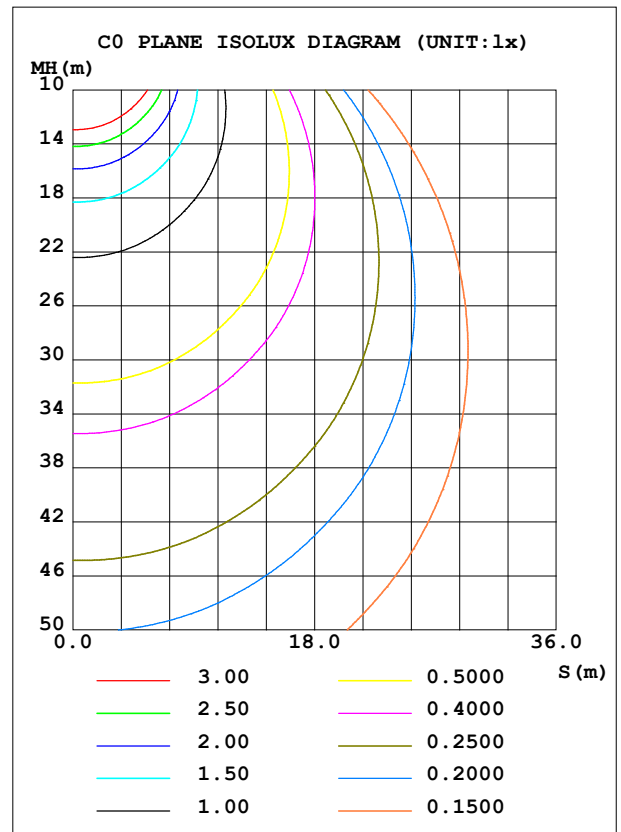
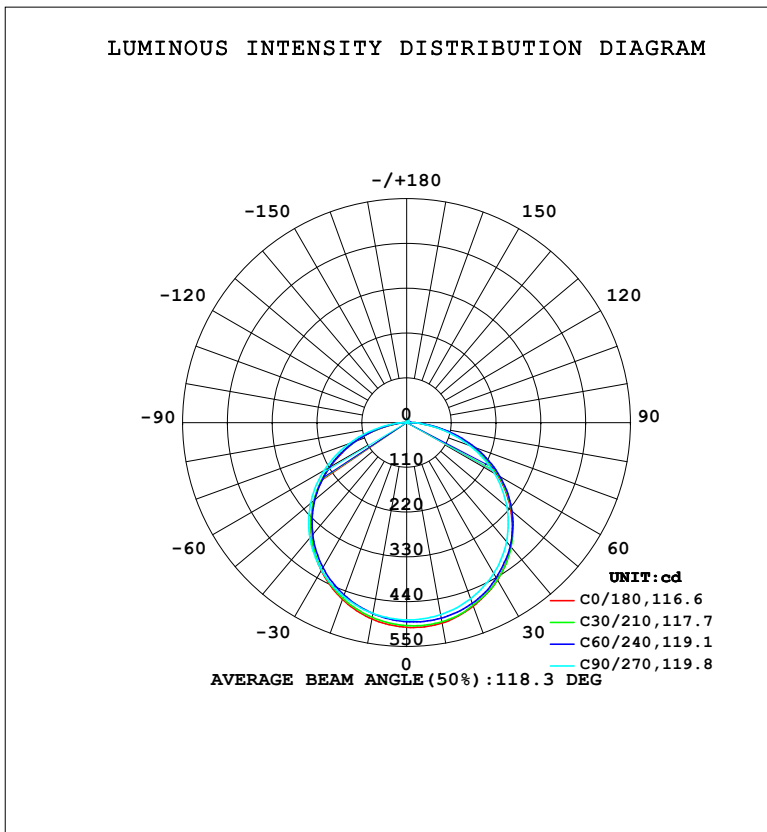


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: LED | DIM.: 1000*5*1.2mm | SERIAL No.: 20230804018 |
| MFR.: EVERFINE | SUR.: 1000*5mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|------------------------------------|--------|-----------------------------------|--------|--|-----------|
| MODEL: 10B-24 (WCP) (05) -UR-ME-EP | | Imax (cd) | 503.5 | S/MH (C0/180) | 1.24 |
| NOMINAL POWER (W) | 13.352 | LOR (%) | 100.0 | S/MH (C90/270) | 1.29 |
| RATED VOLTAGE (V) | DC 24 | TOTAL FLUX (lm) | 1531.8 | <input type="checkbox"/> UP, DN (C0-180) | 1.0, 49.8 |
| NOMINAL FLUX (lm) | 1531.8 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.8, 48.4 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 1.8 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | DC 24 | <input type="checkbox"/> down (%) | 98.2 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-04

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

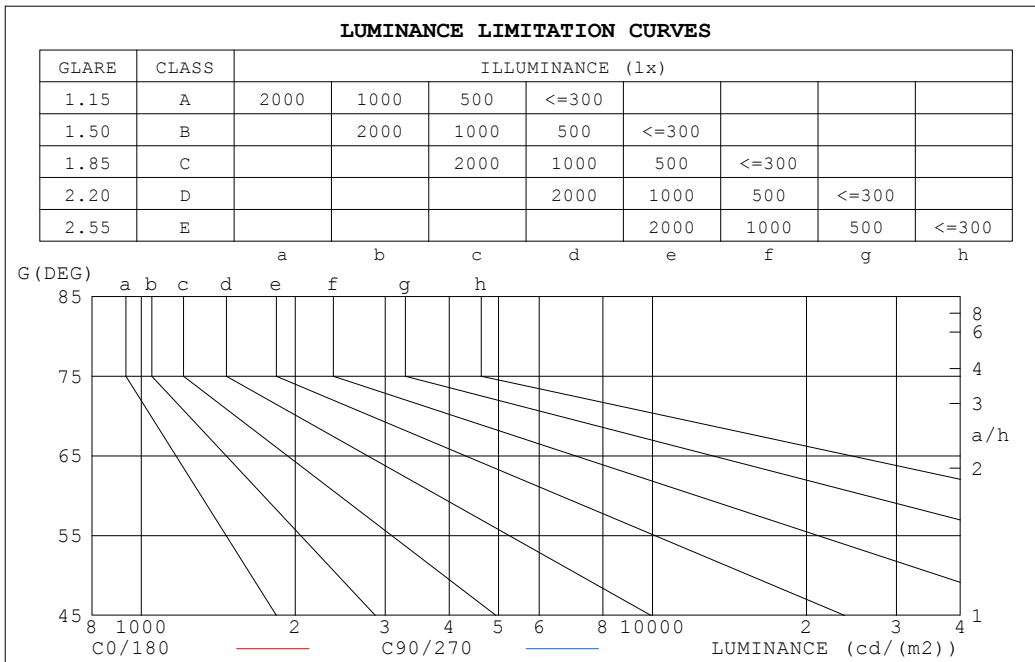
ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 500.1 | 494.9 | 479.0 | 475.1 | 489.8 | 485.1 | 476.1 | 485.2 | 0- 10 | 46.59 | 46.59 | 3.04,3.04 |
| 20 | 479.5 | 477.4 | 460.0 | 449.0 | 461.8 | 458.8 | 454.1 | 468.6 | 10- 20 | 134.2 | 180.8 | 11.8,11.8 |
| 30 | 446.5 | 443.7 | 427.9 | 410.2 | 419.6 | 418.8 | 418.6 | 437.7 | 20- 30 | 205.9 | 386.7 | 25.2,25.2 |
| 40 | 397.7 | 398.8 | 381.8 | 358.9 | 364.1 | 365.3 | 369.8 | 392.4 | 30- 40 | 252.7 | 639.5 | 41.7,41.7 |
| 50 | 334.2 | 337.1 | 321.3 | 295.0 | 296.3 | 299.5 | 308.1 | 332.7 | 40- 50 | 268.2 | 907.7 | 59.3,59.3 |
| 60 | 258.4 | 262.1 | 249.0 | 218.8 | 217.5 | 222.0 | 234.0 | 259.8 | 50- 60 | 248.9 | 1157 | 75.5,75.5 |
| 70 | 171.2 | 173.8 | 164.0 | 134.5 | 130.8 | 135.7 | 149.8 | 172.9 | 60- 70 | 195.4 | 1352 | 88.3,88.3 |
| 80 | 79.84 | 81.22 | 75.99 | 53.44 | 47.50 | 51.16 | 62.76 | 80.35 | 70- 80 | 115.2 | 1467 | 95.8,95.8 |
| 90 | 11.67 | 12.47 | 13.16 | 12.61 | 4.374 | 5.271 | 4.637 | 14.53 | 80- 90 | 37.02 | 1504 | 98.2,98.2 |
| 100 | 1.937 | 1.855 | 2.209 | 5.231 | 2.778 | 2.326 | 2.127 | 4.075 | 90-100 | 6.927 | 1511 | 98.7,98.7 |
| 110 | 2.136 | 2.278 | 2.433 | 2.477 | 2.595 | 2.676 | 2.747 | 2.824 | 100-110 | 3.524 | 1515 | 98.9,98.9 |
| 120 | 2.721 | 2.798 | 2.958 | 3.077 | 3.160 | 3.249 | 3.370 | 3.471 | 110-120 | 2.865 | 1518 | 99.1,99.1 |
| 130 | 3.314 | 3.385 | 3.532 | 3.684 | 3.730 | 3.839 | 3.959 | 4.180 | 120-130 | 3.055 | 1521 | 99.3,99.3 |
| 140 | 3.912 | 3.989 | 4.121 | 4.276 | 4.275 | 4.386 | 4.495 | 4.808 | 130-140 | 3.102 | 1524 | 99.5,99.5 |
| 150 | 4.494 | 4.573 | 8.678 | 4.826 | 4.796 | 4.879 | 4.961 | 5.467 | 140-150 | 2.957 | 1527 | 99.7,99.7 |
| 160 | 5.071 | 5.097 | 8.768 | 5.330 | 5.292 | 5.317 | 5.842 | 6.631 | 150-160 | 2.627 | 1529 | 99.8,99.8 |
| 170 | 5.572 | 5.550 | 9.004 | 7.169 | 5.702 | 5.673 | 7.070 | 8.255 | 160-170 | 1.833 | 1531 | 100,100 |
| 180 | 5.887 | 5.838 | 8.325 | 9.203 | 5.888 | 5.845 | 8.435 | 9.008 | 170-180 | 0.6793 | 1532 | 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:2023-08-04

□ 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



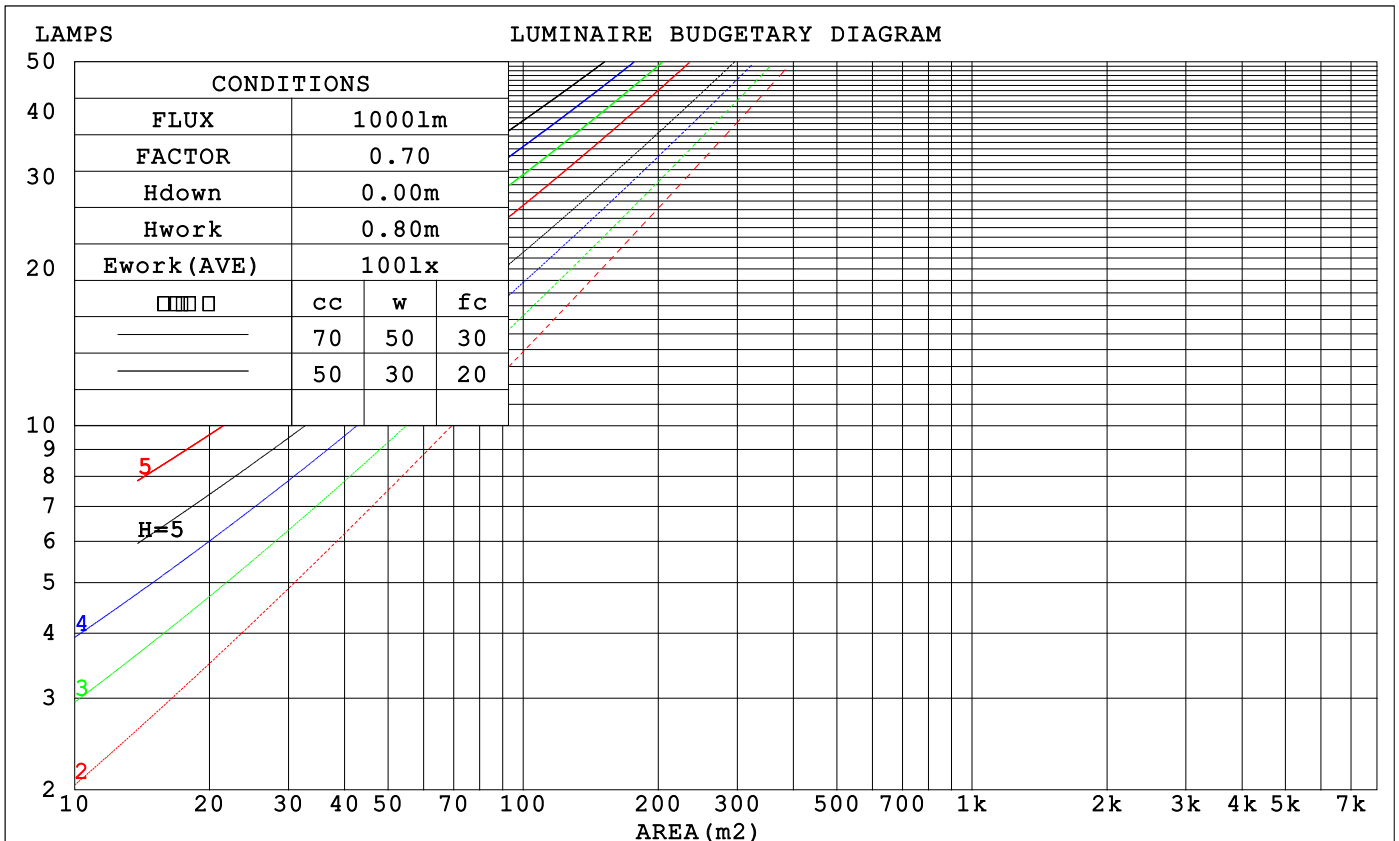
| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 90494 | 89126 |
| 80 | 91959 | 87517 |
| 75 | 96708 | 91997 |
| 70 | 100134 | 95887 |
| 65 | 102319 | 98361 |
| 60 | 103379 | 99588 |
| 55 | 103885 | 99860 |
| 50 | 103989 | 99968 |
| 45 | 103923 | 99922 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-04

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 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.00 | 1.00 | 1.00 | .98 |
| 1.0 | 1.03 | .98 | .94 | 1.00 | .96 | .93 | .96 | .92 | .89 | .92 | .89 | .86 | .88 | .85 | .83 | .81 |
| 2.0 | .89 | .82 | .76 | .87 | .81 | .75 | .83 | .78 | .73 | .80 | .75 | .71 | .76 | .73 | .69 | .67 |
| 3.0 | .78 | .70 | .63 | .76 | .69 | .62 | .73 | .66 | .61 | .70 | .64 | .60 | .67 | .62 | .58 | .56 |
| 4.0 | .69 | .60 | .53 | .67 | .59 | .53 | .65 | .57 | .52 | .62 | .56 | .51 | .60 | .54 | .50 | .48 |
| 5.0 | .61 | .52 | .45 | .60 | .52 | .45 | .58 | .50 | .44 | .56 | .49 | .44 | .54 | .48 | .43 | .41 |
| 6.0 | .55 | .46 | .39 | .54 | .45 | .39 | .52 | .44 | .39 | .50 | .43 | .38 | .48 | .42 | .38 | .36 |
| 7.0 | .50 | .41 | .35 | .49 | .41 | .35 | .47 | .40 | .34 | .46 | .39 | .34 | .44 | .38 | .33 | .31 |
| 8.0 | .45 | .37 | .31 | .45 | .36 | .31 | .43 | .36 | .30 | .42 | .35 | .30 | .40 | .34 | .30 | .28 |
| 9.0 | .42 | .33 | .28 | .41 | .33 | .28 | .40 | .32 | .27 | .38 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .38 | .30 | .25 | .38 | .30 | .25 | .37 | .30 | .25 | .36 | .29 | .25 | .35 | .29 | .24 | .23 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-04

□ 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 | .321 | .182 | .058 | .313 | .179 | .057 | .299 | .171 | .055 | .286 | .165 | .053 | .273 | .158 | .051 | |
| 1.0 | .299 | .164 | .050 | .293 | .161 | .050 | .280 | .156 | .048 | .268 | .150 | .047 | .257 | .146 | .046 | |
| 2.0 | .276 | .147 | .044 | .270 | .144 | .043 | .258 | .140 | .043 | .248 | .136 | .042 | .238 | .132 | .041 | |
| 3.0 | .254 | .132 | .039 | .248 | .130 | .038 | .238 | .126 | .038 | .229 | .123 | .037 | .220 | .120 | .036 | |
| 4.0 | .234 | .119 | .035 | .229 | .118 | .034 | .220 | .115 | .034 | .212 | .112 | .033 | .204 | .109 | .033 | |
| 5.0 | .216 | .109 | .031 | .212 | .107 | .031 | .204 | .105 | .030 | .197 | .102 | .030 | .190 | .100 | .030 | |
| 6.0 | .201 | .099 | .028 | .197 | .098 | .028 | .190 | .096 | .028 | .183 | .094 | .027 | .177 | .092 | .027 | |
| 7.0 | .188 | .092 | .026 | .184 | .091 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .166 | .085 | .025 | |
| 8.0 | .176 | .085 | .024 | .173 | .084 | .024 | .167 | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 | |
| 9.0 | .165 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .075 | .021 | .147 | .074 | .021 | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .075 | .021 | .147 | .074 | .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 | .204 | .204 | .204 | .175 | .175 | .175 | .119 | .119 | .119 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .195 | .170 | .147 | .167 | .146 | .127 | .114 | .100 | .088 | .066 | .058 | .051 | .021 | .019 | .016 | |
| 2.0 | .187 | .146 | .111 | .160 | .126 | .096 | .110 | .087 | .067 | .063 | .051 | .039 | .020 | .016 | .013 | |
| 3.0 | .180 | .128 | .087 | .154 | .111 | .076 | .106 | .077 | .053 | .061 | .045 | .031 | .020 | .015 | .010 | |
| 4.0 | .172 | .115 | .072 | .148 | .099 | .062 | .101 | .069 | .044 | .059 | .041 | .026 | .019 | .013 | .009 | |
| 5.0 | .165 | .105 | .061 | .141 | .091 | .053 | .097 | .063 | .037 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 6.0 | .157 | .097 | .053 | .135 | .084 | .046 | .093 | .059 | .033 | .054 | .034 | .019 | .017 | .011 | .006 | |
| 7.0 | .150 | .090 | .047 | .129 | .078 | .041 | .089 | .054 | .029 | .052 | .032 | .017 | .017 | .011 | .006 | |
| 8.0 | .144 | .084 | .043 | .124 | .073 | .037 | .086 | .051 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 9.0 | .138 | .079 | .039 | .119 | .069 | .034 | .082 | .048 | .024 | .048 | .028 | .014 | .016 | .009 | .005 | |
| 10.0 | .132 | .075 | .037 | .114 | .065 | .032 | .079 | .046 | .023 | .046 | .027 | .014 | .015 | .009 | .004 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-04

□ 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 | 27.8 | 29.3 | 28.1 | 29.6 | 29.8 | 27.7 | 29.3 | 28.0 | 29.5 | 29.7 |
| 3H | 29.5 | 30.9 | 29.8 | 31.2 | 31.5 | 29.5 | 30.9 | 29.8 | 31.1 | 31.4 |
| 4H | 30.2 | 31.6 | 30.6 | 31.9 | 32.2 | 30.2 | 31.5 | 30.5 | 31.8 | 32.1 |
| 6H | 30.8 | 32.0 | 31.1 | 32.4 | 32.7 | 30.7 | 32.0 | 31.1 | 32.3 | 32.6 |
| 8H | 31.0 | 32.2 | 31.4 | 32.5 | 32.8 | 30.9 | 32.1 | 31.3 | 32.5 | 32.8 |
| 12H | 31.1 | 32.3 | 31.5 | 32.6 | 33.0 | 31.1 | 32.2 | 31.4 | 32.6 | 32.9 |
| 4H 2H | 28.5 | 29.8 | 28.8 | 30.1 | 30.4 | 28.4 | 29.8 | 28.8 | 30.1 | 30.4 |
| 3H | 30.4 | 31.6 | 30.8 | 31.9 | 32.2 | 30.4 | 31.5 | 30.8 | 31.9 | 32.2 |
| 4H | 31.2 | 32.3 | 31.6 | 32.7 | 33.0 | 31.2 | 32.3 | 31.6 | 32.7 | 33.0 |
| 6H | 31.9 | 32.9 | 32.4 | 33.3 | 33.7 | 31.9 | 32.9 | 32.4 | 33.3 | 33.7 |
| 8H | 32.2 | 33.1 | 32.6 | 33.5 | 33.9 | 32.2 | 33.1 | 32.7 | 33.5 | 33.9 |
| 12H | 32.4 | 33.2 | 32.8 | 33.6 | 34.1 | 32.4 | 33.2 | 32.9 | 33.7 | 34.1 |
| 8H 4H | 31.6 | 32.4 | 32.0 | 32.8 | 33.3 | 31.6 | 32.5 | 32.0 | 32.9 | 33.3 |
| 6H | 32.4 | 33.2 | 32.9 | 33.6 | 34.1 | 32.5 | 33.2 | 32.9 | 33.6 | 34.1 |
| 8H | 32.8 | 33.4 | 33.3 | 33.9 | 34.4 | 32.9 | 33.5 | 33.3 | 34.0 | 34.5 |
| 12H | 33.1 | 33.7 | 33.6 | 34.1 | 34.7 | 33.2 | 33.8 | 33.7 | 34.2 | 34.8 |
| 12H 4H | 31.6 | 32.4 | 32.0 | 32.8 | 33.3 | 31.6 | 32.4 | 32.1 | 32.8 | 33.3 |
| 6H | 32.5 | 33.2 | 33.0 | 33.6 | 34.1 | 32.5 | 33.2 | 33.0 | 33.7 | 34.2 |
| 8H | 32.9 | 33.5 | 33.4 | 34.0 | 34.5 | 33.0 | 33.6 | 33.5 | 34.0 | 34.6 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.5 | | | | |

CIE Pub.117, 1532 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.5)
 Area: 0.005 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-04

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:

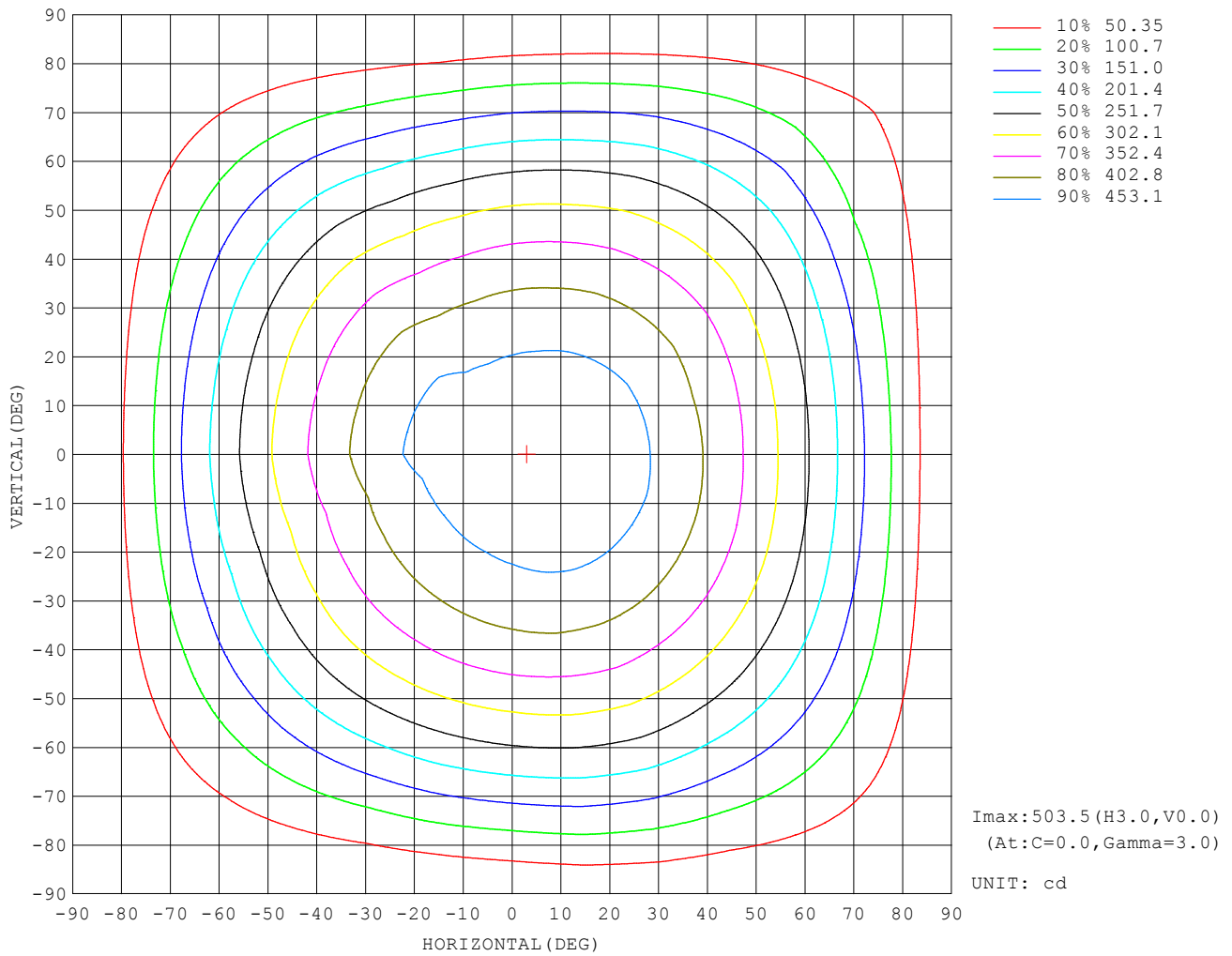
UTILIZATION FACTORS TABLE

| 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 43 | 37 | 30 |
| 0.80 | 66 | 54 | 46 | 65 | 53 | 46 | 63 | 53 | 46 | 39 |
| 1.00 | 74 | 63 | 55 | 73 | 62 | 55 | 71 | 63 | 54 | 47 |
| 1.25 | 81 | 71 | 63 | 80 | 70 | 63 | 77 | 68 | 62 | 54 |
| 1.50 | 86 | 76 | 69 | 85 | 75 | 68 | 81 | 73 | 67 | 59 |
| 2.00 | 93 | 85 | 78 | 91 | 83 | 77 | 88 | 81 | 75 | 67 |
| 2.50 | 98 | 89 | 83 | 95 | 88 | 82 | 91 | 85 | 80 | 71 |
| 3.00 | 101 | 94 | 88 | 99 | 92 | 87 | 94 | 89 | 84 | 75 |
| 4.00 | 105 | 99 | 94 | 103 | 97 | 93 | 98 | 94 | 90 | 80 |
| 5.00 | 108 | 103 | 98 | 105 | 100 | 97 | 100 | 97 | 93 | 83 |
| 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: 2023-08-04

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:

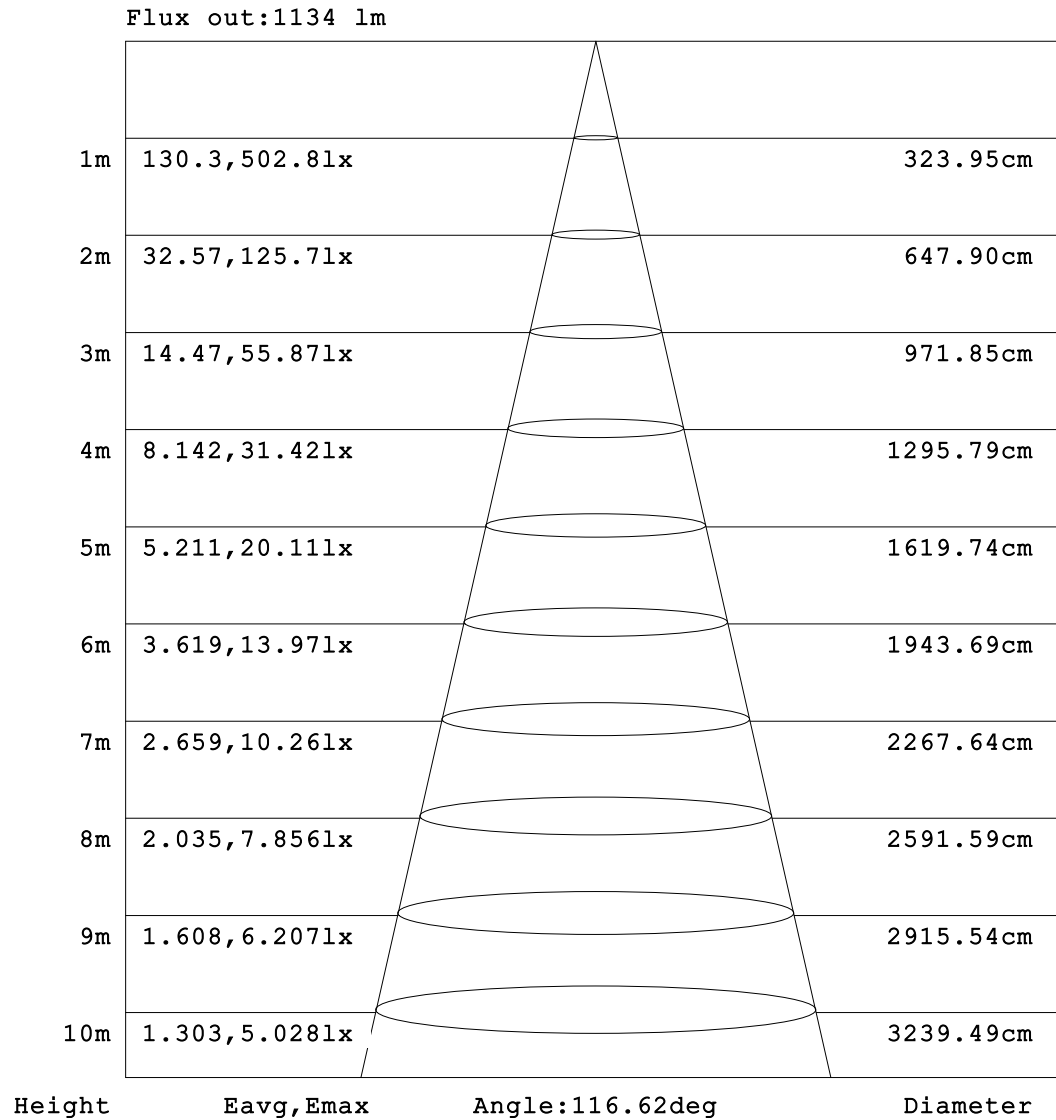
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-04

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

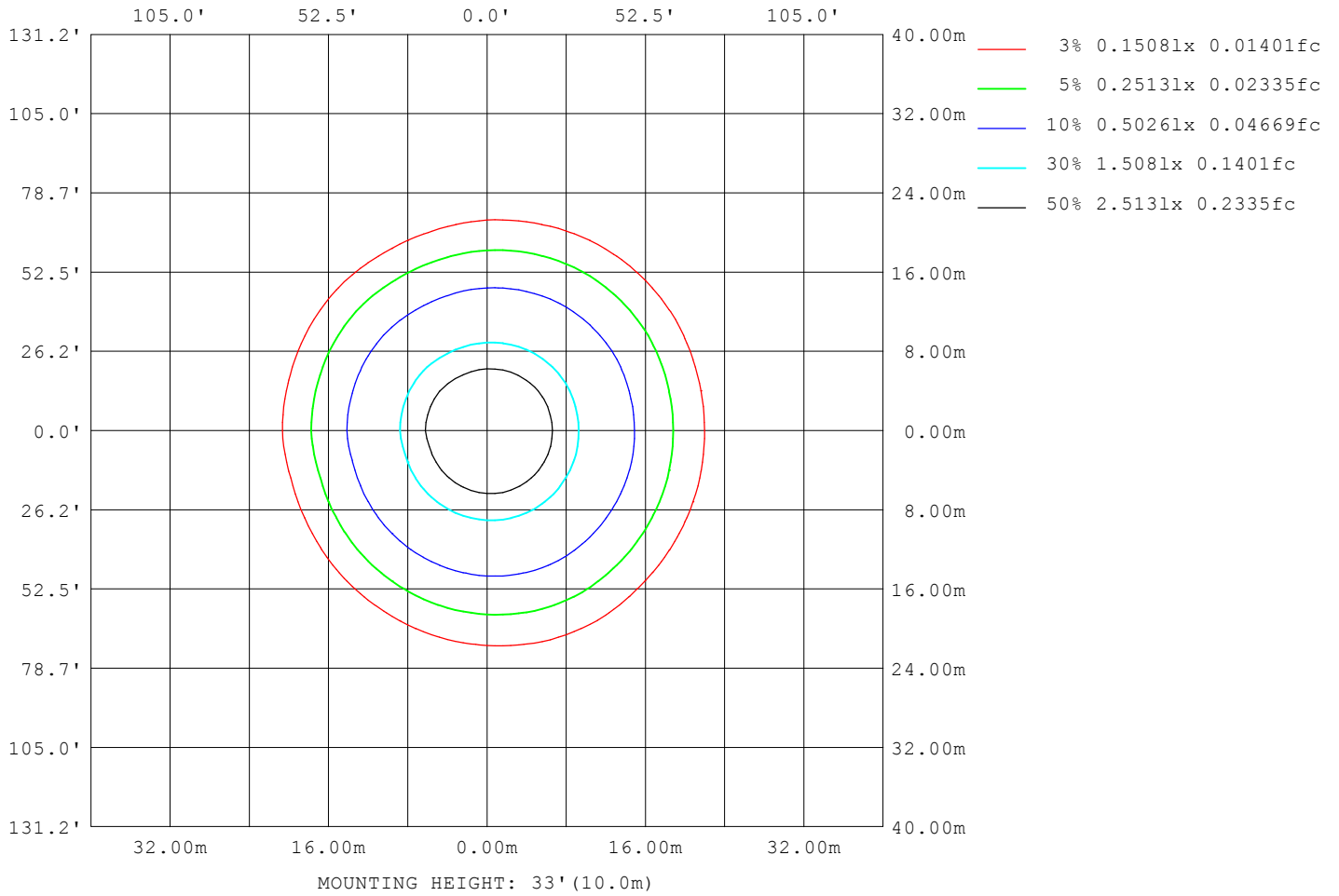


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-04

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: 2023-08-04

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.: LED | DIM.: 1000*5*1.2mm | SERIAL No.: 20230804018 |
| MFR.: EVERFINE | SUR.: 1000*5mm | Shielding Angle: |

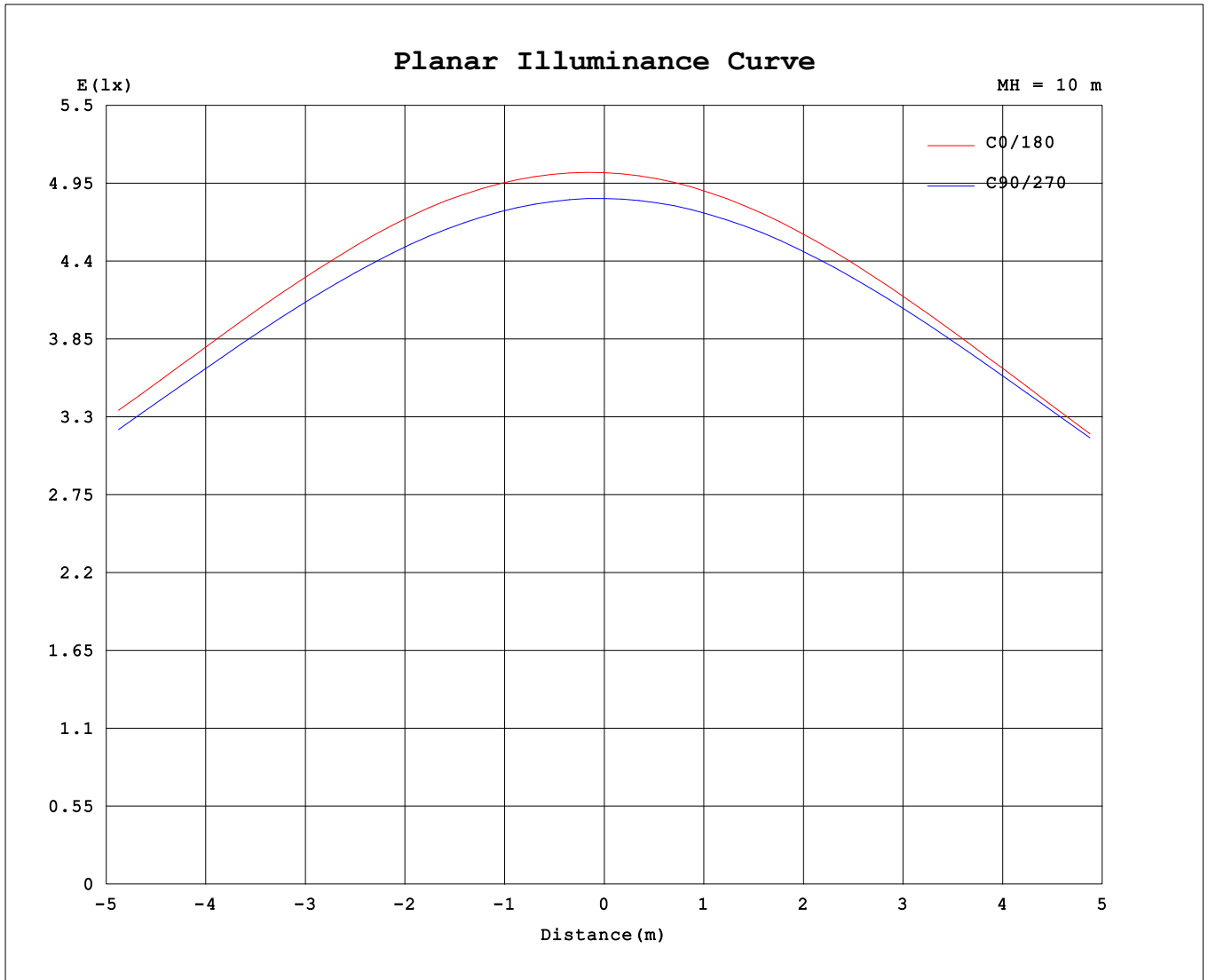
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 92533 |
| L_0~180 (75) av | 82146 |
| L_0~180 (85) av | 65526 |
| L_90~270 (65) av | 94854 |
| L_90~270 (75) av | 86840 |
| L_90~270 (85) av | 75160 |
| L_45 (65) av | 93910 |
| L_45 (75) av | 84439 |
| L_45 (85) av | 71417 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-08-04

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: 2023-08-04

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 | 503 | 502 | 498 | 497 | 489 | 485 | 484 | 484 | 486 | 487 | 491 | 495 | 503 | 502 | 498 | 497 | 489 | 485 | 484 |
| 5 | 503 | 503 | 499 | 498 | 490 | 486 | 483 | 482 | 482 | 483 | 485 | 489 | 498 | 497 | 494 | 493 | 484 | 482 | 482 |
| 10 | 500 | 500 | 497 | 495 | 488 | 483 | 479 | 477 | 476 | 475 | 477 | 479 | 490 | 488 | 486 | 485 | 476 | 475 | 476 |
| 15 | 492 | 492 | 490 | 488 | 482 | 476 | 471 | 468 | 466 | 464 | 464 | 466 | 478 | 476 | 474 | 474 | 465 | 464 | 467 |
| 20 | 480 | 479 | 477 | 477 | 472 | 466 | 460 | 455 | 452 | 449 | 448 | 449 | 462 | 460 | 459 | 459 | 451 | 450 | 454 |
| 25 | 464 | 465 | 463 | 462 | 459 | 453 | 446 | 440 | 435 | 431 | 429 | 430 | 442 | 440 | 440 | 440 | 433 | 433 | 438 |
| 30 | 447 | 448 | 446 | 444 | 440 | 436 | 428 | 421 | 415 | 410 | 407 | 406 | 420 | 418 | 418 | 419 | 411 | 413 | 419 |
| 35 | 424 | 426 | 425 | 423 | 419 | 415 | 407 | 399 | 392 | 386 | 381 | 380 | 393 | 392 | 393 | 394 | 387 | 389 | 396 |
| 40 | 398 | 400 | 399 | 399 | 396 | 390 | 382 | 374 | 365 | 359 | 353 | 350 | 364 | 362 | 364 | 365 | 359 | 362 | 370 |
| 45 | 367 | 370 | 370 | 370 | 368 | 361 | 353 | 345 | 335 | 329 | 321 | 318 | 332 | 330 | 332 | 334 | 328 | 332 | 340 |
| 50 | 334 | 338 | 337 | 337 | 338 | 331 | 321 | 312 | 303 | 295 | 287 | 284 | 296 | 295 | 298 | 299 | 294 | 299 | 308 |
| 55 | 298 | 301 | 300 | 301 | 303 | 297 | 286 | 276 | 267 | 258 | 250 | 247 | 258 | 257 | 260 | 262 | 258 | 262 | 273 |
| 60 | 258 | 261 | 261 | 262 | 265 | 259 | 249 | 239 | 227 | 219 | 211 | 207 | 218 | 217 | 220 | 222 | 219 | 224 | 234 |
| 65 | 216 | 218 | 218 | 219 | 224 | 218 | 208 | 197 | 186 | 177 | 169 | 166 | 175 | 174 | 178 | 180 | 177 | 182 | 193 |
| 70 | 171 | 173 | 173 | 174 | 179 | 175 | 164 | 154 | 142 | 135 | 127 | 124 | 131 | 131 | 134 | 136 | 135 | 139 | 150 |
| 75 | 125 | 127 | 127 | 127 | 132 | 130 | 119 | 110 | 98.3 | 92.1 | 86.0 | 83.7 | 87.5 | 87.4 | 90.4 | 91.9 | 91.7 | 95.7 | 106 |
| 80 | 79.8 | 81.6 | 81.0 | 81.2 | 86.4 | 85.5 | 76.0 | 67.5 | 58.1 | 53.4 | 49.5 | 47.6 | 47.5 | 47.7 | 50.0 | 51.2 | 51.6 | 54.6 | 62.8 |
| 85 | 39.4 | 40.8 | 40.4 | 40.4 | 45.7 | 45.6 | 38.8 | 32.8 | 26.8 | 24.9 | 23.2 | 22.7 | 17.7 | 17.8 | 19.5 | 19.6 | 20.3 | 21.4 | 26.7 |
| 90 | 11.7 | 12.7 | 12.5 | 12.5 | 18.2 | 19.1 | 13.2 | 14.1 | 12.6 | 12.6 | 13.1 | 13.4 | 4.37 | 4.69 | 5.25 | 5.27 | 5.26 | 4.73 | 4.64 |
| 95 | 3.25 | 3.55 | 3.61 | 3.50 | 9.59 | 11.6 | 3.93 | 2.55 | 8.65 | 11.0 | 12.5 | 13.6 | 3.43 | 3.53 | 3.59 | 3.39 | 2.85 | 2.29 | 2.08 |
| 100 | 1.94 | 1.96 | 1.92 | 1.86 | 2.34 | 3.37 | 2.21 | 1.97 | 2.00 | 5.23 | 11.2 | 12.9 | 2.78 | 2.68 | 2.50 | 2.33 | 2.25 | 2.26 | 2.13 |
| 105 | 1.87 | 1.89 | 1.91 | 1.99 | 7.43 | 3.64 | 2.13 | 2.12 | 2.16 | 2.24 | 5.04 | 12.2 | 2.40 | 2.38 | 2.38 | 2.40 | 2.49 | 2.51 | 2.41 |
| 110 | 2.14 | 2.15 | 2.18 | 2.28 | 6.99 | 8.10 | 2.43 | 2.42 | 2.46 | 2.48 | 2.54 | 6.51 | 2.59 | 2.60 | 2.64 | 2.68 | 2.76 | 2.79 | 2.75 |
| 115 | 2.43 | 2.44 | 2.48 | 2.56 | 2.52 | 2.60 | 2.69 | 2.72 | 2.76 | 2.77 | 2.76 | 2.83 | 2.88 | 2.89 | 2.93 | 2.97 | 3.04 | 3.12 | 3.07 |
| 120 | 2.72 | 2.73 | 2.78 | 2.80 | 2.78 | 2.89 | 2.96 | 3.04 | 3.07 | 3.08 | 3.06 | 3.02 | 3.16 | 3.18 | 3.22 | 3.25 | 3.34 | 3.43 | 3.37 |
| 125 | 3.01 | 3.00 | 3.03 | 3.09 | 3.06 | 3.16 | 3.24 | 3.35 | 3.37 | 3.38 | 3.36 | 3.33 | 3.45 | 3.47 | 3.50 | 3.54 | 3.64 | 3.74 | 3.67 |
| 130 | 3.31 | 3.32 | 3.33 | 3.39 | 3.35 | 3.43 | 3.53 | 3.66 | 3.68 | 3.68 | 3.66 | 3.65 | 3.73 | 3.76 | 3.79 | 3.84 | 3.93 | 4.04 | 3.96 |
| 135 | 3.61 | 3.63 | 3.63 | 3.69 | 3.64 | 3.72 | 3.82 | 3.95 | 3.99 | 3.98 | 3.96 | 3.96 | 4.01 | 4.04 | 4.08 | 4.12 | 4.20 | 4.32 | 4.24 |
| 140 | 3.91 | 3.91 | 3.94 | 3.99 | 3.94 | 4.01 | 4.12 | 4.24 | 4.29 | 4.28 | 4.25 | 4.25 | 4.27 | 4.30 | 4.34 | 4.39 | 4.46 | 4.57 | 4.50 |
| 145 | 4.20 | 4.22 | 4.24 | 4.28 | 4.22 | 4.31 | 4.40 | 4.97 | 4.57 | 4.56 | 4.52 | 4.54 | 4.54 | 4.57 | 4.60 | 4.64 | 4.70 | 4.80 | 4.73 |
| 150 | 4.49 | 4.53 | 4.54 | 4.57 | 4.62 | 4.68 | 4.79 | 4.84 | 4.84 | 4.83 | 4.79 | 4.82 | 4.80 | 4.82 | 4.84 | 4.88 | 4.93 | 5.01 | 4.96 |
| 155 | 4.79 | 4.81 | 4.82 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 | 4.84 |
| 160 | 5.07 | 5.07 | 5.08 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 |
| 165 | 5.34 | 5.33 | 5.32 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 | 5.33 |
| 170 | 5.57 | 5.56 | 5.53 | 5.55 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 | 5.54 |
| 175 | 5.76 | 5.74 | 5.72 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 | 5.73 |
| 180 | 5.89 | 5.86 | 5.84 | 5.84 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 | 5.81 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-08-04

□ 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 | 484 | 486 | 487 | 491 | 495 | | | | | | | | | | | | | | |
| 5 | 483 | 486 | 488 | 492 | 496 | | | | | | | | | | | | | | |
| 10 | 478 | 482 | 485 | 490 | 494 | | | | | | | | | | | | | | |
| 15 | 470 | 475 | 479 | 484 | 488 | | | | | | | | | | | | | | |
| 20 | 458 | 464 | 469 | 474 | 477 | | | | | | | | | | | | | | |
| 25 | 443 | 450 | 455 | 461 | 463 | | | | | | | | | | | | | | |
| 30 | 424 | 432 | 438 | 444 | 445 | | | | | | | | | | | | | | |
| 35 | 403 | 411 | 417 | 423 | 422 | | | | | | | | | | | | | | |
| 40 | 377 | 386 | 392 | 398 | 395 | | | | | | | | | | | | | | |
| 45 | 349 | 358 | 364 | 369 | 368 | | | | | | | | | | | | | | |
| 50 | 316 | 327 | 333 | 338 | 335 | | | | | | | | | | | | | | |
| 55 | 281 | 292 | 298 | 302 | 298 | | | | | | | | | | | | | | |
| 60 | 244 | 254 | 260 | 263 | 260 | | | | | | | | | | | | | | |
| 65 | 202 | 213 | 218 | 220 | 217 | | | | | | | | | | | | | | |
| 70 | 159 | 169 | 173 | 176 | 170 | | | | | | | | | | | | | | |
| 75 | 114 | 122 | 126 | 129 | 108 | | | | | | | | | | | | | | |
| 80 | 69.2 | 75.7 | 80.3 | 82.4 | 73.0 | | | | | | | | | | | | | | |
| 85 | 29.3 | 34.0 | 39.5 | 40.8 | 48.1 | | | | | | | | | | | | | | |
| 90 | 5.94 | 10.7 | 14.5 | 20.4 | 18.8 | | | | | | | | | | | | | | |
| 95 | 2.40 | 4.40 | 7.19 | 9.29 | 7.99 | | | | | | | | | | | | | | |
| 100 | 2.21 | 2.59 | 4.07 | 4.57 | 3.80 | | | | | | | | | | | | | | |
| 105 | 2.44 | 2.53 | 2.64 | 2.90 | 2.69 | | | | | | | | | | | | | | |
| 110 | 2.71 | 2.77 | 2.82 | 2.89 | 2.74 | | | | | | | | | | | | | | |
| 115 | 3.00 | 3.07 | 3.12 | 3.14 | 3.03 | | | | | | | | | | | | | | |
| 120 | 3.28 | 3.39 | 3.47 | 3.46 | 3.20 | | | | | | | | | | | | | | |
| 125 | 3.57 | 3.71 | 3.82 | 3.86 | 3.47 | | | | | | | | | | | | | | |
| 130 | 3.84 | 4.02 | 4.18 | 4.37 | 3.78 | | | | | | | | | | | | | | |
| 135 | 4.12 | 4.32 | 4.48 | 4.77 | 4.11 | | | | | | | | | | | | | | |
| 140 | 4.38 | 4.61 | 4.81 | 5.05 | 4.46 | | | | | | | | | | | | | | |
| 145 | 4.64 | 4.91 | 5.12 | 5.46 | 4.94 | | | | | | | | | | | | | | |
| 150 | 4.90 | 5.27 | 5.47 | 5.83 | 5.67 | | | | | | | | | | | | | | |
| 155 | 5.46 | 5.81 | 6.07 | 6.25 | 6.56 | | | | | | | | | | | | | | |
| 160 | 6.30 | 6.72 | 6.63 | 6.87 | 7.49 | | | | | | | | | | | | | | |
| 165 | 7.34 | 7.51 | 7.37 | 7.58 | 8.40 | | | | | | | | | | | | | | |
| 170 | 8.25 | 8.67 | 8.25 | 8.18 | 8.42 | | | | | | | | | | | | | | |
| 175 | 9.02 | 9.22 | 8.68 | 8.70 | 7.38 | | | | | | | | | | | | | | |
| 180 | 10.1 | 9.52 | 9.01 | 8.20 | 6.75 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-04

□ 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: