66 | 13.6 | 16.1 | 13.9 | 9.68 | 4.02 | 1.16 | 1.00 | 0.99 |
| 120 | 2.53 | 2.16 | 1.36 | 1.21 | 1.11 | 1.08 | 1.05 | 1.08 | 1.20 | 1.86 | 4.44 | 6.61 | 7.97 | 6.69 | 4.41 | 1.62 | 1.18 | 1.11 | 1.09 |
| 125 | 1.41 | 1.38 | 1.32 | 1.27 | 1.20 | 1.17 | 1.15 | 1.19 | 1.24 | 1.38 | 1.99 | 3.25 | 4.07 | 3.29 | 1.93 | 1.36 | 1.26 | 1.21 | 1.19 |
| 130 | 1.40 | 1.41 | 1.37 | 1.34 | 1.29 | 1.27 | 1.25 | 1.29 | 1.32 | 1.41 | 1.50 | 1.70 | 1.93 | 1.68 | 1.47 | 1.39 | 1.34 | 1.30 | 1.29 |
| 135 | 1.45 | 1.46 | 1.44 | 1.42 | 1.38 | 1.36 | 1.35 | 1.38 | 1.41 | 1.47 | 1.51 | 1.56 | 1.56 | 1.55 | 1.51 | 1.46 | 1.43 | 1.39 | 1.38 |
| 140 | 1.51 | 1.53 | 1.51 | 1.50 | 1.46 | 1.45 | 1.44 | 1.47 | 1.49 | 1.54 | 1.56 | 1.60 | 1.60 | 1.58 | 1.57 | 1.53 | 1.51 | 1.48 | 1.47 |
| 145 | 1.58 | 1.61 | 1.59 | 1.58 | 1.55 | 1.55 | 1.53 | 1.57 | 1.58 | 1.62 | 1.63 | 1.65 | 1.66 | 1.64 | 1.63 | 1.60 | 1.59 | 1.56 | 1.56 |
| 150 | 1.66 | 1.69 | 1.67 | 1.67 | 1.63 | 1.63 | 1.62 | 1.66 | 1.66 | 1.70 | 1.70 | 1.72 | 1.72 | 1.70 | 1.70 | 1.68 | 1.67 | 1.65 | 1.65 |
| 155 | 1.73 | 1.76 | 1.74 | 1.74 | 1.71 | 1.71 | 1.70 | 1.74 | 1.74 | 1.77 | 1.77 | 1.80 | 1.80 | 1.77 | 1.78 | 1.75 | 1.75 | 1.72 | 1.72 |
| 160 | 1.81 | 1.82 | 1.81 | 1.81 | 1.78 | 1.79 | 1.78 | 1.81 | 1.82 | 1.84 | 1.83 | 1.85 | 1.85 | 1.83 | 1.83 | 1.81 | 1.82 | 1.79 | 1.80 |
| 165 | 1.87 | 1.88 | 1.87 | 1.87 | 1.85 | 1.86 | 1.85 | 1.87 | 1.89 | 1.91 | 1.90 | 1.91 | 1.91 | 1.88 | 1.89 | 1.87 | 1.88 | 1.86 | 1.86 |
| 170 | 1.93 | 1.94 | 1.92 | 1.92 | 1.91 | 1.92 | 1.91 | 1.93 | 1.94 | 1.96 | 1.95 | 1.96 | 1.95 | 1.93 | 1.94 | 1.93 | 1.93 | 1.92 | 1.93 |
| 175 | 1.97 | 1.98 | 1.96 | 1.97 | 1.96 | 1.97 | 1.97 | 1.98 | 1.98 | 1.99 | 1.98 | 1.99 | 1.99 | 1.96 | 1.97 | 1.96 | 1.97 | 1.96 | 1.97 |
| 180 | 2.00 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 2.00 | 2.00 | 2.00 | 2.00 | 2.01 | 2.00 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 | 1.99 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-03-12

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

| C (DEG) \ □ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 159 | 160 | 160 | 161 | 162 | | | | | | | | | | | | | | |
| 5 | 159 | 159 | 160 | 161 | 162 | | | | | | | | | | | | | | |
| 10 | 157 | 158 | 159 | 160 | 161 | | | | | | | | | | | | | | |
| 15 | 155 | 156 | 156 | 158 | 159 | | | | | | | | | | | | | | |
| 20 | 151 | 152 | 154 | 156 | 157 | | | | | | | | | | | | | | |
| 25 | 146 | 148 | 150 | 153 | 155 | | | | | | | | | | | | | | |
| 30 | 140 | 143 | 145 | 149 | 151 | | | | | | | | | | | | | | |
| 35 | 133 | 136 | 140 | 144 | 147 | | | | | | | | | | | | | | |
| 40 | 124 | 129 | 134 | 139 | 143 | | | | | | | | | | | | | | |
| 45 | 115 | 121 | 127 | 134 | 139 | | | | | | | | | | | | | | |
| 50 | 104 | 112 | 120 | 128 | 131 | | | | | | | | | | | | | | |
| 55 | 91.9 | 101 | 110 | 117 | 120 | | | | | | | | | | | | | | |
| 60 | 78.8 | 88.9 | 97.1 | 104 | 105 | | | | | | | | | | | | | | |
| 65 | 64.3 | 74.3 | 82.3 | 87.6 | 89.9 | | | | | | | | | | | | | | |
| 70 | 49.2 | 58.6 | 67.2 | 75.2 | 80.0 | | | | | | | | | | | | | | |
| 75 | 34.4 | 44.3 | 57.4 | 68.0 | 73.9 | | | | | | | | | | | | | | |
| 80 | 21.2 | 34.7 | 50.2 | 60.6 | 66.6 | | | | | | | | | | | | | | |
| 85 | 12.0 | 27.7 | 42.4 | 53.3 | 59.8 | | | | | | | | | | | | | | |
| 90 | 4.81 | 17.5 | 29.2 | 40.4 | 48.4 | | | | | | | | | | | | | | |
| 95 | 4.70 | 13.7 | 19.7 | 24.0 | 30.4 | | | | | | | | | | | | | | |
| 100 | 0.96 | 10.2 | 19.3 | 21.7 | 25.7 | | | | | | | | | | | | | | |
| 105 | 0.83 | 3.79 | 12.5 | 18.0 | 18.2 | | | | | | | | | | | | | | |
| 110 | 0.92 | 1.11 | 4.71 | 10.4 | 13.4 | | | | | | | | | | | | | | |
| 115 | 1.01 | 1.14 | 1.45 | 3.97 | 6.20 | | | | | | | | | | | | | | |
| 120 | 1.11 | 1.18 | 1.27 | 1.53 | 2.45 | | | | | | | | | | | | | | |
| 125 | 1.21 | 1.26 | 1.30 | 1.38 | 1.44 | | | | | | | | | | | | | | |
| 130 | 1.30 | 1.33 | 1.36 | 1.42 | 1.44 | | | | | | | | | | | | | | |
| 135 | 1.38 | 1.42 | 1.44 | 1.48 | 1.48 | | | | | | | | | | | | | | |
| 140 | 1.48 | 1.50 | 1.51 | 1.54 | 1.55 | | | | | | | | | | | | | | |
| 145 | 1.56 | 1.58 | 1.60 | 1.62 | 1.62 | | | | | | | | | | | | | | |
| 150 | 1.64 | 1.67 | 1.68 | 1.70 | 1.70 | | | | | | | | | | | | | | |
| 155 | 1.72 | 1.74 | 1.75 | 1.77 | 1.76 | | | | | | | | | | | | | | |
| 160 | 1.79 | 1.81 | 1.81 | 1.83 | 1.83 | | | | | | | | | | | | | | |
| 165 | 1.86 | 1.87 | 1.87 | 1.89 | 1.88 | | | | | | | | | | | | | | |
| 170 | 1.91 | 1.93 | 1.92 | 1.94 | 1.93 | | | | | | | | | | | | | | |
| 175 | 1.96 | 1.97 | 1.97 | 1.98 | 1.98 | | | | | | | | | | | | | | |
| 180 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-03-12

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks: