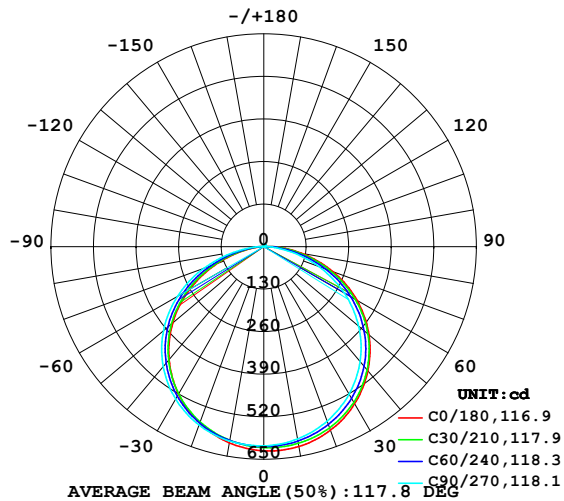


LUMINAIRE PHOTOMETRIC TEST REPORT

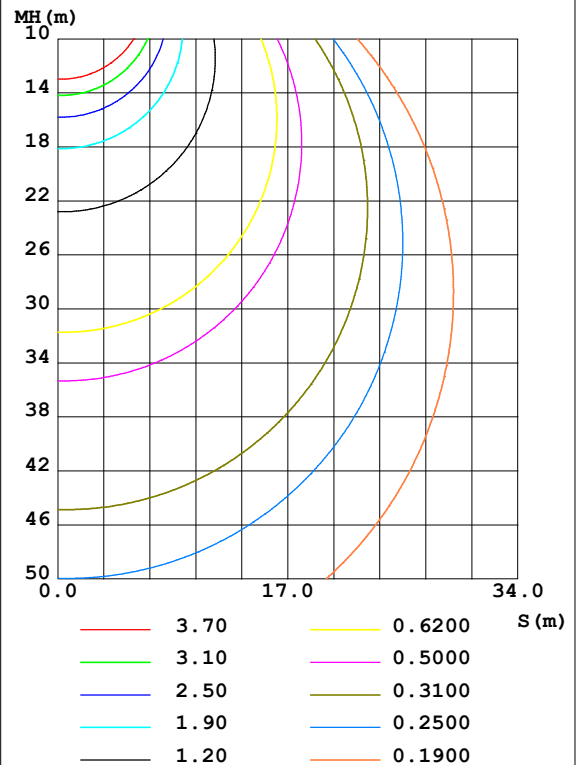
| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 145.73 lm/W | | | |
|--|---------|-----------------------------------|--------|-------------------|----------|
| W-FLS102T28W0280B-CC(WCP) (26) -30-HR-EP | | Imax(cd) | 624.7 | S/MH(C0/180) | 1.24 |
| NOMINAL POWER(W) | 12.9966 | LOR(%) | 100.0 | S/MH(C90/270) | 1.31 |
| RATED VOLTAGE(V) | DC 42 | TOTAL FLUX(lm) | 1894.0 | □ UP,DN(C0-180) | 0.7,48.9 |
| NOMINAL FLUX(lm) | 1893.99 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 0.7,49.6 |
| LAMPS INSIDE | 1 | □ up(%) | 1.5 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | DC 42 | □ down(%) | 98.5 | 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: 2021-06-18

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 4.978m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

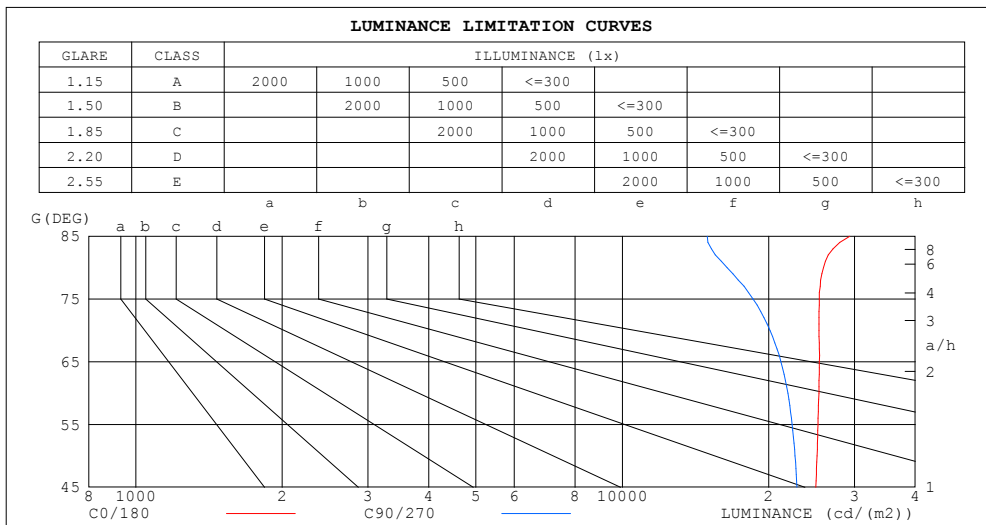
| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10 | 620.1 | 606.4 | 596.6 | 595.1 | 608.6 | 599.6 | 603.0 | 608.2 | 0- 10 | 58.10 | 58.10 | 3.07,3.07 |
| 20 | 596.9 | 583.7 | 567.2 | 562.3 | 574.1 | 570.2 | 579.7 | 588.8 | 10- 20 | 167.5 | 225.6 | 11.9,11.9 |
| 30 | 555.0 | 543.5 | 521.1 | 512.2 | 520.9 | 522.8 | 538.3 | 550.9 | 20- 30 | 257.0 | 482.6 | 25.5,25.5 |
| 40 | 495.2 | 485.0 | 458.3 | 444.7 | 450.2 | 457.1 | 478.6 | 494.0 | 30- 40 | 315.2 | 797.8 | 42.1,42.1 |
| 50 | 420.0 | 409.8 | 378.7 | 360.9 | 363.4 | 374.2 | 400.4 | 418.9 | 40- 50 | 333.7 | 1131 | 59.7,59.7 |
| 60 | 329.6 | 317.9 | 284.5 | 262.0 | 261.6 | 275.4 | 305.3 | 326.9 | 50- 60 | 308.1 | 1440 | 76,76 |
| 70 | 225.6 | 211.7 | 179.0 | 154.2 | 151.1 | 164.3 | 195.6 | 220.7 | 60- 70 | 239.8 | 1679 | 88.7,88.7 |
| 80 | 117.0 | 102.9 | 74.19 | 54.42 | 48.87 | 59.94 | 85.01 | 109.2 | 70- 80 | 140.8 | 1820 | 96.1,96.1 |
| 90 | 26.58 | 20.75 | 7.482 | 5.659 | 5.328 | 6.054 | 5.740 | 22.97 | 80- 90 | 45.91 | 1866 | 98.5,98.5 |
| 100 | 2.789 | 2.630 | 2.390 | 2.738 | 2.839 | 2.709 | 2.149 | 2.477 | 90-100 | 5.648 | 1872 | 98.8,98.8 |
| 110 | 2.733 | 2.834 | 3.065 | 3.307 | 3.344 | 3.345 | 2.804 | 2.760 | 100-110 | 2.896 | 1875 | 99,99 |
| 120 | 3.367 | 3.556 | 3.859 | 4.067 | 4.152 | 4.111 | 3.567 | 3.463 | 110-120 | 3.352 | 1878 | 99.2,99.2 |
| 130 | 4.060 | 4.254 | 4.598 | 4.613 | 4.910 | 4.505 | 4.306 | 4.179 | 120-130 | 3.670 | 1882 | 99.3,99.3 |
| 140 | 4.755 | 4.981 | 5.282 | 5.271 | 5.338 | 5.097 | 5.000 | 4.890 | 130-140 | 3.680 | 1885 | 99.5,99.5 |
| 150 | 5.452 | 5.661 | 5.889 | 5.883 | 5.831 | 5.715 | 5.643 | 5.566 | 140-150 | 3.380 | 1889 | 99.7,99.7 |
| 160 | 6.158 | 6.254 | 6.410 | 6.410 | 6.410 | 6.270 | 6.222 | 6.165 | 150-160 | 2.770 | 1891 | 99.9,99.9 |
| 170 | 6.748 | 6.758 | 6.829 | 6.834 | 6.899 | 6.756 | 6.731 | 6.689 | 160-170 | 1.846 | 1893 | 100,100 |
| 180 | 7.140 | 7.058 | 7.057 | 7.054 | 7.146 | 7.055 | 7.058 | 7.049 | 170-180 | 0.6581 | 1894 | 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:2021-06-18

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.978m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 29335 | 14960 |
| 80 | 25919 | 16431 |
| 75 | 25413 | 18568 |
| 70 | 25372 | 20126 |
| 65 | 25418 | 21176 |
| 60 | 25355 | 21888 |
| 55 | 25257 | 22348 |
| 50 | 25132 | 22658 |
| 45 | 24993 | 22868 |

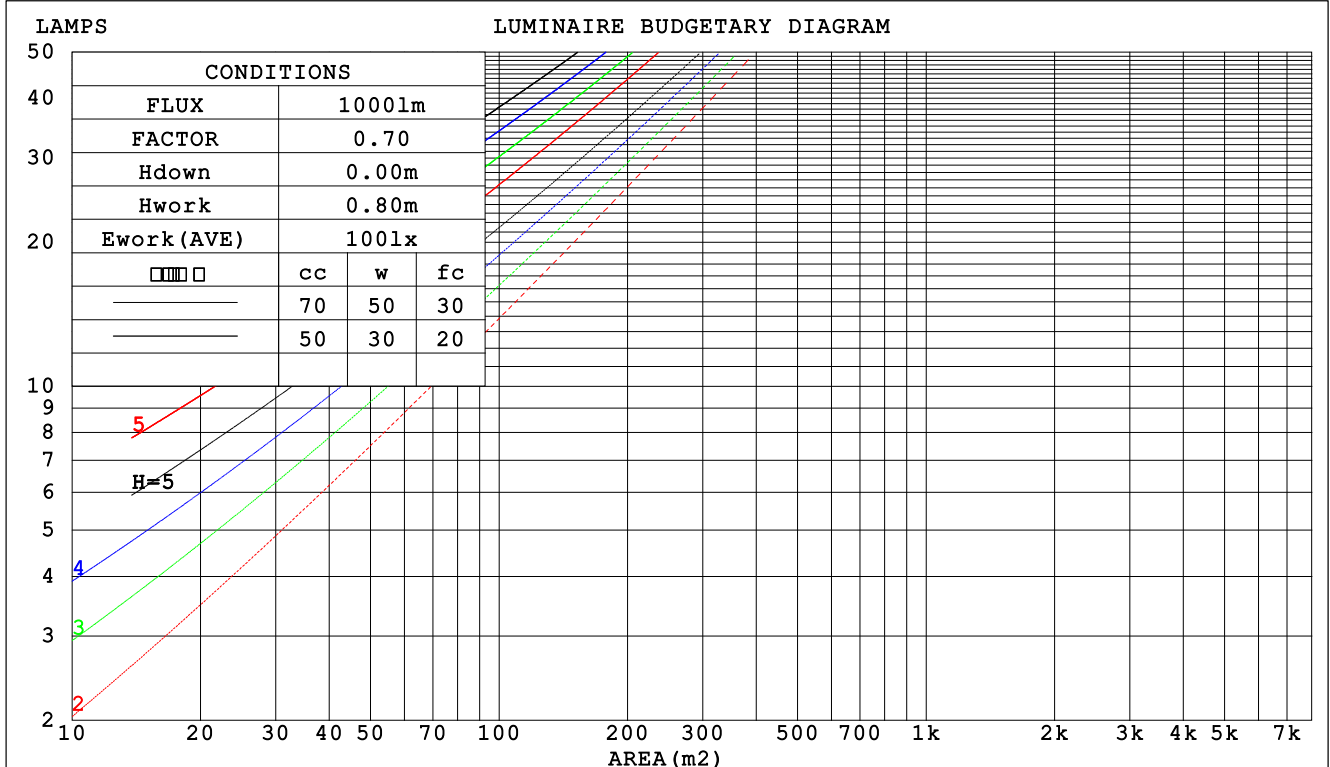
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | 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: 2021-06-18

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | 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 | .320 | .182 | .058 | .312 | .178 | .057 | .298 | .171 | .055 | .285 | .165 | .053 | .273 | .158 | .051 | | |
| 2.0 | .299 | .164 | .050 | .292 | .161 | .050 | .279 | .155 | .048 | .268 | .150 | .047 | .257 | .145 | .046 | | |
| 3.0 | .275 | .146 | .044 | .269 | .144 | .043 | .258 | .140 | .043 | .248 | .136 | .042 | .238 | .132 | .041 | | |
| 4.0 | .253 | .132 | .039 | .248 | .130 | .038 | .238 | .126 | .038 | .229 | .123 | .037 | .220 | .120 | .036 | | |
| 5.0 | .234 | .119 | .034 | .229 | .117 | .034 | .220 | .115 | .034 | .212 | .112 | .033 | .204 | .109 | .033 | | |
| 6.0 | .216 | .108 | .031 | .212 | .107 | .031 | .204 | .105 | .030 | .197 | .102 | .030 | .190 | .100 | .030 | | |
| 7.0 | .201 | .099 | .028 | .197 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .177 | .092 | .027 | | |
| 8.0 | .187 | .092 | .026 | .184 | .091 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .166 | .085 | .025 | | |
| 9.0 | .176 | .085 | .024 | .173 | .084 | .024 | .167 | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 | | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .076 | .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 | .202 | .202 | .202 | .172 | .172 | .172 | .118 | .118 | .118 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .192 | .167 | .145 | .165 | .144 | .125 | .113 | .099 | .086 | .065 | .057 | .050 | .021 | .018 | .016 | |
| 2.0 | .185 | .143 | .109 | .158 | .123 | .094 | .108 | .085 | .065 | .062 | .050 | .038 | .020 | .016 | .013 | |
| 3.0 | .177 | .126 | .085 | .152 | .109 | .074 | .104 | .075 | .052 | .060 | .044 | .030 | .019 | .014 | .010 | |
| 4.0 | .169 | .113 | .069 | .145 | .097 | .060 | .100 | .068 | .042 | .058 | .040 | .025 | .019 | .013 | .008 | |
| 5.0 | .162 | .102 | .058 | .139 | .088 | .051 | .096 | .062 | .036 | .055 | .036 | .021 | .018 | .012 | .007 | |
| 6.0 | .155 | .094 | .050 | .133 | .081 | .044 | .092 | .057 | .031 | .053 | .033 | .018 | .017 | .011 | .006 | |
| 7.0 | .148 | .087 | .045 | .127 | .075 | .039 | .088 | .053 | .027 | .051 | .031 | .016 | .016 | .010 | .005 | |
| 8.0 | .141 | .081 | .040 | .122 | .071 | .035 | .084 | .050 | .025 | .049 | .029 | .015 | .016 | .010 | .005 | |
| 9.0 | .135 | .076 | .037 | .116 | .066 | .032 | .081 | .047 | .023 | .047 | .028 | .014 | .015 | .009 | .004 | |
| 10.0 | .129 | .072 | .034 | .112 | .063 | .030 | .077 | .044 | .021 | .045 | .026 | .013 | .015 | .009 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.978m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|-----------------------|---------------|----------------|-------------------------|------|------|------|
| NAME: LED Strip | | | | | TYPE: Indoor lighting | | | WEIGHT: 20g | | | |
| SPEC.: 2835 280LED | | | | | DIM.: 500*26*1mm | | | SERIAL No.: 20210616018 | | | |
| MFR.: EVERFINE | | | | | SUR.: 500*26mm | | | 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 | 22.2 | 23.7 | 22.4 | 23.9 | 24.1 | 21.6 | 23.2 | 21.9 | 23.4 | 23.6 |
| | 3H | 24.0 | 25.4 | 24.3 | 25.6 | 25.9 | 23.2 | 24.6 | 23.5 | 24.9 | 25.1 |
| | 4H | 24.8 | 26.1 | 25.1 | 26.4 | 26.7 | 23.8 | 25.1 | 24.1 | 25.4 | 25.7 |
| | 6H | 25.4 | 26.7 | 25.8 | 27.0 | 27.3 | 24.2 | 25.5 | 24.6 | 25.8 | 26.1 |
| | 8H | 25.7 | 26.9 | 26.1 | 27.2 | 27.6 | 24.4 | 25.6 | 24.7 | 25.9 | 26.2 |
| | 12H | 26.0 | 27.1 | 26.3 | 27.4 | 27.8 | 24.4 | 25.6 | 24.8 | 25.9 | 26.3 |
| 4H | 2H | 22.8 | 24.1 | 23.1 | 24.4 | 24.7 | 22.4 | 23.7 | 22.7 | 24.0 | 24.3 |
| | 3H | 24.8 | 26.0 | 25.2 | 26.3 | 26.6 | 24.1 | 25.3 | 24.5 | 25.6 | 26.0 |
| | 4H | 25.7 | 26.8 | 26.1 | 27.1 | 27.5 | 24.9 | 26.0 | 25.3 | 26.3 | 26.7 |
| | 6H | 26.6 | 27.5 | 27.0 | 27.9 | 28.3 | 25.5 | 26.4 | 25.9 | 26.8 | 27.2 |
| | 8H | 26.9 | 27.8 | 27.3 | 28.2 | 28.6 | 25.7 | 26.5 | 26.1 | 26.9 | 27.4 |
| | 12H | 27.2 | 28.0 | 27.7 | 28.5 | 28.9 | 25.8 | 26.6 | 26.2 | 27.0 | 27.5 |
| 8H | 4H | 26.0 | 26.9 | 26.5 | 27.3 | 27.7 | 25.3 | 26.2 | 25.7 | 26.6 | 27.0 |
| | 6H | 27.0 | 27.8 | 27.5 | 28.2 | 28.7 | 26.0 | 26.8 | 26.5 | 27.2 | 27.7 |
| | 8H | 27.5 | 28.2 | 28.0 | 28.6 | 29.1 | 26.3 | 27.0 | 26.8 | 27.5 | 27.9 |
| | 12H | 27.9 | 28.5 | 28.4 | 29.0 | 29.5 | 26.6 | 27.1 | 27.1 | 27.6 | 28.1 |
| 12H | 4H | 26.0 | 26.8 | 26.5 | 27.3 | 27.7 | 25.3 | 26.2 | 25.8 | 26.6 | 27.0 |
| | 6H | 27.1 | 27.8 | 27.6 | 28.2 | 28.7 | 26.2 | 26.8 | 26.7 | 27.3 | 27.8 |
| | 8H | 27.6 | 28.2 | 28.1 | 28.7 | 29.2 | 26.5 | 27.1 | 27.0 | 27.6 | 28.1 |
| 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 / - 0.3 | | | | | + 0.2 / - 0.5 | | | | | |

CIE Pub.117, 1894 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.2$)
Area: 0.026 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.978m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |

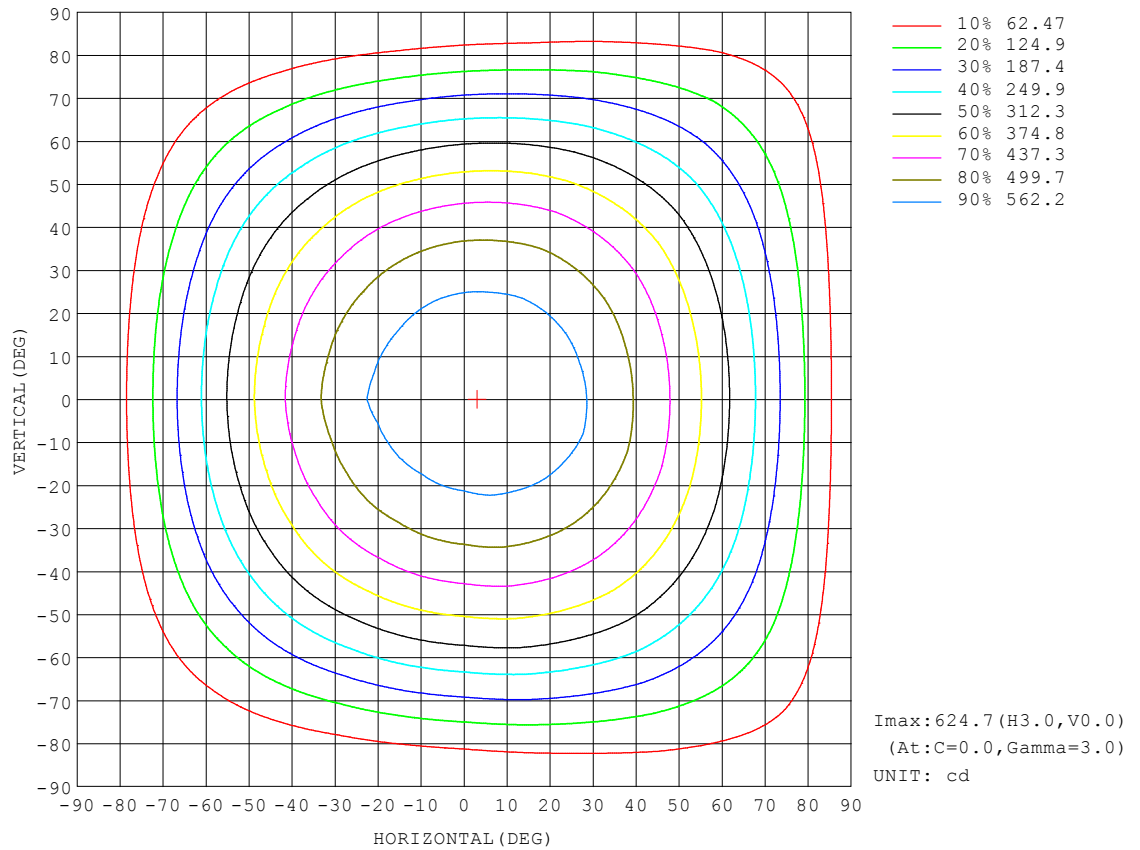
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 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 | 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 | 76 | 69 | 82 | 74 | 68 | 60 |
| 2.00 | 94 | 85 | 78 | 92 | 84 | 77 | 88 | 81 | 76 | 67 |
| 2.50 | 98 | 90 | 83 | 96 | 88 | 82 | 91 | 85 | 80 | 72 |
| 3.00 | 101 | 94 | 88 | 99 | 92 | 87 | 95 | 89 | 85 | 76 |
| 4.00 | 105 | 99 | 94 | 103 | 97 | 93 | 98 | 94 | 90 | 81 |
| 5.00 | 108 | 103 | 98 | 105 | 101 | 97 | 100 | 97 | 94 | 84 |
| 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: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |

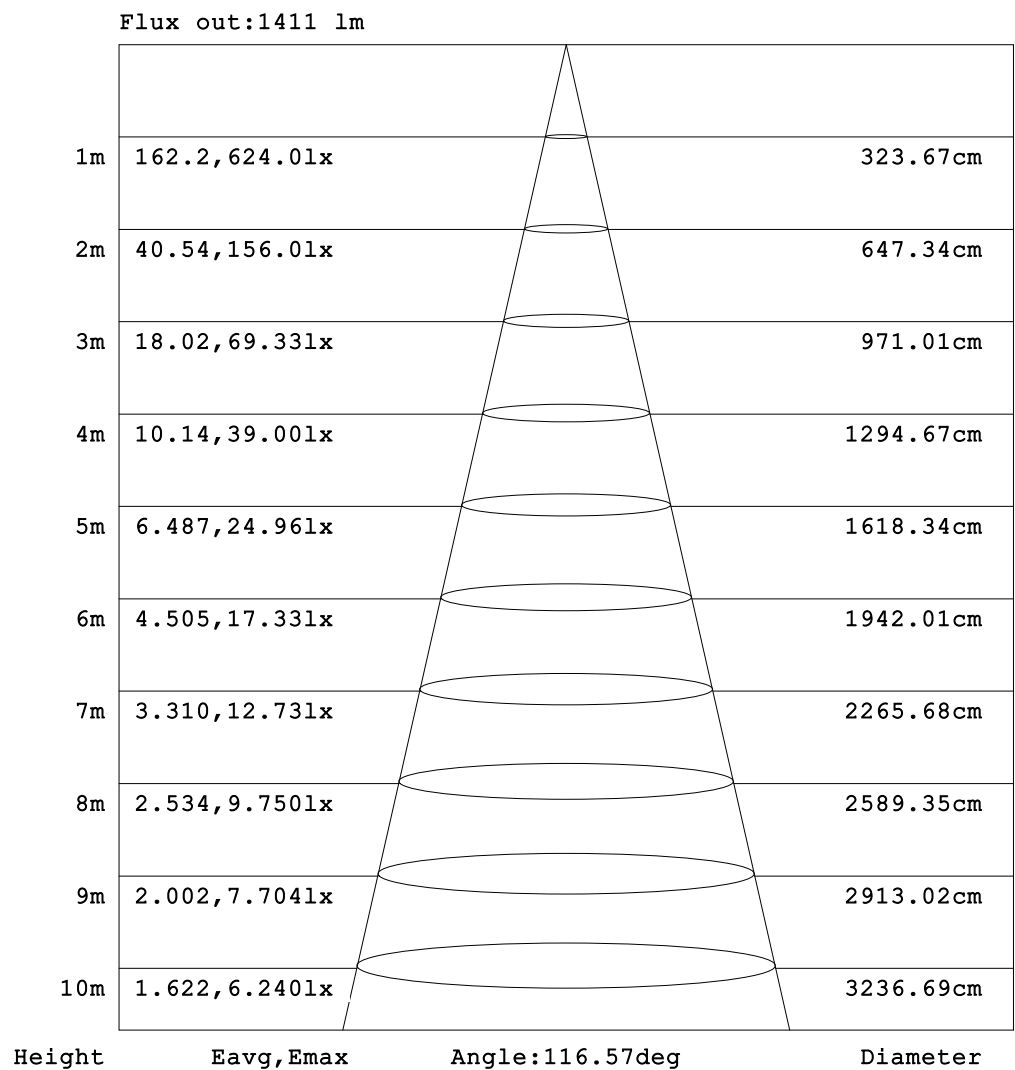


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |



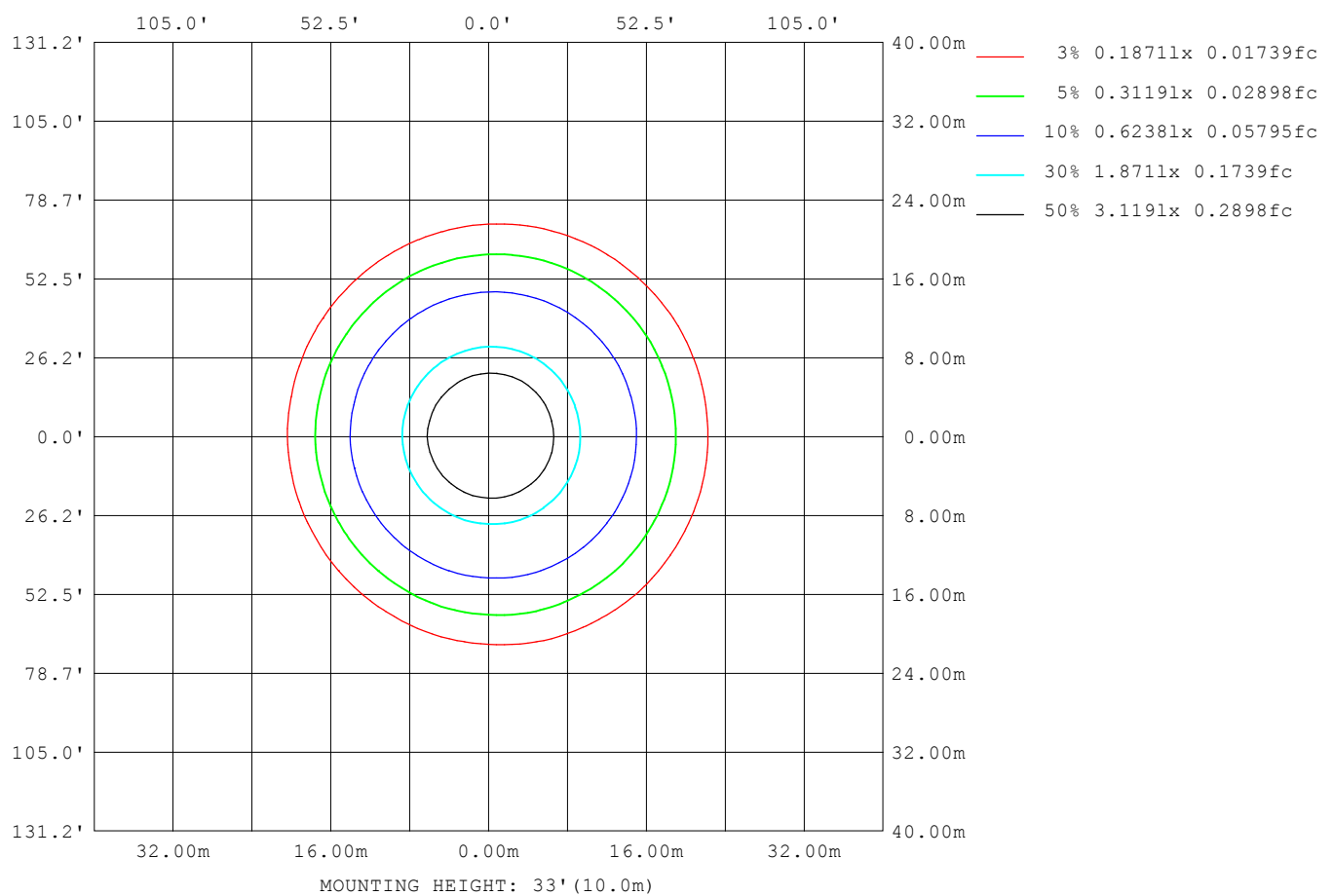
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:4.978m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |

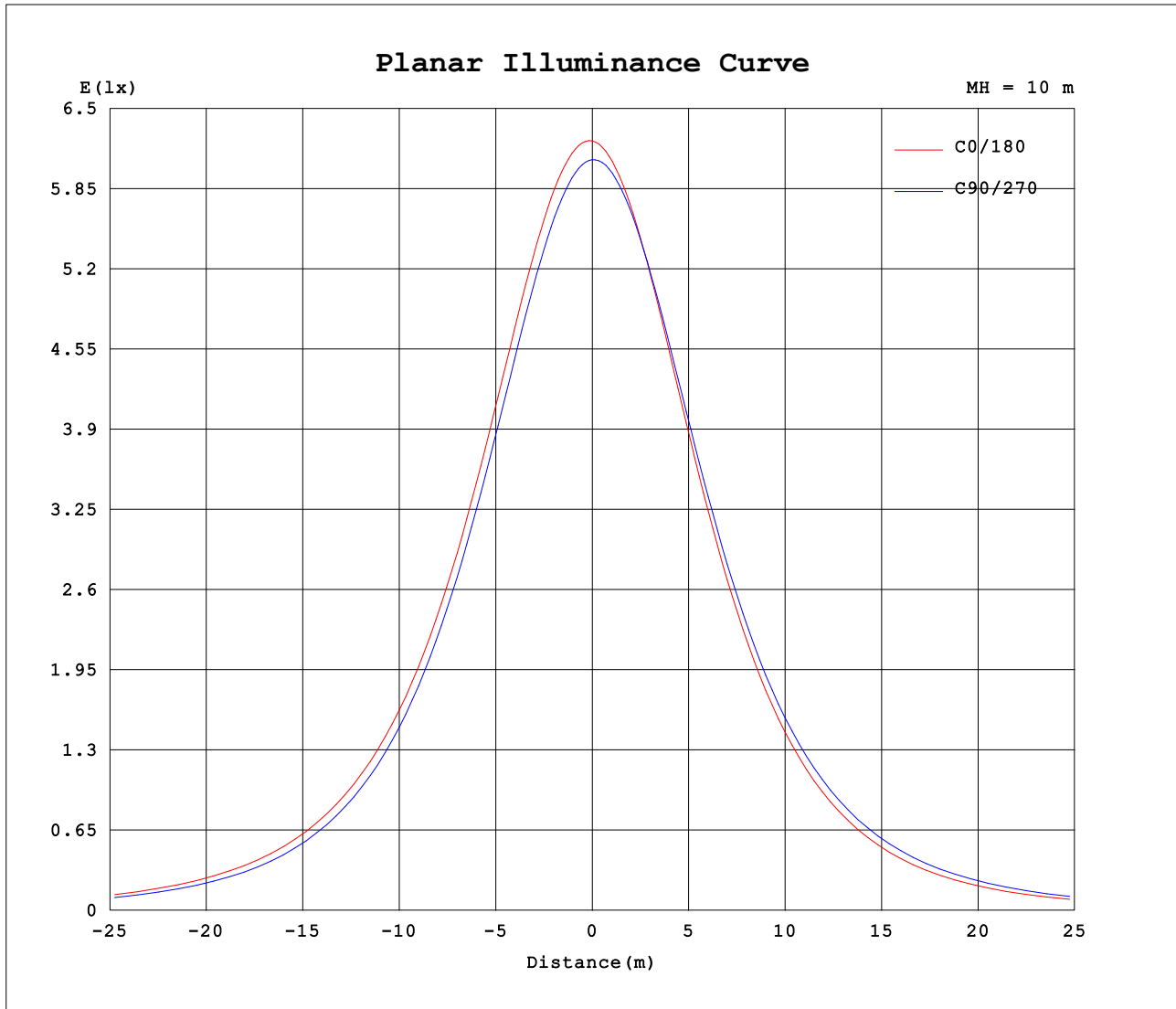
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 22107 |
| L_0~180 (75) av | 19894 |
| L_0~180 (85) av | 18223 |
| L_90~270 (65) av | 22044 |
| L_90~270 (75) av | 19558 |
| L_90~270 (85) av | 16410 |
| L_45 (65) av | 22088 |
| L_45 (75) av | 19769 |
| L_45 (85) av | 17453 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [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: 2021-06-18

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 4.978m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | 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 | 624 | 620 | 614 | 612 | 611 | 610 | 609 | 608 | 609 | 610 | 613 | 617 | 624 | 620 | 614 | 612 | 611 | 610 | 609 |
| 5 | 624 | 621 | 614 | 611 | 609 | 608 | 605 | 604 | 604 | 605 | 608 | 611 | 618 | 614 | 609 | 608 | 608 | 609 | 608 |
| 10 | 620 | 618 | 610 | 606 | 603 | 601 | 597 | 595 | 594 | 595 | 597 | 600 | 609 | 604 | 601 | 600 | 601 | 603 | 603 |
| 15 | 611 | 610 | 602 | 597 | 593 | 589 | 584 | 582 | 580 | 581 | 583 | 585 | 594 | 589 | 587 | 587 | 590 | 592 | 594 |
| 20 | 597 | 596 | 589 | 584 | 578 | 574 | 567 | 565 | 562 | 562 | 563 | 566 | 574 | 570 | 570 | 570 | 574 | 577 | 580 |
| 25 | 578 | 579 | 571 | 566 | 559 | 554 | 546 | 543 | 539 | 539 | 540 | 542 | 550 | 546 | 547 | 549 | 553 | 558 | 561 |
| 30 | 555 | 556 | 550 | 543 | 536 | 530 | 521 | 517 | 512 | 512 | 511 | 513 | 521 | 518 | 520 | 523 | 528 | 534 | 538 |
| 35 | 527 | 529 | 523 | 517 | 509 | 502 | 492 | 487 | 481 | 481 | 479 | 481 | 488 | 486 | 489 | 492 | 498 | 505 | 511 |
| 40 | 495 | 497 | 491 | 485 | 477 | 469 | 458 | 453 | 446 | 445 | 442 | 444 | 450 | 450 | 453 | 457 | 465 | 472 | 479 |
| 45 | 459 | 461 | 455 | 449 | 441 | 433 | 420 | 414 | 407 | 405 | 402 | 403 | 409 | 409 | 413 | 418 | 426 | 434 | 442 |
| 50 | 420 | 421 | 415 | 410 | 401 | 392 | 379 | 372 | 364 | 361 | 357 | 359 | 363 | 364 | 369 | 374 | 383 | 391 | 400 |
| 55 | 377 | 376 | 371 | 366 | 356 | 347 | 333 | 326 | 317 | 313 | 309 | 310 | 314 | 315 | 321 | 327 | 336 | 345 | 355 |
| 60 | 330 | 328 | 323 | 318 | 307 | 299 | 285 | 276 | 267 | 262 | 258 | 258 | 262 | 263 | 269 | 275 | 285 | 295 | 305 |
| 65 | 279 | 278 | 271 | 266 | 256 | 247 | 233 | 224 | 214 | 209 | 204 | 204 | 207 | 207 | 214 | 221 | 231 | 240 | 252 |
| 70 | 226 | 224 | 217 | 212 | 202 | 192 | 179 | 170 | 160 | 154 | 150 | 149 | 151 | 152 | 158 | 164 | 175 | 184 | 196 |
| 75 | 171 | 169 | 163 | 156 | 147 | 137 | 125 | 116 | 106 | 101 | 96.7 | 95.7 | 96.7 | 98.3 | 104 | 110 | 119 | 128 | 138 |
| 80 | 117 | 115 | 109 | 103 | 93.9 | 85.6 | 74.2 | 66.9 | 58.6 | 54.4 | 49.6 | 48.7 | 48.9 | 49.8 | 54.8 | 59.9 | 68.2 | 75.6 | 85.0 |
| 85 | 66.5 | 65.3 | 59.9 | 55.7 | 48.5 | 41.6 | 33.9 | 28.4 | 23.1 | 19.9 | 17.2 | 16.5 | 16.1 | 16.6 | 20.0 | 22.7 | 28.1 | 33.2 | 40.5 |
| 90 | 26.6 | 26.3 | 23.4 | 20.8 | 17.0 | 13.4 | 7.48 | 6.82 | 6.09 | 5.66 | 5.19 | 5.48 | 5.33 | 5.62 | 6.25 | 6.05 | 6.23 | 6.32 | 5.74 |
| 95 | 6.17 | 6.13 | 5.08 | 4.60 | 3.74 | 3.15 | 2.37 | 2.89 | 2.96 | 3.05 | 3.35 | 3.41 | 3.48 | 3.47 | 3.70 | 3.42 | 2.64 | 2.41 | 2.06 |
| 100 | 2.79 | 2.83 | 2.72 | 2.63 | 2.54 | 2.46 | 2.39 | 2.70 | 2.89 | 2.74 | 2.71 | 2.71 | 2.84 | 2.82 | 2.84 | 2.71 | 2.46 | 2.40 | 2.15 |
| 105 | 2.55 | 2.59 | 2.59 | 2.59 | 2.58 | 2.63 | 2.65 | 2.76 | 3.10 | 2.94 | 2.91 | 2.88 | 2.99 | 2.97 | 2.96 | 2.91 | 2.81 | 2.57 | 2.42 |
| 110 | 2.73 | 2.77 | 2.80 | 2.83 | 2.91 | 2.99 | 3.06 | 3.10 | 3.42 | 3.31 | 3.26 | 3.22 | 3.34 | 3.34 | 3.32 | 3.34 | 3.21 | 2.86 | 2.80 |
| 115 | 3.03 | 3.06 | 3.12 | 3.19 | 3.28 | 3.37 | 3.47 | 3.49 | 3.62 | 3.72 | 3.66 | 3.61 | 3.74 | 3.75 | 3.76 | 3.77 | 3.54 | 3.24 | 3.19 |
| 120 | 3.37 | 3.40 | 3.48 | 3.56 | 3.65 | 3.77 | 3.86 | 3.87 | 3.92 | 4.07 | 4.09 | 4.02 | 4.15 | 4.18 | 4.19 | 4.11 | 3.72 | 3.61 | 3.57 |
| 125 | 3.71 | 3.75 | 3.83 | 3.91 | 3.99 | 4.11 | 4.23 | 4.25 | 4.27 | 4.35 | 4.47 | 4.44 | 4.57 | 4.59 | 4.55 | 4.29 | 4.03 | 3.99 | 3.94 |
| 130 | 4.06 | 4.11 | 4.20 | 4.25 | 4.36 | 4.49 | 4.60 | 4.62 | 4.61 | 4.61 | 4.75 | 4.78 | 4.91 | 4.87 | 4.72 | 4.51 | 4.38 | 4.35 | 4.31 |
| 135 | 4.41 | 4.48 | 4.53 | 4.62 | 4.73 | 4.84 | 4.95 | 4.97 | 4.96 | 4.94 | 4.98 | 5.04 | 5.15 | 5.10 | 4.94 | 4.78 | 4.72 | 4.70 | 4.66 |
| 140 | 4.75 | 4.85 | 4.90 | 4.98 | 5.08 | 5.19 | 5.28 | 5.30 | 5.29 | 5.27 | 5.24 | 5.25 | 5.34 | 5.25 | 5.15 | 5.10 | 5.06 | 5.03 | 5.00 |
| 145 | 5.10 | 5.22 | 5.25 | 5.33 | 5.41 | 5.51 | 5.59 | 5.62 | 5.61 | 5.59 | 5.55 | 5.51 | 5.55 | 5.49 | 5.44 | 5.41 | 5.37 | 5.36 | 5.33 |
| 150 | 5.45 | 5.55 | 5.60 | 5.66 | 5.73 | 5.83 | 5.89 | 5.92 | 5.90 | 5.88 | 5.84 | 5.80 | 5.83 | 5.77 | 5.74 | 5.71 | 5.69 | 5.67 | 5.64 |
| 155 | 5.81 | 5.88 | 5.93 | 5.97 | 6.03 | 6.11 | 6.16 | 6.19 | 6.17 | 6.16 | 6.12 | 6.08 | 6.13 | 6.04 | 6.02 | 6.00 | 5.98 | 5.96 | 5.94 |
| 160 | 6.16 | 6.19 | 6.22 | 6.25 | 6.30 | 6.37 | 6.41 | 6.44 | 6.42 | 6.41 | 6.37 | 6.35 | 6.41 | 6.31 | 6.29 | 6.27 | 6.25 | 6.24 | 6.22 |
| 165 | 6.47 | 6.48 | 6.49 | 6.52 | 6.55 | 6.60 | 6.64 | 6.66 | 6.65 | 6.64 | 6.61 | 6.59 | 6.68 | 6.56 | 6.54 | 6.53 | 6.52 | 6.50 | 6.49 |
| 170 | 6.75 | 6.75 | 6.73 | 6.76 | 6.78 | 6.81 | 6.83 | 6.85 | 6.84 | 6.83 | 6.81 | 6.80 | 6.90 | 6.78 | 6.77 | 6.76 | 6.75 | 6.74 | 6.73 |
| 175 | 6.98 | 6.96 | 6.93 | 6.94 | 6.95 | 6.97 | 6.98 | 6.99 | 6.98 | 6.98 | 6.96 | 6.97 | 7.06 | 6.97 | 6.95 | 6.94 | 6.95 | 6.93 | 6.93 |
| 180 | 7.14 | 7.09 | 7.06 | 7.06 | 7.06 | 7.06 | 7.06 | 7.06 | 7.05 | 7.05 | 7.05 | 7.06 | 7.15 | 7.08 | 7.06 | 7.05 | 7.06 | 7.06 | 7.06 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-18

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.978m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--------------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: 2835 280LED | DIM.: 500*26*1mm | SERIAL No.: 20210616018 |
| MFR.: EVERFINE | SUR.: 500*26mm | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) □ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 608 | 609 | 610 | 613 | 617 | | | | | | | | | | | | | | |
| 5 | 608 | 610 | 611 | 615 | 619 | | | | | | | | | | | | | | |
| 10 | 604 | 606 | 608 | 612 | 615 | | | | | | | | | | | | | | |
| 15 | 595 | 598 | 601 | 604 | 607 | | | | | | | | | | | | | | |
| 20 | 582 | 586 | 589 | 592 | 594 | | | | | | | | | | | | | | |
| 25 | 565 | 570 | 572 | 575 | 576 | | | | | | | | | | | | | | |
| 30 | 543 | 549 | 551 | 553 | 553 | | | | | | | | | | | | | | |
| 35 | 516 | 523 | 525 | 526 | 526 | | | | | | | | | | | | | | |
| 40 | 485 | 492 | 494 | 496 | 495 | | | | | | | | | | | | | | |
| 45 | 449 | 457 | 459 | 461 | 459 | | | | | | | | | | | | | | |
| 50 | 409 | 417 | 419 | 422 | 420 | | | | | | | | | | | | | | |
| 55 | 364 | 372 | 375 | 378 | 377 | | | | | | | | | | | | | | |
| 60 | 315 | 323 | 327 | 331 | 330 | | | | | | | | | | | | | | |
| 65 | 262 | 270 | 275 | 280 | 280 | | | | | | | | | | | | | | |
| 70 | 206 | 215 | 221 | 227 | 226 | | | | | | | | | | | | | | |
| 75 | 148 | 158 | 165 | 171 | 172 | | | | | | | | | | | | | | |
| 80 | 92.8 | 103 | 109 | 116 | 117 | | | | | | | | | | | | | | |
| 85 | 46.0 | 54.7 | 60.0 | 65.2 | 66.8 | | | | | | | | | | | | | | |
| 90 | 14.7 | 19.4 | 23.0 | 26.4 | 26.8 | | | | | | | | | | | | | | |
| 95 | 2.53 | 3.61 | 5.13 | 6.33 | 6.52 | | | | | | | | | | | | | | |
| 100 | 2.15 | 2.30 | 2.48 | 2.64 | 2.74 | | | | | | | | | | | | | | |
| 105 | 2.41 | 2.44 | 2.50 | 2.55 | 2.57 | | | | | | | | | | | | | | |
| 110 | 2.76 | 2.74 | 2.76 | 2.78 | 2.81 | | | | | | | | | | | | | | |
| 115 | 3.14 | 3.05 | 3.10 | 3.10 | 3.12 | | | | | | | | | | | | | | |
| 120 | 3.51 | 3.47 | 3.46 | 3.46 | 3.47 | | | | | | | | | | | | | | |
| 125 | 3.88 | 3.83 | 3.81 | 3.82 | 3.83 | | | | | | | | | | | | | | |
| 130 | 4.25 | 4.20 | 4.18 | 4.18 | 4.19 | | | | | | | | | | | | | | |
| 135 | 4.60 | 4.55 | 4.54 | 4.49 | 4.55 | | | | | | | | | | | | | | |
| 140 | 4.95 | 4.90 | 4.89 | 4.88 | 4.92 | | | | | | | | | | | | | | |
| 145 | 5.28 | 5.24 | 5.23 | 5.22 | 5.26 | | | | | | | | | | | | | | |
| 150 | 5.60 | 5.57 | 5.57 | 5.56 | 5.60 | | | | | | | | | | | | | | |
| 155 | 5.91 | 5.88 | 5.87 | 5.88 | 5.91 | | | | | | | | | | | | | | |
| 160 | 6.19 | 6.17 | 6.16 | 6.18 | 6.20 | | | | | | | | | | | | | | |
| 165 | 6.46 | 6.44 | 6.44 | 6.46 | 6.48 | | | | | | | | | | | | | | |
| 170 | 6.71 | 6.70 | 6.69 | 6.71 | 6.73 | | | | | | | | | | | | | | |
| 175 | 6.92 | 6.91 | 6.90 | 6.91 | 6.93 | | | | | | | | | | | | | | |
| 180 | 7.06 | 7.06 | 7.05 | 7.05 | 7.06 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-18

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:4.978m [K=1.0000]
Remarks: