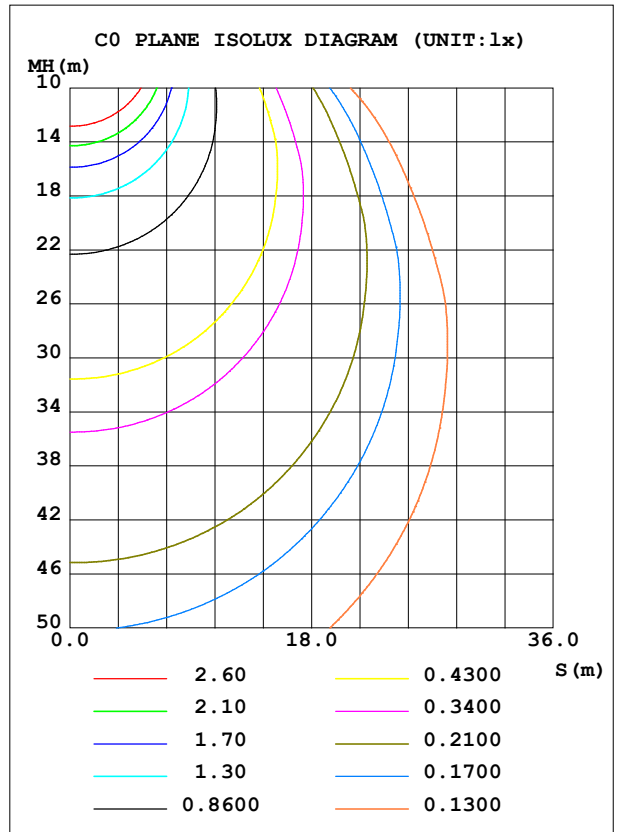
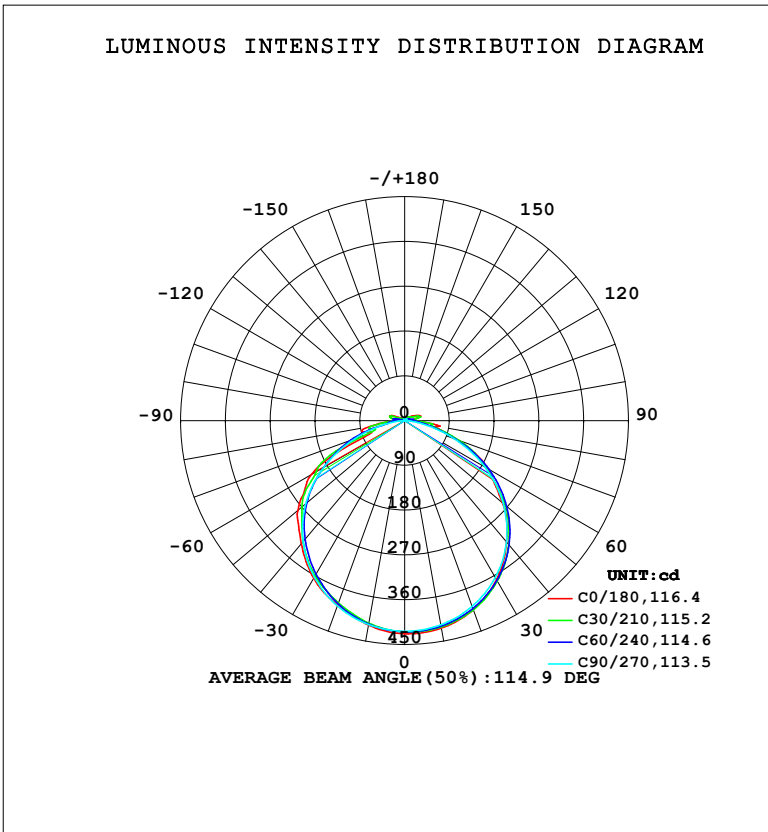


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|---------------------------------|---------|------------------|--------|--------------------------|-----------|
| WNO5EE-24 (WCP) -UR-DK-CV-UE-EP | | Imax (cd) | 431.8 | S/MH (C0/180) | 1.27 |
| NOMINAL POWER (W) | 7.3803 | LOR (%) | 100.0 | S/MH (C90/270) | 1.28 |
| RATED VOLTAGE (V) | DC 24V | TOTAL FLUX (lm) | 1304.9 | η UP, DN (C0-180) | 2.6, 47.7 |
| NOMINAL FLUX (lm) | 1304.94 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 2.5, 47.3 |
| LAMPS INSIDE | 1 | η up (%) | 5.1 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | DC 24V | η down (%) | 94.9 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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:

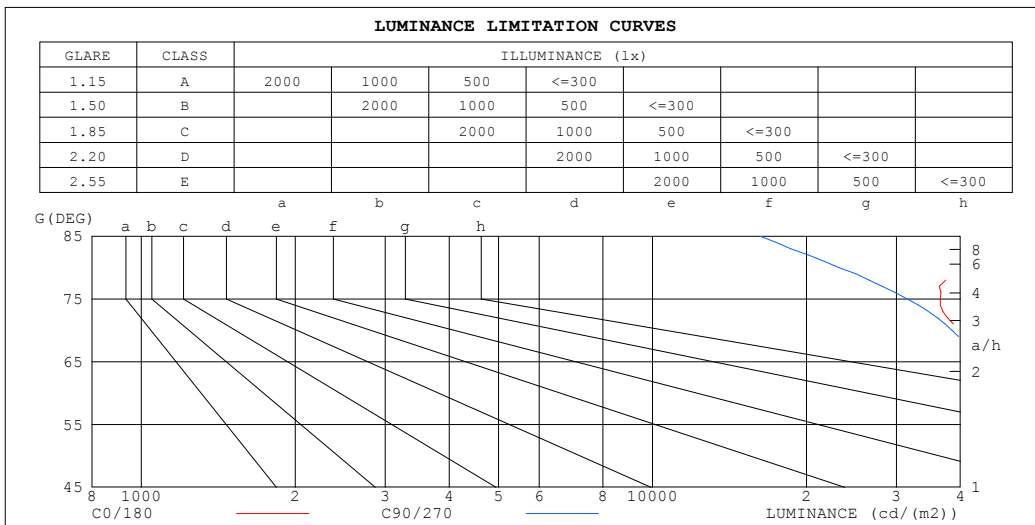
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 423.5 | 420.3 | 416.9 | 415.5 | 417.3 | 413.3 | 416.2 | 421.3 | 0- 10 | 40.29 | 40.29 | 3.09,3.09 |
| 20 | 404.2 | 403.4 | 397.2 | 391.8 | 394.6 | 389.0 | 396.1 | 403.7 | 10- 20 | 115.6 | 155.9 | 11.9,11.9 |
| 30 | 369.1 | 372.9 | 364.3 | 359.6 | 365.9 | 356.5 | 363.0 | 372.6 | 20- 30 | 176.6 | 332.5 | 25.5,25.5 |
| 40 | 318.7 | 327.3 | 318.2 | 317.3 | 323.1 | 315.1 | 317.7 | 326.5 | 30- 40 | 215.3 | 547.8 | 42,42 |
| 50 | 256.1 | 267.2 | 258.5 | 261.4 | 280.1 | 259.8 | 259.6 | 261.6 | 40- 50 | 226.0 | 773.7 | 59.3,59.3 |
| 60 | 192.3 | 189.3 | 186.2 | 199.1 | 216.6 | 199.1 | 187.8 | 186.1 | 50- 60 | 205.1 | 978.8 | 75,75 |
| 70 | 109.6 | 114.6 | 105.5 | 114.4 | 70.66 | 117.5 | 107.3 | 111.9 | 60- 70 | 147.8 | 1127 | 86.3,86.3 |
| 80 | 69.28 | 48.20 | 32.20 | 58.76 | 72.75 | 55.68 | 34.08 | 46.84 | 70- 80 | 77.94 | 1205 | 92.3,92.3 |
| 90 | 17.25 | 16.44 | 2.650 | 17.10 | 19.30 | 17.60 | 2.902 | 16.89 | 80- 90 | 34.25 | 1239 | 94.9,94.9 |
| 100 | 22.00 | 26.05 | 1.444 | 27.93 | 24.44 | 26.90 | 1.504 | 26.36 | 90-100 | 16.54 | 1255 | 96.2,96.2 |
| 110 | 30.92 | 17.10 | 1.942 | 14.92 | 30.07 | 14.42 | 2.035 | 17.89 | 100-110 | 20.77 | 1276 | 97.8,97.8 |
| 120 | 18.51 | 10.43 | 2.476 | 4.036 | 12.50 | 3.894 | 2.586 | 10.88 | 110-120 | 11.89 | 1288 | 98.7,98.7 |
| 130 | 12.24 | 7.845 | 2.996 | 3.039 | 4.230 | 3.104 | 3.105 | 8.321 | 120-130 | 6.066 | 1294 | 99.2,99.2 |
| 140 | 9.921 | 5.229 | 3.500 | 3.520 | 3.508 | 3.553 | 3.595 | 5.723 | 130-140 | 4.041 | 1298 | 99.5,99.5 |
| 150 | 5.857 | 3.994 | 3.981 | 4.054 | 3.952 | 4.007 | 4.053 | 4.340 | 140-150 | 2.933 | 1301 | 99.7,99.7 |
| 160 | 4.423 | 4.392 | 4.404 | 4.548 | 4.394 | 4.404 | 4.450 | 4.732 | 150-160 | 2.030 | 1303 | 99.9,99.9 |
| 170 | 4.765 | 4.737 | 4.768 | 5.026 | 4.777 | 4.747 | 4.784 | 5.088 | 160-170 | 1.346 | 1304 | 100,100 |
| 180 | 4.986 | 4.949 | 4.973 | 5.256 | 4.973 | 4.949 | 4.970 | 5.290 | 170-180 | 0.4826 | 1305 | 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:2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|---------------------------|------------------------------|--------------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |



| LUMINANCE cd/ (m2) | | |
|--------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 55841 | 16256 |
| 80 | 49873 | 23178 |
| 75 | 36573 | 31503 |
| 70 | 40058 | 38540 |
| 65 | 46279 | 43336 |
| 60 | 48074 | 46539 |
| 55 | 48181 | 48782 |
| 50 | 49799 | 50267 |
| 45 | 51394 | 51276 |

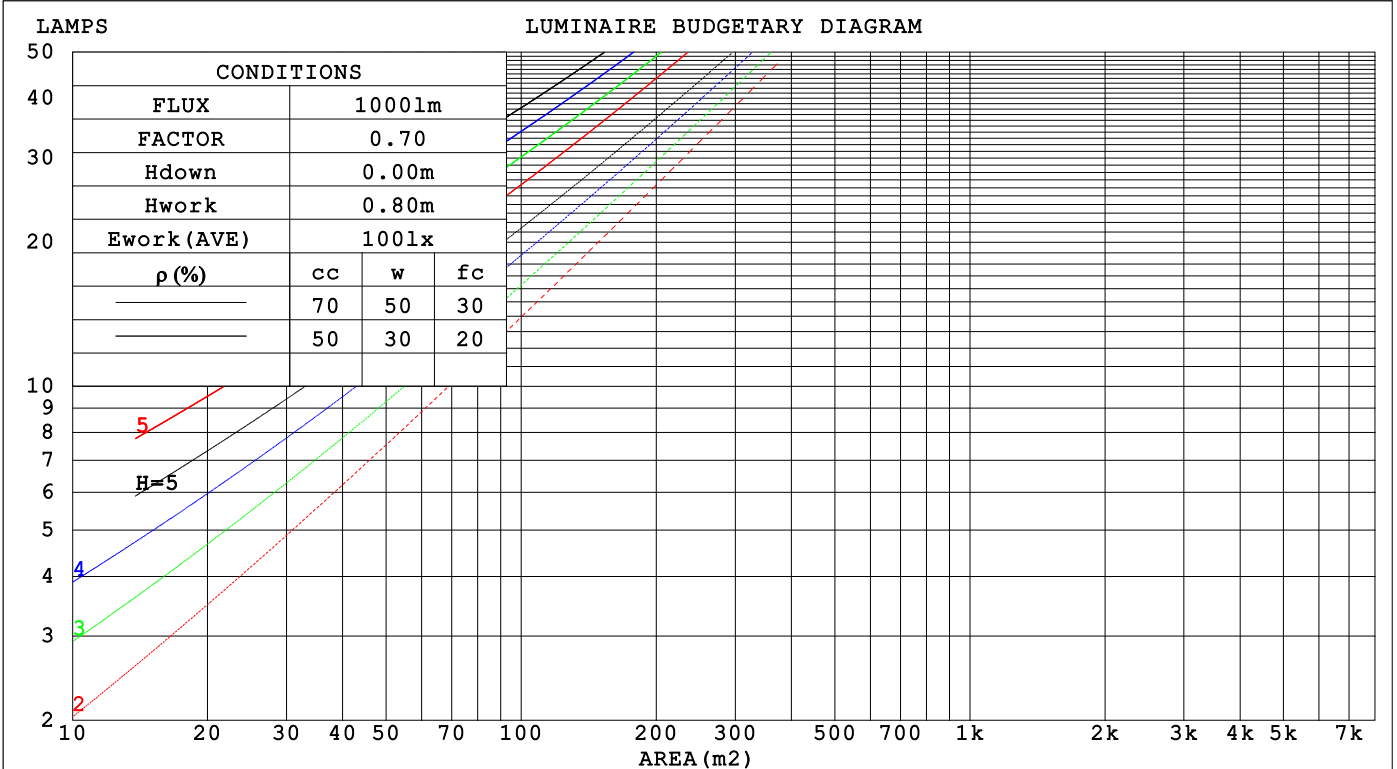
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| p _w | 0 | | | | | | | | | | | | | | | |
| p _{fc} | 0 | | | | | | | | | | | | | | | |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |
| | Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.18 | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | .97 | .97 | .97 | .95 |
| 1.0 | 1.03 | .98 | .94 | .90 | .96 | .92 | .95 | .91 | .88 | .90 | .87 | .85 | .85 | .83 | .81 | .79 |
| 2.0 | .89 | .82 | .77 | .87 | .81 | .75 | .83 | .77 | .73 | .79 | .74 | .70 | .75 | .71 | .68 | .66 |
| 3.0 | .78 | .70 | .64 | .76 | .69 | .63 | .73 | .66 | .61 | .69 | .64 | .59 | .66 | .62 | .58 | .55 |
| 4.0 | .69 | .61 | .54 | .68 | .60 | .53 | .65 | .58 | .52 | .62 | .56 | .51 | .59 | .54 | .50 | .47 |
| 5.0 | .62 | .53 | .46 | .60 | .52 | .46 | .58 | .50 | .45 | .55 | .49 | .44 | .53 | .47 | .43 | .41 |
| 6.0 | .56 | .47 | .40 | .54 | .46 | .40 | .52 | .45 | .39 | .50 | .43 | .38 | .48 | .42 | .38 | .36 |
| 7.0 | .50 | .42 | .36 | .49 | .41 | .35 | .47 | .40 | .35 | .45 | .39 | .34 | .44 | .38 | .33 | .31 |
| 8.0 | .46 | .37 | .32 | .45 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .30 | .40 | .34 | .30 | .28 |
| 9.0 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .38 | .32 | .27 | .37 | .31 | .27 | .25 |
| 10.0 | .39 | .31 | .26 | .38 | .31 | .25 | .37 | .30 | .25 | .35 | .29 | .25 | .34 | .29 | .24 | .23 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .312 | .178 | .056 | .304 | .173 | .055 | .288 | .165 | .053 | .273 | .157 | .050 | .259 | .150 | .048 | |
| 2.0 | .291 | .159 | .049 | .283 | .156 | .048 | .269 | .149 | .046 | .255 | .143 | .045 | .243 | .138 | .043 | |
| 3.0 | .268 | .143 | .043 | .261 | .140 | .042 | .249 | .135 | .041 | .237 | .130 | .040 | .226 | .125 | .039 | |
| 4.0 | .247 | .129 | .038 | .241 | .126 | .037 | .230 | .122 | .036 | .219 | .118 | .036 | .209 | .114 | .035 | |
| 5.0 | .229 | .117 | .034 | .223 | .115 | .033 | .213 | .111 | .033 | .203 | .107 | .032 | .194 | .104 | .031 | |
| 6.0 | .212 | .106 | .030 | .207 | .105 | .030 | .198 | .101 | .030 | .189 | .098 | .029 | .181 | .095 | .028 | |
| 7.0 | .198 | .098 | .028 | .193 | .096 | .027 | .185 | .093 | .027 | .177 | .091 | .026 | .170 | .088 | .026 | |
| 8.0 | .184 | .090 | .025 | .181 | .089 | .025 | .173 | .086 | .025 | .166 | .084 | .024 | .159 | .082 | .024 | |
| 9.0 | .173 | .084 | .023 | .169 | .083 | .023 | .162 | .080 | .023 | .156 | .078 | .022 | .150 | .076 | .022 | |
| 10.0 | .163 | .078 | .022 | .159 | .077 | .021 | .153 | .075 | .021 | .147 | .073 | .021 | .141 | .071 | .020 | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .229 | .229 | .229 | .196 | .196 | .196 | .134 | .134 | .134 | .077 | .077 | .077 | .025 | .025 | .025 | |
| 1.0 | .219 | .195 | .173 | .188 | .167 | .149 | .128 | .115 | .103 | .074 | .067 | .060 | .024 | .021 | .019 | |
| 2.0 | .211 | .171 | .137 | .181 | .147 | .119 | .124 | .102 | .083 | .072 | .059 | .049 | .023 | .019 | .016 | |
| 3.0 | .204 | .154 | .114 | .174 | .133 | .099 | .120 | .092 | .069 | .069 | .054 | .041 | .022 | .017 | .013 | |
| 4.0 | .196 | .141 | .098 | .168 | .121 | .085 | .116 | .085 | .060 | .067 | .050 | .036 | .022 | .016 | .012 | |
| 5.0 | .189 | .130 | .087 | .162 | .113 | .076 | .112 | .079 | .054 | .065 | .046 | .032 | .021 | .015 | .010 | |
| 6.0 | .182 | .122 | .079 | .156 | .106 | .069 | .108 | .074 | .049 | .062 | .043 | .029 | .020 | .014 | .010 | |
| 7.0 | .175 | .115 | .073 | .150 | .100 | .064 | .104 | .070 | .045 | .060 | .041 | .027 | .020 | .013 | .009 | |
| 8.0 | .168 | .109 | .069 | .145 | .095 | .060 | .100 | .067 | .043 | .058 | .039 | .025 | .019 | .013 | .008 | |
| 9.0 | .162 | .105 | .065 | .140 | .091 | .057 | .097 | .064 | .040 | .056 | .038 | .024 | .018 | .012 | .008 | |
| 10.0 | .157 | .100 | .063 | .135 | .087 | .055 | .094 | .061 | .039 | .055 | .036 | .023 | .018 | .012 | .008 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | | | | | | | | | | |
|---|--------|-----------------------|------|------|------|------|-------------------------|------|------|------|------|
| NAME: LED Strip | | TYPE: Indoor lighting | | | | | WEIGHT: 20g | | | | |
| SPEC.: 2835 160LED | | DIM.: 500*8*1.2MM | | | | | SERIAL No.: 20231007005 | | | | |
| MFR.: EVERFINE | | SUR.: 500*8MM | | | | | 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 | | 25.3 | 26.7 | 25.6 | 27.0 | 27.3 | 25.3 | 26.8 | 25.7 | 27.1 | 27.4 |
| | 3H | 26.7 | 28.0 | 27.1 | 28.4 | 28.7 | 26.7 | 28.0 | 27.0 | 28.3 | 28.7 |
| | 4H | 27.2 | 28.4 | 27.6 | 28.8 | 29.1 | 27.1 | 28.4 | 27.5 | 28.7 | 29.1 |
| | 6H | 27.7 | 28.9 | 28.1 | 29.3 | 29.7 | 27.3 | 28.5 | 27.7 | 28.9 | 29.2 |
| | 8H | 28.2 | 29.3 | 28.6 | 29.7 | 30.1 | 27.3 | 28.5 | 27.7 | 28.8 | 29.2 |
| | 12H | 28.5 | 29.6 | 28.9 | 30.0 | 30.4 | 27.3 | 28.4 | 27.7 | 28.8 | 29.2 |
| | 4H 2H | 25.8 | 27.1 | 26.2 | 27.4 | 27.8 | 25.9 | 27.1 | 26.3 | 27.5 | 27.8 |
| | 3H | 27.4 | 28.5 | 27.9 | 28.9 | 29.3 | 27.4 | 28.5 | 27.8 | 28.9 | 29.3 |
| | 4H | 28.0 | 29.0 | 28.5 | 29.5 | 29.9 | 27.9 | 28.9 | 28.4 | 29.3 | 29.8 |
| | 6H | 28.7 | 29.6 | 29.2 | 30.1 | 30.5 | 28.2 | 29.1 | 28.7 | 29.6 | 30.0 |
| | 8H | 29.3 | 30.2 | 29.8 | 30.6 | 31.1 | 28.3 | 29.1 | 28.8 | 29.6 | 30.1 |
| | 12H | 29.8 | 30.5 | 30.3 | 31.0 | 31.5 | 28.3 | 29.1 | 28.8 | 29.6 | 30.1 |
| | 8H 4H | 28.2 | 29.1 | 28.7 | 29.5 | 30.0 | 28.1 | 29.0 | 28.6 | 29.4 | 29.9 |
| | 6H | 29.1 | 29.8 | 29.7 | 30.3 | 30.8 | 28.6 | 29.3 | 29.1 | 29.8 | 30.3 |
| | 8H | 29.9 | 30.6 | 30.5 | 31.1 | 31.6 | 28.7 | 29.3 | 29.3 | 29.9 | 30.4 |
| | 12H | 30.6 | 31.1 | 31.1 | 31.6 | 32.2 | 28.8 | 29.4 | 29.4 | 29.9 | 30.5 |
| | 12H 4H | 28.2 | 29.0 | 28.7 | 29.5 | 30.0 | 28.1 | 28.9 | 28.7 | 29.4 | 29.9 |
| | 6H | 29.2 | 29.8 | 29.7 | 30.3 | 30.9 | 28.7 | 29.3 | 29.2 | 29.8 | 30.4 |
| | 8H | 30.1 | 30.6 | 30.6 | 31.2 | 31.7 | 28.9 | 29.4 | 29.4 | 29.9 | 30.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.5 | | | | |
| 2.0H | | + 0.3 / - 0.4 | | | | | + 0.2 / - 0.4 | | | | |

CIE Pub.117, 1305 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)
 Area: 0.008 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

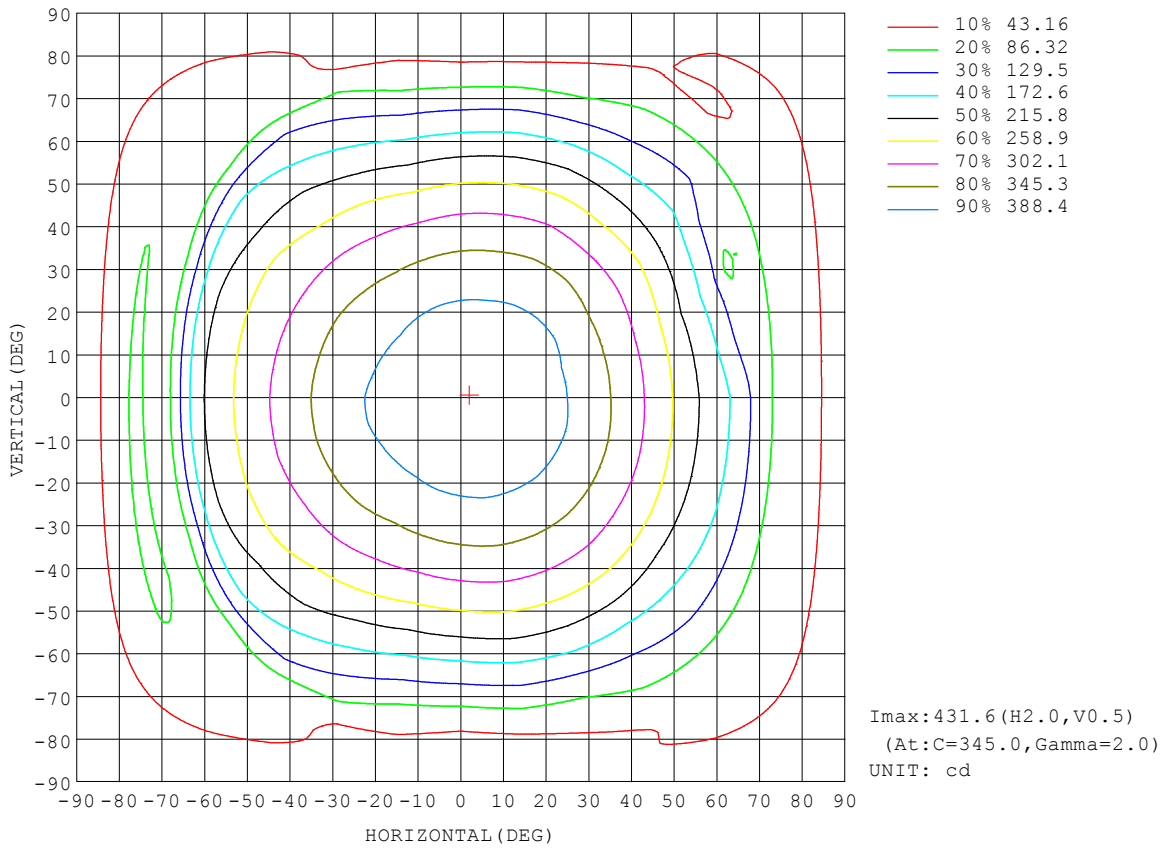
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 56 | 44 | 37 | 55 | 44 | 37 | 53 | 43 | 37 | 30 |
| 0.80 | 66 | 54 | 46 | 64 | 53 | 46 | 62 | 52 | 46 | 39 |
| 1.00 | 74 | 63 | 55 | 73 | 62 | 55 | 70 | 63 | 54 | 47 |
| 1.25 | 81 | 70 | 63 | 80 | 70 | 63 | 76 | 68 | 62 | 54 |
| 1.50 | 86 | 76 | 69 | 84 | 75 | 68 | 81 | 73 | 67 | 59 |
| 2.00 | 93 | 84 | 78 | 91 | 83 | 77 | 87 | 80 | 75 | 66 |
| 2.50 | 97 | 89 | 83 | 95 | 87 | 82 | 90 | 84 | 79 | 70 |
| 3.00 | 100 | 93 | 87 | 98 | 91 | 86 | 93 | 88 | 83 | 74 |
| 4.00 | 104 | 98 | 94 | 102 | 96 | 92 | 97 | 92 | 89 | 78 |
| 5.00 | 107 | 102 | 97 | 104 | 99 | 96 | 99 | 95 | 92 | 81 |
| 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: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

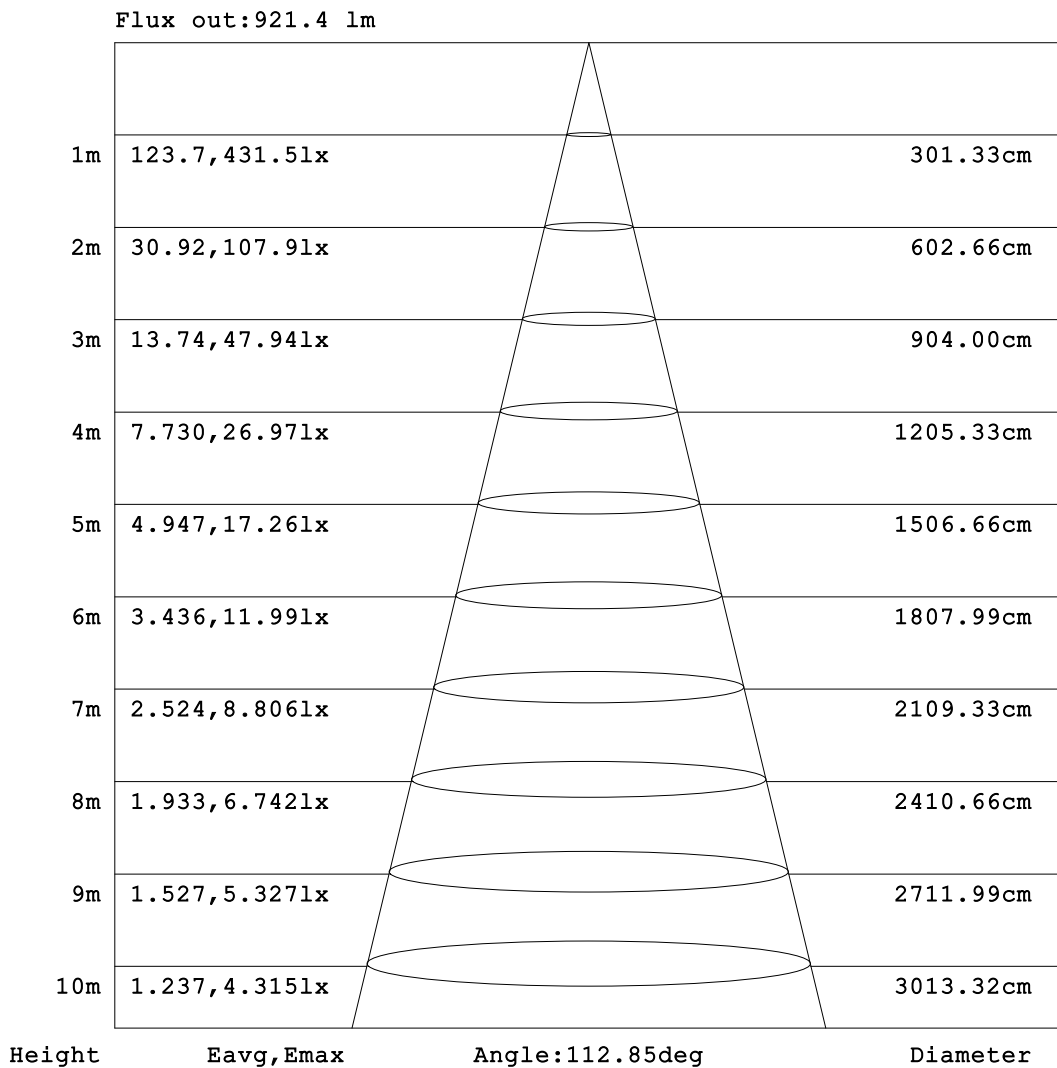


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |



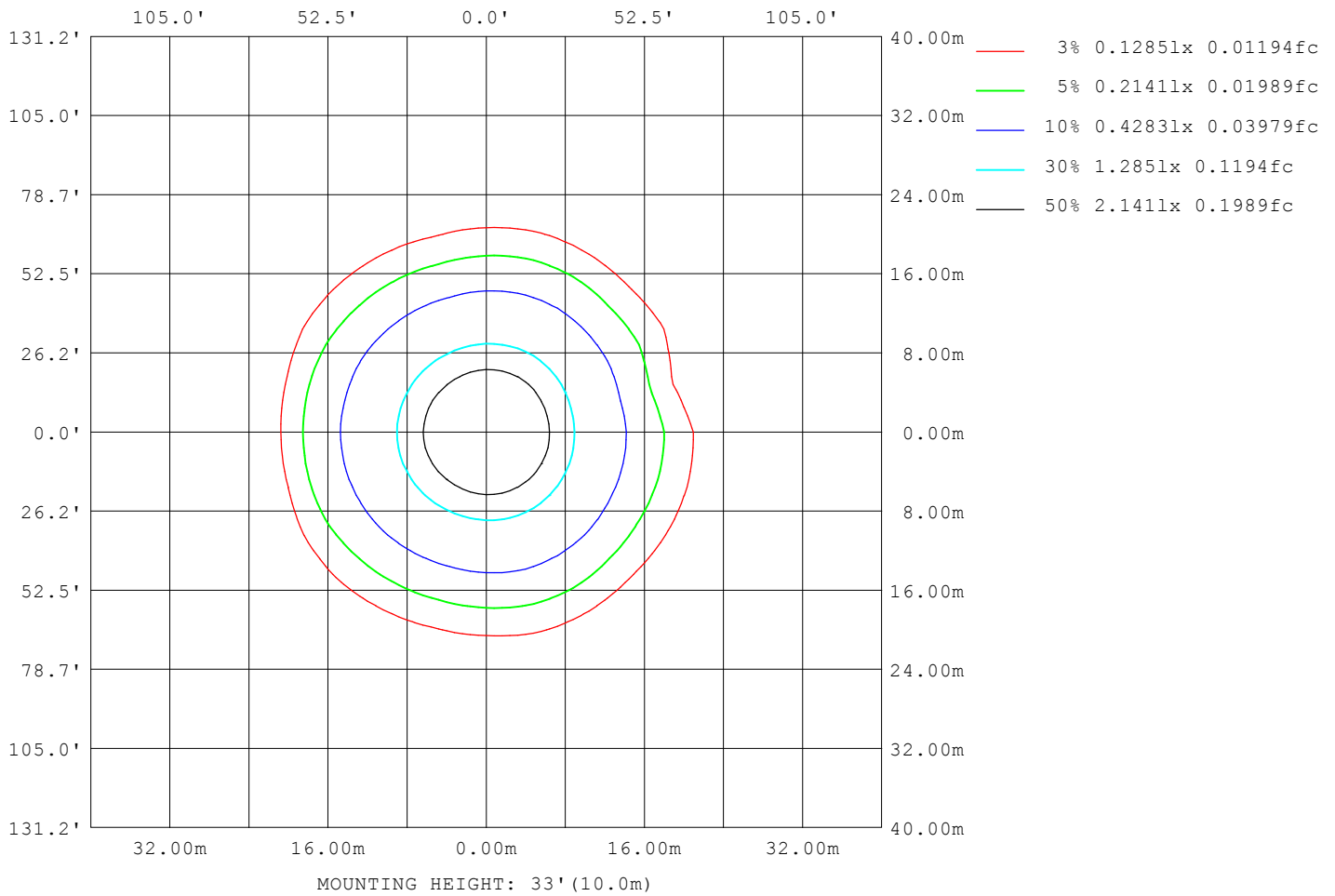
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-15

γ Range: 0 - 180DEG
 γ 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 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

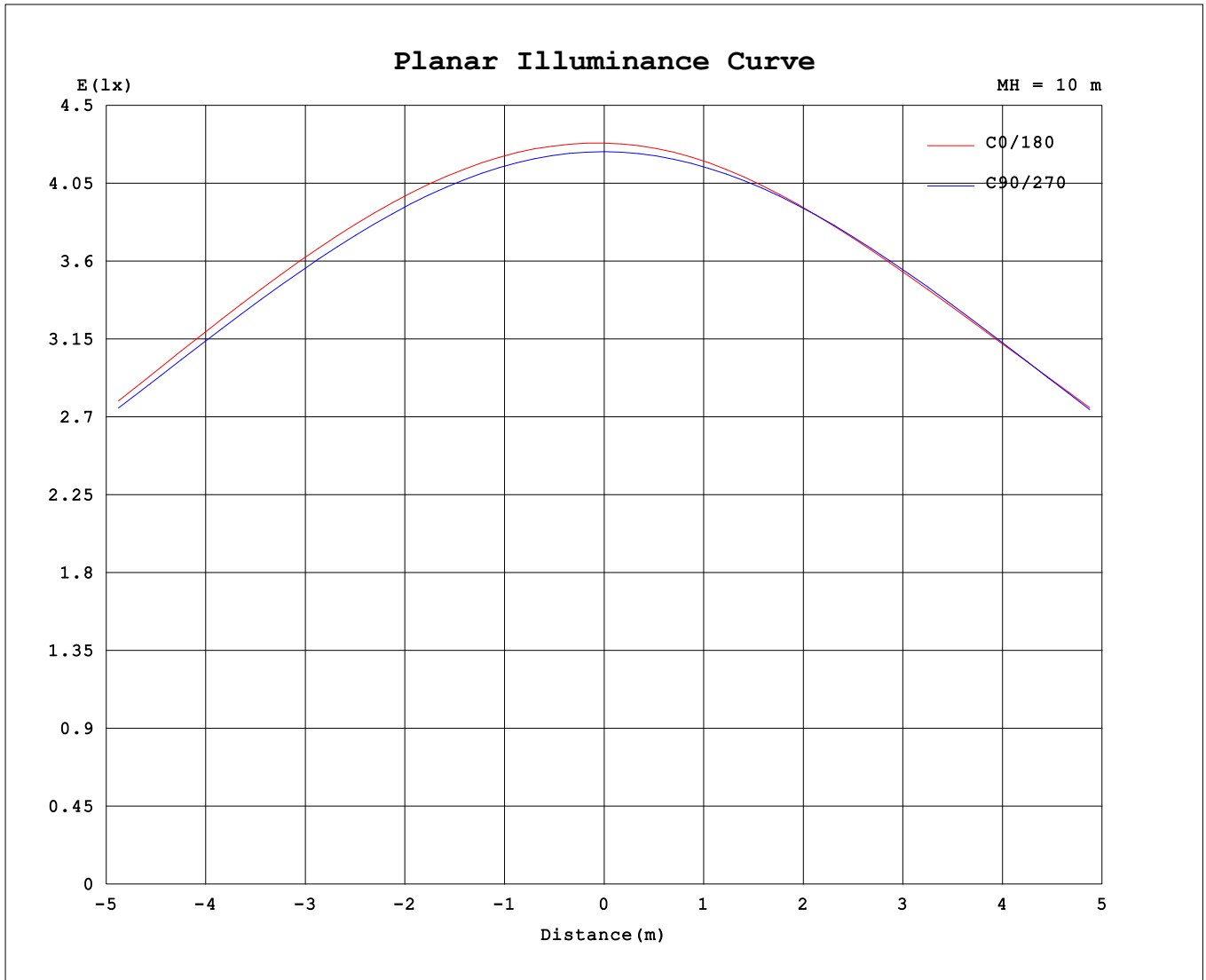
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 44361 |
| L_0~180 (75) av | 39549 |
| L_0~180 (85) av | 55828 |
| L_90~270 (65) av | 43554 |
| L_90~270 (75) av | 32066 |
| L_90~270 (85) av | 16841 |
| L_45 (65) av | 45883 |
| L_45 (75) av | 31878 |
| L_45 (85) av | 49067 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-15

γ Range: 0 - 180DEG
 γ 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: 2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 428 | 428 | 425 | 424 | 424 | 424 | 423 | 424 | 424 | 426 | 428 | 431 | 428 | 428 | 425 | 424 | 424 | 424 | 423 |
| 5 | 428 | 428 | 425 | 424 | 423 | 423 | 422 | 422 | 422 | 423 | 424 | 427 | 425 | 424 | 421 | 421 | 421 | 422 | 421 |
| 10 | 423 | 424 | 421 | 420 | 419 | 419 | 417 | 416 | 415 | 416 | 416 | 419 | 417 | 415 | 413 | 413 | 415 | 416 | 416 |
| 15 | 416 | 417 | 415 | 413 | 412 | 411 | 409 | 407 | 406 | 405 | 405 | 407 | 407 | 404 | 402 | 403 | 405 | 407 | 408 |
| 20 | 404 | 406 | 404 | 403 | 402 | 400 | 397 | 395 | 392 | 392 | 393 | 395 | 395 | 391 | 390 | 389 | 392 | 394 | 396 |
| 25 | 388 | 391 | 390 | 390 | 388 | 386 | 382 | 379 | 376 | 377 | 379 | 382 | 382 | 378 | 376 | 374 | 375 | 378 | 381 |
| 30 | 369 | 372 | 372 | 373 | 371 | 369 | 364 | 361 | 357 | 360 | 363 | 366 | 366 | 363 | 360 | 357 | 356 | 359 | 363 |
| 35 | 346 | 349 | 351 | 352 | 350 | 348 | 343 | 338 | 336 | 341 | 343 | 345 | 345 | 342 | 341 | 338 | 335 | 337 | 342 |
| 40 | 319 | 323 | 325 | 327 | 327 | 324 | 318 | 313 | 312 | 317 | 319 | 323 | 323 | 320 | 318 | 315 | 311 | 312 | 318 |
| 45 | 291 | 294 | 296 | 299 | 299 | 297 | 290 | 284 | 286 | 291 | 294 | 300 | 301 | 297 | 292 | 289 | 286 | 284 | 290 |
| 50 | 256 | 260 | 265 | 267 | 268 | 266 | 258 | 253 | 257 | 261 | 272 | 279 | 280 | 277 | 270 | 260 | 257 | 253 | 260 |
| 55 | 221 | 224 | 225 | 232 | 233 | 233 | 224 | 218 | 223 | 233 | 241 | 244 | 246 | 242 | 242 | 231 | 224 | 218 | 225 |
| 60 | 192 | 192 | 188 | 189 | 196 | 195 | 186 | 181 | 187 | 199 | 207 | 216 | 217 | 215 | 205 | 199 | 188 | 181 | 188 |
| 65 | 156 | 159 | 157 | 150 | 154 | 156 | 147 | 144 | 152 | 163 | 162 | 144 | 143 | 149 | 166 | 161 | 153 | 143 | 148 |
| 70 | 110 | 114 | 118 | 115 | 110 | 114 | 105 | 105 | 115 | 114 | 76.8 | 71.0 | 70.7 | 70.6 | 84.0 | 117 | 116 | 105 | 107 |
| 75 | 75.7 | 76.3 | 76.4 | 79.9 | 70.8 | 73.8 | 65.2 | 68.3 | 73.2 | 52.6 | 72.4 | 88.1 | 88.0 | 83.6 | 66.0 | 53.7 | 75.5 | 67.9 | 67.6 |
| 80 | 69.3 | 62.3 | 52.9 | 48.2 | 43.4 | 38.3 | 32.2 | 39.3 | 35.0 | 58.8 | 69.4 | 71.5 | 72.8 | 71.7 | 69.4 | 55.7 | 35.3 | 39.3 | 34.1 |
| 85 | 38.9 | 40.7 | 41.9 | 38.9 | 26.4 | 16.2 | 11.3 | 16.1 | 30.4 | 35.8 | 36.9 | 37.6 | 38.9 | 38.6 | 38.5 | 36.0 | 29.8 | 16.6 | 12.1 |
| 90 | 17.2 | 17.5 | 17.1 | 16.4 | 13.5 | 7.35 | 2.65 | 8.34 | 14.3 | 17.1 | 19.0 | 20.9 | 19.3 | 19.2 | 19.1 | 17.6 | 15.0 | 8.07 | 2.90 |
| 95 | 18.2 | 18.2 | 17.8 | 16.9 | 14.9 | 6.41 | 1.28 | 8.70 | 16.5 | 17.8 | 18.9 | 20.1 | 17.2 | 17.4 | 17.1 | 16.8 | 15.6 | 8.24 | 1.34 |
| 100 | 22.0 | 22.3 | 23.9 | 26.1 | 17.3 | 5.08 | 1.44 | 3.92 | 24.6 | 27.9 | 28.3 | 28.3 | 24.4 | 25.2 | 26.5 | 26.9 | 23.8 | 3.58 | 1.50 |
| 105 | 32.0 | 32.4 | 32.1 | 25.4 | 11.7 | 4.17 | 1.68 | 1.82 | 11.3 | 29.2 | 32.6 | 33.2 | 30.2 | 30.6 | 31.5 | 28.6 | 11.0 | 1.86 | 1.76 |
| 110 | 30.9 | 30.3 | 26.4 | 17.1 | 9.05 | 3.35 | 1.94 | 2.05 | 4.83 | 14.9 | 26.5 | 31.7 | 30.1 | 29.5 | 26.7 | 14.4 | 4.64 | 2.07 | 2.03 |
| 115 | 24.7 | 23.6 | 19.1 | 12.9 | 7.38 | 2.62 | 2.22 | 2.22 | 2.72 | 7.98 | 14.2 | 20.0 | 20.4 | 18.5 | 13.9 | 7.65 | 2.70 | 2.30 | 2.32 |
| 120 | 18.5 | 17.6 | 14.3 | 10.4 | 6.44 | 2.52 | 2.48 | 2.47 | 2.54 | 4.04 | 8.83 | 12.7 | 12.5 | 11.4 | 8.47 | 3.89 | 2.62 | 2.57 | 2.59 |
| 125 | 14.5 | 13.8 | 11.7 | 8.89 | 5.63 | 2.75 | 2.74 | 2.72 | 2.74 | 3.00 | 4.73 | 7.80 | 7.91 | 6.93 | 4.45 | 3.01 | 2.84 | 2.83 | 2.85 |
| 130 | 12.2 | 11.7 | 10.2 | 7.84 | 4.40 | 3.00 | 3.00 | 2.98 | 2.98 | 3.04 | 3.57 | 4.66 | 4.23 | 3.85 | 3.29 | 3.10 | 3.08 | 3.09 | 3.10 |
| 135 | 11.0 | 10.6 | 9.23 | 6.85 | 3.44 | 3.25 | 3.25 | 3.24 | 3.24 | 3.25 | 3.42 | 3.87 | 3.40 | 3.36 | 3.33 | 3.32 | 3.33 | 3.34 | 3.35 |
| 140 | 9.92 | 9.34 | 8.02 | 5.23 | 3.50 | 3.50 | 3.50 | 3.49 | 3.50 | 3.52 | 3.51 | 3.74 | 3.51 | 3.52 | 3.54 | 3.55 | 3.57 | 3.58 | 3.59 |
| 145 | 8.62 | 8.09 | 5.98 | 3.97 | 3.74 | 3.74 | 3.74 | 3.74 | 3.76 | 3.79 | 3.76 | 3.80 | 3.73 | 3.74 | 3.77 | 3.78 | 3.80 | 3.81 | 3.83 |
| 150 | 5.86 | 5.37 | 4.27 | 3.99 | 3.97 | 3.98 | 3.98 | 3.98 | 4.01 | 4.05 | 4.06 | 3.89 | 3.95 | 3.97 | 3.99 | 4.01 | 4.02 | 4.04 | 4.05 |
| 155 | 4.36 | 4.30 | 4.22 | 4.20 | 4.19 | 4.20 | 4.20 | 4.21 | 4.25 | 4.31 | 4.36 | 4.23 | 4.18 | 4.17 | 4.19 | 4.21 | 4.23 | 4.25 | 4.26 |
| 160 | 4.42 | 4.43 | 4.41 | 4.39 | 4.39 | 4.40 | 4.40 | 4.42 | 4.47 | 4.55 | 4.64 | 4.63 | 4.39 | 4.36 | 4.38 | 4.40 | 4.43 | 4.44 | 4.45 |
| 165 | 4.60 | 4.60 | 4.58 | 4.57 | 4.58 | 4.59 | 4.60 | 4.64 | 4.71 | 4.78 | 4.93 | 5.10 | 4.61 | 4.55 | 4.57 | 4.59 | 4.61 | 4.62 | 4.63 |
| 170 | 4.77 | 4.76 | 4.74 | 4.74 | 4.74 | 4.76 | 4.77 | 4.80 | 4.88 | 5.03 | 5.22 | 5.59 | 4.78 | 4.73 | 4.74 | 4.75 | 4.77 | 4.77 | 4.78 |
| 175 | 4.90 | 4.89 | 4.86 | 4.87 | 4.87 | 4.89 | 4.90 | 4.93 | 5.02 | 5.18 | 5.55 | 6.03 | 4.90 | 4.86 | 4.87 | 4.87 | 4.89 | 4.89 | 4.91 |
| 180 | 4.99 | 4.96 | 4.95 | 4.95 | 4.96 | 4.96 | 4.97 | 4.99 | 5.09 | 5.26 | 5.68 | 6.60 | 4.97 | 4.95 | 4.95 | 4.95 | 4.95 | 4.97 | 4.97 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-15

γ Range: 0 - 180DEG
 γ 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

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 160LED | DIM.: 500*8*1.2MM | SERIAL No.: 20231007005 |
| MFR.: EVERFINE | SUR.: 500*8MM | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) \ γ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 424 | 424 | 426 | 428 | 431 | | | | | | | | | | | | | | |
| 5 | 422 | 423 | 425 | 428 | 431 | | | | | | | | | | | | | | |
| 10 | 417 | 419 | 421 | 425 | 428 | | | | | | | | | | | | | | |
| 15 | 409 | 412 | 414 | 418 | 415 | | | | | | | | | | | | | | |
| 20 | 398 | 401 | 404 | 407 | 401 | | | | | | | | | | | | | | |
| 25 | 384 | 388 | 390 | 392 | 387 | | | | | | | | | | | | | | |
| 30 | 366 | 371 | 373 | 369 | 368 | | | | | | | | | | | | | | |
| 35 | 346 | 350 | 351 | 345 | 344 | | | | | | | | | | | | | | |
| 40 | 322 | 327 | 327 | 322 | 317 | | | | | | | | | | | | | | |
| 45 | 295 | 299 | 294 | 294 | 287 | | | | | | | | | | | | | | |
| 50 | 265 | 268 | 262 | 263 | 250 | | | | | | | | | | | | | | |
| 55 | 232 | 233 | 228 | 223 | 211 | | | | | | | | | | | | | | |
| 60 | 194 | 194 | 186 | 187 | 164 | | | | | | | | | | | | | | |
| 65 | 154 | 150 | 147 | 153 | 92.8 | | | | | | | | | | | | | | |
| 70 | 113 | 107 | 112 | 114 | 94.7 | | | | | | | | | | | | | | |
| 75 | 71.6 | 69.9 | 77.9 | 70.3 | 76.3 | | | | | | | | | | | | | | |
| 80 | 36.6 | 42.2 | 46.8 | 33.1 | 61.0 | | | | | | | | | | | | | | |
| 85 | 15.8 | 26.0 | 26.2 | 45.1 | 44.5 | | | | | | | | | | | | | | |
| 90 | 7.48 | 14.1 | 16.9 | 18.1 | 18.8 | | | | | | | | | | | | | | |
| 95 | 6.88 | 15.1 | 17.0 | 18.6 | 19.5 | | | | | | | | | | | | | | |
| 100 | 5.56 | 18.7 | 26.4 | 23.0 | 22.5 | | | | | | | | | | | | | | |
| 105 | 4.61 | 12.6 | 26.7 | 32.8 | 32.9 | | | | | | | | | | | | | | |
| 110 | 3.76 | 9.63 | 17.9 | 28.0 | 31.9 | | | | | | | | | | | | | | |
| 115 | 3.02 | 7.88 | 13.5 | 20.4 | 25.5 | | | | | | | | | | | | | | |
| 120 | 2.70 | 6.86 | 10.9 | 15.5 | 19.3 | | | | | | | | | | | | | | |
| 125 | 2.89 | 6.18 | 9.34 | 12.5 | 15.5 | | | | | | | | | | | | | | |
| 130 | 3.13 | 4.95 | 8.32 | 10.9 | 13.4 | | | | | | | | | | | | | | |
| 135 | 3.37 | 3.73 | 7.26 | 10.0 | 12.1 | | | | | | | | | | | | | | |
| 140 | 3.61 | 3.68 | 5.72 | 8.75 | 10.8 | | | | | | | | | | | | | | |
| 145 | 3.84 | 3.90 | 4.46 | 6.90 | 9.80 | | | | | | | | | | | | | | |
| 150 | 4.06 | 4.12 | 4.34 | 5.19 | 7.40 | | | | | | | | | | | | | | |
| 155 | 4.27 | 4.33 | 4.54 | 4.93 | 6.17 | | | | | | | | | | | | | | |
| 160 | 4.46 | 4.53 | 4.73 | 5.13 | 6.26 | | | | | | | | | | | | | | |
| 165 | 4.64 | 4.70 | 4.92 | 5.33 | 6.51 | | | | | | | | | | | | | | |
| 170 | 4.80 | 4.87 | 5.09 | 5.51 | 6.62 | | | | | | | | | | | | | | |
| 175 | 4.92 | 5.00 | 5.22 | 5.61 | 6.67 | | | | | | | | | | | | | | |
| 180 | 5.01 | 5.07 | 5.29 | 5.62 | 6.66 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-15

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