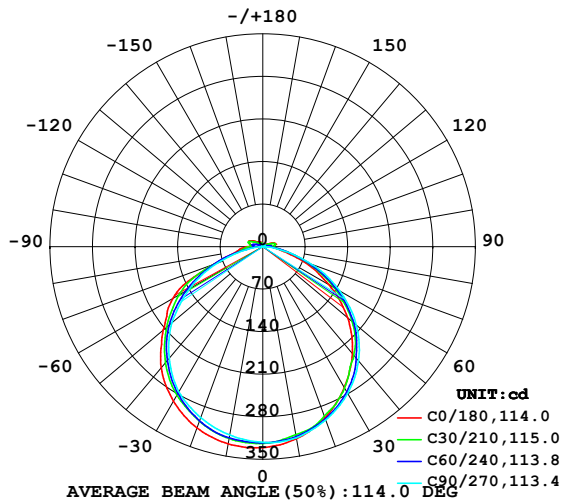


LUMINAIRE PHOTOMETRIC TEST REPORT

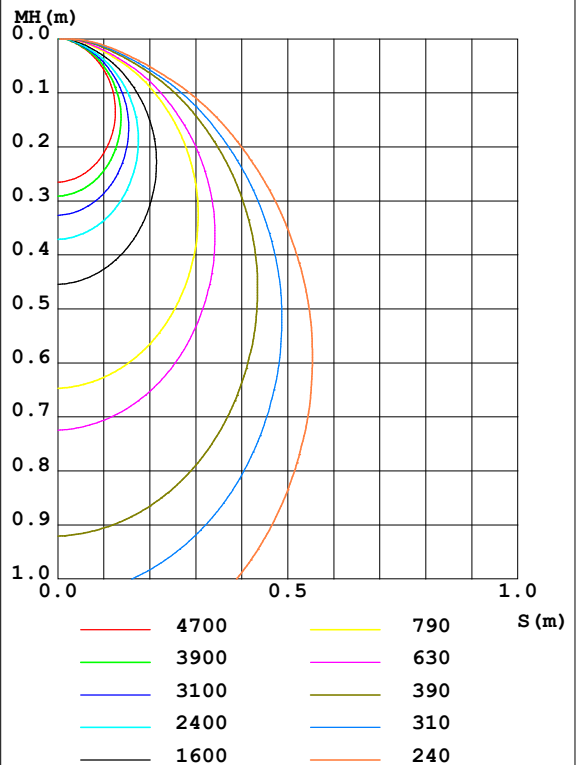
| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 107.35 lm/W | | | |
|-------------------------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL: HW-LB12WDR-01-EU-HR-HQ-CV-EP | | Imax(cd) | 331.4 | S/MH(C0/180) | 1.32 |
| NOMINAL POWER(W) | 9.14356 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 |
| RATED VOLTAGE(V) | AC 230V | TOTAL FLUX(lm) | 981.60 | □ UP,DN(C0-180) | 2.9,47.9 |
| NOMINAL FLUX(lm) | 981.597 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 3.1,46.0 |
| LAMPS INSIDE | 1 | □ up(%) | 6.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | AC 230V | □ down(%) | 94.0 | 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: 2022-01-18

□ 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:

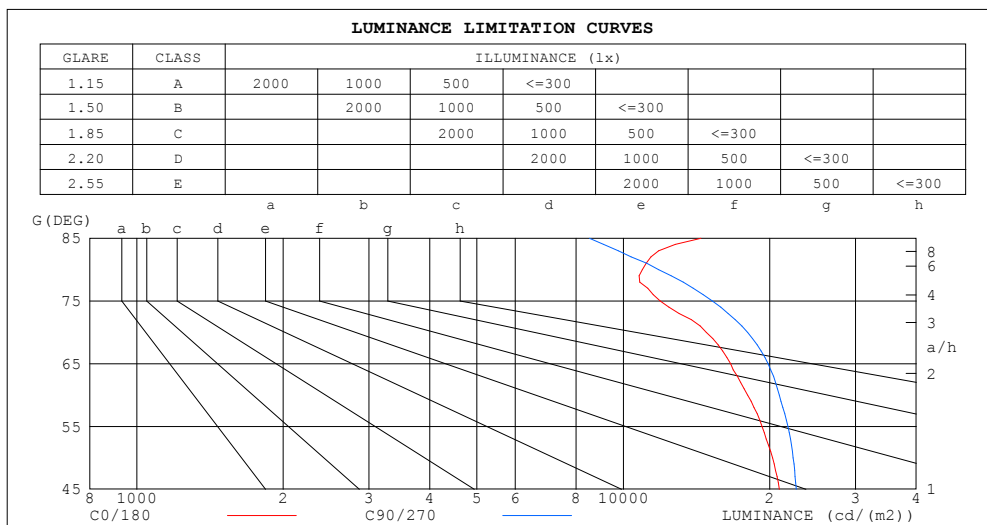
| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10 | 320.8 | 315.7 | 319.1 | 316.9 | 329.3 | 319.7 | 314.8 | 312.6 | 0- 10 | 30.45 | 30.45 | 3.1,3.1 |
| 20 | 299.7 | 300.6 | 303.2 | 306.4 | 317.1 | 305.8 | 299.2 | 291.9 | 10- 20 | 87.53 | 118.0 | 12,12 |
| 30 | 268.3 | 271.7 | 279.2 | 282.5 | 293.7 | 281.1 | 276.2 | 262.5 | 20- 30 | 133.3 | 251.2 | 25.6,25.6 |
| 40 | 229.4 | 235.7 | 245.1 | 249.4 | 260.2 | 246.5 | 239.7 | 223.7 | 30- 40 | 161.5 | 412.7 | 42,42 |
| 50 | 182.3 | 191.4 | 201.1 | 206.8 | 213.7 | 202.7 | 195.1 | 173.3 | 40- 50 | 168.4 | 581.1 | 59.2,59.2 |
| 60 | 126.1 | 135.3 | 146.5 | 156.2 | 171.0 | 151.5 | 139.4 | 117.7 | 50- 60 | 151.2 | 732.3 | 74.6,74.6 |
| 70 | 70.94 | 81.30 | 86.24 | 93.55 | 86.13 | 91.51 | 79.11 | 63.40 | 60- 70 | 111.3 | 843.7 | 85.9,85.9 |
| 80 | 26.59 | 32.68 | 28.75 | 34.88 | 42.84 | 30.83 | 23.66 | 25.70 | 70- 80 | 55.97 | 899.6 | 91.7,91.7 |
| 90 | 16.17 | 15.52 | 2.364 | 20.04 | 24.92 | 19.46 | 1.409 | 16.51 | 80- 90 | 22.59 | 922.2 | 94,94 |
| 100 | 21.58 | 19.17 | 1.225 | 22.09 | 20.40 | 21.46 | 1.304 | 18.84 | 90-100 | 16.45 | 938.7 | 95.6,95.6 |
| 110 | 17.95 | 9.749 | 1.501 | 21.01 | 24.76 | 20.32 | 1.659 | 11.72 | 100-110 | 15.90 | 954.6 | 97.2,97.2 |
| 120 | 8.352 | 3.617 | 1.872 | 11.60 | 19.30 | 11.09 | 2.059 | 5.080 | 110-120 | 10.66 | 965.2 | 98.3,98.3 |
| 130 | 4.876 | 2.442 | 2.248 | 8.018 | 12.50 | 7.976 | 2.448 | 2.957 | 120-130 | 6.159 | 971.4 | 99,99 |
| 140 | 2.852 | 2.770 | 2.618 | 6.821 | 9.695 | 6.586 | 2.811 | 3.266 | 130-140 | 3.958 | 975.4 | 99.4,99.4 |
| 150 | 3.157 | 3.061 | 3.077 | 5.185 | 8.102 | 4.753 | 3.145 | 3.656 | 140-150 | 2.850 | 978.2 | 99.7,99.7 |
| 160 | 3.448 | 3.385 | 3.393 | 3.830 | 6.065 | 3.501 | 3.432 | 3.941 | 150-160 | 1.941 | 980.1 | 99.9,99.9 |
| 170 | 3.706 | 3.633 | 3.652 | 3.745 | 3.662 | 3.613 | 3.659 | 4.105 | 160-170 | 1.088 | 981.2 | 100,100 |
| 180 | 3.812 | 3.748 | 3.797 | 4.102 | 3.814 | 3.744 | 3.785 | 4.104 | 170-180 | 0.3666 | 981.6 | 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:2022-01-18

□ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 14433 | 8520 |
| 80 | 10939 | 11826 |
| 75 | 11905 | 15238 |
| 70 | 14816 | 18011 |
| 65 | 16613 | 19848 |
| 60 | 18017 | 20926 |
| 55 | 19296 | 21814 |
| 50 | 20262 | 22351 |
| 45 | 20935 | 22677 |

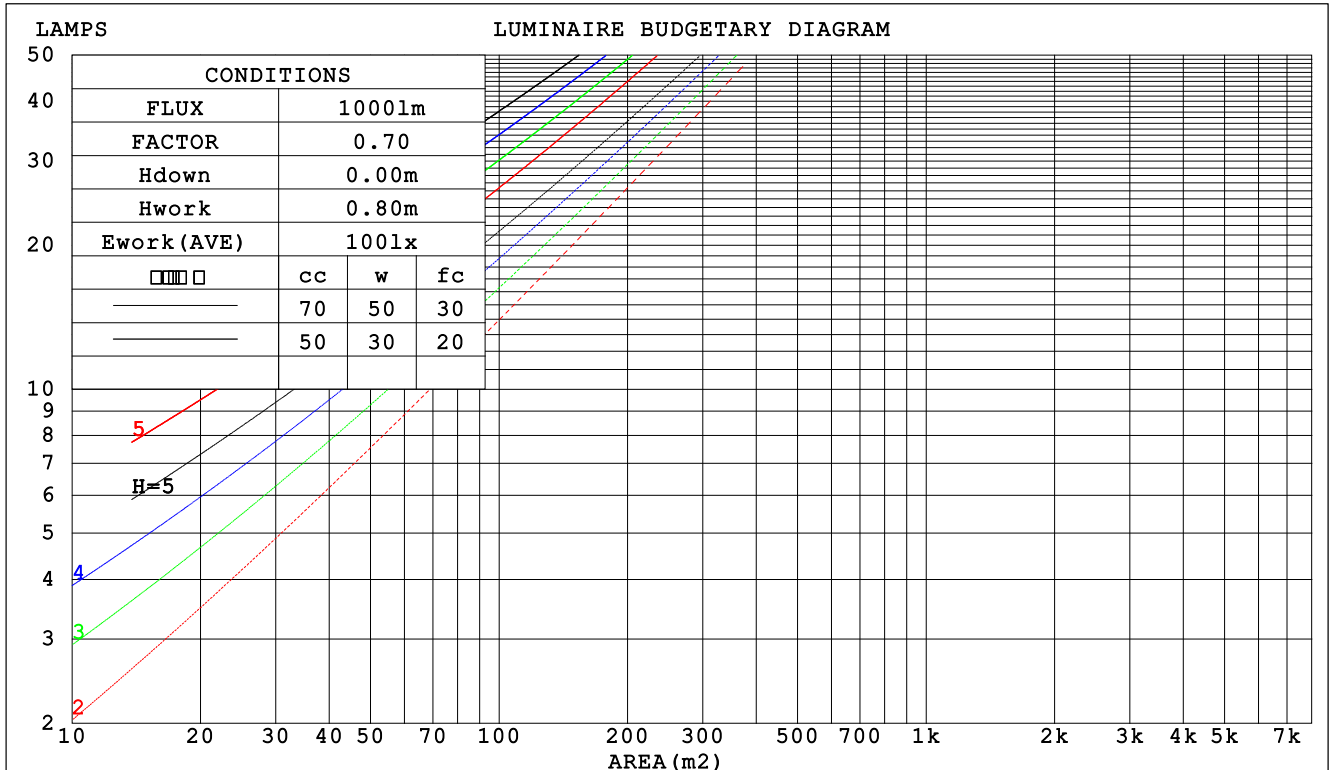
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | 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:2022-01-18

□ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | 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 | .308 .175 .055 | .299 .170 .054 | .282 .162 .052 | .267 .154 .049 | .252 .146 .047 | |
| 2.0 | .287 .158 .048 | .280 .154 .047 | .265 .147 .046 | .251 .141 .044 | .238 .135 .043 | |
| 3.0 | .266 .142 .042 | .259 .139 .042 | .246 .133 .040 | .233 .128 .039 | .222 .123 .038 | |
| 4.0 | .246 .128 .038 | .239 .125 .037 | .227 .121 .036 | .216 .116 .035 | .206 .112 .034 | |
| 5.0 | .227 .116 .034 | .222 .114 .033 | .211 .110 .032 | .201 .106 .032 | .192 .102 .031 | |
| 6.0 | .211 .106 .030 | .206 .104 .030 | .196 .101 .029 | .187 .097 .029 | .179 .094 .028 | |
| 7.0 | .196 .097 .028 | .192 .096 .027 | .183 .093 .027 | .175 .090 .026 | .167 .087 .026 | |
| 8.0 | .184 .090 .025 | .179 .088 .025 | .172 .086 .024 | .164 .083 .024 | .157 .081 .023 | |
| 9.0 | .172 .083 .023 | .168 .082 .023 | .161 .080 .023 | .154 .077 .022 | .148 .075 .022 | |
| 10.0 | .162 .078 .022 | .158 .077 .021 | .152 .074 .021 | .146 .072 .021 | .140 .070 .020 | |

| | | | | | | |
|-----------------------------|--|----------------|----------------|----------------|----------------|---|
| <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 | .237 .237 .237 | .202 .202 .202 | .138 .138 .138 | .079 .079 .079 | .025 .025 .025 | |
| 1.0 | .227 .203 .181 | .194 .174 .156 | .133 .120 .108 | .076 .069 .063 | .024 .022 .020 | |
| 2.0 | .218 .179 .145 | .187 .154 .126 | .128 .106 .088 | .074 .062 .051 | .024 .020 .017 | |
| 3.0 | .211 .161 .122 | .181 .139 .106 | .124 .097 .074 | .072 .056 .044 | .023 .018 .014 | |
| 4.0 | .203 .148 .106 | .174 .128 .092 | .120 .089 .065 | .069 .052 .038 | .022 .017 .013 | |
| 5.0 | .196 .138 .095 | .168 .119 .083 | .116 .083 .058 | .067 .049 .035 | .022 .016 .011 | |
| 6.0 | .189 .130 .087 | .162 .112 .076 | .112 .079 .054 | .065 .046 .032 | .021 .015 .011 | |
| 7.0 | .182 .123 .081 | .157 .106 .071 | .108 .075 .050 | .063 .044 .030 | .020 .014 .010 | |
| 8.0 | .176 .117 .077 | .151 .102 .067 | .105 .071 .047 | .061 .042 .028 | .020 .014 .009 | |
| 9.0 | .170 .112 .073 | .146 .097 .064 | .101 .068 .045 | .059 .040 .027 | .019 .013 .009 | |
| 10.0 | .164 .108 .071 | .142 .094 .062 | .098 .066 .044 | .057 .039 .026 | .019 .013 .009 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-01-18

☐ 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.: LED | | | | | DIM.: 1000*14*5mm | | | SERIAL No.: 20211217001 | | | |
| MFR.: EVERFINE | | | | | SUR.: 1000*14*5mm | | | 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 | 22.8 | 24.2 | 23.1 | 24.5 | 24.8 | 23.3 | 24.7 | 23.6 | 25.0 | 25.3 |
| | 3H | 24.0 | 25.3 | 24.3 | 25.6 | 26.0 | 24.7 | 26.0 | 25.1 | 26.3 | 26.7 |
| | 4H | 24.3 | 25.6 | 24.7 | 26.0 | 26.3 | 25.2 | 26.4 | 25.6 | 26.8 | 27.1 |
| | 6H | 24.6 | 25.8 | 25.0 | 26.1 | 26.5 | 25.4 | 26.6 | 25.8 | 27.0 | 27.4 |
| | 8H | 24.7 | 25.8 | 25.1 | 26.2 | 26.6 | 25.5 | 26.6 | 25.9 | 27.0 | 27.4 |
| | 12H | 24.8 | 25.9 | 25.2 | 26.3 | 26.7 | 25.5 | 26.6 | 25.9 | 27.0 | 27.4 |
| 4H | 2H | 23.4 | 24.6 | 23.8 | 25.0 | 25.3 | 23.8 | 25.0 | 24.2 | 25.4 | 25.8 |
| | 3H | 24.8 | 25.8 | 25.2 | 26.2 | 26.7 | 25.3 | 26.4 | 25.8 | 26.8 | 27.2 |
| | 4H | 25.3 | 26.2 | 25.7 | 26.7 | 27.1 | 25.9 | 26.9 | 26.4 | 27.3 | 27.8 |
| | 6H | 25.6 | 26.5 | 26.1 | 26.9 | 27.4 | 26.3 | 27.2 | 26.8 | 27.6 | 28.1 |
| | 8H | 25.8 | 26.6 | 26.3 | 27.0 | 27.6 | 26.4 | 27.2 | 26.9 | 27.7 | 28.2 |
| | 12H | 25.9 | 26.7 | 26.4 | 27.2 | 27.7 | 26.4 | 27.2 | 26.9 | 27.7 | 28.2 |
| 8H | 4H | 25.5 | 26.3 | 26.0 | 26.8 | 27.3 | 26.1 | 26.9 | 26.6 | 27.4 | 27.9 |
| | 6H | 26.0 | 26.7 | 26.5 | 27.2 | 27.7 | 26.6 | 27.3 | 27.1 | 27.8 | 28.3 |
| | 8H | 26.3 | 26.8 | 26.8 | 27.4 | 28.0 | 26.8 | 27.4 | 27.3 | 27.9 | 28.5 |
| | 12H | 26.5 | 27.1 | 27.1 | 27.6 | 28.2 | 26.9 | 27.4 | 27.5 | 28.0 | 28.6 |
| 12H | 4H | 25.5 | 26.3 | 26.0 | 26.7 | 27.3 | 26.1 | 26.8 | 26.6 | 27.3 | 27.8 |
| | 6H | 26.1 | 26.7 | 26.6 | 27.2 | 27.8 | 26.6 | 27.2 | 27.2 | 27.8 | 28.3 |
| | 8H | 26.4 | 26.9 | 26.9 | 27.4 | 28.0 | 26.9 | 27.4 | 27.4 | 27.9 | 28.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | | |
| 1.5H | + 0.3 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.3 / - 0.4 | | | | | |

CIE Pub.117, 981.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.014 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |

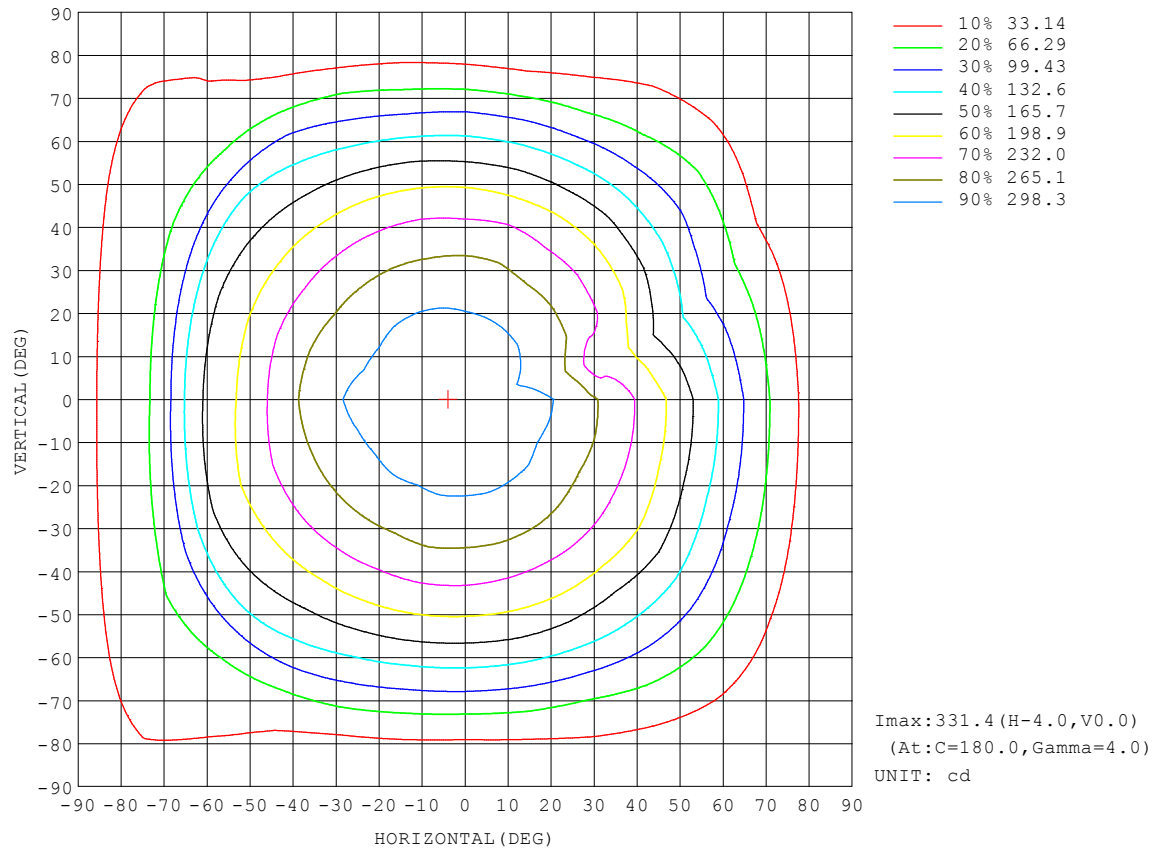
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 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 | 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 | 79 | 69 | 63 | 76 | 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 | 94 | 87 | 81 | 90 | 84 | 79 | 70 |
| 3.00 | 100 | 93 | 87 | 98 | 91 | 86 | 93 | 88 | 83 | 73 |
| 4.00 | 104 | 98 | 93 | 101 | 96 | 92 | 96 | 92 | 88 | 78 |
| 5.00 | 107 | 102 | 97 | 104 | 99 | 95 | 98 | 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: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |

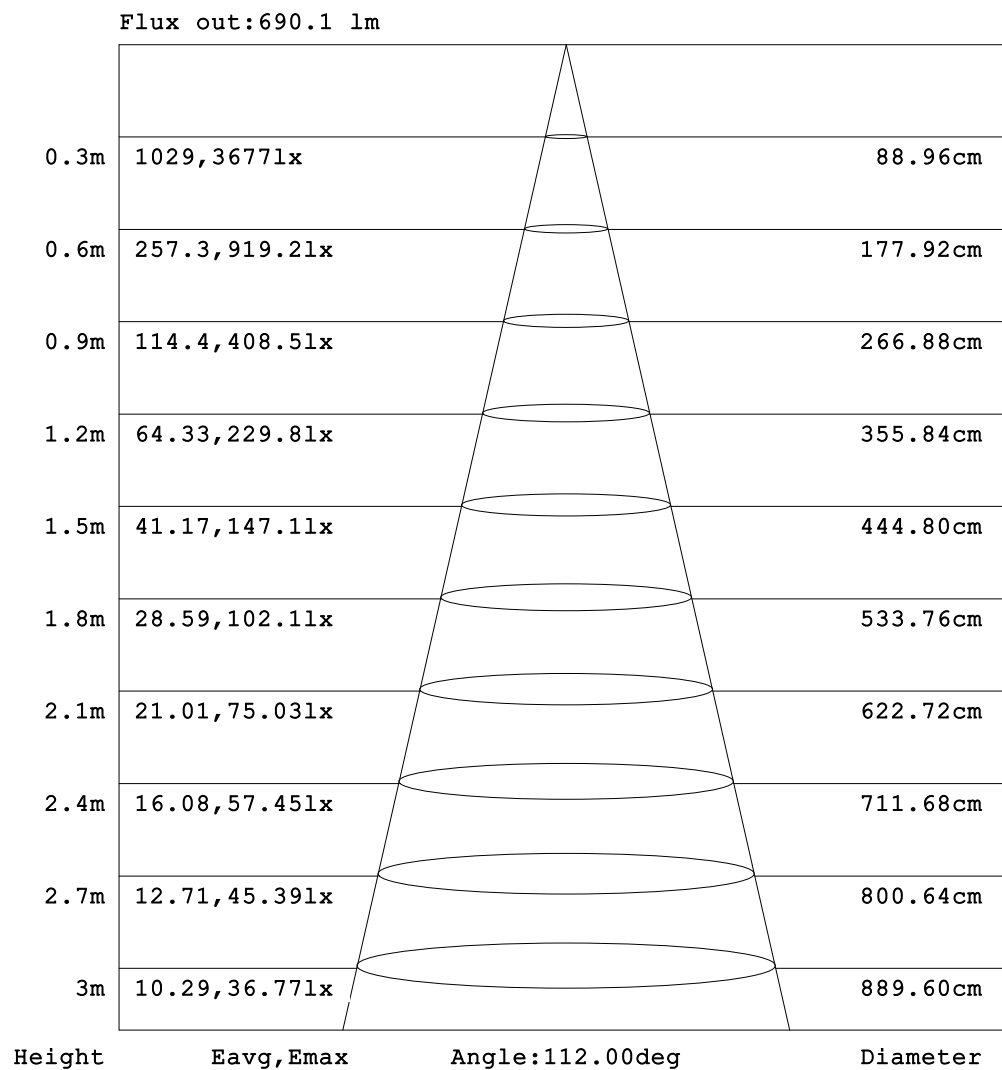


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-01-18

☐ 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 Figure

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |



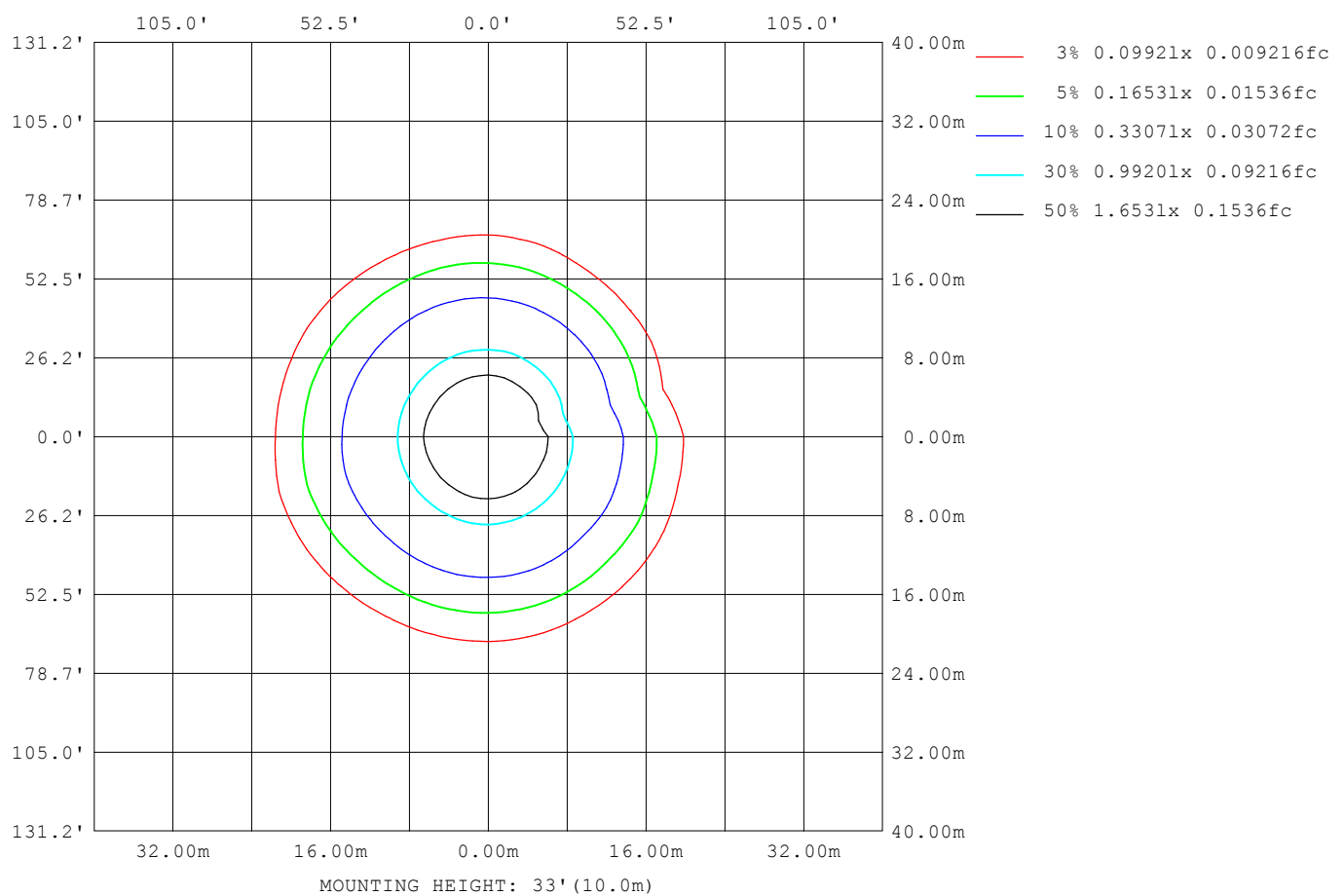
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |

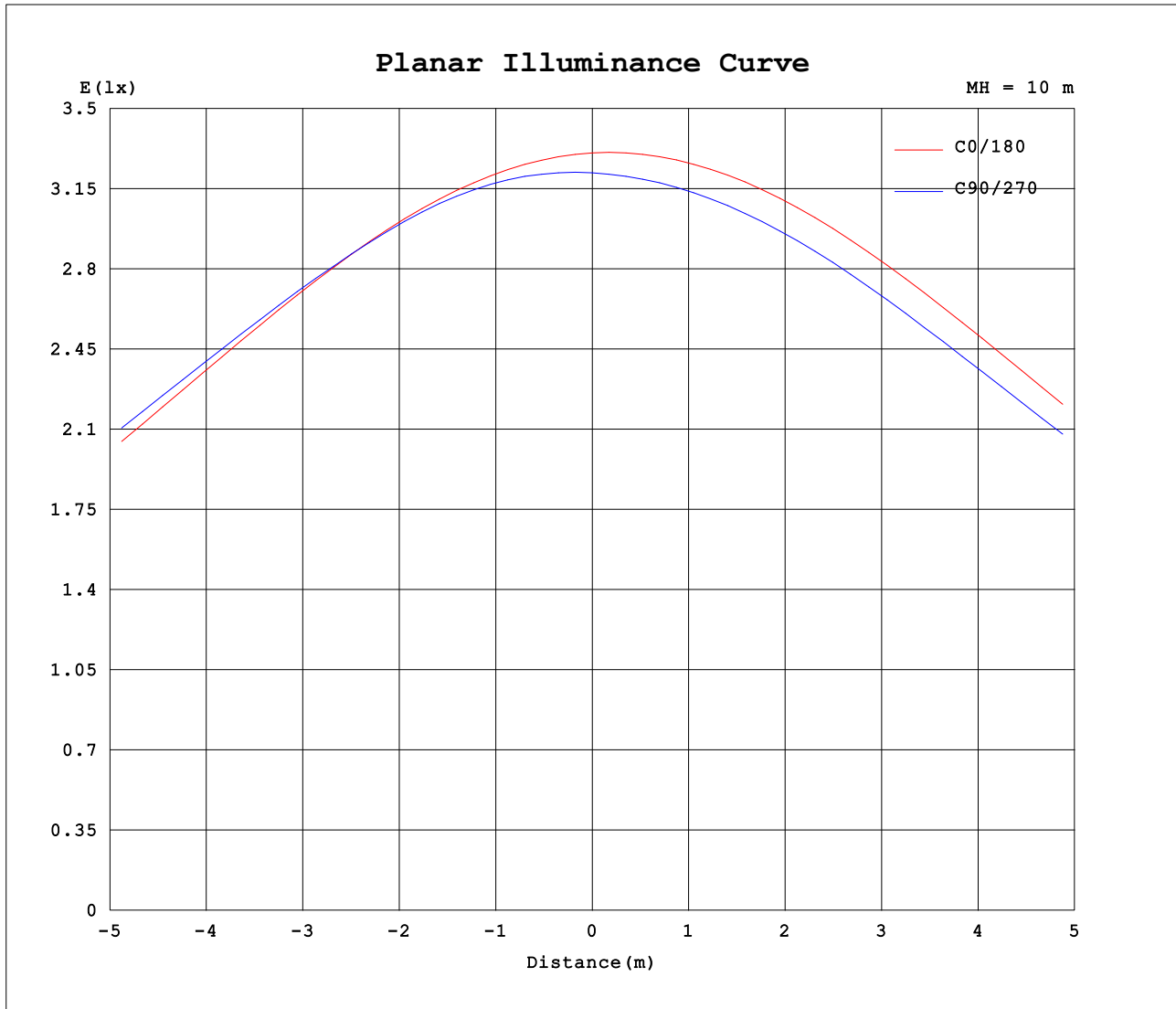
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 19751 |
| L_0~180 (75) av | 13862 |
| L_0~180 (85) av | 21464 |
| L_90~270 (65) av | 19262 |
| L_90~270 (75) av | 14307 |
| L_90~270 (85) av | 7498 |
| L_45 (65) av | 19021 |
| L_45 (75) av | 14543 |
| L_45 (85) av | 17012 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-01-18

☐ 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: 2022-01-18

☐ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | 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 | 331 | 319 | 324 | 323 | 323 | 322 | 322 | 319 | 322 | 320 | 320 | 315 | 331 | 319 | 324 | 323 | 323 | 322 | 322 |
| 5 | 327 | 316 | 320 | 320 | 321 | 321 | 323 | 319 | 321 | 320 | 320 | 317 | 331 | 320 | 324 | 322 | 322 | 321 | 319 |
| 10 | 321 | 313 | 314 | 316 | 317 | 318 | 319 | 316 | 317 | 317 | 319 | 317 | 329 | 319 | 321 | 320 | 319 | 317 | 315 |
| 15 | 312 | 307 | 309 | 310 | 310 | 312 | 312 | 311 | 311 | 313 | 315 | 314 | 325 | 315 | 315 | 314 | 314 | 311 | 308 |
| 20 | 300 | 298 | 297 | 301 | 301 | 303 | 303 | 304 | 303 | 306 | 307 | 309 | 317 | 307 | 305 | 306 | 305 | 302 | 299 |
| 25 | 285 | 286 | 285 | 288 | 290 | 292 | 292 | 294 | 293 | 296 | 297 | 300 | 307 | 297 | 294 | 295 | 293 | 291 | 289 |
| 30 | 268 | 270 | 269 | 272 | 276 | 278 | 279 | 282 | 280 | 282 | 284 | 288 | 294 | 287 | 283 | 281 | 279 | 277 | 276 |
| 35 | 249 | 252 | 249 | 257 | 260 | 262 | 263 | 266 | 264 | 267 | 270 | 274 | 278 | 274 | 268 | 265 | 263 | 261 | 259 |
| 40 | 229 | 231 | 233 | 236 | 239 | 242 | 245 | 247 | 246 | 249 | 254 | 257 | 260 | 256 | 249 | 246 | 244 | 243 | 240 |
| 45 | 207 | 209 | 216 | 215 | 219 | 222 | 224 | 226 | 226 | 229 | 234 | 239 | 237 | 235 | 229 | 226 | 225 | 223 | 219 |
| 50 | 182 | 185 | 192 | 191 | 196 | 199 | 201 | 203 | 204 | 207 | 213 | 219 | 214 | 212 | 207 | 203 | 201 | 199 | 195 |
| 55 | 155 | 157 | 165 | 162 | 169 | 173 | 175 | 177 | 179 | 182 | 190 | 198 | 192 | 189 | 183 | 178 | 175 | 172 | 167 |
| 60 | 126 | 128 | 136 | 135 | 141 | 144 | 146 | 148 | 151 | 156 | 167 | 177 | 171 | 168 | 159 | 152 | 147 | 143 | 139 |
| 65 | 98.3 | 99.9 | 107 | 109 | 111 | 115 | 117 | 118 | 122 | 129 | 138 | 143 | 135 | 133 | 131 | 124 | 117 | 112 | 111 |
| 70 | 70.9 | 73.2 | 79.2 | 81.3 | 81.0 | 84.9 | 86.2 | 87.7 | 91.4 | 93.6 | 93.8 | 98.3 | 86.1 | 87.7 | 86.5 | 91.5 | 86.7 | 81.2 | 79.1 |
| 75 | 43.1 | 46.7 | 53.3 | 55.0 | 54.2 | 55.6 | 55.2 | 57.2 | 59.0 | 57.6 | 61.9 | 69.4 | 57.3 | 59.0 | 52.2 | 54.0 | 56.4 | 52.5 | 48.5 |
| 80 | 26.6 | 27.9 | 31.5 | 32.7 | 33.0 | 30.3 | 28.8 | 30.3 | 31.0 | 34.9 | 43.8 | 52.5 | 42.8 | 42.2 | 36.1 | 30.8 | 27.6 | 26.9 | 23.7 |
| 85 | 17.6 | 18.8 | 19.0 | 19.0 | 17.3 | 13.0 | 10.4 | 13.4 | 18.3 | 24.5 | 31.3 | 38.8 | 34.8 | 33.8 | 29.1 | 23.3 | 16.6 | 11.5 | 7.90 |
| 90 | 16.2 | 16.6 | 16.2 | 15.5 | 12.5 | 6.34 | 2.36 | 7.46 | 15.0 | 20.0 | 24.1 | 28.7 | 24.9 | 25.4 | 22.1 | 19.5 | 14.1 | 6.78 | 1.41 |
| 95 | 19.3 | 19.3 | 19.1 | 17.9 | 13.7 | 5.06 | 1.11 | 6.96 | 15.7 | 19.4 | 21.3 | 23.9 | 19.1 | 20.3 | 18.2 | 17.7 | 14.8 | 6.59 | 1.21 |
| 100 | 21.6 | 21.6 | 21.4 | 19.2 | 11.8 | 2.76 | 1.23 | 6.13 | 18.4 | 22.1 | 22.4 | 23.8 | 20.4 | 20.7 | 21.4 | 21.5 | 17.8 | 5.99 | 1.30 |
| 105 | 21.4 | 21.3 | 20.2 | 15.1 | 6.98 | 1.71 | 1.34 | 4.63 | 16.0 | 23.9 | 24.7 | 24.5 | 23.6 | 23.9 | 24.8 | 23.6 | 15.6 | 4.63 | 1.46 |
| 110 | 18.0 | 17.5 | 15.2 | 9.75 | 3.56 | 1.70 | 1.50 | 3.81 | 11.1 | 21.0 | 24.7 | 25.7 | 24.8 | 24.8 | 24.6 | 20.3 | 11.1 | 3.92 | 1.66 |
| 115 | 12.8 | 12.3 | 10.3 | 5.57 | 2.43 | 1.76 | 1.68 | 3.28 | 8.09 | 15.7 | 21.8 | 24.6 | 23.3 | 22.7 | 20.5 | 15.1 | 8.12 | 3.37 | 1.86 |
| 120 | 8.35 | 8.03 | 6.40 | 3.62 | 2.07 | 1.90 | 1.87 | 2.89 | 6.62 | 11.6 | 17.6 | 21.6 | 19.3 | 18.8 | 15.8 | 11.1 | 6.68 | 2.99 | 2.06 |
| 125 | 6.27 | 5.95 | 4.36 | 2.76 | 2.20 | 2.07 | 2.07 | 2.62 | 5.84 | 9.27 | 13.8 | 17.9 | 15.3 | 15.0 | 12.2 | 9.06 | 5.90 | 2.75 | 2.26 |
| 130 | 4.88 | 4.55 | 3.01 | 2.44 | 2.35 | 2.25 | 2.25 | 2.57 | 5.34 | 8.02 | 11.1 | 14.4 | 12.5 | 12.2 | 10.2 | 7.98 | 5.25 | 2.67 | 2.45 |
| 135 | 3.66 | 3.14 | 2.62 | 2.60 | 2.51 | 2.44 | 2.43 | 2.67 | 4.85 | 7.31 | 9.47 | 11.9 | 10.8 | 10.5 | 9.12 | 7.25 | 4.61 | 2.75 | 2.63 |
| 140 | 2.85 | 2.82 | 2.79 | 2.77 | 2.66 | 2.62 | 2.62 | 2.79 | 4.24 | 6.82 | 8.49 | 10.1 | 9.70 | 9.43 | 8.42 | 6.59 | 4.09 | 2.86 | 2.81 |
| 145 | 3.02 | 2.98 | 2.96 | 2.92 | 2.84 | 2.81 | 2.80 | 2.93 | 3.73 | 6.17 | 7.88 | 8.90 | 8.95 | 8.59 | 7.70 | 5.75 | 3.51 | 2.98 | 2.98 |
| 150 | 3.16 | 3.14 | 3.12 | 3.06 | 3.05 | 3.03 | 3.08 | 3.14 | 3.54 | 5.18 | 7.27 | 8.19 | 8.10 | 7.62 | 6.89 | 4.75 | 3.33 | 3.11 | 3.14 |
| 155 | 3.30 | 3.24 | 3.23 | 3.23 | 3.22 | 3.19 | 3.24 | 3.29 | 3.37 | 4.18 | 6.21 | 7.49 | 7.35 | 6.94 | 5.98 | 3.79 | 3.33 | 3.24 | 3.30 |
| 160 | 3.45 | 3.38 | 3.38 | 3.38 | 3.37 | 3.34 | 3.39 | 3.44 | 3.44 | 3.83 | 4.68 | 5.77 | 6.07 | 5.82 | 4.77 | 3.50 | 3.39 | 3.38 | 3.43 |
| 165 | 3.59 | 3.51 | 3.51 | 3.52 | 3.52 | 3.49 | 3.53 | 3.57 | 3.61 | 3.57 | 4.18 | 5.02 | 4.40 | 4.32 | 3.70 | 3.50 | 3.51 | 3.50 | 3.55 |
| 170 | 3.71 | 3.62 | 3.62 | 3.63 | 3.63 | 3.60 | 3.65 | 3.71 | 3.78 | 3.74 | 4.08 | 4.73 | 3.66 | 3.81 | 3.60 | 3.61 | 3.62 | 3.61 | 3.66 |
| 175 | 3.78 | 3.70 | 3.70 | 3.71 | 3.70 | 3.69 | 3.74 | 3.80 | 3.93 | 3.95 | 4.01 | 4.41 | 3.75 | 3.69 | 3.68 | 3.71 | 3.71 | 3.70 | 3.74 |
| 180 | 3.81 | 3.72 | 3.73 | 3.75 | 3.76 | 3.74 | 3.80 | 3.85 | 4.03 | 4.10 | 4.13 | 4.16 | 3.81 | 3.73 | 3.73 | 3.74 | 3.75 | 3.75 | 3.79 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-01-18

□ 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.: LED | DIM.: 1000*14*5mm | SERIAL No.: 20211217001 |
| MFR.: EVERFINE | SUR.: 1000*14*5mm | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) □ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 319 | 322 | 320 | 320 | 315 | | | | | | | | | | | | | | |
| 5 | 317 | 320 | 318 | 316 | 310 | | | | | | | | | | | | | | |
| 10 | 313 | 315 | 313 | 308 | 302 | | | | | | | | | | | | | | |
| 15 | 306 | 305 | 303 | 298 | 292 | | | | | | | | | | | | | | |
| 20 | 297 | 295 | 292 | 286 | 278 | | | | | | | | | | | | | | |
| 25 | 286 | 283 | 278 | 273 | 260 | | | | | | | | | | | | | | |
| 30 | 272 | 266 | 262 | 255 | 217 | | | | | | | | | | | | | | |
| 35 | 258 | 248 | 244 | 237 | 211 | | | | | | | | | | | | | | |
| 40 | 239 | 229 | 224 | 214 | 196 | | | | | | | | | | | | | | |
| 45 | 214 | 208 | 201 | 192 | 169 | | | | | | | | | | | | | | |
| 50 | 189 | 180 | 173 | 165 | 148 | | | | | | | | | | | | | | |
| 55 | 162 | 155 | 146 | 138 | 124 | | | | | | | | | | | | | | |
| 60 | 133 | 124 | 118 | 109 | 96.1 | | | | | | | | | | | | | | |
| 65 | 104 | 93.0 | 87.7 | 87.8 | 75.7 | | | | | | | | | | | | | | |
| 70 | 72.7 | 64.0 | 63.4 | 63.3 | 52.6 | | | | | | | | | | | | | | |
| 75 | 42.5 | 37.9 | 44.2 | 40.3 | 27.7 | | | | | | | | | | | | | | |
| 80 | 18.2 | 23.0 | 25.7 | 24.0 | 17.6 | | | | | | | | | | | | | | |
| 85 | 8.06 | 14.7 | 16.2 | 16.0 | 18.1 | | | | | | | | | | | | | | |
| 90 | 5.92 | 12.9 | 16.5 | 17.4 | 17.7 | | | | | | | | | | | | | | |
| 95 | 5.20 | 13.3 | 17.8 | 19.5 | 20.3 | | | | | | | | | | | | | | |
| 100 | 3.17 | 11.5 | 18.8 | 21.3 | 22.3 | | | | | | | | | | | | | | |
| 105 | 2.18 | 7.52 | 15.9 | 20.6 | 22.1 | | | | | | | | | | | | | | |
| 110 | 1.90 | 4.79 | 11.7 | 16.7 | 18.3 | | | | | | | | | | | | | | |
| 115 | 2.06 | 3.63 | 7.29 | 12.7 | 14.9 | | | | | | | | | | | | | | |
| 120 | 2.23 | 2.84 | 5.08 | 9.28 | 11.6 | | | | | | | | | | | | | | |
| 125 | 2.40 | 2.58 | 3.86 | 6.33 | 9.19 | | | | | | | | | | | | | | |
| 130 | 2.57 | 2.70 | 2.96 | 4.73 | 7.35 | | | | | | | | | | | | | | |
| 135 | 2.75 | 2.85 | 3.07 | 3.57 | 5.55 | | | | | | | | | | | | | | |
| 140 | 2.92 | 3.02 | 3.27 | 3.58 | 4.87 | | | | | | | | | | | | | | |
| 145 | 3.09 | 3.19 | 3.47 | 3.76 | 4.70 | | | | | | | | | | | | | | |
| 150 | 3.25 | 3.36 | 3.66 | 3.92 | 4.87 | | | | | | | | | | | | | | |
| 155 | 3.39 | 3.52 | 3.82 | 4.04 | 4.86 | | | | | | | | | | | | | | |
| 160 | 3.52 | 3.67 | 3.94 | 4.12 | 4.52 | | | | | | | | | | | | | | |
| 165 | 3.64 | 3.80 | 4.04 | 4.19 | 4.49 | | | | | | | | | | | | | | |
| 170 | 3.75 | 3.91 | 4.11 | 4.21 | 4.42 | | | | | | | | | | | | | | |
| 175 | 3.84 | 3.98 | 4.14 | 4.19 | 4.32 | | | | | | | | | | | | | | |
| 180 | 3.90 | 4.00 | 4.10 | 4.13 | 4.16 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-01-18

□ 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: