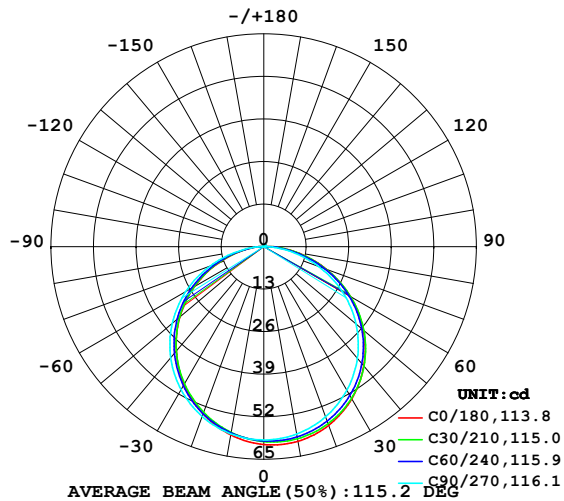


LUMINAIRE PHOTOMETRIC TEST REPORT

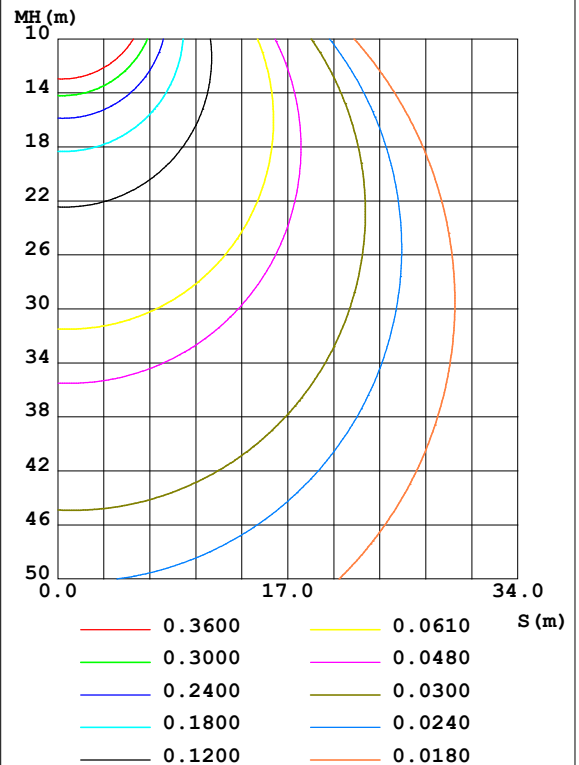
| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 67.58 lm/W |
|--------------------------------|---------|------------------|--------|-------------------|----------|-----------------|
| MODEL (WCP) -UR-EP (5.7W) (HL) | | Imax(cd) | 60.69 | S/MH(C0/180) | 1.21 | |
| NOMINAL POWER(W) | 2.65869 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 | |
| RATED VOLTAGE(V) | DC 24 | TOTAL FLUX(lm) | 180.17 | □ UP,DN(C0-180) | 0.8,50.3 | |
| NOMINAL FLUX(lm) | 180.173 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 0.8,48.1 | |
| LAMPS INSIDE | 1 | □ up(%) | 1.6 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | DC 24 | □ down(%) | 98.4 | 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: 2021-06-22

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 5.150m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

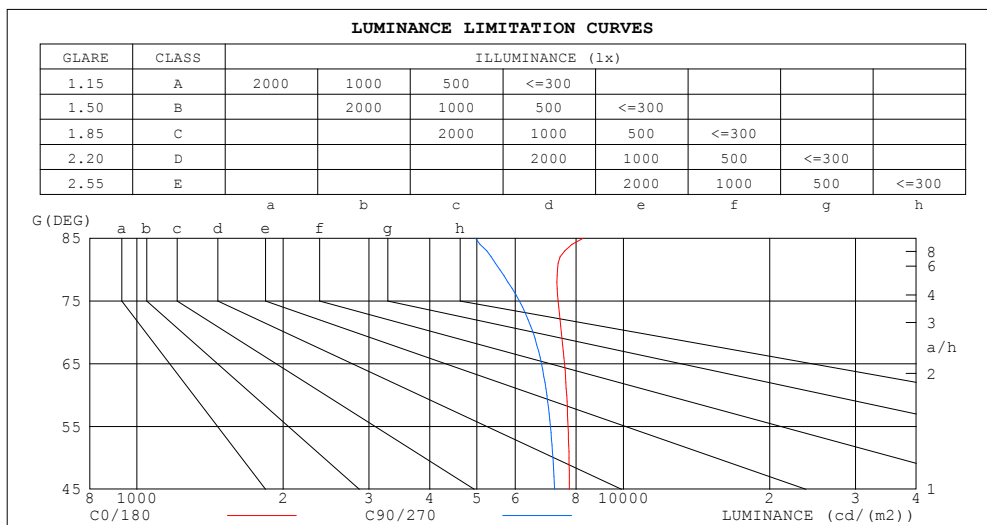
| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 60.38 | 59.30 | 58.14 | 57.74 | 58.41 | 57.54 | 58.07 | 58.77 | 0- 10 | 5.634 | 5.634 | 3.13,3.13 |
| 20 | 58.11 | 57.22 | 55.33 | 54.41 | 54.39 | 53.87 | 55.18 | 56.36 | 10- 20 | 16.18 | 21.81 | 12.1,12.1 |
| 30 | 53.77 | 53.21 | 50.76 | 49.39 | 48.70 | 48.58 | 50.54 | 52.03 | 20- 30 | 24.64 | 46.45 | 25.8,25.8 |
| 40 | 47.56 | 47.39 | 44.53 | 42.88 | 41.63 | 41.85 | 44.29 | 45.90 | 30- 40 | 29.96 | 76.41 | 42.4,42.4 |
| 50 | 39.77 | 39.82 | 36.85 | 35.05 | 33.47 | 33.90 | 36.57 | 38.12 | 40- 50 | 31.45 | 107.9 | 59.9,59.9 |
| 60 | 30.59 | 30.63 | 27.86 | 26.15 | 24.41 | 24.90 | 27.55 | 28.90 | 50- 60 | 28.88 | 136.7 | 75.9,75.9 |
| 70 | 20.42 | 20.25 | 17.85 | 16.53 | 14.87 | 15.24 | 17.47 | 18.65 | 60- 70 | 22.49 | 159.2 | 88.4,88.4 |
| 80 | 10.17 | 9.871 | 7.742 | 7.241 | 6.144 | 6.210 | 7.390 | 8.586 | 70- 80 | 13.42 | 172.7 | 95.8,95.8 |
| 90 | 2.634 | 2.312 | 0.6565 | 1.379 | 1.145 | 1.017 | 0.5157 | 1.676 | 80- 90 | 4.660 | 177.3 | 98.4,98.4 |
| 100 | 0.3090 | 0.3221 | 0.2182 | 0.3121 | 0.2947 | 0.3382 | 0.2258 | 0.3249 | 90-100 | 0.7095 | 178.0 | 98.8,98.8 |
| 110 | 0.2637 | 0.2684 | 0.2671 | 0.2835 | 0.3299 | 0.3331 | 0.2935 | 0.2847 | 100-110 | 0.3016 | 178.3 | 99,99 |
| 120 | 0.3110 | 0.3311 | 0.3472 | 0.3537 | 0.3864 | 0.3687 | 0.3700 | 0.3360 | 110-120 | 0.3154 | 178.6 | 99.2,99.2 |
| 130 | 0.3799 | 0.3989 | 0.4113 | 0.4252 | 0.4503 | 0.4352 | 0.4403 | 0.4063 | 120-130 | 0.3440 | 179.0 | 99.3,99.3 |
| 140 | 0.4451 | 0.4679 | 0.4815 | 0.4904 | 0.5130 | 0.5078 | 0.5030 | 0.4753 | 130-140 | 0.3492 | 179.3 | 99.5,99.5 |
| 150 | 0.5142 | 0.5368 | 0.5480 | 0.5557 | 0.5719 | 0.5581 | 0.5657 | 0.5355 | 140-150 | 0.3237 | 179.7 | 99.7,99.7 |
| 160 | 0.5868 | 0.5970 | 0.5982 | 0.6121 | 0.6284 | 0.6083 | 0.6158 | 0.5932 | 150-160 | 0.2662 | 179.9 | 99.9,99.9 |
| 170 | 0.6433 | 0.6509 | 0.6446 | 0.6547 | 0.6723 | 0.6509 | 0.6572 | 0.6396 | 160-170 | 0.1776 | 180.1 | 100,100 |
| 180 | 0.6860 | 0.6785 | 0.6760 | 0.6773 | 0.6910 | 0.6773 | 0.6773 | 0.6747 | 170-180 | 0.0633 | 180.2 | 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:2021-06-22

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:5.150m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |



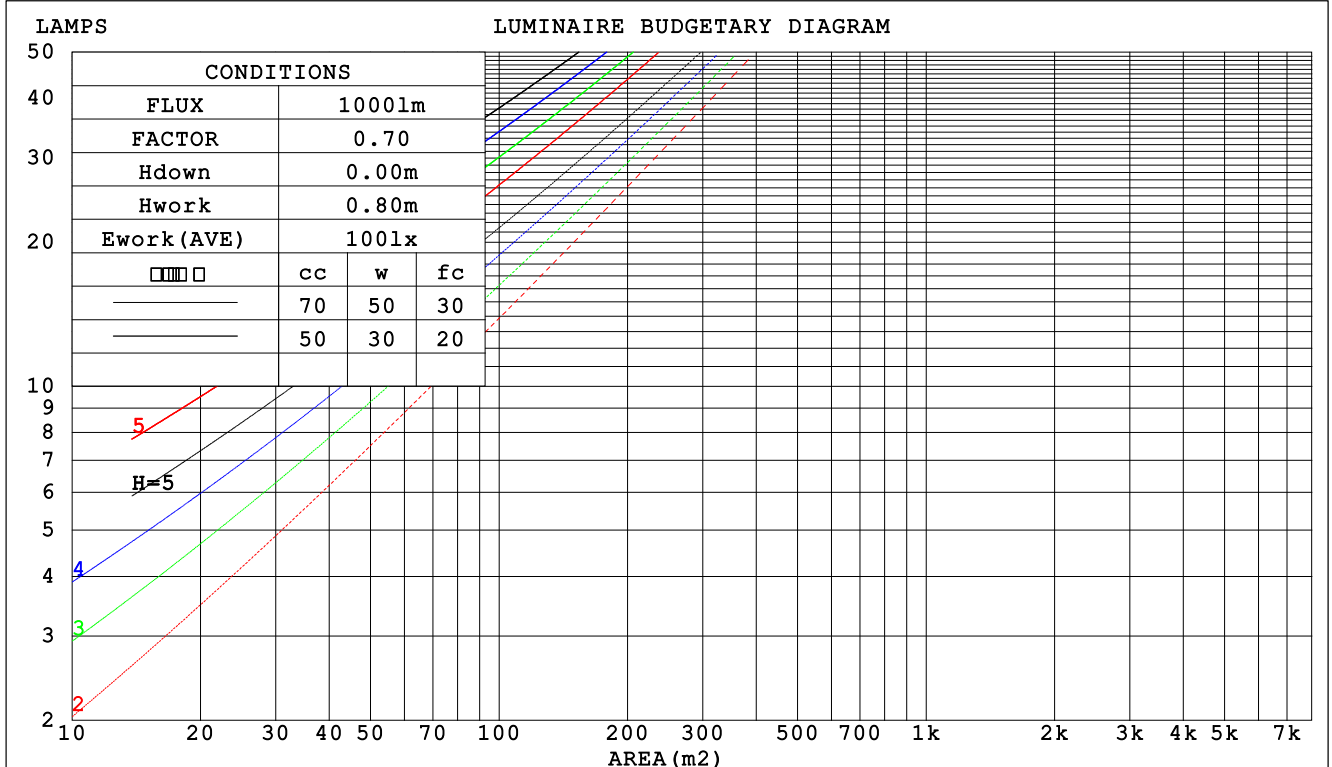
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 5.150m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | 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 | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .98 |
| 1.0 | 1.03 | .98 | .94 | 1.00 | .96 | .93 | .96 | .93 | .90 | .92 | .89 | .86 | .88 | .86 | .84 | .81 |
| 2.0 | .89 | .82 | .76 | .87 | .81 | .75 | .83 | .78 | .73 | .80 | .75 | .71 | .77 | .73 | .70 | .67 |
| 3.0 | .78 | .70 | .63 | .77 | .69 | .63 | .73 | .67 | .61 | .70 | .65 | .60 | .68 | .63 | .59 | .56 |
| 4.0 | .69 | .60 | .53 | .68 | .59 | .53 | .65 | .58 | .52 | .62 | .56 | .51 | .60 | .55 | .50 | .48 |
| 5.0 | .62 | .53 | .46 | .60 | .52 | .45 | .58 | .51 | .45 | .56 | .49 | .44 | .54 | .48 | .43 | .41 |
| 6.0 | .55 | .46 | .40 | .54 | .46 | .40 | .52 | .45 | .39 | .51 | .44 | .39 | .49 | .43 | .38 | .36 |
| 7.0 | .50 | .41 | .35 | .49 | .41 | .35 | .48 | .40 | .35 | .46 | .39 | .34 | .44 | .38 | .34 | .32 |
| 8.0 | .46 | .37 | .31 | .45 | .37 | .31 | .44 | .36 | .31 | .42 | .35 | .30 | .41 | .35 | .30 | .28 |
| 9.0 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .27 | .38 | .32 | .27 | .25 |
| 10.0 | .39 | .31 | .25 | .38 | .30 | .25 | .37 | .30 | .25 | .36 | .29 | .25 | .35 | .29 | .25 | .23 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-06-22

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:5.150m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | 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 | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .321 | .182 | .058 | .313 | .179 | .057 | .299 | .172 | .055 | .286 | .165 | .053 | .274 | .159 | .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 | .042 | .247 | .136 | .042 | .238 | .132 | .041 | | |
| 4.0 | .253 | .131 | .039 | .247 | .129 | .038 | .237 | .126 | .038 | .228 | .123 | .037 | .220 | .119 | .036 | | |
| 5.0 | .233 | .119 | .034 | .228 | .117 | .034 | .219 | .114 | .034 | .211 | .111 | .033 | .204 | .109 | .033 | | |
| 6.0 | .216 | .108 | .031 | .212 | .107 | .031 | .204 | .104 | .030 | .196 | .102 | .030 | .189 | .100 | .030 | | |
| 7.0 | .200 | .099 | .028 | .197 | .098 | .028 | .190 | .096 | .028 | .183 | .094 | .027 | .177 | .092 | .027 | | |
| 8.0 | .187 | .091 | .026 | .184 | .090 | .026 | .177 | .089 | .025 | .171 | .087 | .025 | .166 | .085 | .025 | | |
| 9.0 | .175 | .085 | .024 | .172 | .084 | .024 | .166 | .082 | .023 | .161 | .081 | .023 | .156 | .079 | .023 | | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .075 | .021 | .147 | .074 | .021 | | |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .203 | .203 | .203 | .173 | .173 | .173 | .118 | .118 | .118 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .193 | .168 | .146 | .165 | .144 | .125 | .113 | .099 | .087 | .065 | .057 | .050 | .021 | .018 | .016 | |
| 2.0 | .185 | .144 | .109 | .159 | .124 | .095 | .109 | .086 | .066 | .063 | .050 | .039 | .020 | .016 | .013 | |
| 3.0 | .178 | .127 | .086 | .152 | .109 | .074 | .105 | .076 | .052 | .060 | .044 | .031 | .019 | .014 | .010 | |
| 4.0 | .170 | .113 | .070 | .146 | .098 | .061 | .100 | .068 | .043 | .058 | .040 | .025 | .019 | .013 | .008 | |
| 5.0 | .163 | .103 | .059 | .140 | .089 | .051 | .096 | .062 | .036 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 6.0 | .155 | .095 | .051 | .134 | .082 | .045 | .092 | .057 | .032 | .053 | .034 | .019 | .017 | .011 | .006 | |
| 7.0 | .149 | .088 | .045 | .128 | .076 | .040 | .088 | .053 | .028 | .051 | .031 | .017 | .017 | .010 | .006 | |
| 8.0 | .142 | .082 | .041 | .122 | .071 | .036 | .085 | .050 | .025 | .049 | .030 | .015 | .016 | .010 | .005 | |
| 9.0 | .136 | .077 | .038 | .117 | .067 | .033 | .081 | .047 | .023 | .047 | .028 | .014 | .015 | .009 | .005 | |
| 10.0 | .130 | .073 | .035 | .112 | .063 | .030 | .078 | .045 | .022 | .045 | .026 | .013 | .015 | .009 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-22

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:5.150m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----------------------|------|------|------|------|-------------------------|------|------|------|------|
| NAME: LED Strip | | | | | TYPE: Indoor lighting | | | | | WEIGHT: 20g | | | | |
| SPEC.: COB LED | | | | | DIM.: 500*8*1mm | | | | | SERIAL No.: 20210622009 | | | | |
| 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 | | | | | 26.2 | 27.7 | 26.5 | 28.0 | 28.2 | 25.9 | 27.4 | 26.2 | 27.7 | 27.9 |
| 3H | | | | | 27.9 | 29.3 | 28.2 | 29.6 | 29.9 | 27.5 | 28.9 | 27.8 | 29.2 | 29.5 |
| 4H | | | | | 28.7 | 30.0 | 29.0 | 30.3 | 30.6 | 28.2 | 29.5 | 28.5 | 29.8 | 30.1 |
| 6H | | | | | 29.3 | 30.5 | 29.6 | 30.8 | 31.2 | 28.6 | 29.9 | 29.0 | 30.2 | 30.5 |
| 8H | | | | | 29.5 | 30.7 | 29.9 | 31.1 | 31.4 | 28.8 | 30.0 | 29.2 | 30.3 | 30.6 |
| 12H | | | | | 29.7 | 30.9 | 30.1 | 31.2 | 31.6 | 28.9 | 30.1 | 29.3 | 30.4 | 30.7 |
| 4H 2H | | | | | 26.9 | 28.2 | 27.2 | 28.5 | 28.8 | 26.6 | 28.0 | 27.0 | 28.3 | 28.6 |
| 3H | | | | | 28.8 | 29.9 | 29.1 | 30.3 | 30.6 | 28.5 | 29.6 | 28.8 | 30.0 | 30.3 |
| 4H | | | | | 29.7 | 30.7 | 30.1 | 31.1 | 31.4 | 29.2 | 30.3 | 29.6 | 30.7 | 31.0 |
| 6H | | | | | 30.4 | 31.4 | 30.8 | 31.7 | 32.1 | 29.9 | 30.8 | 30.3 | 31.2 | 31.6 |
| 8H | | | | | 30.7 | 31.6 | 31.2 | 32.0 | 32.4 | 30.1 | 31.0 | 30.5 | 31.4 | 31.8 |
| 12H | | | | | 31.0 | 31.8 | 31.5 | 32.2 | 32.7 | 30.2 | 31.0 | 30.7 | 31.5 | 31.9 |
| 8H 4H | | | | | 30.0 | 30.9 | 30.4 | 31.3 | 31.7 | 29.6 | 30.5 | 30.0 | 30.9 | 31.3 |
| 6H | | | | | 30.9 | 31.7 | 31.4 | 32.1 | 32.5 | 30.4 | 31.1 | 30.9 | 31.6 | 32.0 |
| 8H | | | | | 31.3 | 32.0 | 31.8 | 32.5 | 32.9 | 30.7 | 31.4 | 31.2 | 31.8 | 32.3 |
| 12H | | | | | 31.8 | 32.3 | 32.3 | 32.8 | 33.3 | 31.0 | 31.6 | 31.5 | 32.0 | 32.5 |
| 12H 4H | | | | | 30.0 | 30.8 | 30.4 | 31.2 | 31.7 | 29.6 | 30.5 | 30.1 | 30.9 | 31.3 |
| 6H | | | | | 31.0 | 31.7 | 31.5 | 32.1 | 32.6 | 30.5 | 31.2 | 31.0 | 31.6 | 32.1 |
| 8H | | | | | 31.5 | 32.0 | 32.0 | 32.5 | 33.0 | 30.9 | 31.5 | 31.4 | 31.9 | 32.5 |
| 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, 180.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.0)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:5.150m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |

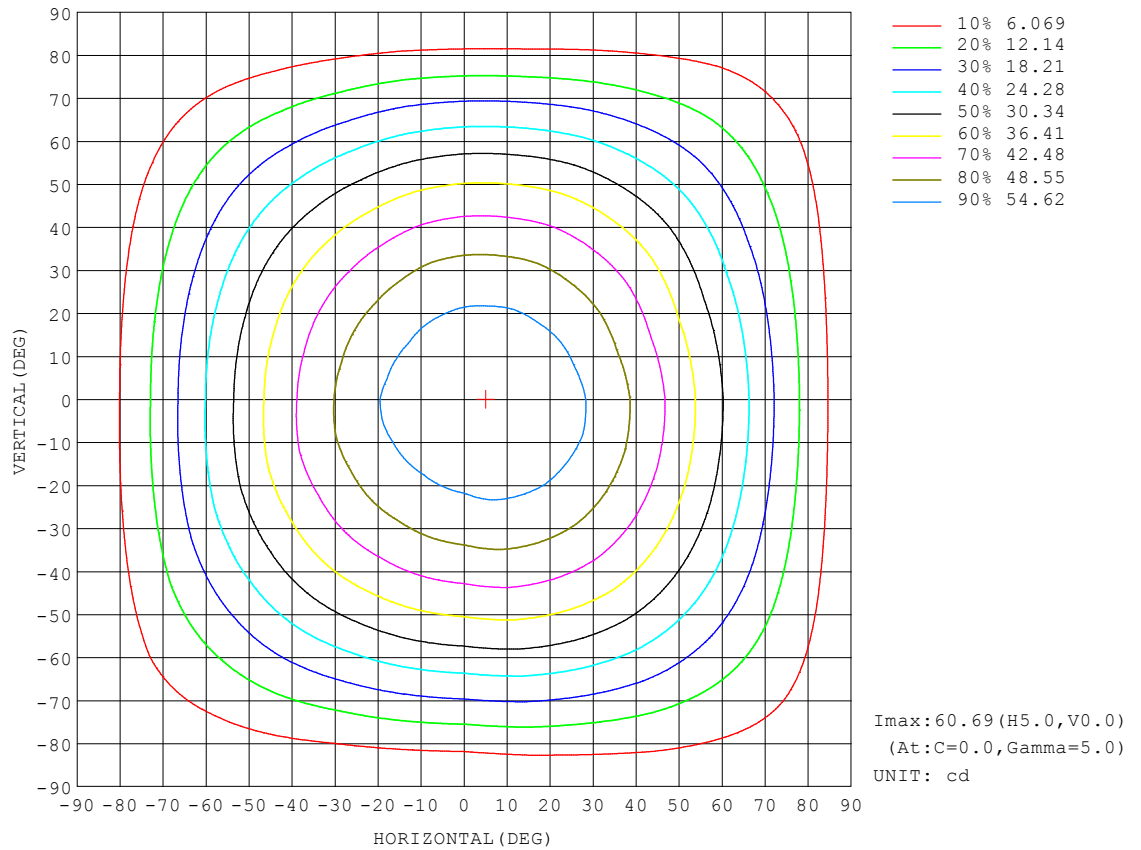
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 44 | 37 | 31 |
| 0.80 | 66 | 54 | 47 | 65 | 54 | 47 | 63 | 53 | 46 | 39 |
| 1.00 | 75 | 63 | 56 | 73 | 63 | 55 | 71 | 64 | 55 | 47 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 63 | 77 | 69 | 62 | 55 |
| 1.50 | 87 | 77 | 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 | 95 | 88 | 82 | 91 | 85 | 80 | 72 |
| 3.00 | 101 | 94 | 88 | 99 | 92 | 87 | 94 | 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 | 93 | 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: 2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 5.150m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |

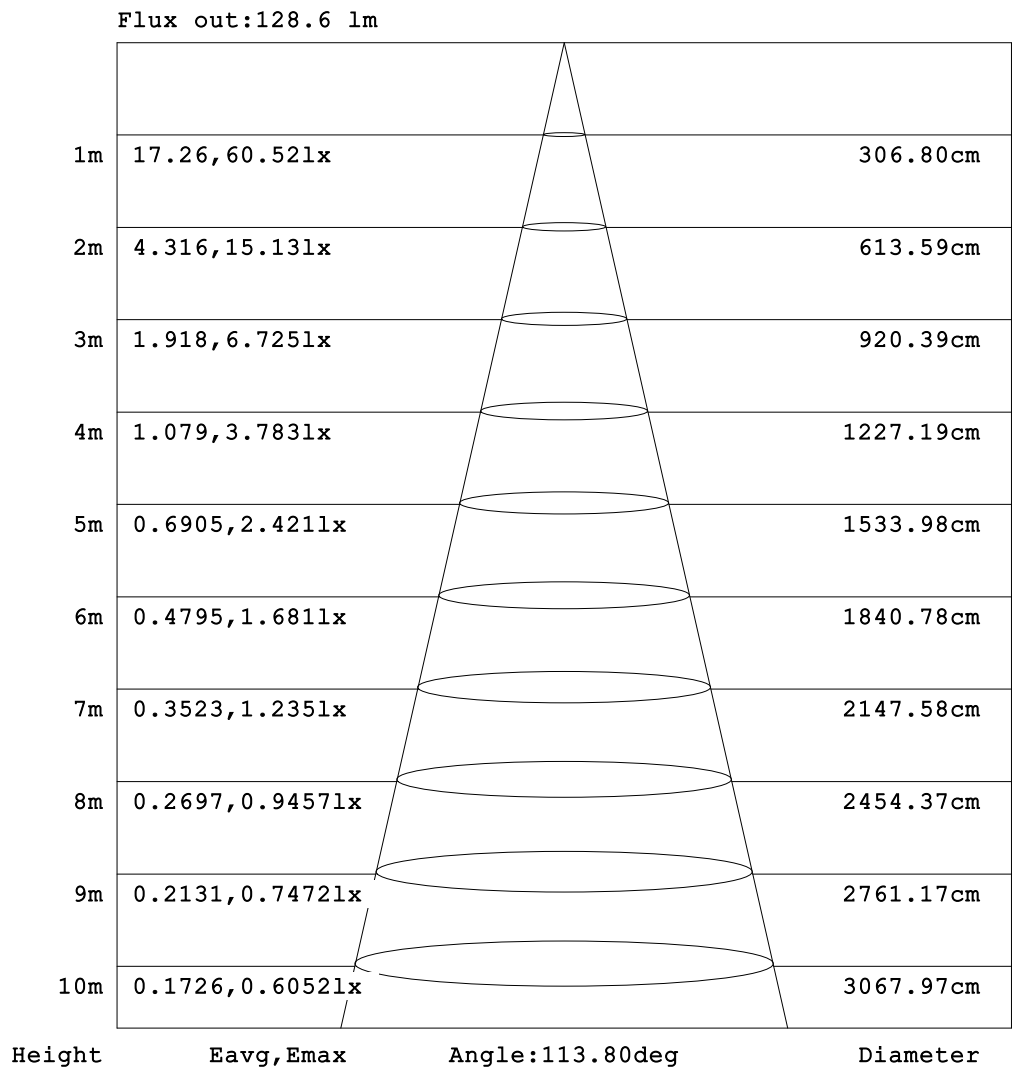


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:5.150m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |



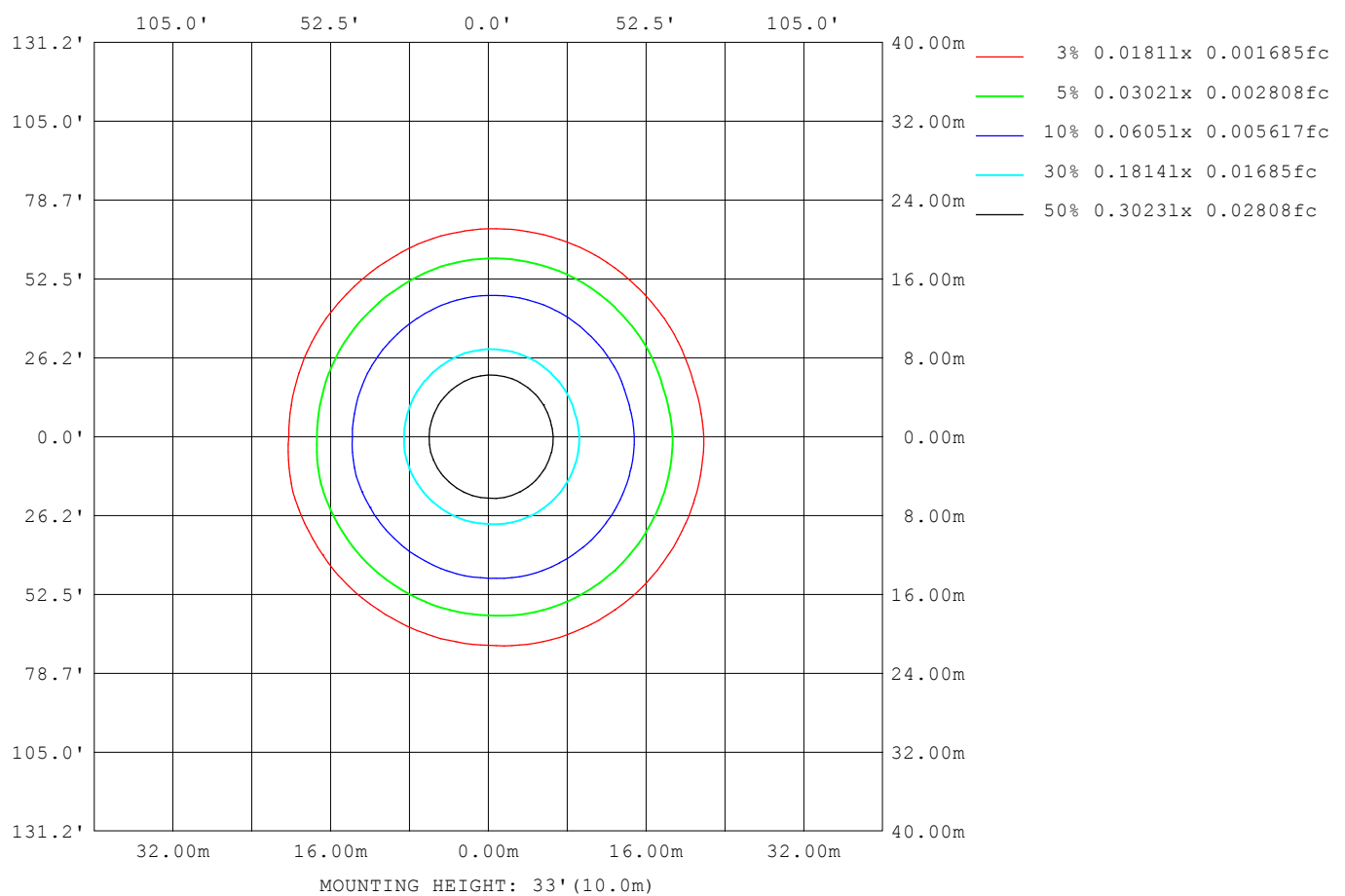
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity:65.0%
 Test Distance:5.150m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 5.150m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |

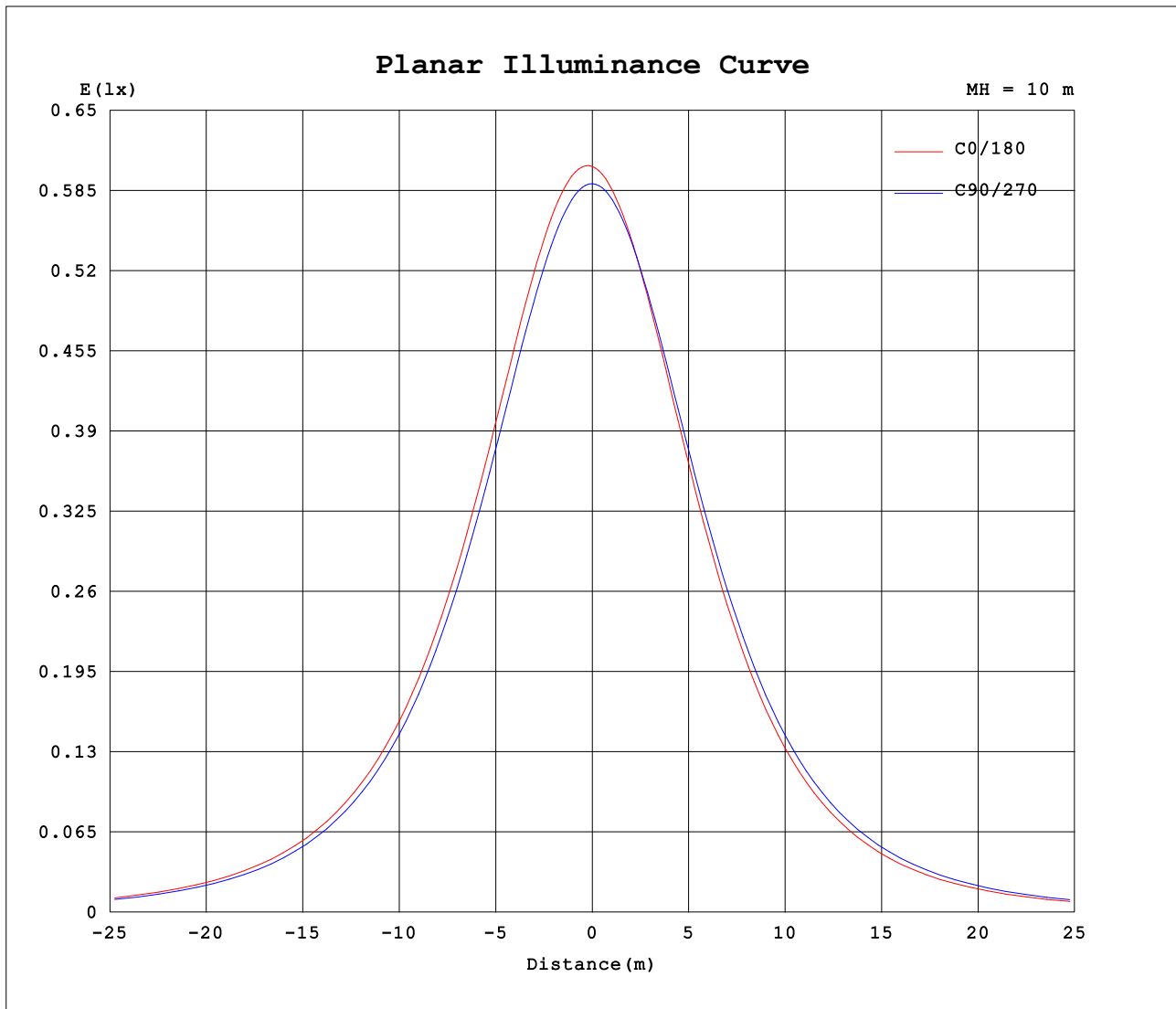
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 6692 |
| L_0~180 (75) av | 6147 |
| L_0~180 (85) av | 6291 |
| L_90~270 (65) av | 6736 |
| L_90~270 (75) av | 6034 |
| L_90~270 (85) av | 4789 |
| L_45 (65) av | 6722 |
| L_45 (75) av | 6117 |
| L_45 (85) av | 5859 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity: 65.0%
Test Distance: 5.150m [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: 2021-06-22

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.444
 Humidity: 65.0%
 Test Distance: 5.150m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | 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 | 60.5 | 60.1 | 59.6 | 59.4 | 59.4 | 59.3 | 59.1 | 59.1 | 59.1 | 59.2 | 59.6 | 60.1 | 60.5 | 60.1 | 59.6 | 59.4 | 59.4 | 59.3 | 59.1 |
| 5 | 60.7 | 60.4 | 59.8 | 59.6 | 59.4 | 59.2 | 58.8 | 58.7 | 58.7 | 58.7 | 58.9 | 59.4 | 59.7 | 59.2 | 58.8 | 58.7 | 58.8 | 58.8 | 58.8 |
| 10 | 60.4 | 60.2 | 59.6 | 59.3 | 59.0 | 58.7 | 58.1 | 57.9 | 57.8 | 57.7 | 57.9 | 58.2 | 58.4 | 57.9 | 57.6 | 57.5 | 57.8 | 57.9 | 58.1 |
| 15 | 59.5 | 59.5 | 58.8 | 58.5 | 58.1 | 57.7 | 57.0 | 56.7 | 56.4 | 56.3 | 56.3 | 56.5 | 56.6 | 56.1 | 56.0 | 55.9 | 56.3 | 56.5 | 56.8 |
| 20 | 58.1 | 58.1 | 57.6 | 57.2 | 56.7 | 56.2 | 55.3 | 54.9 | 54.5 | 54.4 | 54.3 | 54.4 | 54.4 | 53.9 | 53.8 | 53.9 | 54.3 | 54.7 | 55.2 |
| 25 | 56.2 | 56.3 | 55.8 | 55.5 | 54.9 | 54.3 | 53.2 | 52.8 | 52.3 | 52.1 | 51.9 | 51.9 | 51.7 | 51.3 | 51.3 | 51.4 | 51.9 | 52.7 | 53.1 |
| 30 | 53.8 | 54.0 | 53.6 | 53.2 | 52.6 | 51.9 | 50.8 | 50.2 | 49.6 | 49.4 | 49.1 | 49.1 | 48.7 | 48.3 | 48.4 | 48.6 | 49.2 | 50.1 | 50.5 |
| 35 | 50.9 | 51.1 | 50.9 | 50.5 | 49.8 | 49.1 | 47.8 | 47.3 | 46.6 | 46.3 | 45.9 | 45.9 | 45.3 | 45.0 | 45.2 | 45.4 | 46.0 | 47.0 | 47.6 |
| 40 | 47.6 | 47.9 | 47.7 | 47.4 | 46.7 | 45.9 | 44.5 | 43.9 | 43.2 | 42.9 | 42.4 | 42.4 | 41.6 | 41.4 | 41.6 | 41.9 | 42.5 | 43.6 | 44.3 |
| 45 | 43.9 | 44.1 | 44.0 | 43.8 | 43.1 | 42.3 | 40.9 | 40.2 | 39.5 | 39.1 | 38.6 | 38.5 | 37.7 | 37.5 | 37.7 | 38.0 | 38.7 | 39.9 | 40.6 |
| 50 | 39.8 | 40.0 | 40.0 | 39.8 | 39.1 | 38.3 | 36.8 | 36.2 | 35.5 | 35.1 | 34.5 | 34.5 | 33.5 | 33.4 | 33.6 | 33.9 | 34.6 | 35.8 | 36.6 |
| 55 | 35.3 | 35.5 | 35.5 | 35.4 | 34.8 | 34.0 | 32.5 | 31.9 | 31.1 | 30.7 | 30.2 | 30.1 | 29.0 | 29.0 | 29.2 | 29.5 | 30.2 | 31.4 | 32.2 |
| 60 | 30.6 | 30.7 | 30.7 | 30.6 | 30.1 | 29.3 | 27.9 | 27.3 | 26.6 | 26.1 | 25.7 | 25.6 | 24.4 | 24.4 | 24.7 | 24.9 | 25.6 | 26.8 | 27.6 |
| 65 | 25.6 | 25.7 | 25.6 | 25.5 | 25.1 | 24.4 | 23.0 | 22.4 | 21.7 | 21.4 | 20.9 | 20.9 | 19.7 | 19.6 | 19.9 | 20.1 | 20.7 | 21.9 | 22.6 |
| 70 | 20.4 | 20.5 | 20.4 | 20.2 | 19.8 | 19.2 | 17.8 | 17.4 | 16.8 | 16.5 | 16.1 | 16.1 | 14.9 | 14.8 | 15.1 | 15.2 | 15.8 | 16.9 | 17.5 |
| 75 | 15.2 | 15.3 | 15.1 | 14.9 | 14.4 | 13.9 | 12.7 | 12.3 | 11.8 | 11.7 | 11.4 | 11.5 | 10.2 | 10.2 | 10.4 | 10.5 | 10.9 | 11.9 | 12.3 |
| 80 | 10.2 | 10.3 | 10.0 | 9.87 | 9.28 | 8.81 | 7.74 | 7.53 | 7.21 | 7.24 | 7.12 | 7.25 | 6.14 | 6.12 | 6.22 | 6.21 | 6.52 | 7.11 | 7.39 |
| 85 | 5.76 | 5.83 | 5.58 | 5.38 | 4.88 | 4.44 | 3.46 | 3.51 | 3.39 | 3.62 | 3.69 | 3.93 | 3.01 | 3.00 | 3.02 | 2.92 | 3.01 | 3.25 | 3.21 |
| 90 | 2.63 | 2.69 | 2.51 | 2.31 | 1.89 | 1.58 | 0.66 | 1.03 | 1.14 | 1.38 | 1.57 | 1.81 | 1.15 | 1.15 | 1.13 | 1.02 | 0.98 | 0.92 | 0.52 |
| 95 | 0.83 | 0.88 | 0.82 | 0.77 | 0.66 | 0.47 | 0.23 | 0.27 | 0.35 | 0.50 | 0.69 | 0.85 | 0.39 | 0.42 | 0.41 | 0.41 | 0.39 | 0.27 | 0.25 |
| 100 | 0.31 | 0.31 | 0.33 | 0.32 | 0.31 | 0.23 | 0.22 | 0.22 | 0.24 | 0.31 | 0.44 | 0.53 | 0.29 | 0.30 | 0.32 | 0.34 | 0.33 | 0.23 | 0.23 |
| 105 | 0.26 | 0.25 | 0.26 | 0.26 | 0.25 | 0.24 | 0.23 | 0.24 | 0.24 | 0.28 | 0.35 | 0.40 | 0.31 | 0.31 | 0.33 | 0.34 | 0.31 | 0.25 | 0.26 |
| 110 | 0.26 | 0.27 | 0.26 | 0.27 | 0.26 | 0.27 | 0.27 | 0.28 | 0.27 | 0.28 | 0.31 | 0.35 | 0.33 | 0.32 | 0.34 | 0.33 | 0.31 | 0.28 | 0.29 |
| 115 | 0.28 | 0.29 | 0.28 | 0.29 | 0.29 | 0.31 | 0.31 | 0.32 | 0.31 | 0.32 | 0.32 | 0.34 | 0.36 | 0.35 | 0.36 | 0.33 | 0.34 | 0.32 | 0.33 |
| 120 | 0.31 | 0.33 | 0.31 | 0.33 | 0.32 | 0.34 | 0.35 | 0.35 | 0.34 | 0.35 | 0.35 | 0.36 | 0.39 | 0.37 | 0.38 | 0.37 | 0.38 | 0.36 | 0.37 |
| 125 | 0.35 | 0.36 | 0.35 | 0.37 | 0.36 | 0.38 | 0.38 | 0.39 | 0.38 | 0.39 | 0.38 | 0.40 | 0.42 | 0.41 | 0.42 | 0.41 | 0.41 | 0.40 | 0.41 |
| 130 | 0.38 | 0.39 | 0.39 | 0.40 | 0.40 | 0.41 | 0.41 | 0.43 | 0.41 | 0.43 | 0.41 | 0.43 | 0.45 | 0.44 | 0.45 | 0.44 | 0.45 | 0.43 | 0.44 |
| 135 | 0.41 | 0.43 | 0.42 | 0.43 | 0.43 | 0.45 | 0.45 | 0.46 | 0.45 | 0.46 | 0.45 | 0.46 | 0.48 | 0.47 | 0.48 | 0.47 | 0.48 | 0.47 | 0.47 |
| 140 | 0.45 | 0.46 | 0.45 | 0.47 | 0.47 | 0.48 | 0.48 | 0.49 | 0.48 | 0.49 | 0.48 | 0.49 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.49 | 0.50 |
| 145 | 0.48 | 0.50 | 0.49 | 0.50 | 0.50 | 0.52 | 0.51 | 0.53 | 0.51 | 0.52 | 0.51 | 0.52 | 0.54 | 0.53 | 0.54 | 0.53 | 0.54 | 0.53 | 0.53 |
| 150 | 0.51 | 0.53 | 0.52 | 0.54 | 0.53 | 0.55 | 0.55 | 0.56 | 0.55 | 0.56 | 0.55 | 0.56 | 0.57 | 0.56 | 0.57 | 0.56 | 0.57 | 0.55 | 0.57 |
| 155 | 0.55 | 0.57 | 0.55 | 0.57 | 0.56 | 0.58 | 0.57 | 0.59 | 0.57 | 0.58 | 0.57 | 0.58 | 0.60 | 0.59 | 0.60 | 0.59 | 0.60 | 0.59 | 0.59 |
| 160 | 0.59 | 0.60 | 0.59 | 0.60 | 0.59 | 0.61 | 0.60 | 0.61 | 0.60 | 0.61 | 0.60 | 0.61 | 0.63 | 0.61 | 0.62 | 0.61 | 0.62 | 0.61 | 0.62 |
| 165 | 0.61 | 0.62 | 0.61 | 0.62 | 0.62 | 0.63 | 0.63 | 0.64 | 0.63 | 0.63 | 0.63 | 0.63 | 0.65 | 0.63 | 0.64 | 0.63 | 0.65 | 0.63 | 0.64 |
| 170 | 0.64 | 0.65 | 0.64 | 0.65 | 0.64 | 0.65 | 0.64 | 0.66 | 0.64 | 0.65 | 0.64 | 0.65 | 0.67 | 0.65 | 0.66 | 0.65 | 0.66 | 0.65 | 0.66 |
| 175 | 0.67 | 0.67 | 0.66 | 0.67 | 0.66 | 0.67 | 0.67 | 0.68 | 0.67 | 0.67 | 0.67 | 0.68 | 0.69 | 0.67 | 0.68 | 0.67 | 0.68 | 0.67 | 0.68 |
| 180 | 0.69 | 0.69 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.67 | 0.68 | 0.67 | 0.68 | 0.69 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-22

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.444
Humidity:65.0%
Test Distance:5.150m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-----------------|-----------------------|-------------------------|
| NAME: LED Strip | TYPE: Indoor lighting | WEIGHT: 20g |
| SPEC.: COB LED | DIM.: 500*8*1mm | SERIAL No.: 20210622009 |
| MFR.: EVERFINE | SUR.: 500*8mm | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) □ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 59.1 | 59.1 | 59.2 | 59.6 | 60.1 | | | | | | | | | | | | | | |
| 5 | 58.9 | 59.1 | 59.2 | 59.7 | 60.2 | | | | | | | | | | | | | | |
| 10 | 58.2 | 58.5 | 58.8 | 59.3 | 59.9 | | | | | | | | | | | | | | |
| 15 | 57.1 | 57.5 | 57.8 | 58.4 | 58.9 | | | | | | | | | | | | | | |
| 20 | 55.5 | 56.0 | 56.4 | 56.9 | 57.5 | | | | | | | | | | | | | | |
| 25 | 53.5 | 54.1 | 54.4 | 55.0 | 55.4 | | | | | | | | | | | | | | |
| 30 | 51.0 | 51.7 | 52.0 | 52.6 | 52.9 | | | | | | | | | | | | | | |
| 35 | 48.1 | 48.8 | 49.2 | 49.7 | 49.9 | | | | | | | | | | | | | | |
| 40 | 44.8 | 45.6 | 45.9 | 46.4 | 46.5 | | | | | | | | | | | | | | |
| 45 | 41.2 | 41.9 | 42.2 | 42.7 | 42.7 | | | | | | | | | | | | | | |
| 50 | 37.2 | 37.9 | 38.1 | 38.6 | 38.5 | | | | | | | | | | | | | | |
| 55 | 32.8 | 33.5 | 33.7 | 34.1 | 34.0 | | | | | | | | | | | | | | |
| 60 | 28.1 | 28.8 | 28.9 | 29.3 | 29.3 | | | | | | | | | | | | | | |
| 65 | 23.1 | 23.7 | 23.9 | 24.3 | 24.3 | | | | | | | | | | | | | | |
| 70 | 17.9 | 18.4 | 18.7 | 19.1 | 19.2 | | | | | | | | | | | | | | |
| 75 | 12.6 | 13.1 | 13.5 | 14.0 | 14.2 | | | | | | | | | | | | | | |
| 80 | 7.61 | 8.18 | 8.59 | 9.19 | 9.37 | | | | | | | | | | | | | | |
| 85 | 3.47 | 4.04 | 4.42 | 4.98 | 5.22 | | | | | | | | | | | | | | |
| 90 | 0.98 | 1.36 | 1.68 | 2.08 | 2.30 | | | | | | | | | | | | | | |
| 95 | 0.29 | 0.40 | 0.49 | 0.62 | 0.69 | | | | | | | | | | | | | | |
| 100 | 0.22 | 0.27 | 0.32 | 0.31 | 0.29 | | | | | | | | | | | | | | |
| 105 | 0.24 | 0.25 | 0.29 | 0.30 | 0.28 | | | | | | | | | | | | | | |
| 110 | 0.27 | 0.28 | 0.28 | 0.29 | 0.28 | | | | | | | | | | | | | | |
| 115 | 0.31 | 0.32 | 0.31 | 0.32 | 0.31 | | | | | | | | | | | | | | |
| 120 | 0.35 | 0.35 | 0.34 | 0.34 | 0.33 | | | | | | | | | | | | | | |
| 125 | 0.39 | 0.39 | 0.37 | 0.38 | 0.37 | | | | | | | | | | | | | | |
| 130 | 0.42 | 0.43 | 0.41 | 0.41 | 0.40 | | | | | | | | | | | | | | |
| 135 | 0.45 | 0.46 | 0.44 | 0.45 | 0.43 | | | | | | | | | | | | | | |
| 140 | 0.48 | 0.49 | 0.48 | 0.48 | 0.47 | | | | | | | | | | | | | | |
| 145 | 0.52 | 0.52 | 0.51 | 0.51 | 0.50 | | | | | | | | | | | | | | |
| 150 | 0.55 | 0.55 | 0.54 | 0.55 | 0.53 | | | | | | | | | | | | | | |
| 155 | 0.57 | 0.58 | 0.57 | 0.58 | 0.57 | | | | | | | | | | | | | | |
| 160 | 0.60 | 0.61 | 0.59 | 0.60 | 0.59 | | | | | | | | | | | | | | |
| 165 | 0.63 | 0.63 | 0.62 | 0.63 | 0.62 | | | | | | | | | | | | | | |
| 170 | 0.65 | 0.65 | 0.64 | 0.65 | 0.64 | | | | | | | | | | | | | | |
| 175 | 0.67 | 0.67 | 0.66 | 0.67 | 0.67 | | | | | | | | | | | | | | |
| 180 | 0.68 | 0.68 | 0.67 | 0.68 | 0.68 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-06-22

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