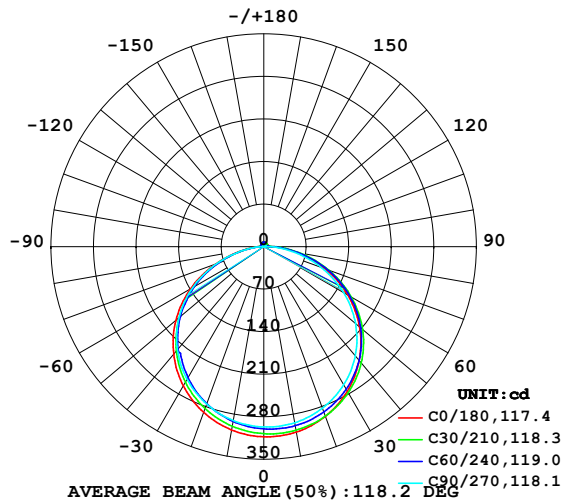


LUMINAIRE PHOTOMETRIC TEST REPORT

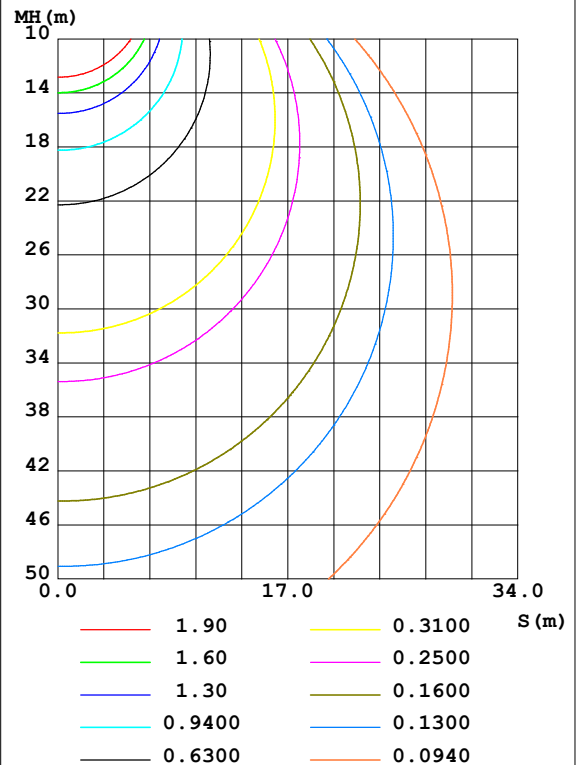
| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 142.71 lm/W |
|--|---------|------------------|--------|-------------------|----------|------------------|
| MODEL: LS102T29WW128DE24 (WCP) -HR-DS-CV-HE-EP | | Imax(cd) | 313.0 | S/MH(C0/180) | 1.26 | |
| NOMINAL POWER(W) | 6.64941 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 | |
| RATED VOLTAGE(V) | DC 24 | TOTAL FLUX(lm) | 948.97 | □ UP,DN(C0-180) | 1.3,50.3 | |
| NOMINAL FLUX(lm) | 948.968 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 1.2,47.2 | |
| LAMPS INSIDE | 1 | □ up(%) | 2.5 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | DC 24 | □ down(%) | 97.5 | CIBSE SHR MAX | 1.35 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-07-30

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 4.880m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

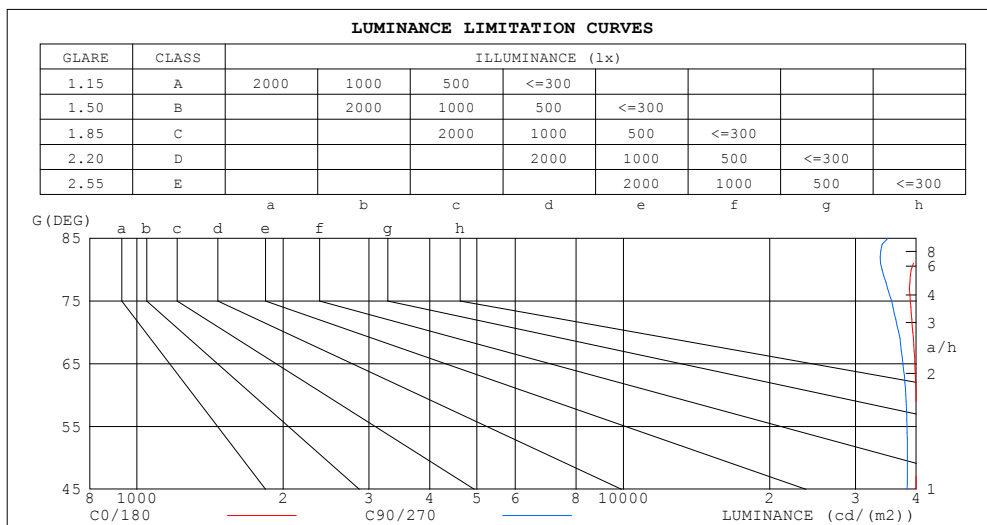
| mm | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | mm | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10 | 309.8 | 305.3 | 294.2 | 295.0 | 306.2 | 297.8 | 290.5 | 297.9 | 0- 10 | 28.72 | 28.72 | 3.03,3.03 |
| 20 | 297.0 | 295.7 | 282.9 | 280.4 | 290.0 | 280.9 | 275.6 | 286.2 | 10- 20 | 82.75 | 111.5 | 11.7,11.7 |
| 30 | 275.0 | 277.1 | 262.9 | 257.0 | 264.7 | 255.3 | 252.4 | 265.7 | 20- 30 | 126.8 | 238.3 | 25.1,25.1 |
| 40 | 244.4 | 249.7 | 234.3 | 224.9 | 230.8 | 221.3 | 221.3 | 236.4 | 30- 40 | 155.5 | 393.8 | 41.5,41.5 |
| 50 | 205.9 | 213.4 | 197.3 | 184.6 | 188.9 | 179.2 | 182.2 | 198.5 | 40- 50 | 164.8 | 558.7 | 58.9,58.9 |
| 60 | 159.9 | 167.9 | 152.2 | 136.7 | 139.5 | 131.1 | 135.4 | 152.4 | 50- 60 | 152.5 | 711.1 | 74.9,74.9 |
| 70 | 107.7 | 115.2 | 100.7 | 83.56 | 85.00 | 79.37 | 82.53 | 99.40 | 60- 70 | 119.1 | 830.3 | 87.5,87.5 |
| 80 | 54.30 | 60.31 | 47.28 | 32.19 | 33.95 | 30.81 | 30.69 | 45.54 | 70- 80 | 70.61 | 900.9 | 94.9,94.9 |
| 90 | 14.72 | 18.15 | 7.867 | 3.757 | 8.967 | 7.009 | 1.120 | 7.325 | 80- 90 | 24.22 | 925.1 | 97.5,97.5 |
| 100 | 5.529 | 7.822 | 1.139 | 1.118 | 5.140 | 5.272 | 1.174 | 1.452 | 90-100 | 5.142 | 930.2 | 98,98 |
| 110 | 5.206 | 5.348 | 1.361 | 1.430 | 5.447 | 5.562 | 1.551 | 1.410 | 100-110 | 3.314 | 933.5 | 98.4,98.4 |
| 120 | 5.552 | 5.440 | 1.713 | 1.791 | 5.827 | 5.940 | 1.931 | 1.781 | 110-120 | 2.969 | 936.5 | 98.7,98.7 |
| 130 | 5.945 | 5.828 | 2.071 | 2.152 | 6.243 | 6.348 | 2.289 | 2.146 | 120-130 | 3.093 | 939.6 | 99,99 |
| 140 | 6.382 | 6.279 | 2.419 | 2.502 | 6.503 | 6.575 | 2.616 | 2.497 | 130-140 | 2.947 | 942.5 | 99.3,99.3 |
| 150 | 6.658 | 6.573 | 2.744 | 2.825 | 6.782 | 6.817 | 2.907 | 2.821 | 140-150 | 2.591 | 945.1 | 99.6,99.6 |
| 160 | 6.953 | 6.853 | 3.042 | 3.117 | 7.073 | 7.035 | 3.159 | 3.102 | 150-160 | 2.041 | 947.2 | 99.8,99.8 |
| 170 | 7.242 | 7.141 | 3.318 | 3.361 | 7.331 | 7.226 | 3.370 | 3.343 | 160-170 | 1.324 | 948.5 | 100,100 |
| 180 | 7.429 | 7.342 | 3.486 | 3.499 | 7.464 | 7.322 | 3.488 | 3.499 | 170-180 | 0.4642 | 949.0 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-07-30

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.880m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |



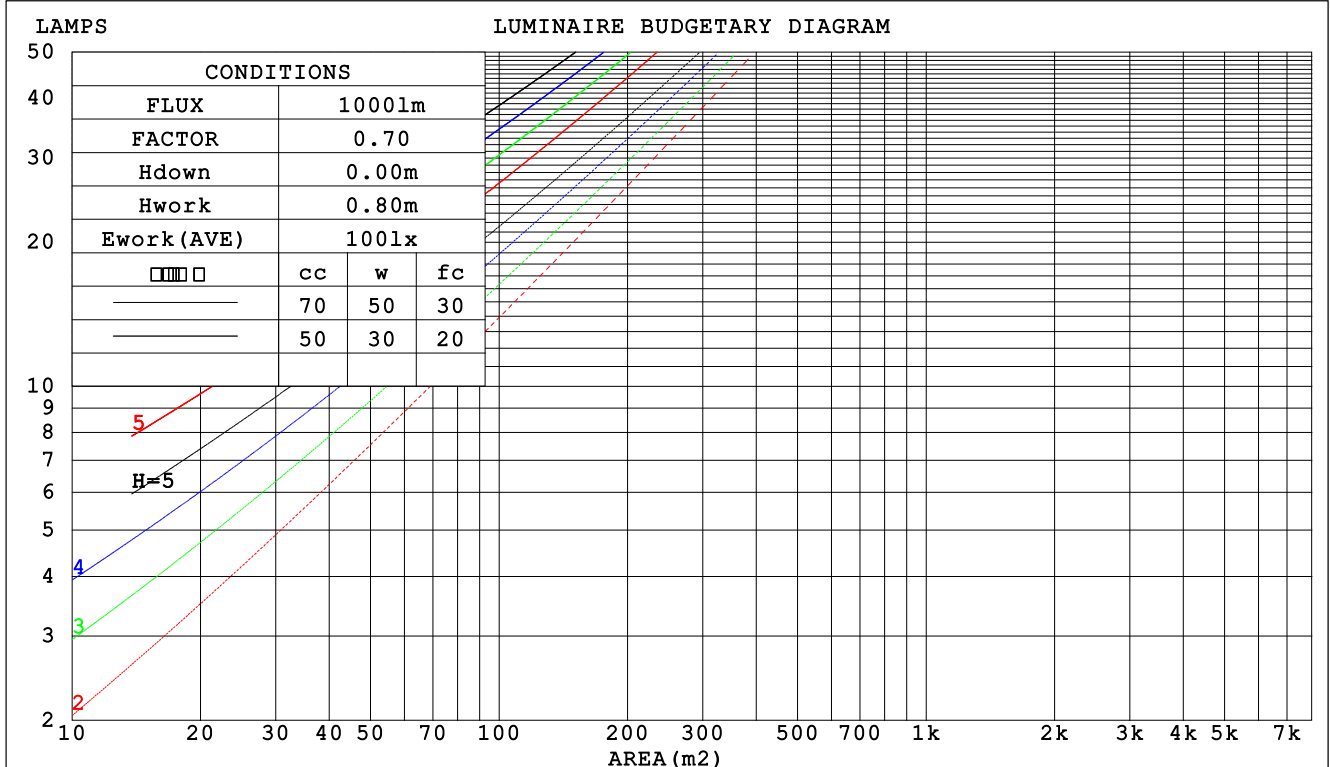
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
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 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

| □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 | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-07-30

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:4.880m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

| | | | | | | |
|-----------------------------|---|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC) | | | | | |
| 0.0 | | | | | | |
| 1.0 | .321 .183 .058 | .314 .179 .057 | .299 .171 .055 | .285 .165 .053 | .273 .158 .051 | |
| 2.0 | .299 .164 .050 | .292 .161 .050 | .279 .155 .048 | .267 .150 .047 | .256 .145 .046 | |
| 3.0 | .275 .147 .044 | .269 .144 .043 | .258 .140 .042 | .247 .135 .041 | .237 .131 .041 | |
| 4.0 | .253 .132 .039 | .248 .130 .038 | .237 .126 .038 | .228 .122 .037 | .219 .119 .036 | |
| 5.0 | .233 .119 .034 | .229 .117 .034 | .219 .114 .034 | .211 .111 .033 | .203 .108 .033 | |
| 6.0 | .216 .108 .031 | .212 .107 .031 | .203 .104 .030 | .196 .102 .030 | .188 .099 .029 | |
| 7.0 | .201 .099 .028 | .197 .098 .028 | .189 .096 .028 | .182 .094 .027 | .176 .091 .027 | |
| 8.0 | .187 .092 .026 | .184 .090 .026 | .177 .088 .025 | .171 .086 .025 | .165 .085 .025 | |
| 9.0 | .175 .085 .024 | .172 .084 .024 | .166 .082 .023 | .160 .080 .023 | .155 .079 .023 | |
| 10.0 | .165 .079 .022 | .162 .078 .022 | .156 .077 .022 | .151 .075 .021 | .146 .074 .021 | |

| | | | | | | |
|-----------------------------|--|----------------|----------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC) | | | | | |
| 0.0 | .210 .210 .210 | .179 .179 .179 | .122 .122 .122 | .070 .070 .070 | .022 .022 .022 | |
| 1.0 | .200 .175 .153 | .172 .151 .131 | .117 .104 .091 | .068 .060 .053 | .022 .019 .017 | |
| 2.0 | .193 .151 .117 | .165 .130 .101 | .113 .090 .070 | .065 .052 .041 | .021 .017 .013 | |
| 3.0 | .185 .134 .093 | .159 .116 .081 | .109 .080 .057 | .063 .047 .033 | .020 .015 .011 | |
| 4.0 | .178 .121 .077 | .152 .104 .067 | .105 .073 .047 | .061 .043 .028 | .019 .014 .009 | |
| 5.0 | .170 .110 .066 | .146 .096 .058 | .101 .067 .041 | .058 .039 .024 | .019 .013 .008 | |
| 6.0 | .163 .102 .059 | .140 .088 .051 | .097 .062 .036 | .056 .036 .021 | .018 .012 .007 | |
| 7.0 | .156 .095 .053 | .134 .083 .046 | .093 .058 .033 | .054 .034 .019 | .017 .011 .006 | |
| 8.0 | .149 .090 .048 | .129 .078 .042 | .089 .055 .030 | .052 .032 .018 | .017 .011 .006 | |
| 9.0 | .143 .085 .045 | .124 .073 .039 | .086 .052 .028 | .050 .030 .017 | .016 .010 .006 | |
| 10.0 | .138 .080 .042 | .119 .070 .037 | .082 .049 .026 | .048 .029 .016 | .016 .010 .005 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
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 128LED | | | | | DIM.: 500*8*1mm | | | SERIAL No.: 20210728049 | | | |
| MFR.: EVERFINE | | | | | SUR.: 500*8*1mm | | | 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 | 2H | 26.2 | 27.7 | 26.5 | 28.0 | 28.2 | 26.1 | 27.6 | 26.4 | 27.8 | 28.1 |
| | 3H | 28.0 | 29.4 | 28.3 | 29.6 | 29.9 | 27.8 | 29.2 | 28.1 | 29.5 | 29.8 |
| | 4H | 28.7 | 30.0 | 29.1 | 30.3 | 30.7 | 28.5 | 29.8 | 28.9 | 30.1 | 30.5 |
| | 6H | 29.3 | 30.6 | 29.7 | 30.9 | 31.2 | 29.1 | 30.3 | 29.4 | 30.6 | 31.0 |
| | 8H | 29.6 | 30.8 | 30.0 | 31.1 | 31.5 | 29.3 | 30.5 | 29.6 | 30.8 | 31.2 |
| | 12H | 29.8 | 31.0 | 30.2 | 31.3 | 31.7 | 29.4 | 30.6 | 29.8 | 30.9 | 31.3 |
| 4H | 2H | 27.0 | 28.3 | 27.3 | 28.6 | 28.9 | 26.8 | 28.2 | 27.2 | 28.5 | 28.8 |
| | 3H | 28.9 | 30.1 | 29.3 | 30.4 | 30.8 | 28.8 | 29.9 | 29.2 | 30.3 | 30.6 |
| | 4H | 29.8 | 30.9 | 30.2 | 31.2 | 31.6 | 29.6 | 30.7 | 30.0 | 31.1 | 31.4 |
| | 6H | 30.6 | 31.5 | 31.0 | 31.9 | 32.3 | 30.3 | 31.3 | 30.8 | 31.7 | 32.1 |
| | 8H | 30.9 | 31.8 | 31.4 | 32.2 | 32.6 | 30.6 | 31.5 | 31.1 | 31.9 | 32.4 |
| | 12H | 31.2 | 32.0 | 31.7 | 32.4 | 32.9 | 30.8 | 31.6 | 31.3 | 32.1 | 32.5 |
| 8H | 4H | 30.2 | 31.1 | 30.6 | 31.5 | 31.9 | 30.0 | 30.9 | 30.5 | 31.3 | 31.8 |
| | 6H | 31.2 | 31.9 | 31.7 | 32.4 | 32.8 | 31.0 | 31.7 | 31.4 | 32.1 | 32.6 |
| | 8H | 31.6 | 32.3 | 32.1 | 32.7 | 33.3 | 31.4 | 32.0 | 31.9 | 32.5 | 33.0 |
| | 12H | 32.1 | 32.6 | 32.6 | 33.1 | 33.7 | 31.7 | 32.3 | 32.2 | 32.8 | 33.3 |
| 12H | 4H | 30.2 | 31.0 | 30.7 | 31.5 | 31.9 | 30.1 | 30.9 | 30.5 | 31.3 | 31.8 |
| | 6H | 31.3 | 31.9 | 31.8 | 32.4 | 32.9 | 31.1 | 31.7 | 31.6 | 32.2 | 32.7 |
| | 8H | 31.8 | 32.4 | 32.3 | 32.9 | 33.4 | 31.6 | 32.1 | 32.1 | 32.6 | 33.1 |
| 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 | + 0.1 / - 0.4 | | | | | + 0.2 / - 0.5 | | | | | |

CIE Pub.117, 949.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.2)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

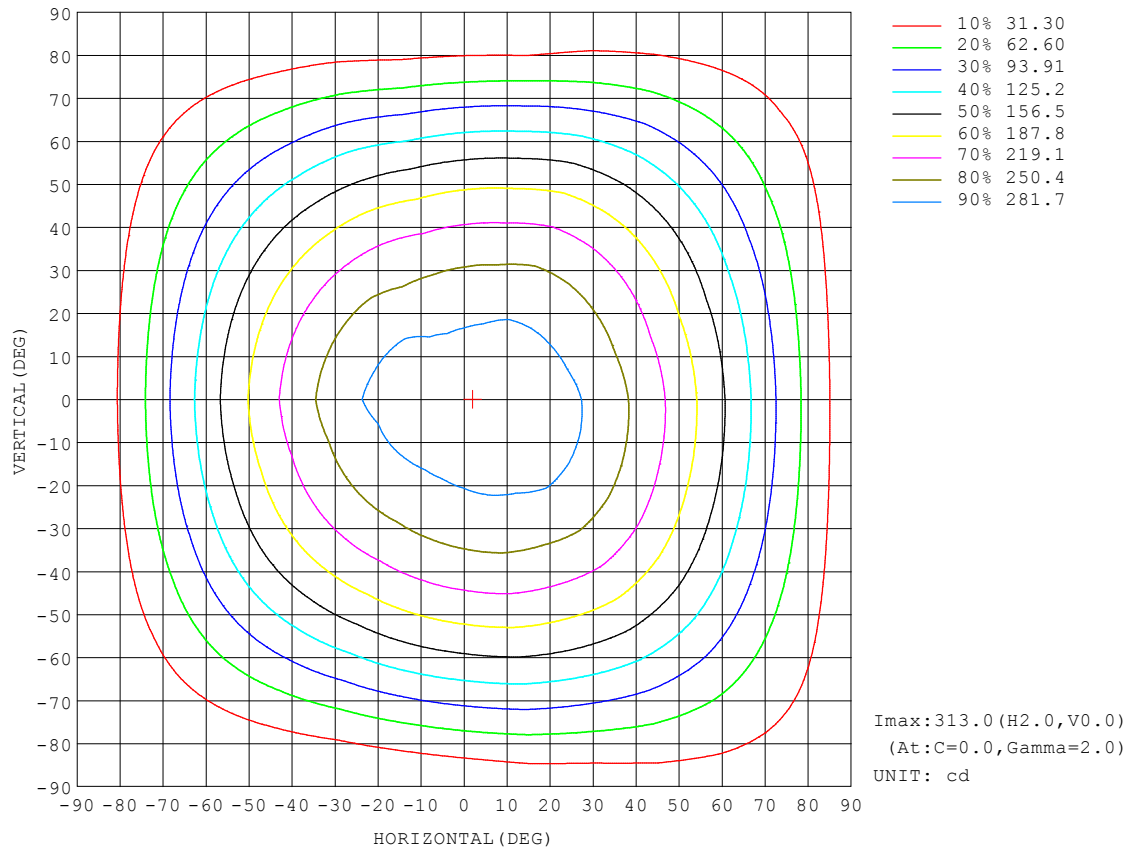
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 43 | 36 | 30 |
| 0.80 | 66 | 54 | 46 | 64 | 53 | 46 | 63 | 52 | 46 | 38 |
| 1.00 | 74 | 63 | 55 | 73 | 62 | 55 | 70 | 63 | 54 | 47 |
| 1.25 | 81 | 70 | 63 | 80 | 69 | 62 | 77 | 68 | 61 | 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 | 88 | 82 | 91 | 85 | 80 | 71 |
| 3.00 | 101 | 94 | 88 | 98 | 92 | 86 | 94 | 89 | 84 | 75 |
| 4.00 | 105 | 99 | 94 | 102 | 97 | 92 | 98 | 93 | 89 | 80 |
| 5.00 | 107 | 102 | 98 | 105 | 100 | 96 | 100 | 96 | 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: 25.3DEG
Operators: DAMIN
Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 4.880m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

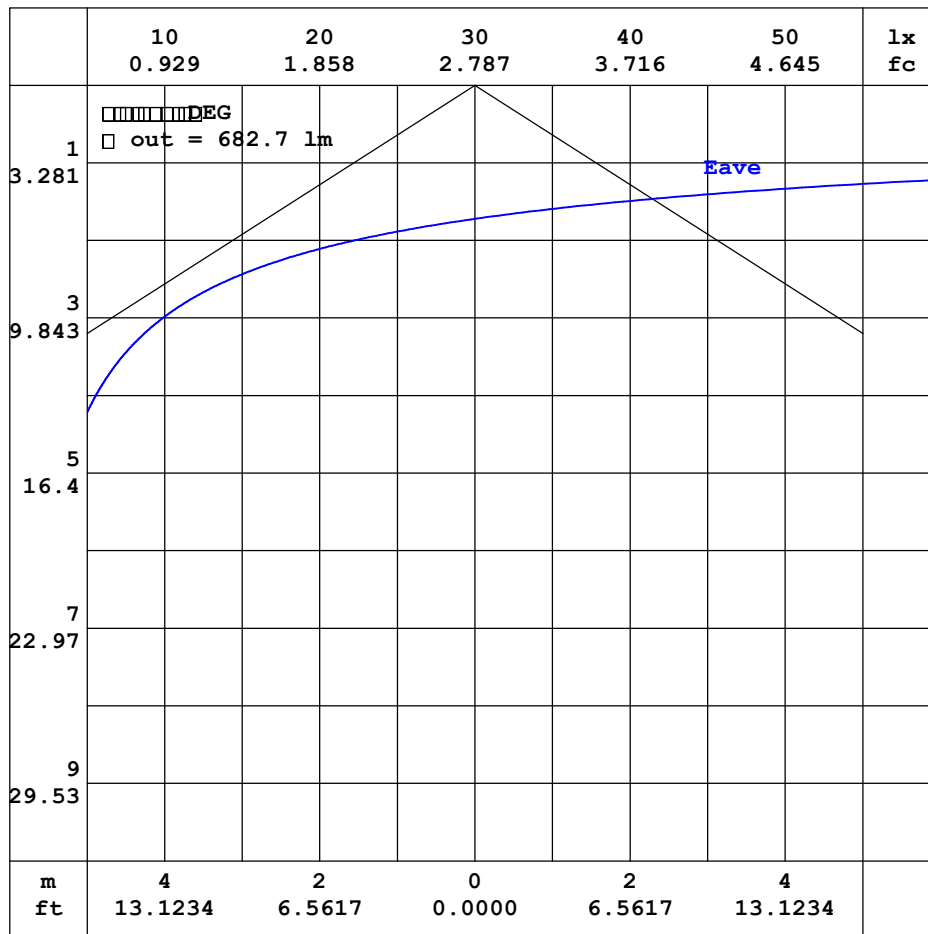


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.880m [K=1.0000]
 Remarks:

AAI CURVES

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |



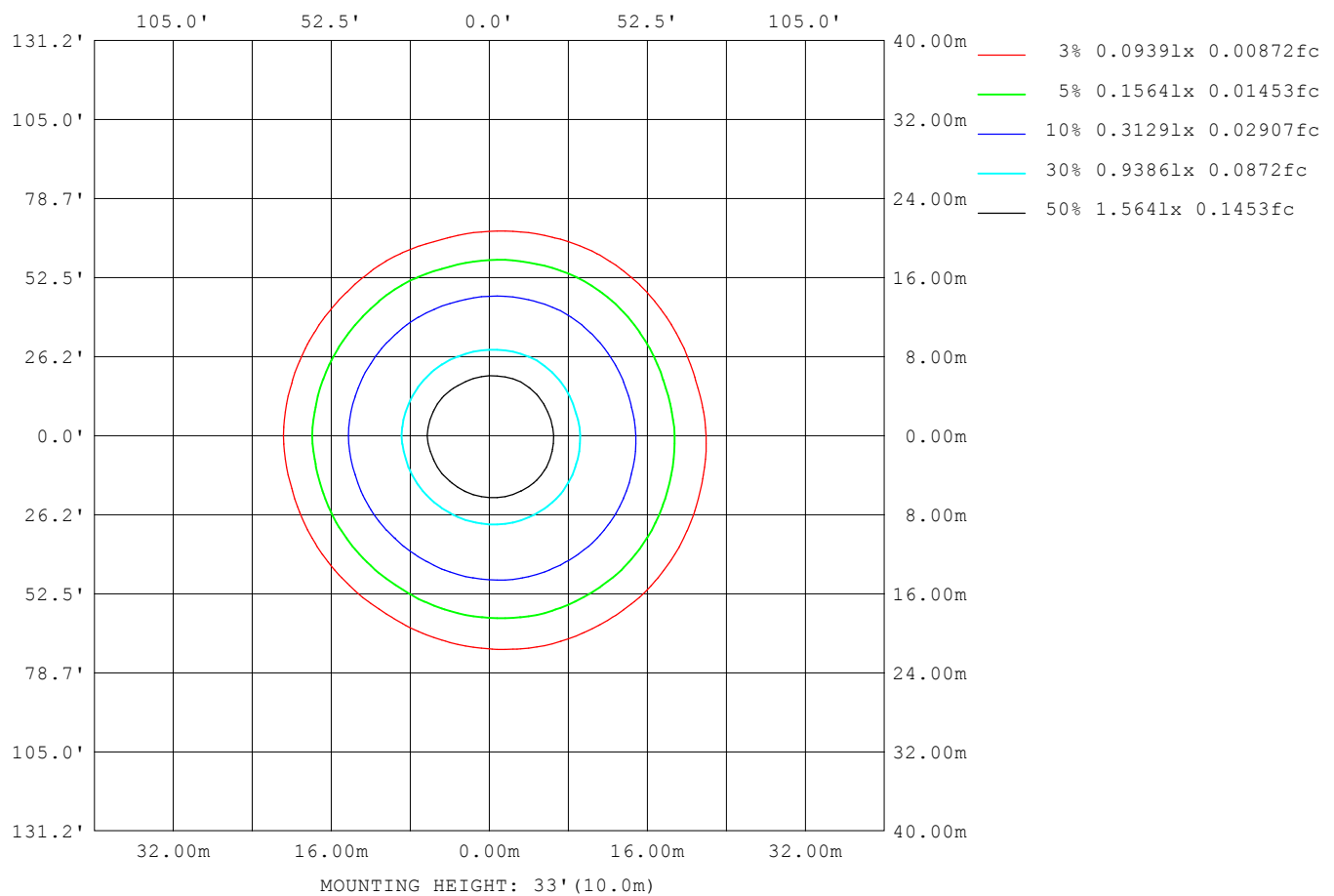
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-07-30

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 4.880m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 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 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

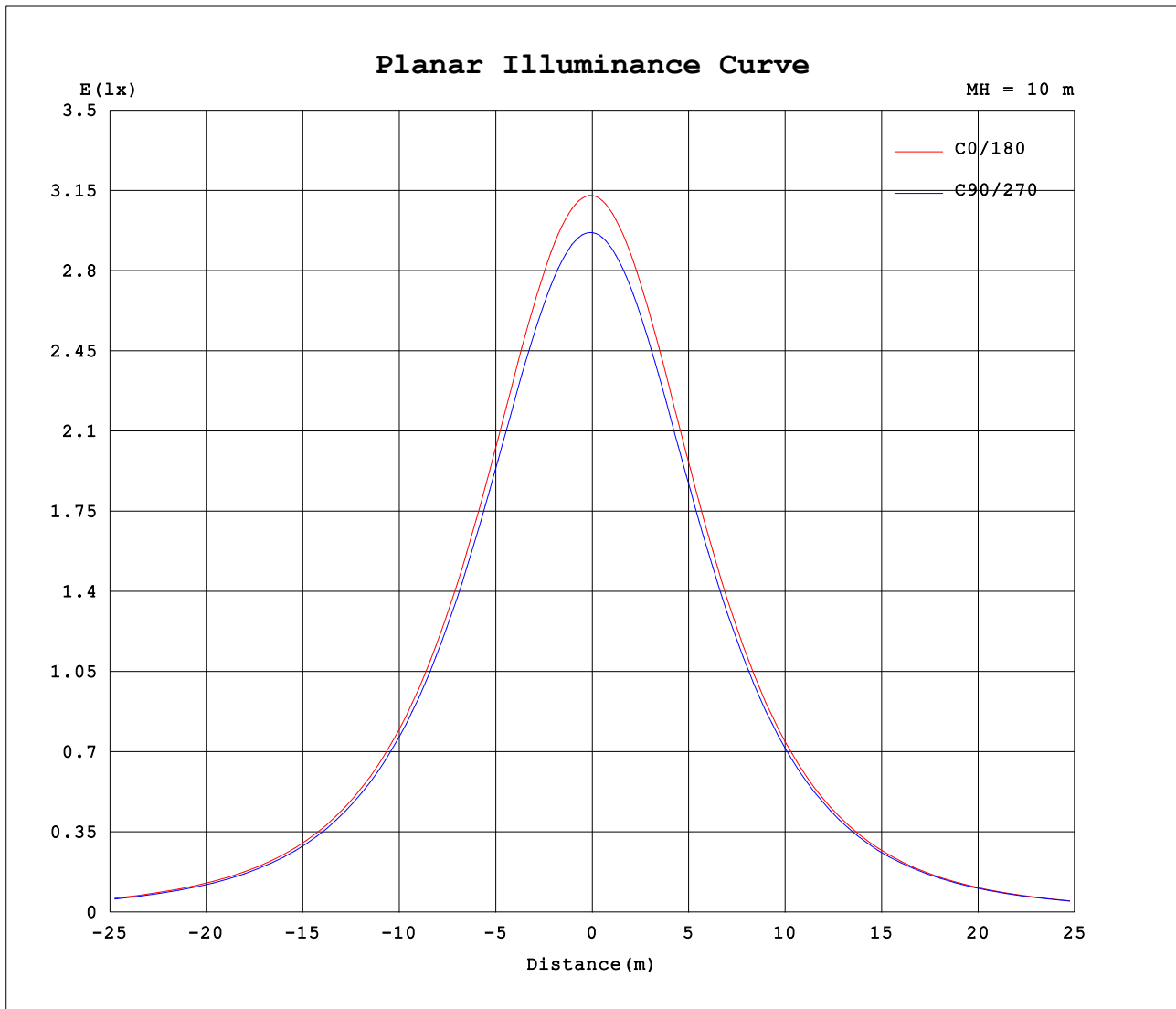
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 36527 |
| L_0~180 (75) av | 33444 |
| L_0~180 (85) av | 34444 |
| L_90~270 (65) av | 34927 |
| L_90~270 (75) av | 31252 |
| L_90~270 (85) av | 25549 |
| L_45 (65) av | 35854 |
| L_45 (75) av | 32629 |
| L_45 (85) av | 30765 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 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: 25.3DEG
Operators: DAMIN
Test Date: 2021-07-30

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
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 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

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 | 313 | 311 | 308 | 306 | 300 | 298 | 297 | 297 | 299 | 301 | 303 | 306 | 313 | 311 | 308 | 306 | 300 | 298 | 297 |
| 5 | 313 | 311 | 308 | 307 | 301 | 298 | 297 | 296 | 297 | 299 | 301 | 304 | 311 | 308 | 305 | 303 | 297 | 295 | 295 |
| 10 | 310 | 309 | 307 | 305 | 299 | 296 | 294 | 293 | 294 | 295 | 297 | 299 | 306 | 303 | 300 | 298 | 292 | 290 | 291 |
| 15 | 305 | 305 | 303 | 302 | 295 | 292 | 290 | 288 | 288 | 289 | 290 | 292 | 299 | 295 | 293 | 290 | 285 | 283 | 284 |
| 20 | 297 | 298 | 297 | 296 | 289 | 286 | 283 | 280 | 279 | 280 | 282 | 283 | 290 | 286 | 283 | 281 | 275 | 274 | 276 |
| 25 | 287 | 288 | 288 | 287 | 281 | 278 | 274 | 271 | 269 | 270 | 271 | 272 | 278 | 274 | 272 | 269 | 263 | 263 | 265 |
| 30 | 275 | 277 | 278 | 277 | 271 | 268 | 263 | 259 | 256 | 257 | 258 | 259 | 265 | 261 | 258 | 255 | 249 | 250 | 252 |
| 35 | 261 | 263 | 265 | 265 | 259 | 255 | 250 | 245 | 242 | 242 | 243 | 244 | 249 | 245 | 242 | 239 | 233 | 235 | 238 |
| 40 | 244 | 247 | 250 | 250 | 244 | 240 | 234 | 229 | 225 | 225 | 225 | 226 | 231 | 227 | 224 | 221 | 220 | 217 | 221 |
| 45 | 226 | 229 | 232 | 233 | 227 | 223 | 217 | 211 | 206 | 206 | 206 | 206 | 211 | 207 | 204 | 201 | 200 | 198 | 203 |
| 50 | 206 | 209 | 212 | 213 | 208 | 204 | 197 | 191 | 186 | 185 | 185 | 185 | 189 | 185 | 182 | 179 | 179 | 177 | 182 |
| 55 | 184 | 186 | 191 | 192 | 187 | 183 | 176 | 169 | 163 | 161 | 162 | 161 | 165 | 162 | 158 | 156 | 155 | 154 | 159 |
| 60 | 160 | 162 | 167 | 168 | 164 | 160 | 152 | 145 | 138 | 137 | 137 | 136 | 139 | 136 | 133 | 131 | 132 | 130 | 135 |
| 65 | 134 | 137 | 141 | 142 | 139 | 135 | 127 | 120 | 112 | 111 | 110 | 110 | 113 | 110 | 107 | 106 | 107 | 104 | 109 |
| 70 | 108 | 110 | 114 | 115 | 112 | 108 | 101 | 92.9 | 85.6 | 83.6 | 83.2 | 82.4 | 85.0 | 82.6 | 80.9 | 79.4 | 80.1 | 78.0 | 82.5 |
| 75 | 80.5 | 82.9 | 86.9 | 87.6 | 84.1 | 81.1 | 73.7 | 66.0 | 58.9 | 56.8 | 56.4 | 55.5 | 58.0 | 56.7 | 55.1 | 53.9 | 54.3 | 52.0 | 55.7 |
| 80 | 54.3 | 56.5 | 60.0 | 60.3 | 56.8 | 54.0 | 47.3 | 40.3 | 34.0 | 32.2 | 31.5 | 31.1 | 33.9 | 33.4 | 32.1 | 30.8 | 31.0 | 28.1 | 30.7 |
| 85 | 31.6 | 33.6 | 36.1 | 36.0 | 32.5 | 30.5 | 24.4 | 18.7 | 14.1 | 13.1 | 12.9 | 12.7 | 16.5 | 16.3 | 15.3 | 13.9 | 13.5 | 9.96 | 11.2 |
| 90 | 14.7 | 16.4 | 18.2 | 18.1 | 14.9 | 13.3 | 7.87 | 5.29 | 3.64 | 3.76 | 4.45 | 4.64 | 8.97 | 9.29 | 8.23 | 7.01 | 6.15 | 1.90 | 1.12 |
| 95 | 6.70 | 7.83 | 9.46 | 9.75 | 8.28 | 6.90 | 1.18 | 2.00 | 1.31 | 1.35 | 1.68 | 1.80 | 6.02 | 6.23 | 5.71 | 5.27 | 5.40 | 1.11 | 1.06 |
| 100 | 5.53 | 6.22 | 7.47 | 7.82 | 6.22 | 4.82 | 1.14 | 1.09 | 1.11 | 1.12 | 1.12 | 1.15 | 5.14 | 5.26 | 5.32 | 5.27 | 5.16 | 1.21 | 1.17 |
| 105 | 5.13 | 5.37 | 6.44 | 6.73 | 4.60 | 3.02 | 1.19 | 1.18 | 1.23 | 1.25 | 1.25 | 1.27 | 5.27 | 5.38 | 5.44 | 5.39 | 5.34 | 1.39 | 1.35 |
| 110 | 5.21 | 5.16 | 5.49 | 5.35 | 2.92 | 1.51 | 1.36 | 1.37 | 1.41 | 1.43 | 1.43 | 1.45 | 5.45 | 5.55 | 5.61 | 5.56 | 5.54 | 1.58 | 1.55 |
| 115 | 5.37 | 5.33 | 5.25 | 5.26 | 2.60 | 1.55 | 1.53 | 1.55 | 1.59 | 1.61 | 1.61 | 1.63 | 5.64 | 5.73 | 5.80 | 5.75 | 1.80 | 1.77 | 1.75 |
| 120 | 5.55 | 5.51 | 5.43 | 5.44 | 1.68 | 1.72 | 1.71 | 1.74 | 1.77 | 1.79 | 1.79 | 1.81 | 5.83 | 5.90 | 5.99 | 5.94 | 5.86 | 1.96 | 1.93 |
| 125 | 5.74 | 5.70 | 5.63 | 5.63 | 1.83 | 1.85 | 1.89 | 1.92 | 1.95 | 1.97 | 1.97 | 1.99 | 6.04 | 6.11 | 6.20 | 6.15 | 6.08 | 2.14 | 2.11 |
| 130 | 5.95 | 5.91 | 5.84 | 5.83 | 2.00 | 2.03 | 2.07 | 2.10 | 2.14 | 2.15 | 2.14 | 2.16 | 6.24 | 6.30 | 6.39 | 6.35 | 6.29 | 2.31 | 2.29 |
| 135 | 6.17 | 6.14 | 6.06 | 6.06 | 2.18 | 2.21 | 2.25 | 2.28 | 2.32 | 2.33 | 2.31 | 2.34 | 6.38 | 6.42 | 6.51 | 6.47 | 6.42 | 2.48 | 2.46 |
| 140 | 6.38 | 6.35 | 6.28 | 6.28 | 2.36 | 2.39 | 2.42 | 2.45 | 2.49 | 2.50 | 2.48 | 2.50 | 6.50 | 6.53 | 6.61 | 6.58 | 6.54 | 2.63 | 2.62 |
| 145 | 6.53 | 6.53 | 6.44 | 6.44 | 2.53 | 2.56 | 2.58 | 2.62 | 2.65 | 2.67 | 2.64 | 2.66 | 6.64 | 6.65 | 6.73 | 6.69 | 6.66 | 2.78 | 2.76 |
| 150 | 6.66 | 6.67 | 6.58 | 6.57 | 2.70 | 2.72 | 2.74 | 2.78 | 2.81 | 2.82 | 2.80 | 2.81 | 6.78 | 6.78 | 6.84 | 6.82 | 6.79 | 2.92 | 2.91 |
| 155 | 6.80 | 6.80 | 6.72 | 6.71 | 2.86 | 2.88 | 2.90 | 2.93 | 2.96 | 2.98 | 2.96 | 2.96 | 6.93 | 6.90 | 6.96 | 6.93 | 6.91 | 3.05 | 3.04 |
| 160 | 6.95 | 6.94 | 6.87 | 6.85 | 3.01 | 3.03 | 3.04 | 3.07 | 3.10 | 3.12 | 3.10 | 3.10 | 7.07 | 7.02 | 7.06 | 7.03 | 7.03 | 3.16 | 3.16 |
| 165 | 7.11 | 7.09 | 7.01 | 7.00 | 3.15 | 3.19 | 3.20 | 3.22 | 3.23 | 3.25 | 3.24 | 3.24 | 7.21 | 7.13 | 7.17 | 7.13 | 7.13 | 3.27 | 3.27 |
| 170 | 7.24 | 7.22 | 7.14 | 7.14 | 3.29 | 3.32 | 3.32 | 3.33 | 3.34 | 3.36 | 3.35 | 3.36 | 7.33 | 7.24 | 7.26 | 7.23 | 7.22 | 3.36 | 3.37 |
| 175 | 7.35 | 7.34 | 7.25 | 7.25 | 3.40 | 3.42 | 3.41 | 3.43 | 3.43 | 3.45 | 3.45 | 3.47 | 7.42 | 7.32 | 7.33 | 7.29 | 7.30 | 3.44 | 3.45 |
| 180 | 7.43 | 7.40 | 7.34 | 7.34 | 3.47 | 3.49 | 3.49 | 3.49 | 3.49 | 3.50 | 3.51 | 3.52 | 7.46 | 7.38 | 7.36 | 7.32 | 7.32 | 3.48 | 3.49 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-07-30

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
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 128LED | DIM.: 500*8*1mm | SERIAL No.: 20210728049 |
| MFR.: EVERFINE | SUR.: 500*8*1mm | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) □ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 297 | 299 | 301 | 303 | 306 | | | | | | | | | | | | | | |
| 5 | 296 | 298 | 300 | 303 | 306 | | | | | | | | | | | | | | |
| 10 | 292 | 296 | 298 | 300 | 304 | | | | | | | | | | | | | | |
| 15 | 286 | 291 | 293 | 296 | 299 | | | | | | | | | | | | | | |
| 20 | 279 | 284 | 286 | 288 | 291 | | | | | | | | | | | | | | |
| 25 | 269 | 275 | 277 | 279 | 282 | | | | | | | | | | | | | | |
| 30 | 256 | 263 | 266 | 267 | 270 | | | | | | | | | | | | | | |
| 35 | 242 | 250 | 252 | 253 | 255 | | | | | | | | | | | | | | |
| 40 | 226 | 234 | 236 | 238 | 239 | | | | | | | | | | | | | | |
| 45 | 208 | 216 | 219 | 220 | 220 | | | | | | | | | | | | | | |
| 50 | 188 | 196 | 199 | 199 | 200 | | | | | | | | | | | | | | |
| 55 | 165 | 174 | 176 | 177 | 177 | | | | | | | | | | | | | | |
| 60 | 141 | 149 | 152 | 153 | 153 | | | | | | | | | | | | | | |
| 65 | 115 | 123 | 127 | 127 | 128 | | | | | | | | | | | | | | |
| 70 | 87.6 | 94.4 | 99.4 | 99.9 | 101 | | | | | | | | | | | | | | |
| 75 | 60.2 | 66.9 | 72.0 | 72.7 | 74.1 | | | | | | | | | | | | | | |
| 80 | 32.4 | 41.3 | 45.5 | 46.4 | 48.0 | | | | | | | | | | | | | | |
| 85 | 14.7 | 20.6 | 22.9 | 23.8 | 25.5 | | | | | | | | | | | | | | |
| 90 | 3.86 | 6.25 | 7.33 | 8.78 | 9.60 | | | | | | | | | | | | | | |
| 95 | 1.18 | 1.62 | 2.06 | 2.42 | 2.64 | | | | | | | | | | | | | | |
| 100 | 1.14 | 1.25 | 1.45 | 1.54 | 1.80 | | | | | | | | | | | | | | |
| 105 | 1.30 | 1.27 | 1.27 | 1.34 | 1.45 | | | | | | | | | | | | | | |
| 110 | 1.48 | 1.44 | 1.41 | 1.43 | 1.45 | | | | | | | | | | | | | | |
| 115 | 1.67 | 1.63 | 1.60 | 1.60 | 1.59 | | | | | | | | | | | | | | |
| 120 | 1.86 | 1.81 | 1.78 | 1.79 | 1.77 | | | | | | | | | | | | | | |
| 125 | 2.04 | 1.99 | 1.97 | 1.97 | 1.95 | | | | | | | | | | | | | | |
| 130 | 2.22 | 2.17 | 2.15 | 2.15 | 2.12 | | | | | | | | | | | | | | |
| 135 | 2.39 | 2.35 | 2.33 | 2.33 | 2.31 | | | | | | | | | | | | | | |
| 140 | 2.56 | 2.51 | 2.50 | 2.50 | 2.49 | | | | | | | | | | | | | | |
| 145 | 2.71 | 2.68 | 2.66 | 2.67 | 2.67 | | | | | | | | | | | | | | |
| 150 | 2.86 | 2.83 | 2.82 | 2.84 | 2.84 | | | | | | | | | | | | | | |
| 155 | 2.99 | 2.97 | 2.97 | 2.99 | 2.99 | | | | | | | | | | | | | | |
| 160 | 3.12 | 3.11 | 3.10 | 3.13 | 3.13 | | | | | | | | | | | | | | |
| 165 | 3.24 | 3.23 | 3.23 | 3.26 | 3.26 | | | | | | | | | | | | | | |
| 170 | 3.35 | 3.35 | 3.34 | 3.37 | 3.38 | | | | | | | | | | | | | | |
| 175 | 3.43 | 3.44 | 3.44 | 3.46 | 3.47 | | | | | | | | | | | | | | |
| 180 | 3.49 | 3.49 | 3.50 | 3.51 | 3.53 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-07-30

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.880m [K=1.0000]
Remarks: