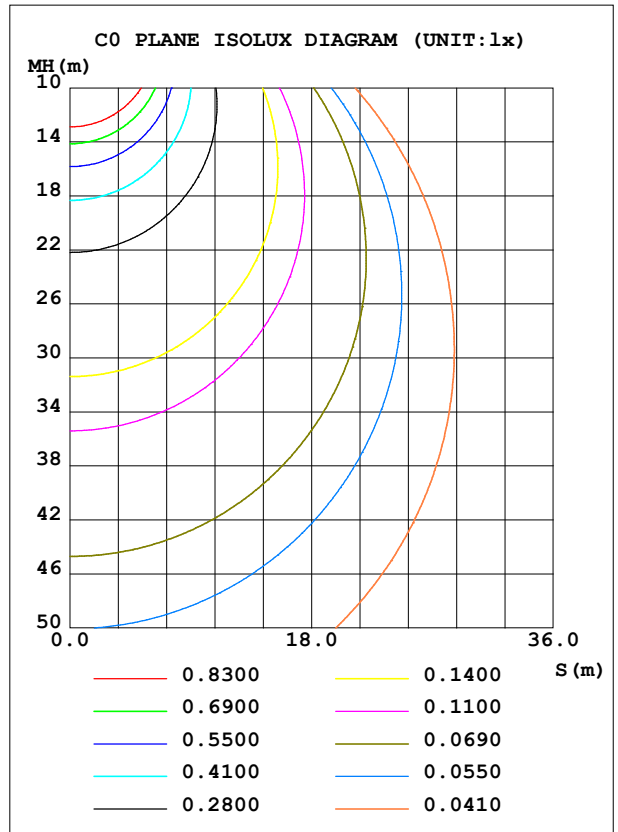
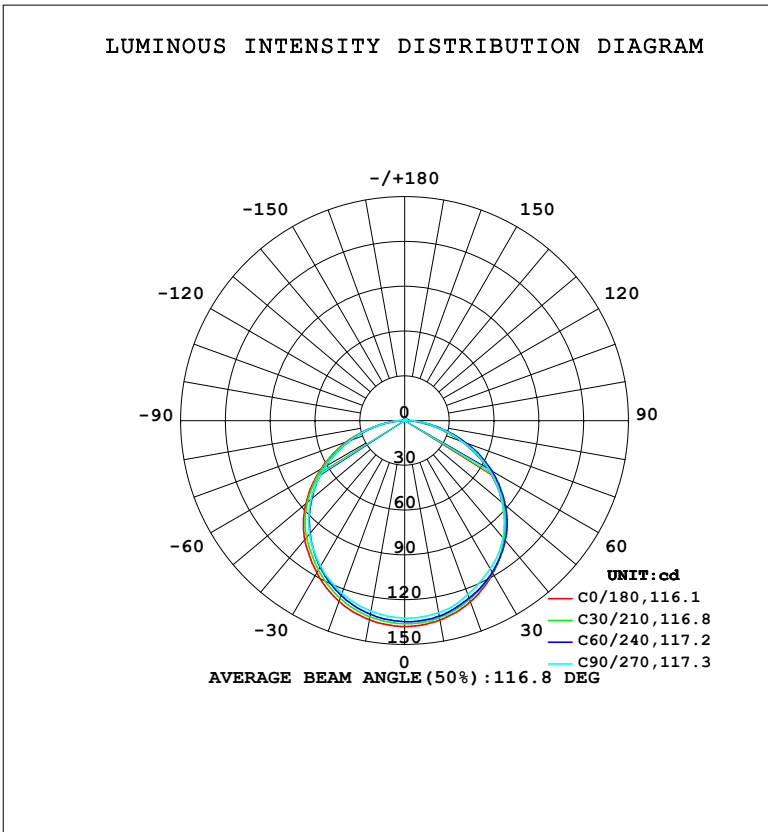


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 080LED | DIM.: 500*8*1.2MM | SERIAL No.: 20230808002 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|--------------------------------|---------|-----------------------------------|--------|--|----------|
| NOBBE-24 (WCP) -HR-JK-CV-UE-EP | | Imax (cd) | 137.9 | S/MH (C0/180) | 1.27 |
| NOMINAL POWER (W) | 2.28732 | LOR (%) | 100.0 | S/MH (C90/270) | 1.27 |
| RATED VOLTAGE (V) | DC 24V | TOTAL FLUX (lm) | 410.25 | <input type="checkbox"/> UP, DN (C0-180) | 1.0,48.7 |
| NOMINAL FLUX (lm) | 410.251 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.9,49.3 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 2.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | DC 24V | <input type="checkbox"/> down (%) | 98.0 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-12

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

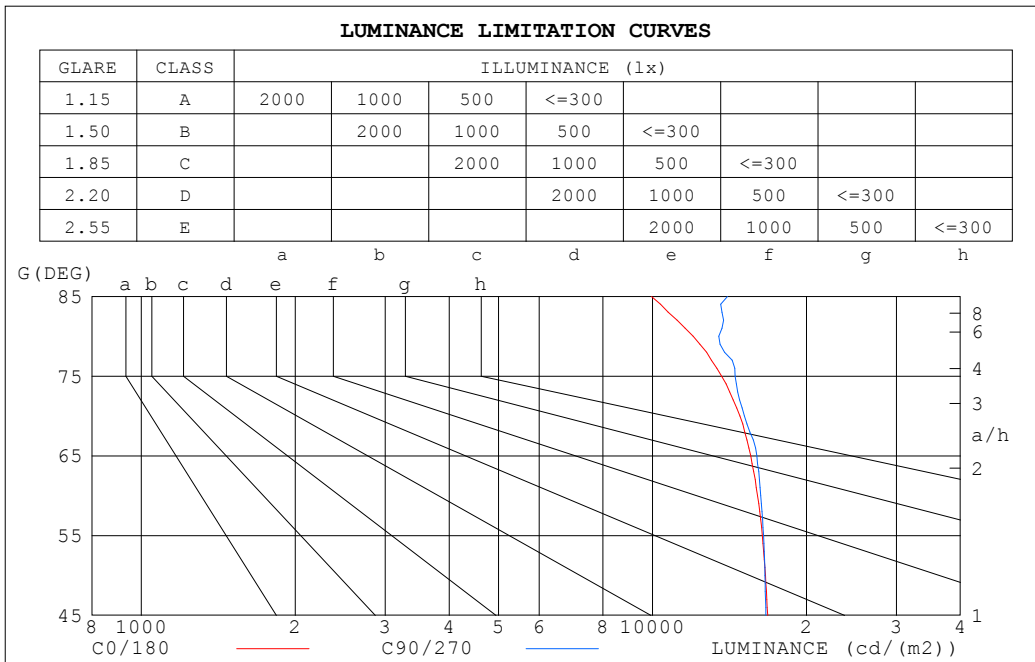
ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 135.7 | 133.6 | 130.7 | 128.5 | 135.5 | 132.7 | 129.6 | 131.2 | 0- 10 | 12.70 | 12.70 | 3.09,3.09 |
| 20 | 129.0 | 126.9 | 123.9 | 121.4 | 128.8 | 125.7 | 123.0 | 126.4 | 10- 20 | 36.47 | 49.17 | 12,12 |
| 30 | 118.3 | 117.5 | 114.5 | 110.8 | 117.7 | 114.7 | 112.7 | 117.5 | 20- 30 | 55.63 | 104.8 | 25.5,25.5 |
| 40 | 103.7 | 104.3 | 102.4 | 96.71 | 104.3 | 100.4 | 99.05 | 103.0 | 30- 40 | 67.97 | 172.8 | 42.1,42.1 |
| 50 | 85.49 | 87.23 | 85.31 | 79.62 | 86.41 | 83.87 | 81.94 | 86.92 | 40- 50 | 71.83 | 244.6 | 59.6,59.6 |
| 60 | 64.22 | 66.13 | 65.14 | 58.27 | 64.77 | 62.68 | 61.25 | 65.64 | 50- 60 | 66.11 | 310.7 | 75.7,75.7 |
| 70 | 40.55 | 42.32 | 41.41 | 35.46 | 41.19 | 39.20 | 39.16 | 43.88 | 60- 70 | 51.22 | 361.9 | 88.2,88.2 |
| 80 | 16.68 | 18.14 | 18.71 | 14.73 | 17.19 | 16.93 | 16.83 | 22.16 | 70- 80 | 30.13 | 392.1 | 95.6,95.6 |
| 90 | 1.494 | 2.602 | 3.624 | 4.048 | 1.542 | 2.267 | 0.8146 | 6.469 | 80- 90 | 10.17 | 402.2 | 98,98 |
| 100 | 0.6668 | 0.9149 | 0.5600 | 2.845 | 0.9767 | 1.120 | 0.5368 | 1.196 | 90-100 | 2.250 | 404.5 | 98.6,98.6 |
| 110 | 0.6689 | 0.6900 | 0.6423 | 1.211 | 1.046 | 0.8801 | 0.6950 | 0.7308 | 100-110 | 1.220 | 405.7 | 98.9,98.9 |
| 120 | 0.7878 | 0.8003 | 0.8000 | 0.8432 | 0.9520 | 0.8539 | 0.8702 | 0.8417 | 110-120 | 0.8816 | 406.6 | 99.1,99.1 |
| 130 | 0.9385 | 0.9548 | 0.9385 | 0.9854 | 1.000 | 0.9888 | 1.039 | 1.011 | 120-130 | 0.8242 | 407.4 | 99.3,99.3 |
| 140 | 1.100 | 1.124 | 1.097 | 1.153 | 1.140 | 1.144 | 1.197 | 1.187 | 130-140 | 0.8286 | 408.2 | 99.5,99.5 |
| 150 | 1.257 | 1.281 | 1.247 | 1.330 | 1.288 | 1.292 | 1.343 | 1.361 | 140-150 | 0.7754 | 409.0 | 99.7,99.7 |
| 160 | 1.410 | 1.419 | 1.383 | 1.501 | 1.431 | 1.423 | 1.471 | 1.524 | 150-160 | 0.6473 | 409.7 | 99.9,99.9 |
| 170 | 1.539 | 1.538 | 1.559 | 1.686 | 1.556 | 1.533 | 1.575 | 1.657 | 160-170 | 0.4363 | 410.1 | 100,100 |
| 180 | 1.618 | 1.603 | 1.624 | 1.732 | 1.620 | 1.599 | 1.629 | 1.734 | 170-180 | 0.1570 | 410.3 | 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:2023-08-12

□ 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



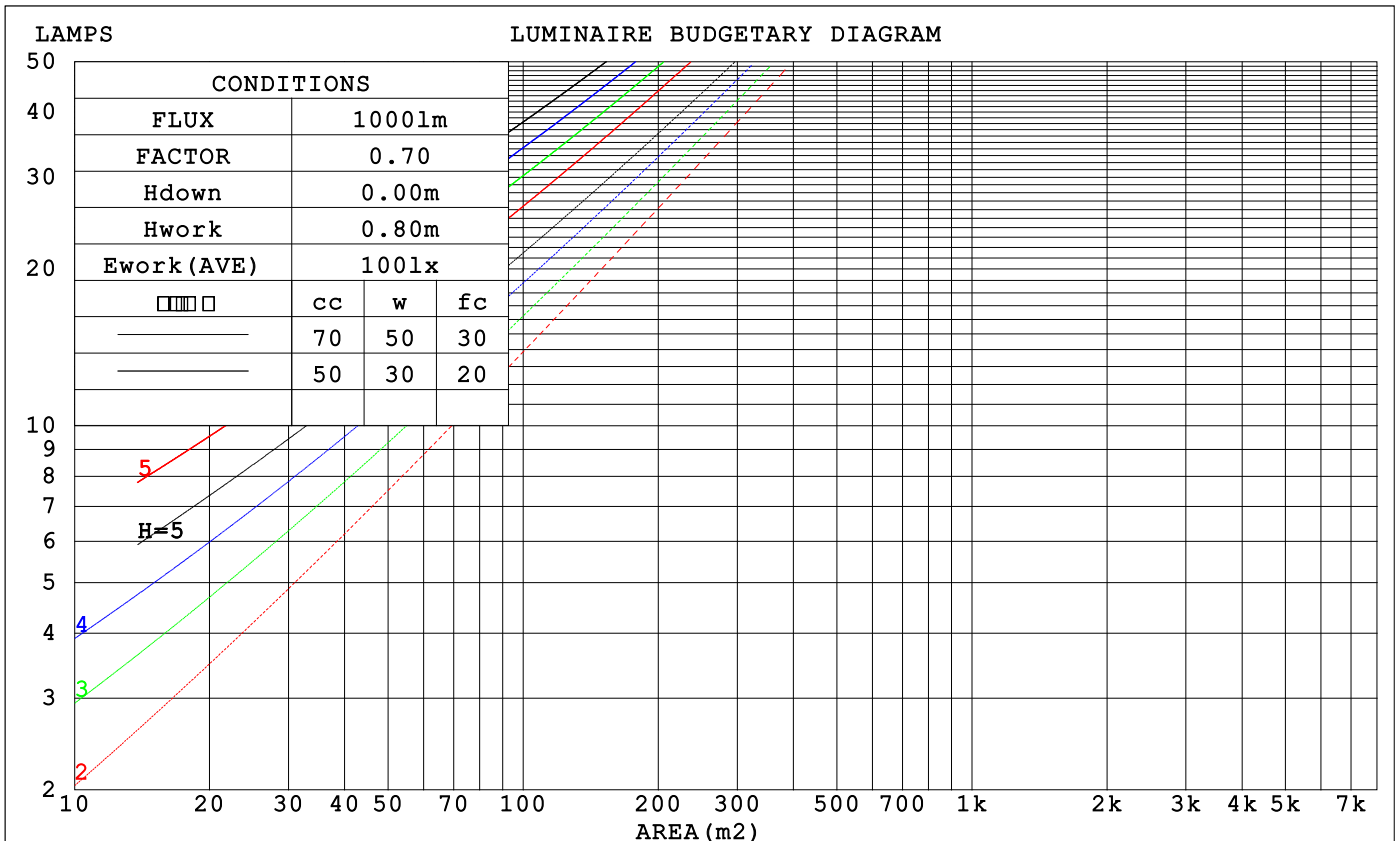
| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 9960 | 14009 |
| 80 | 12006 | 13472 |
| 75 | 13653 | 14503 |
| 70 | 14820 | 15134 |
| 65 | 15566 | 16002 |
| 60 | 16055 | 16286 |
| 55 | 16396 | 16484 |
| 50 | 16625 | 16590 |
| 45 | 16796 | 16663 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-12

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 | 1.19 | 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 | .67 | .61 | .70 | .64 | .60 | .67 | .63 | .58 | .56 |
| 4.0 | .69 | .60 | .53 | .68 | .59 | .53 | .65 | .58 | .52 | .62 | .56 | .51 | .60 | .54 | .50 | .48 |
| 5.0 | .62 | .52 | .46 | .60 | .52 | .45 | .58 | .50 | .45 | .56 | .49 | .44 | .54 | .48 | .43 | .41 |
| 6.0 | .55 | .46 | .40 | .54 | .46 | .39 | .52 | .45 | .39 | .50 | .44 | .38 | .49 | .43 | .38 | .36 |
| 7.0 | .50 | .41 | .35 | .49 | .41 | .35 | .47 | .40 | .34 | .46 | .39 | .34 | .44 | .38 | .34 | .32 |
| 8.0 | .46 | .37 | .31 | .45 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .30 | .41 | .35 | .30 | .28 |
| 9.0 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .39 | .31 | .25 | .38 | .30 | .25 | .37 | .30 | .25 | .36 | .29 | .25 | .35 | .29 | .25 | .23 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-12

□ 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 | .320 | .182 | .058 | .312 | .178 | .057 | .297 | .171 | .055 | .284 | .164 | .053 | .272 | .158 | .051 | |
| 1.0 | .298 | .163 | .050 | .291 | .160 | .049 | .278 | .155 | .048 | .267 | .150 | .047 | .256 | .145 | .046 | |
| 2.0 | .274 | .146 | .044 | .268 | .144 | .043 | .257 | .139 | .042 | .247 | .135 | .041 | .237 | .131 | .041 | |
| 3.0 | .253 | .131 | .039 | .247 | .129 | .038 | .237 | .126 | .038 | .228 | .122 | .037 | .219 | .119 | .036 | |
| 4.0 | .233 | .119 | .034 | .228 | .117 | .034 | .219 | .114 | .034 | .211 | .111 | .033 | .203 | .108 | .033 | |
| 5.0 | .216 | .108 | .031 | .211 | .107 | .031 | .203 | .104 | .030 | .196 | .102 | .030 | .189 | .099 | .030 | |
| 6.0 | .200 | .099 | .028 | .197 | .098 | .028 | .189 | .096 | .028 | .183 | .094 | .027 | .176 | .092 | .027 | |
| 7.0 | .187 | .091 | .026 | .184 | .090 | .026 | .177 | .088 | .025 | .171 | .087 | .025 | .165 | .085 | .025 | |
| 8.0 | .175 | .085 | .024 | .172 | .084 | .024 | .166 | .082 | .023 | .161 | .081 | .023 | .155 | .079 | .023 | |
| 9.0 | .165 | .079 | .022 | .162 | .078 | .022 | .156 | .077 | .022 | .151 | .075 | .021 | .147 | .074 | .021 | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .156 | .077 | .022 | .151 | .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 | .205 | .205 | .205 | .176 | .176 | .176 | .120 | .120 | .120 | .069 | .069 | .069 | .022 | .022 | .022 | |
| 1.0 | .196 | .171 | .149 | .168 | .147 | .128 | .115 | .101 | .088 | .066 | .058 | .051 | .021 | .019 | .017 | |
| 2.0 | .188 | .147 | .112 | .161 | .127 | .097 | .110 | .088 | .068 | .064 | .051 | .040 | .020 | .016 | .013 | |
| 3.0 | .181 | .130 | .089 | .155 | .112 | .077 | .106 | .078 | .054 | .061 | .045 | .032 | .020 | .015 | .010 | |
| 4.0 | .173 | .116 | .073 | .148 | .101 | .063 | .102 | .070 | .045 | .059 | .041 | .026 | .019 | .013 | .009 | |
| 5.0 | .165 | .106 | .062 | .142 | .092 | .054 | .098 | .064 | .038 | .057 | .038 | .023 | .018 | .012 | .007 | |
| 6.0 | .158 | .098 | .054 | .136 | .085 | .047 | .094 | .059 | .033 | .054 | .035 | .020 | .018 | .011 | .007 | |
| 7.0 | .151 | .091 | .048 | .130 | .079 | .042 | .090 | .055 | .030 | .052 | .033 | .018 | .017 | .011 | .006 | |
| 8.0 | .145 | .085 | .044 | .125 | .074 | .038 | .086 | .052 | .027 | .050 | .031 | .016 | .016 | .010 | .005 | |
| 9.0 | .139 | .080 | .041 | .120 | .070 | .035 | .083 | .049 | .025 | .048 | .029 | .015 | .016 | .009 | .005 | |
| 10.0 | .133 | .076 | .038 | .115 | .066 | .033 | .080 | .046 | .023 | .046 | .027 | .014 | .015 | .009 | .005 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-12

□ 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 | 25.7 | 27.3 | 26.0 | 27.5 | 27.7 | 25.9 | 27.4 | 26.2 | 27.7 | 27.9 |
| 3H | 27.3 | 28.7 | 27.6 | 29.0 | 29.2 | 27.6 | 29.0 | 27.9 | 29.2 | 29.5 |
| 4H | 27.9 | 29.2 | 28.3 | 29.5 | 29.8 | 28.2 | 29.6 | 28.6 | 29.8 | 30.1 |
| 6H | 28.3 | 29.6 | 28.7 | 29.9 | 30.2 | 28.7 | 30.0 | 29.1 | 30.3 | 30.6 |
| 8H | 28.5 | 29.7 | 28.8 | 30.0 | 30.3 | 28.9 | 30.1 | 29.3 | 30.4 | 30.8 |
| 12H | 28.5 | 29.7 | 28.9 | 30.0 | 30.4 | 29.0 | 30.2 | 29.4 | 30.5 | 30.9 |
| 4H 2H | 26.4 | 27.7 | 26.7 | 28.0 | 28.3 | 26.5 | 27.9 | 26.9 | 28.2 | 28.5 |
| 3H | 28.1 | 29.3 | 28.5 | 29.6 | 30.0 | 28.4 | 29.6 | 28.8 | 29.9 | 30.2 |
| 4H | 28.9 | 29.9 | 29.3 | 30.3 | 30.7 | 29.2 | 30.3 | 29.6 | 30.6 | 31.0 |
| 6H | 29.4 | 30.4 | 29.8 | 30.7 | 31.2 | 29.8 | 30.8 | 30.3 | 31.2 | 31.6 |
| 8H | 29.6 | 30.5 | 30.0 | 30.9 | 31.3 | 30.1 | 31.0 | 30.5 | 31.4 | 31.8 |
| 12H | 29.7 | 30.5 | 30.1 | 30.9 | 31.4 | 30.3 | 31.1 | 30.7 | 31.5 | 32.0 |
| 8H 4H | 29.2 | 30.1 | 29.6 | 30.5 | 30.9 | 29.5 | 30.3 | 29.9 | 30.8 | 31.2 |
| 6H | 29.9 | 30.6 | 30.3 | 31.0 | 31.5 | 30.3 | 31.0 | 30.8 | 31.5 | 31.9 |
| 8H | 30.1 | 30.8 | 30.6 | 31.2 | 31.7 | 30.6 | 31.3 | 31.1 | 31.7 | 32.2 |
| 12H | 30.3 | 30.9 | 30.8 | 31.3 | 31.9 | 30.9 | 31.5 | 31.5 | 32.0 | 32.5 |
| 12H 4H | 29.2 | 30.0 | 29.7 | 30.4 | 30.9 | 29.5 | 30.3 | 29.9 | 30.7 | 31.2 |
| 6H | 29.9 | 30.6 | 30.4 | 31.0 | 31.5 | 30.3 | 31.0 | 30.8 | 31.4 | 31.9 |
| 8H | 30.2 | 30.8 | 30.7 | 31.3 | 31.8 | 30.7 | 31.3 | 31.2 | 31.8 | 32.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.5 | | | | |

CIE Pub.117, 410.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.1)
 Area: 0.008 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-12

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:

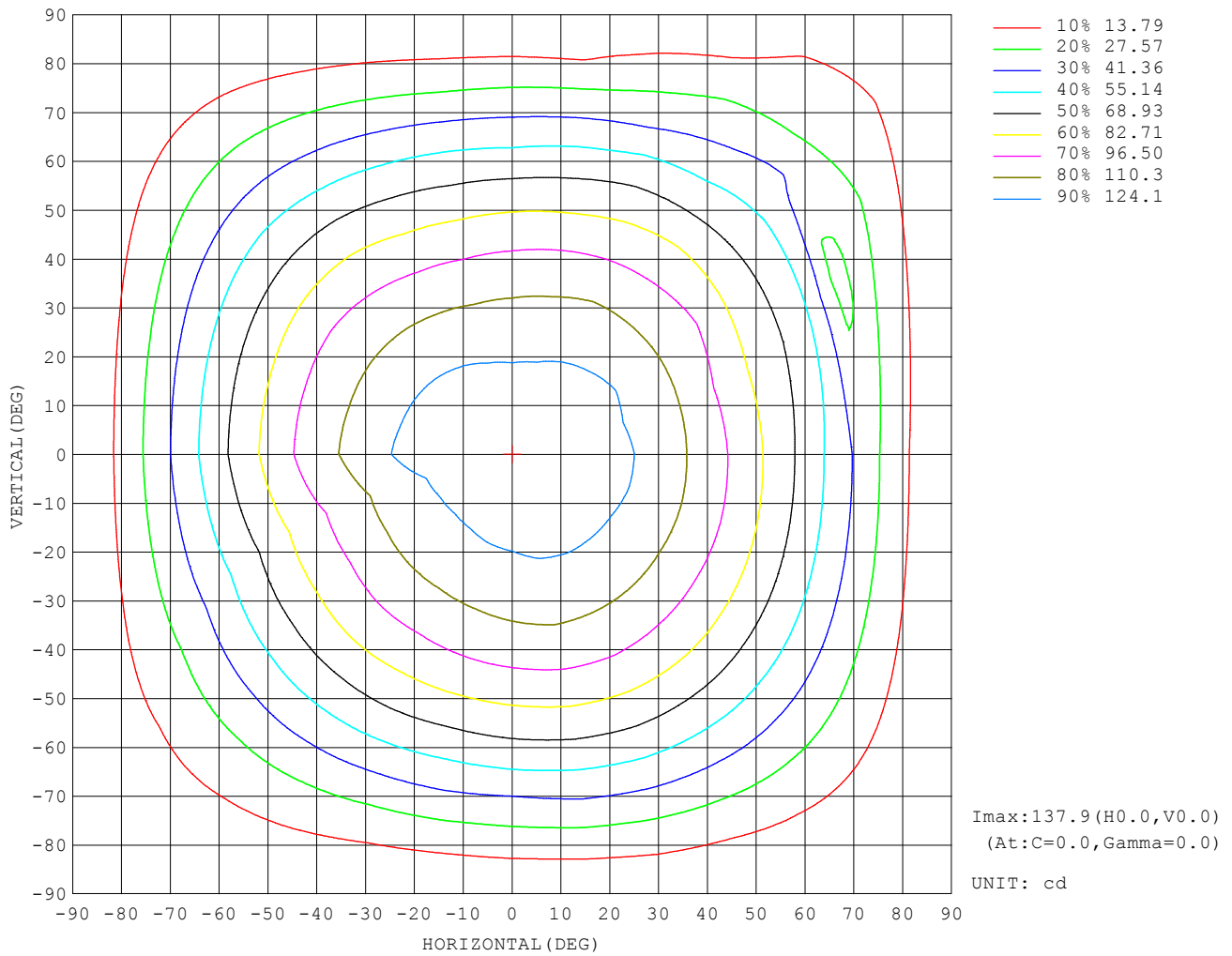
UTILIZATION FACTORS TABLE

| 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 43 | 37 | 30 |
| 0.80 | 66 | 54 | 47 | 65 | 54 | 46 | 63 | 53 | 46 | 39 |
| 1.00 | 74 | 63 | 56 | 73 | 62 | 55 | 71 | 64 | 55 | 47 |
| 1.25 | 82 | 71 | 63 | 80 | 70 | 63 | 77 | 68 | 62 | 54 |
| 1.50 | 87 | 76 | 69 | 85 | 75 | 69 | 82 | 73 | 67 | 59 |
| 2.00 | 94 | 85 | 78 | 92 | 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 | 85 | 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: 2023-08-12

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:

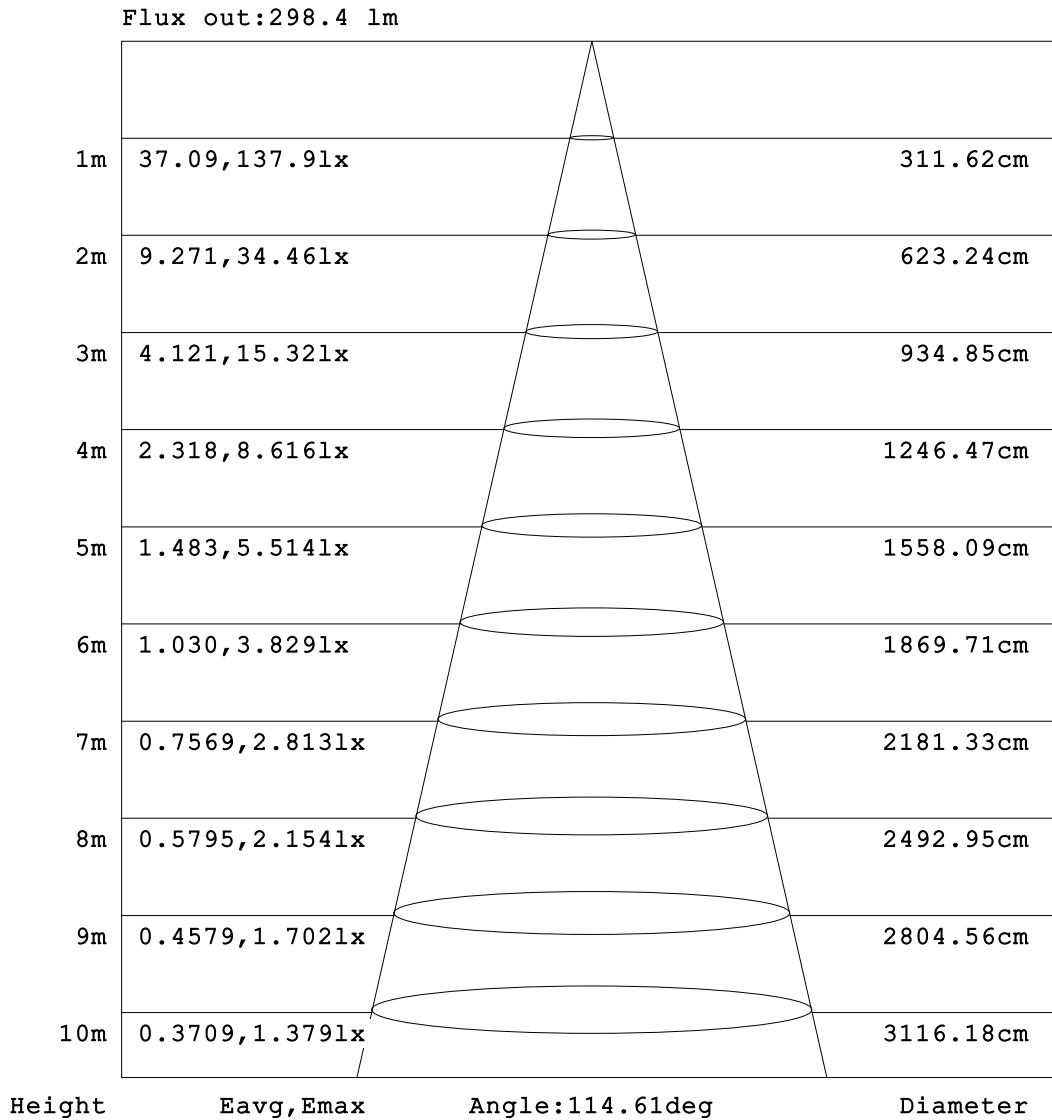
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-12

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

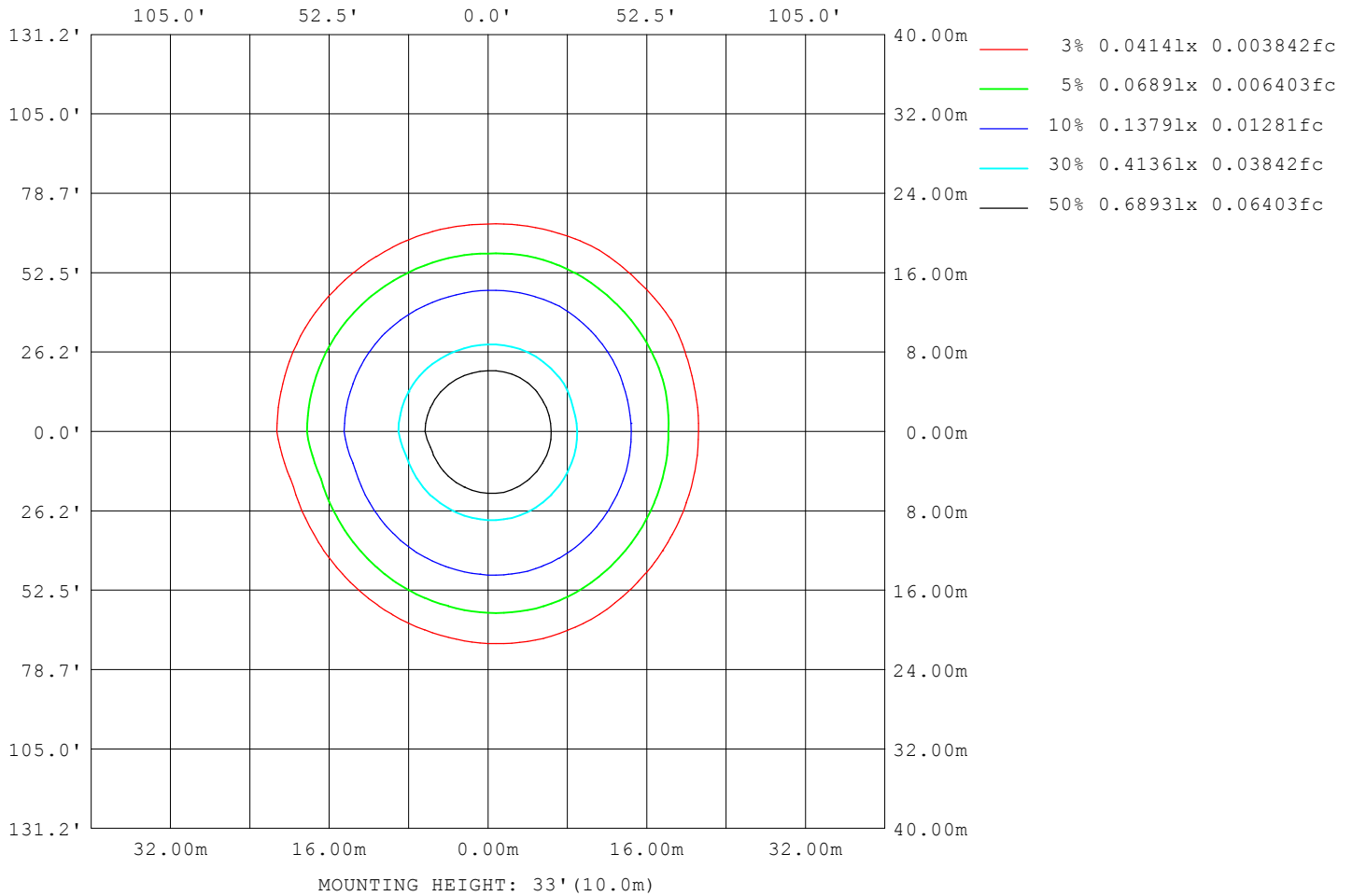


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-12

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: 2023-08-12

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.: 2835 080LED | DIM.: 500*8*1.2MM | SERIAL No.: 20230808002 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

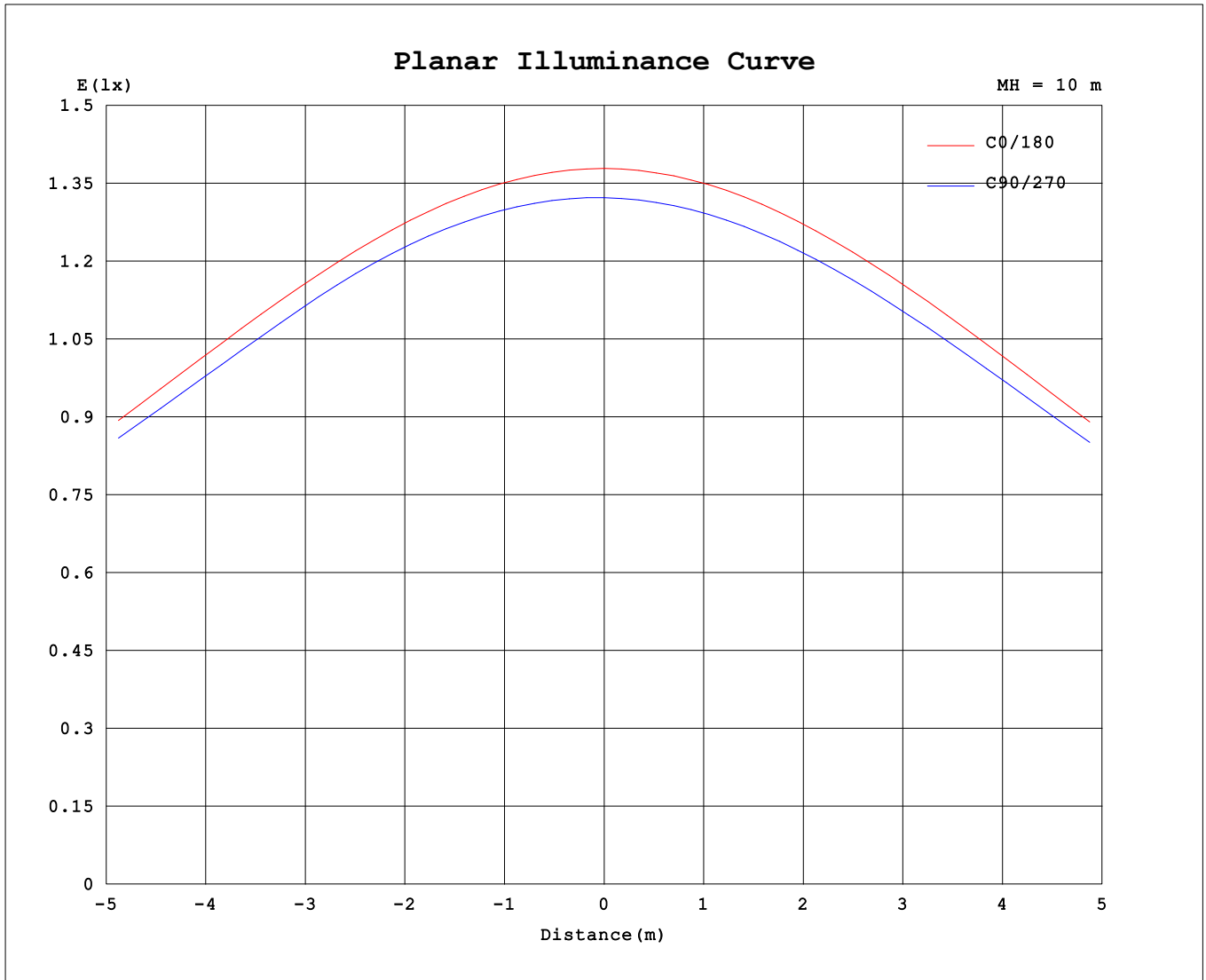
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 15650 |
| L_0~180 (75) av | 13823 |
| L_0~180 (85) av | 10257 |
| L_90~270 (65) av | 15409 |
| L_90~270 (75) av | 13965 |
| L_90~270 (85) av | 12272 |
| L_45 (65) av | 15277 |
| L_45 (75) av | 13945 |
| L_45 (85) av | 12482 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-08-12

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: 2023-08-12

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 | 138 | 137 | 136 | 135 | 135 | 134 | 132 | 132 | 131 | 132 | 133 | 134 | 138 | 137 | 136 | 135 | 135 | 134 | 132 |
| 5 | 137 | 137 | 136 | 135 | 134 | 133 | 132 | 131 | 131 | 131 | 132 | 133 | 137 | 136 | 135 | 135 | 134 | 133 | 131 |
| 10 | 136 | 135 | 134 | 134 | 133 | 132 | 131 | 130 | 129 | 128 | 129 | 130 | 135 | 135 | 133 | 133 | 132 | 131 | 130 |
| 15 | 133 | 133 | 131 | 131 | 130 | 130 | 128 | 127 | 126 | 125 | 126 | 127 | 133 | 132 | 131 | 130 | 129 | 128 | 127 |
| 20 | 129 | 129 | 127 | 127 | 126 | 126 | 124 | 123 | 122 | 121 | 122 | 122 | 129 | 127 | 127 | 126 | 125 | 123 | 123 |
| 25 | 124 | 124 | 123 | 123 | 122 | 121 | 119 | 118 | 117 | 117 | 116 | 117 | 124 | 122 | 122 | 121 | 119 | 118 | 118 |
| 30 | 118 | 118 | 118 | 117 | 117 | 117 | 115 | 113 | 111 | 111 | 110 | 111 | 118 | 116 | 116 | 115 | 113 | 112 | 113 |
| 35 | 111 | 112 | 111 | 111 | 112 | 111 | 109 | 107 | 105 | 104 | 103 | 103 | 111 | 110 | 109 | 108 | 106 | 106 | 106 |
| 40 | 104 | 104 | 104 | 104 | 105 | 105 | 102 | 100 | 97.6 | 96.7 | 95.2 | 96.0 | 104 | 103 | 102 | 100 | 98.7 | 98.0 | 99.1 |
| 45 | 95.0 | 95.6 | 95.5 | 96.1 | 97.1 | 96.5 | 94.3 | 92.0 | 89.6 | 88.8 | 87.4 | 87.8 | 96.0 | 95.0 | 94.4 | 92.7 | 90.3 | 89.7 | 90.9 |
| 50 | 85.5 | 86.1 | 86.3 | 87.2 | 88.1 | 87.6 | 85.3 | 82.9 | 80.9 | 79.6 | 78.1 | 78.4 | 86.4 | 85.5 | 85.1 | 83.9 | 81.2 | 80.5 | 81.9 |
| 55 | 75.2 | 75.8 | 76.1 | 77.2 | 78.2 | 78.0 | 75.6 | 72.9 | 71.1 | 69.1 | 67.8 | 67.8 | 76.1 | 75.2 | 74.8 | 73.7 | 71.7 | 70.7 | 71.8 |
| 60 | 64.2 | 64.6 | 65.0 | 66.1 | 67.6 | 67.3 | 65.1 | 62.3 | 60.4 | 58.3 | 56.9 | 57.0 | 64.8 | 64.3 | 63.8 | 62.7 | 61.2 | 61.1 | 61.2 |
| 65 | 52.6 | 52.9 | 53.4 | 54.4 | 56.1 | 56.0 | 54.1 | 51.3 | 49.1 | 46.9 | 45.6 | 45.7 | 53.2 | 52.8 | 52.4 | 50.9 | 50.1 | 50.1 | 50.1 |
| 70 | 40.6 | 41.0 | 41.2 | 42.3 | 44.0 | 44.4 | 41.4 | 40.2 | 37.1 | 35.5 | 34.0 | 34.4 | 41.2 | 40.9 | 40.2 | 39.2 | 38.7 | 38.4 | 39.2 |
| 75 | 28.3 | 28.7 | 28.9 | 30.0 | 31.6 | 32.2 | 30.0 | 28.5 | 25.8 | 24.4 | 23.2 | 23.5 | 29.0 | 28.7 | 28.6 | 28.0 | 27.4 | 26.8 | 27.8 |
| 80 | 16.7 | 17.0 | 17.2 | 18.1 | 19.9 | 20.1 | 18.7 | 17.4 | 15.5 | 14.7 | 13.9 | 14.0 | 17.2 | 17.1 | 17.2 | 16.9 | 16.7 | 16.3 | 16.8 |
| 85 | 6.94 | 7.23 | 7.36 | 8.31 | 10.2 | 10.5 | 9.77 | 8.88 | 7.95 | 7.64 | 7.00 | 6.94 | 7.36 | 7.31 | 7.73 | 7.58 | 7.62 | 7.19 | 7.35 |
| 90 | 1.49 | 1.64 | 1.87 | 2.60 | 4.21 | 4.49 | 3.62 | 4.18 | 4.24 | 4.05 | 3.69 | 3.58 | 1.54 | 1.58 | 2.00 | 2.27 | 2.25 | 2.07 | 0.81 |
| 95 | 0.87 | 0.91 | 1.05 | 1.47 | 2.81 | 3.06 | 0.54 | 3.13 | 3.50 | 2.89 | 3.47 | 3.52 | 1.01 | 1.07 | 1.48 | 1.45 | 1.13 | 0.84 | 0.52 |
| 100 | 0.67 | 0.64 | 0.69 | 0.91 | 2.14 | 2.54 | 0.56 | 0.58 | 2.96 | 2.85 | 3.26 | 3.56 | 0.98 | 0.99 | 1.33 | 1.12 | 1.00 | 0.57 | 0.54 |
| 105 | 0.63 | 0.63 | 0.63 | 0.67 | 1.84 | 2.20 | 0.62 | 0.58 | 0.81 | 2.77 | 2.74 | 3.25 | 1.00 | 0.94 | 1.12 | 1.09 | 0.78 | 0.60 | 0.61 |
| 110 | 0.67 | 0.69 | 0.68 | 0.69 | 1.13 | 0.66 | 0.64 | 0.64 | 0.72 | 1.21 | 2.24 | 2.79 | 1.05 | 0.97 | 1.01 | 0.88 | 0.71 | 0.68 | 0.69 |
| 115 | 0.73 | 0.74 | 0.74 | 0.74 | 0.72 | 0.76 | 0.72 | 0.72 | 0.73 | 0.85 | 1.31 | 2.21 | 1.01 | 0.94 | 0.89 | 0.81 | 0.78 | 0.77 | 0.78 |
| 120 | 0.79 | 0.81 | 0.79 | 0.80 | 0.80 | 0.83 | 0.80 | 0.80 | 0.80 | 0.84 | 0.93 | 1.18 | 0.95 | 0.92 | 0.89 | 0.85 | 0.85 | 0.85 | 0.87 |
| 125 | 0.86 | 0.87 | 0.87 | 0.88 | 0.85 | 0.86 | 0.86 | 0.88 | 0.88 | 0.90 | 0.93 | 0.95 | 0.94 | 0.93 | 0.93 | 0.92 | 0.93 | 0.93 | 0.96 |
| 130 | 0.94 | 0.95 | 0.95 | 0.95 | 0.93 | 0.94 | 0.94 | 0.96 | 0.95 | 0.99 | 0.98 | 0.98 | 1.00 | 0.99 | 0.99 | 0.99 | 1.01 | 1.02 | 1.04 |
| 135 | 1.02 | 1.04 | 1.03 | 1.04 | 1.01 | 1.03 | 1.02 | 1.04 | 1.03 | 1.07 | 1.05 | 1.04 | 1.07 | 1.06 | 1.07 | 1.07 | 1.09 | 1.10 | 1.12 |
| 140 | 1.10 | 1.12 | 1.11 | 1.12 | 1.10 | 1.11 | 1.10 | 1.12 | 1.12 | 1.15 | 1.14 | 1.12 | 1.14 | 1.13 | 1.14 | 1.14 | 1.17 | 1.18 | 1.20 |
| 145 | 1.18 | 1.21 | 1.19 | 1.20 | 1.17 | 1.19 | 1.17 | 1.19 | 1.21 | 1.24 | 1.22 | 1.19 | 1.21 | 1.20 | 1.22 | 1.22 | 1.24 | 1.25 | 1.27 |
| 150 | 1.26 | 1.28 | 1.27 | 1.28 | 1.25 | 1.26 | 1.25 | 1.26 | 1.30 | 1.33 | 1.32 | 1.29 | 1.29 | 1.28 | 1.29 | 1.29 | 1.31 | 1.32 | 1.34 |
| 155 | 1.34 | 1.36 | 1.34 | 1.35 | 1.32 | 1.33 | 1.32 | 1.34 | 1.38 | 1.41 | 1.41 | 1.40 | 1.36 | 1.35 | 1.36 | 1.36 | 1.38 | 1.39 | 1.41 |
| 160 | 1.41 | 1.43 | 1.41 | 1.42 | 1.39 | 1.40 | 1.38 | 1.40 | 1.46 | 1.50 | 1.50 | 1.52 | 1.43 | 1.41 | 1.43 | 1.42 | 1.44 | 1.45 | 1.47 |
| 165 | 1.48 | 1.49 | 1.48 | 1.48 | 1.45 | 1.50 | 1.51 | 1.55 | 1.55 | 1.59 | 1.60 | 1.64 | 1.50 | 1.47 | 1.49 | 1.48 | 1.50 | 1.50 | 1.53 |
| 170 | 1.54 | 1.55 | 1.53 | 1.54 | 1.52 | 1.55 | 1.56 | 1.60 | 1.62 | 1.69 | 1.70 | 1.78 | 1.56 | 1.53 | 1.54 | 1.53 | 1.55 | 1.55 | 1.57 |
| 175 | 1.58 | 1.59 | 1.57 | 1.58 | 1.57 | 1.59 | 1.60 | 1.64 | 1.66 | 1.72 | 1.80 | 1.95 | 1.60 | 1.58 | 1.58 | 1.57 | 1.59 | 1.59 | 1.61 |
| 180 | 1.62 | 1.61 | 1.60 | 1.60 | 1.60 | 1.61 | 1.62 | 1.65 | 1.68 | 1.73 | 1.84 | 2.07 | 1.62 | 1.60 | 1.60 | 1.60 | 1.60 | 1.61 | 1.63 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-08-12

□ 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 | 132 | 131 | 132 | 133 | 134 | | | | | | | | | | | | | | |
| 5 | 131 | 131 | 132 | 133 | 135 | | | | | | | | | | | | | | |
| 10 | 129 | 130 | 131 | 133 | 134 | | | | | | | | | | | | | | |
| 15 | 127 | 128 | 129 | 131 | 132 | | | | | | | | | | | | | | |
| 20 | 124 | 125 | 126 | 128 | 128 | | | | | | | | | | | | | | |
| 25 | 119 | 121 | 122 | 124 | 123 | | | | | | | | | | | | | | |
| 30 | 114 | 116 | 118 | 117 | 117 | | | | | | | | | | | | | | |
| 35 | 108 | 110 | 111 | 111 | 111 | | | | | | | | | | | | | | |
| 40 | 101 | 103 | 103 | 104 | 102 | | | | | | | | | | | | | | |
| 45 | 92.7 | 94.2 | 95.4 | 96.7 | 92.5 | | | | | | | | | | | | | | |
| 50 | 83.4 | 85.6 | 86.9 | 86.0 | 84.0 | | | | | | | | | | | | | | |
| 55 | 73.6 | 76.4 | 76.1 | 76.0 | 74.4 | | | | | | | | | | | | | | |
| 60 | 63.6 | 65.4 | 65.6 | 66.4 | 66.0 | | | | | | | | | | | | | | |
| 65 | 51.8 | 54.7 | 54.4 | 56.4 | 53.0 | | | | | | | | | | | | | | |
| 70 | 40.3 | 40.7 | 43.9 | 45.0 | 28.6 | | | | | | | | | | | | | | |
| 75 | 28.4 | 29.4 | 33.2 | 34.4 | 33.0 | | | | | | | | | | | | | | |
| 80 | 15.9 | 20.1 | 22.2 | 20.5 | 24.6 | | | | | | | | | | | | | | |
| 85 | 7.76 | 10.4 | 11.3 | 15.0 | 14.3 | | | | | | | | | | | | | | |
| 90 | 3.03 | 4.72 | 6.47 | 7.37 | 6.69 | | | | | | | | | | | | | | |
| 95 | 0.68 | 1.75 | 3.03 | 3.80 | 3.38 | | | | | | | | | | | | | | |
| 100 | 0.61 | 0.65 | 1.20 | 1.76 | 1.83 | | | | | | | | | | | | | | |
| 105 | 0.59 | 0.69 | 0.75 | 0.89 | 1.13 | | | | | | | | | | | | | | |
| 110 | 0.67 | 0.68 | 0.73 | 0.81 | 1.00 | | | | | | | | | | | | | | |
| 115 | 0.76 | 0.76 | 0.77 | 0.82 | 0.95 | | | | | | | | | | | | | | |
| 120 | 0.85 | 0.85 | 0.84 | 0.89 | 0.99 | | | | | | | | | | | | | | |
| 125 | 0.93 | 0.93 | 0.93 | 0.97 | 1.08 | | | | | | | | | | | | | | |
| 130 | 1.01 | 1.01 | 1.01 | 1.06 | 1.18 | | | | | | | | | | | | | | |
| 135 | 1.09 | 1.10 | 1.10 | 1.15 | 1.29 | | | | | | | | | | | | | | |
| 140 | 1.17 | 1.18 | 1.19 | 1.25 | 1.41 | | | | | | | | | | | | | | |
| 145 | 1.25 | 1.26 | 1.27 | 1.35 | 1.57 | | | | | | | | | | | | | | |
| 150 | 1.33 | 1.34 | 1.36 | 1.45 | 1.78 | | | | | | | | | | | | | | |
| 155 | 1.40 | 1.42 | 1.45 | 1.54 | 2.00 | | | | | | | | | | | | | | |
| 160 | 1.46 | 1.49 | 1.52 | 1.66 | 2.09 | | | | | | | | | | | | | | |
| 165 | 1.52 | 1.56 | 1.60 | 1.72 | 2.00 | | | | | | | | | | | | | | |
| 170 | 1.57 | 1.62 | 1.66 | 1.76 | 2.03 | | | | | | | | | | | | | | |
| 175 | 1.62 | 1.66 | 1.70 | 1.81 | 2.09 | | | | | | | | | | | | | | |
| 180 | 1.64 | 1.68 | 1.73 | 1.83 | 2.11 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-08-12

□ 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: