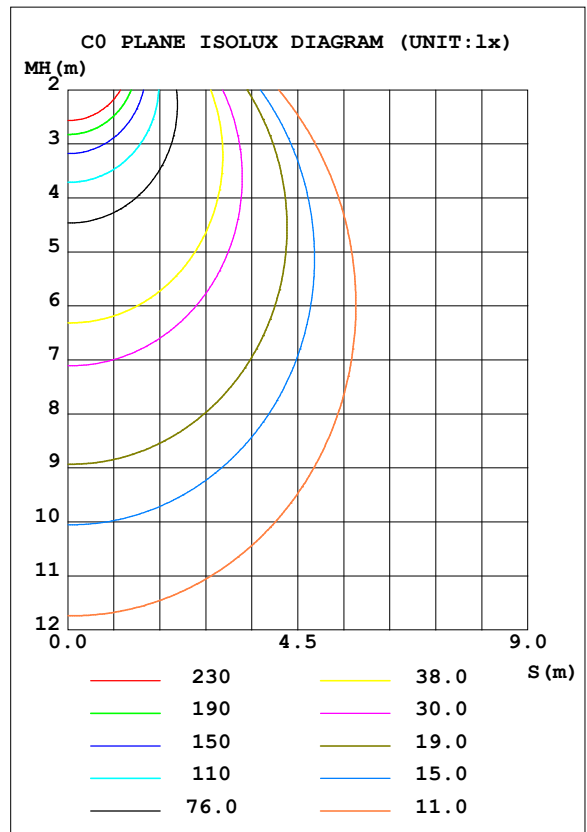
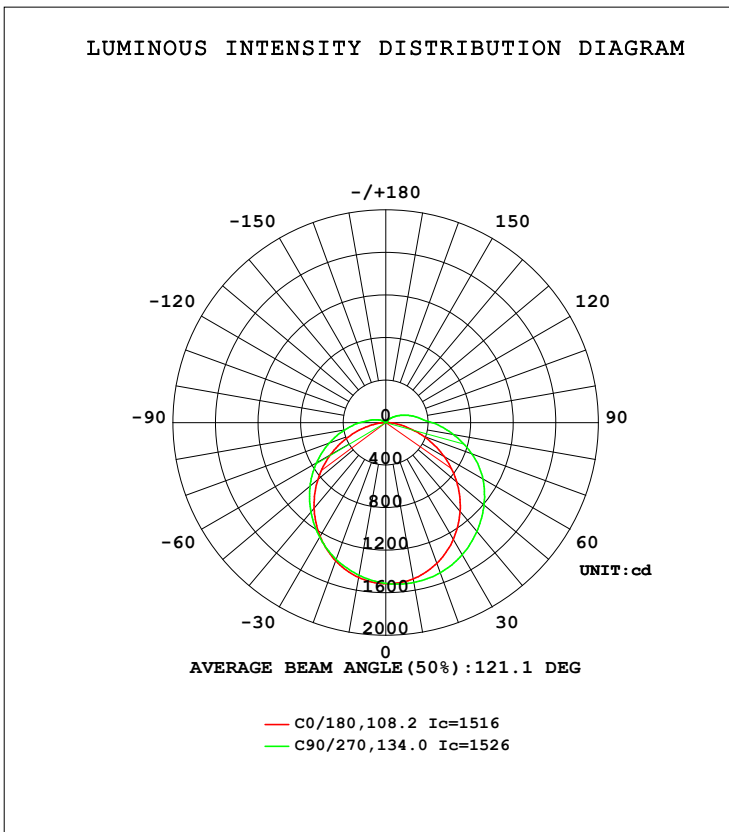


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 130.83 lm/W | | | |
|-------------------|------------|-----------------------------------|--------|--|-----------|
| MODEL | LU-TPA-40W | I _{max} (cd) | 1526 | S/MH (C0/180) | 1.25 |
| NOMINAL POWER (W) | 40 | LOR (%) | 100.0 | S/MH (C90/270) | 1.42 |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 5289.4 | <input type="checkbox"/> UP, DN (C0-180) | 4.9, 50.5 |
| NOMINAL FLUX (lm) | 5289.42 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 2.3, 42.3 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 7.2 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE (V) | 220 | <input type="checkbox"/> down (%) | 92.8 | CIBSE SHR MAX | 1.50 |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.600m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

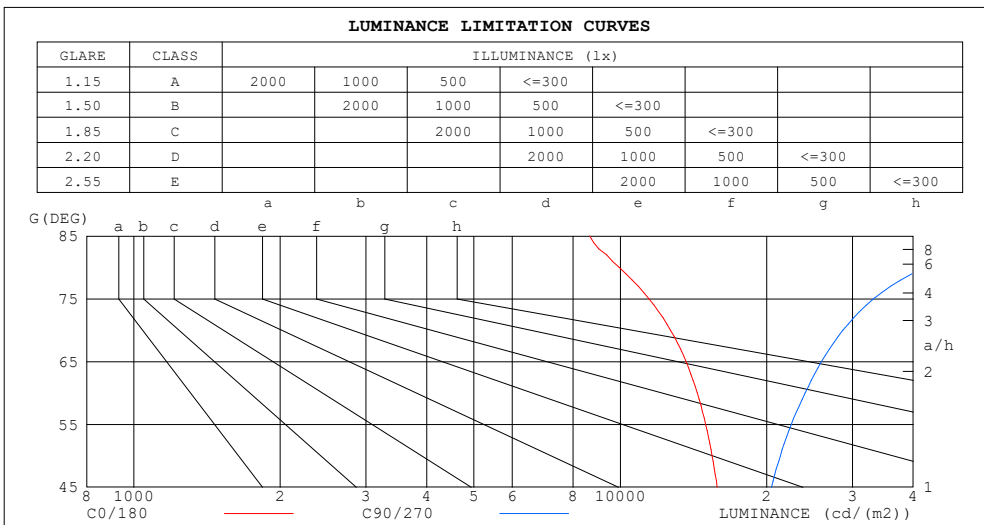
| mm | C0 | C90 | C180 | C270 | | | | | mm | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|--|--|--|--|---------|--------|---------|------------|
| 10 | 1492 | 1526 | 1478 | 1457 | | | | | 0- 10 | 143.2 | 143.2 | 2.71,2.71 |
| 20 | 1408 | 1501 | 1382 | 1368 | | | | | 10- 20 | 411.4 | 554.6 | 10.5,10.5 |
| 30 | 1270 | 1436 | 1236 | 1245 | | | | | 20- 30 | 627.4 | 1182 | 22.3,22.3 |
| 40 | 1088 | 1335 | 1050 | 1096 | | | | | 30- 40 | 765.7 | 1948 | 36.8,36.8 |
| 50 | 873.4 | 1207 | 834.2 | 930.3 | | | | | 40- 50 | 813.8 | 2762 | 52.2,52.2 |
| 60 | 633.6 | 1055 | 597.6 | 752.1 | | | | | 50- 60 | 771.4 | 3533 | 66.8,66.8 |
| 70 | 381.7 | 863.9 | 354.3 | 567.1 | | | | | 60- 70 | 645.2 | 4178 | 79,79 |
| 80 | 152.1 | 646.2 | 136.4 | 389.5 | | | | | 70- 80 | 458.3 | 4637 | 87.7,87.7 |
| 90 | 19.24 | 438.8 | 16.03 | 246.0 | | | | | 80- 90 | 270.5 | 4907 | 92.8,92.8 |
| 100 | 11.84 | 298.6 | 10.83 | 145.8 | | | | | 90-100 | 155.9 | 5063 | 95.7,95.7 |
| 110 | 9.525 | 207.8 | 8.605 | 82.63 | | | | | 100-110 | 102.3 | 5165 | 97.7,97.7 |
| 120 | 7.998 | 132.7 | 7.124 | 36.44 | | | | | 110-120 | 60.60 | 5226 | 98.8,98.8 |
| 130 | 7.436 | 73.34 | 6.658 | 20.60 | | | | | 120-130 | 31.70 | 5258 | 99.4,99.4 |
| 140 | 7.762 | 29.95 | 7.342 | 15.86 | | | | | 130-140 | 16.42 | 5274 | 99.7,99.7 |
| 150 | 8.256 | 14.30 | 8.144 | 9.610 | | | | | 140-150 | 7.383 | 5281 | 99.8,99.8 |
| 160 | 8.845 | 12.88 | 8.613 | 8.645 | | | | | 150-160 | 4.577 | 5286 | 99.9,99.9 |
| 170 | 9.446 | 8.438 | 9.155 | 8.763 | | | | | 160-170 | 2.684 | 5289 | 100,100 |
| 180 | 9.987 | 7.862 | 10.01 | 7.862 | | | | | 170-180 | 0.8489 | 5289 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | UNIT:lm | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 8651 | 70494 |
| 80 | 9954 | 42287 |
| 75 | 11460 | 33186 |
| 70 | 12683 | 28702 |
| 65 | 13651 | 25929 |
| 60 | 14400 | 23971 |
| 55 | 14980 | 22462 |
| 50 | 15441 | 21336 |
| 45 | 15824 | 20467 |

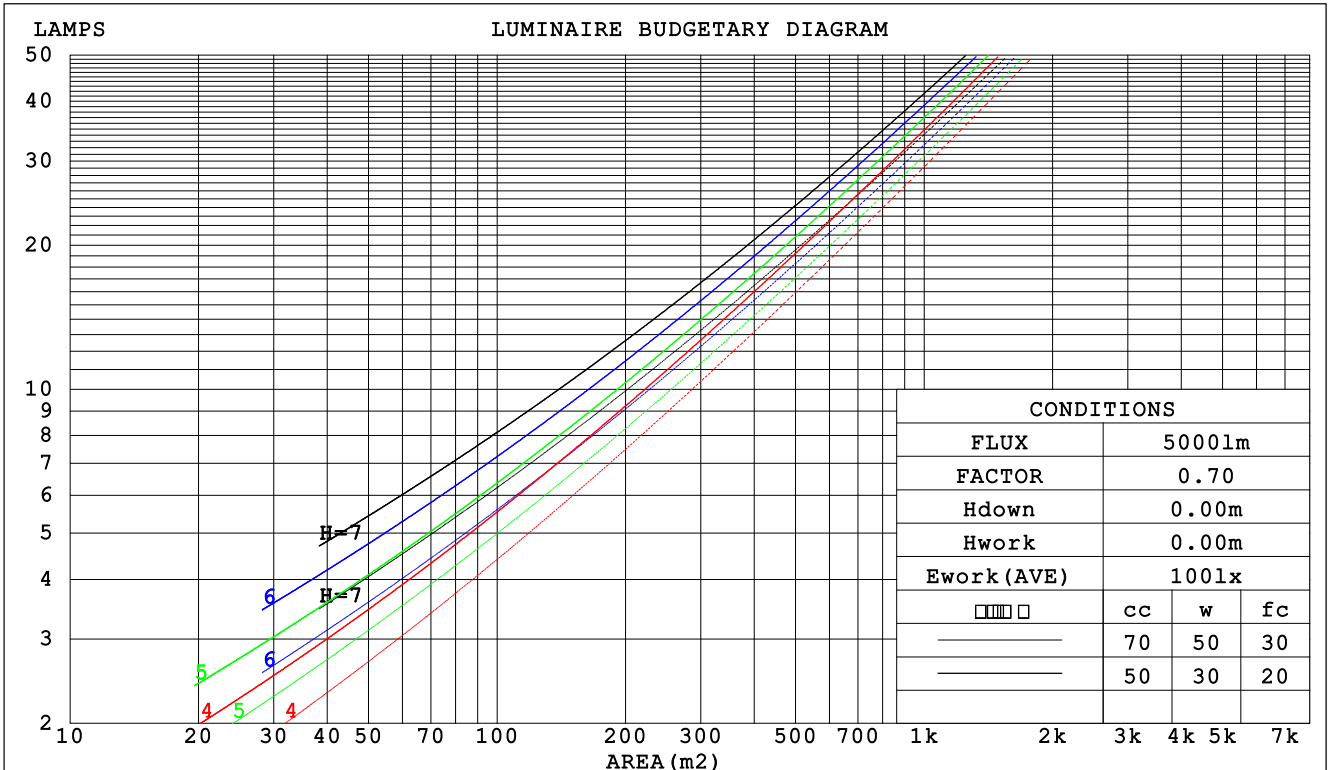
C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | 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 | 1.17 | 1.17 | 1.17 | 1.14 | 1.14 | 1.14 | 1.07 | 1.07 | 1.07 | 1.01 | 1.01 | 1.01 | .95 | .95 | .95 | .93 |
| 1.0 | .00 | .95 | .90 | .97 | .92 | .88 | .91 | .87 | .84 | .86 | .83 | .80 | .81 | .79 | .77 | .74 |
| 2.0 | .86 | .79 | .72 | .83 | .77 | .71 | .79 | .73 | .68 | .74 | .70 | .65 | .70 | .66 | .63 | .60 |
| 3.0 | .75 | .66 | .59 | .73 | .65 | .58 | .69 | .62 | .56 | .65 | .59 | .54 | .61 | .57 | .53 | .50 |
| 4.0 | .66 | .57 | .50 | .64 | .56 | .49 | .61 | .53 | .48 | .58 | .51 | .46 | .55 | .49 | .45 | .42 |
| 5.0 | .59 | .49 | .43 | .57 | .49 | .42 | .54 | .47 | .41 | .52 | .45 | .40 | .49 | .43 | .39 | .36 |
| 6.0 | .53 | .44 | .37 | .51 | .43 | .36 | .49 | .41 | .36 | .46 | .40 | .35 | .44 | .38 | .34 | .32 |
| 7.0 | .48 | .39 | .32 | .47 | .38 | .32 | .44 | .37 | .31 | .42 | .36 | .31 | .40 | .34 | .30 | .28 |
| 8.0 | .43 | .35 | .29 | .42 | .34 | .28 | .41 | .33 | .28 | .39 | .32 | .27 | .37 | .31 | .27 | .25 |
| 9.0 | .40 | .31 | .26 | .39 | .31 | .26 | .37 | .30 | .25 | .36 | .29 | .25 | .34 | .28 | .24 | .22 |
| 10.0 | .37 | .29 | .23 | .36 | .28 | .23 | .34 | .27 | .23 | .33 | .27 | .22 | .32 | .26 | .22 | .20 |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | 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 | .354 | .202 | .064 | .345 | .197 | .063 | .328 | .188 | .060 | .311 | .180 | .058 | .296 | .172 | .055 | |
| 2.0 | .317 | .174 | .053 | .309 | .170 | .052 | .293 | .163 | .051 | .279 | .156 | .049 | .265 | .150 | .047 | |
| 3.0 | .287 | .153 | .046 | .279 | .149 | .045 | .265 | .144 | .044 | .252 | .138 | .042 | .240 | .133 | .041 | |
| 4.0 | .261 | .135 | .040 | .254 | .133 | .039 | .241 | .128 | .038 | .230 | .123 | .037 | .219 | .119 | .036 | |
| 5.0 | .239 | .122 | .035 | .233 | .119 | .035 | .221 | .115 | .034 | .211 | .111 | .033 | .201 | .107 | .032 | |
| 6.0 | .220 | .110 | .032 | .214 | .108 | .031 | .204 | .105 | .030 | .194 | .101 | .030 | .185 | .098 | .029 | |
| 7.0 | .203 | .101 | .028 | .198 | .099 | .028 | .189 | .096 | .028 | .180 | .093 | .027 | .172 | .090 | .026 | |
| 8.0 | .189 | .092 | .026 | .185 | .091 | .026 | .176 | .088 | .025 | .168 | .085 | .025 | .161 | .083 | .024 | |
| 9.0 | .177 | .085 | .024 | .173 | .084 | .024 | .165 | .082 | .023 | .158 | .079 | .023 | .151 | .077 | .022 | |
| 10.0 | .166 | .079 | .022 | .162 | .078 | .022 | .155 | .076 | .021 | .148 | .074 | .021 | .142 | .071 | .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 | .246 | .246 | .246 | .210 | .210 | .210 | .143 | .143 | .143 | .082 | .082 | .082 | .026 | .026 | .026 | |
| 1.0 | .239 | .211 | .186 | .204 | .181 | .160 | .140 | .125 | .111 | .080 | .072 | .065 | .026 | .023 | .021 | |
| 2.0 | .232 | .188 | .151 | .198 | .162 | .130 | .136 | .112 | .091 | .078 | .065 | .053 | .025 | .021 | .017 | |
| 3.0 | .224 | .171 | .128 | .192 | .147 | .111 | .132 | .102 | .078 | .076 | .060 | .046 | .024 | .019 | .015 | |
| 4.0 | .216 | .158 | .113 | .185 | .136 | .098 | .128 | .095 | .069 | .074 | .056 | .041 | .024 | .018 | .013 | |
| 5.0 | .209 | .148 | .103 | .179 | .128 | .089 | .123 | .089 | .063 | .071 | .052 | .037 | .023 | .017 | .012 | |
| 6.0 | .201 | .139 | .095 | .173 | .121 | .083 | .119 | .085 | .059 | .069 | .050 | .035 | .022 | .016 | .012 | |
| 7.0 | .194 | .133 | .090 | .167 | .115 | .078 | .115 | .081 | .055 | .067 | .047 | .033 | .022 | .016 | .011 | |
| 8.0 | .187 | .127 | .085 | .161 | .110 | .074 | .112 | .077 | .053 | .065 | .046 | .031 | .021 | .015 | .010 | |
| 9.0 | .181 | .122 | .082 | .156 | .106 | .072 | .108 | .074 | .051 | .063 | .044 | .030 | .020 | .014 | .010 | |
| 10.0 | .175 | .118 | .079 | .151 | .102 | .069 | .105 | .072 | .049 | .061 | .043 | .029 | .020 | .014 | .010 | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | | | | | | | | | |
| NAME: SFD | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: EVERFINE | | | | | | | | 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 | 22.0 | 23.5 | 22.4 | 23.8 | 24.2 | 23.8 | 25.3 | 24.2 | 25.6 | 26.0 |
| 3H | 23.5 | 24.9 | 23.9 | 25.2 | 25.6 | 26.3 | 27.6 | 26.7 | 28.0 | 28.4 |
| 4H | 24.1 | 25.4 | 24.5 | 25.7 | 26.2 | 27.5 | 28.8 | 27.9 | 29.2 | 29.6 |
| 6H | 24.4 | 25.7 | 24.9 | 26.1 | 26.5 | 28.9 | 30.1 | 29.3 | 30.5 | 30.9 |
| 8H | 24.6 | 25.8 | 25.0 | 26.2 | 26.6 | 29.6 | 30.8 | 30.1 | 31.2 | 31.7 |
| 12H | 24.6 | 25.8 | 25.1 | 26.2 | 26.7 | 30.4 | 31.6 | 30.9 | 32.0 | 32.5 |
| 4H 2H | 23.0 | 24.3 | 23.4 | 24.7 | 25.1 | 24.3 | 25.6 | 24.8 | 26.0 | 26.4 |
| 3H | 24.7 | 25.9 | 25.2 | 26.3 | 26.8 | 27.0 | 28.1 | 27.4 | 28.5 | 29.0 |
| 4H | 25.5 | 26.5 | 26.0 | 27.0 | 27.5 | 28.4 | 29.5 | 28.9 | 29.9 | 30.4 |
| 6H | 26.0 | 27.0 | 26.5 | 27.5 | 28.0 | 30.0 | 30.9 | 30.5 | 31.4 | 31.9 |
| 8H | 26.2 | 27.1 | 26.8 | 27.6 | 28.1 | 30.8 | 31.7 | 31.3 | 32.2 | 32.7 |
| 12H | 26.4 | 27.2 | 26.9 | 27.7 | 28.3 | 31.8 | 32.6 | 32.3 | 33.1 | 33.7 |
| 8H 4H | 26.2 | 27.1 | 26.7 | 27.6 | 28.1 | 28.7 | 29.5 | 29.2 | 30.0 | 30.6 |
| 6H | 27.1 | 27.8 | 27.6 | 28.3 | 28.9 | 30.5 | 31.2 | 31.0 | 31.7 | 32.3 |
| 8H | 27.4 | 28.1 | 28.0 | 28.7 | 29.3 | 31.5 | 32.1 | 32.0 | 32.7 | 33.3 |
| 12H | 27.7 | 28.3 | 28.3 | 28.9 | 29.5 | 32.7 | 33.3 | 33.3 | 33.8 | 34.5 |
| 12H 4H | 26.4 | 27.2 | 27.0 | 27.7 | 28.3 | 28.7 | 29.5 | 29.2 | 30.0 | 30.6 |
| 6H | 27.4 | 28.1 | 28.0 | 28.6 | 29.3 | 30.5 | 31.2 | 31.1 | 31.7 | 32.3 |
| 8H | 27.9 | 28.5 | 28.5 | 29.1 | 29.7 | 31.6 | 32.2 | 32.2 | 32.8 | 33.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.2 | | | | |
| 2.0H | + 0.2 / - 0.5 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 5289 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.8)
 Area: 0.088 m2

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |

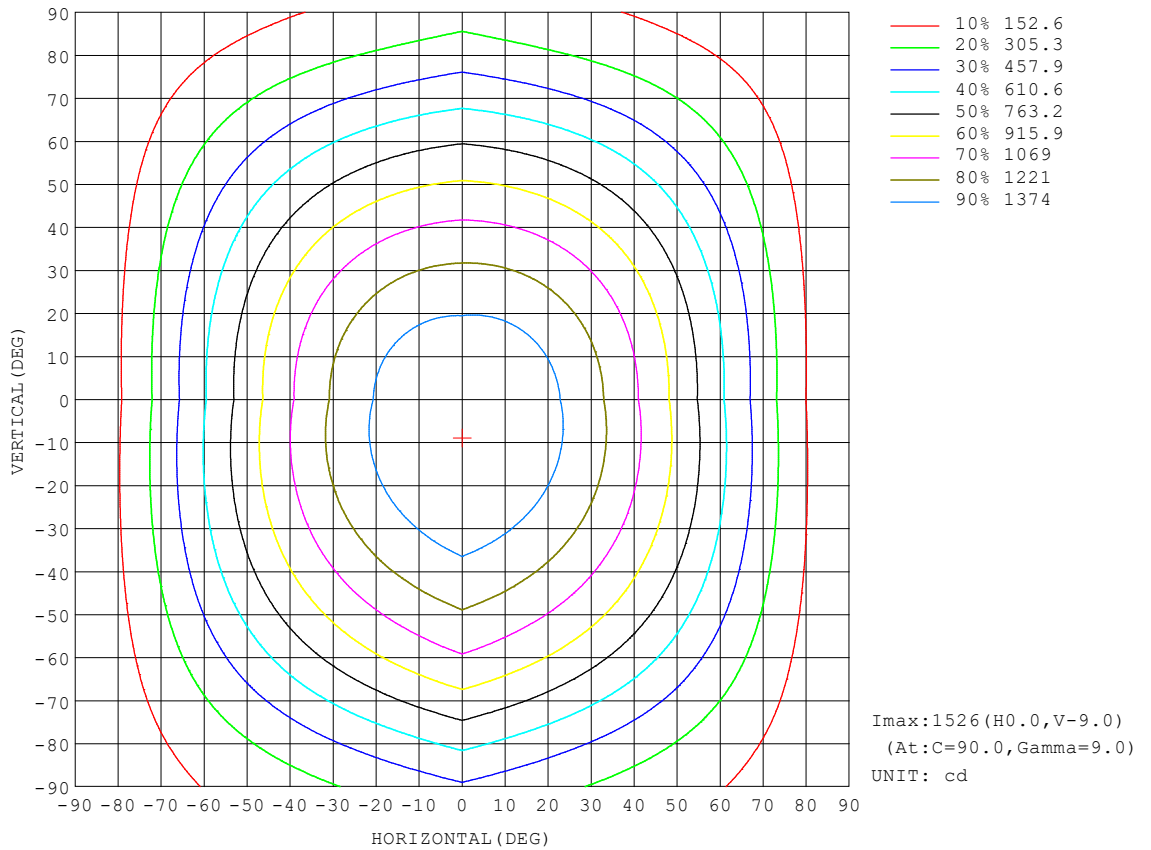
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 53 | 41 | 34 | 52 | 40 | 33 | 50 | 40 | 33 | 27 |
| 0.80 | 62 | 50 | 42 | 61 | 49 | 42 | 59 | 48 | 41 | 34 |
| 1.00 | 70 | 58 | 50 | 69 | 58 | 50 | 66 | 59 | 49 | 41 |
| 1.25 | 77 | 66 | 58 | 76 | 65 | 57 | 72 | 63 | 56 | 48 |
| 1.50 | 82 | 71 | 63 | 80 | 70 | 63 | 77 | 68 | 61 | 53 |
| 2.00 | 90 | 80 | 72 | 87 | 78 | 71 | 83 | 75 | 69 | 60 |
| 2.50 | 94 | 85 | 78 | 91 | 83 | 76 | 86 | 80 | 74 | 64 |
| 3.00 | 97 | 89 | 83 | 95 | 87 | 81 | 90 | 83 | 78 | 68 |
| 4.00 | 102 | 95 | 89 | 99 | 93 | 87 | 93 | 88 | 84 | 73 |
| 5.00 | 104 | 99 | 93 | 101 | 96 | 91 | 96 | 91 | 88 | 76 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |

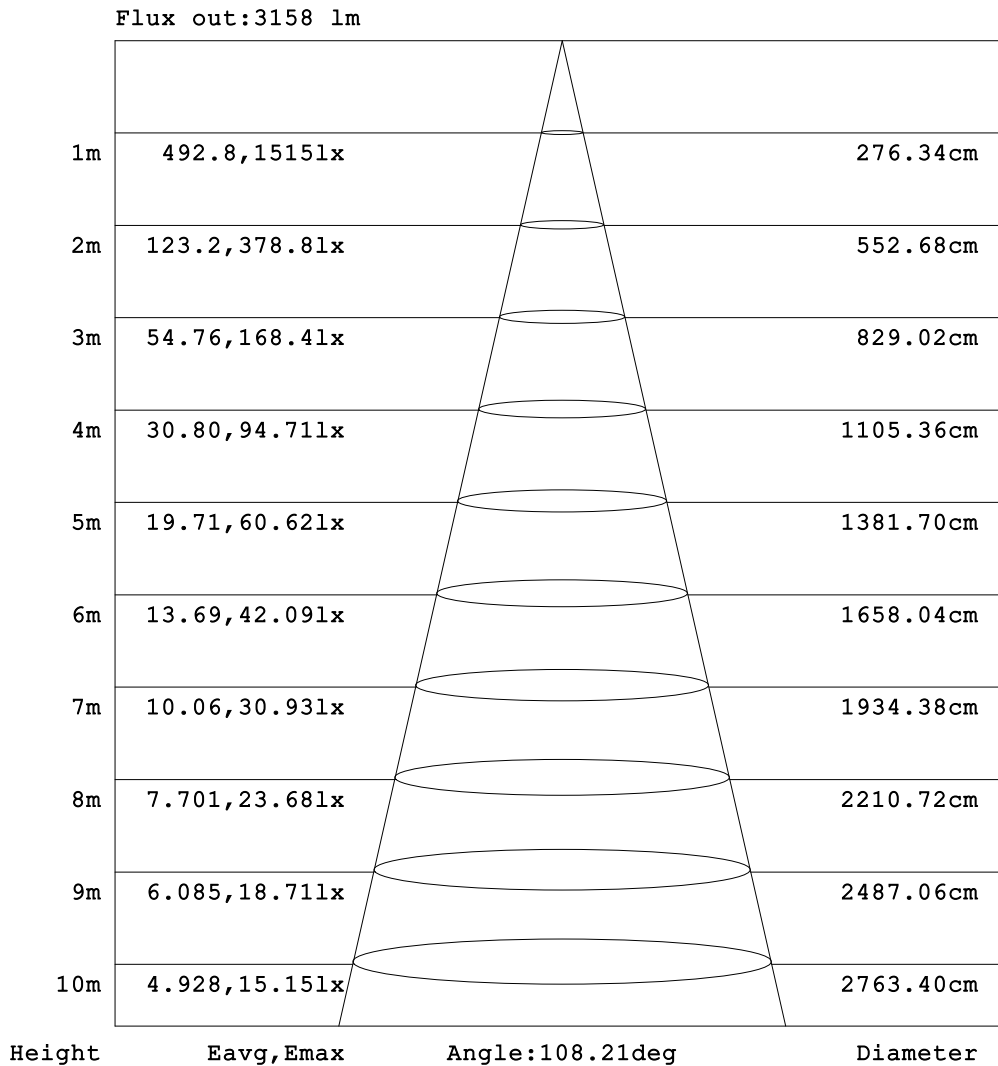


C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |



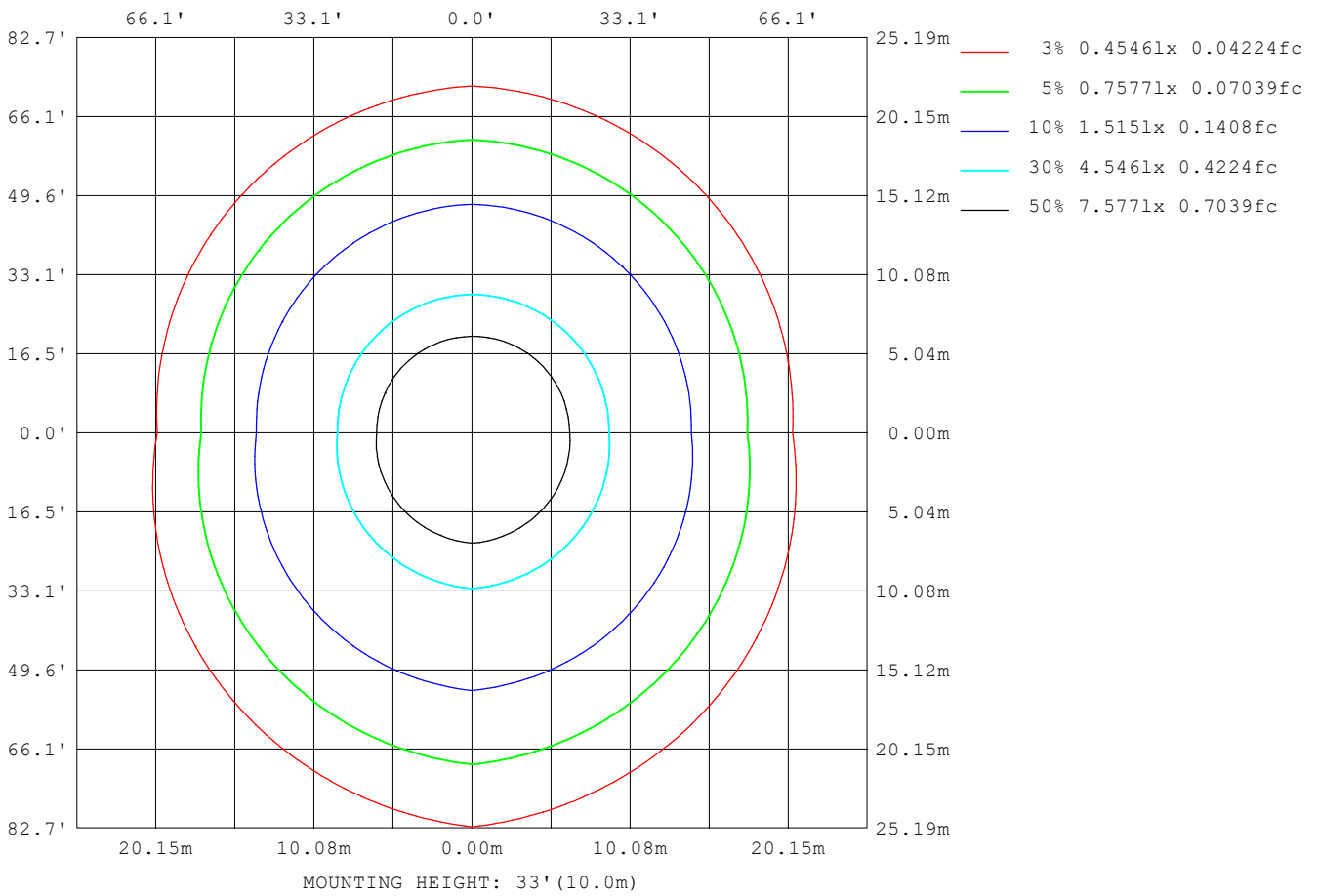
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |

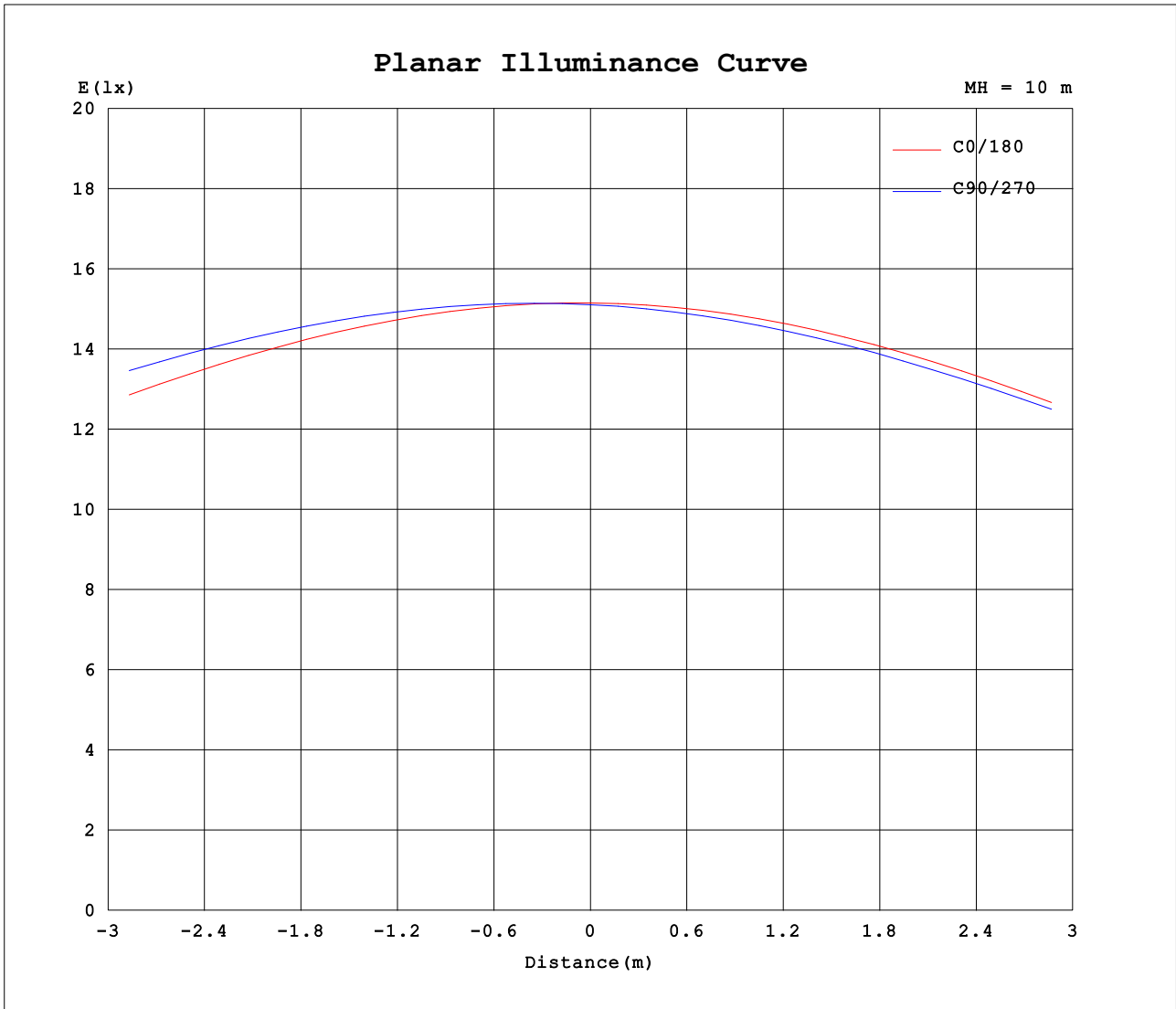
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 13221 |
| L_0~180 (75) av | 10979 |
| L_0~180 (85) av | 8088 |
| L_90~270 (65) av | 21837 |
| L_90~270 (75) av | 27049 |
| L_90~270 (85) av | 55625 |
| L_45 (65) av | 18579 |
| L_45 (75) av | 20992 |
| L_45 (85) av | 37764 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.600m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-08-03

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.600m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:219.48V I:0.1871A P:40.429W PF:0.9845 Freq:50.00Hz Lamp Flux:5289.42x1 lm | | |
| NAME: SFD | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 90 | 180 | 270 | | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 1515 | 1511 | 1515 | 1511 | | | | | | | | | | | | | | | |
| 5 | 1511 | 1524 | 1504 | 1489 | | | | | | | | | | | | | | | |
| 10 | 1492 | 1526 | 1478 | 1457 | | | | | | | | | | | | | | | |
| 15 | 1457 | 1519 | 1437 | 1417 | | | | | | | | | | | | | | | |
| 20 | 1408 | 1501 | 1382 | 1368 | | | | | | | | | | | | | | | |
| 25 | 1345 | 1474 | 1315 | 1311 | | | | | | | | | | | | | | | |
| 30 | 1270 | 1436 | 1236 | 1245 | | | | | | | | | | | | | | | |
| 35 | 1184 | 1389 | 1147 | 1172 | | | | | | | | | | | | | | | |
| 40 | 1088 | 1335 | 1050 | 1096 | | | | | | | | | | | | | | | |
| 45 | 985 | 1274 | 945 | 1014 | | | | | | | | | | | | | | | |
| 50 | 873 | 1207 | 834 | 930 | | | | | | | | | | | | | | | |
| 55 | 756 | 1134 | 718 | 843 | | | | | | | | | | | | | | | |
| 60 | 634 | 1055 | 598 | 752 | | | | | | | | | | | | | | | |
| 65 | 508 | 964 | 476 | 660 | | | | | | | | | | | | | | | |
| 70 | 382 | 864 | 354 | 567 | | | | | | | | | | | | | | | |
| 75 | 261 | 756 | 239 | 476 | | | | | | | | | | | | | | | |
| 80 | 152 | 646 | 136 | 390 | | | | | | | | | | | | | | | |
| 85 | 66.4 | 541 | 57.7 | 313 | | | | | | | | | | | | | | | |
| 90 | 19.2 | 439 | 16.0 | 246 | | | | | | | | | | | | | | | |
| 95 | 13.2 | 350 | 12.0 | 184 | | | | | | | | | | | | | | | |
| 100 | 11.8 | 299 | 10.8 | 146 | | | | | | | | | | | | | | | |
| 105 | 10.6 | 253 | 9.82 | 113 | | | | | | | | | | | | | | | |
| 110 | 9.53 | 208 | 8.61 | 82.6 | | | | | | | | | | | | | | | |
| 115 | 8.63 | 168 | 7.84 | 57.2 | | | | | | | | | | | | | | | |
| 120 | 8.00 | 133 | 7.12 | 36.4 | | | | | | | | | | | | | | | |
| 125 | 7.59 | 101 | 6.67 | 22.0 | | | | | | | | | | | | | | | |
| 130 | 7.44 | 73.3 | 6.66 | 20.6 | | | | | | | | | | | | | | | |
| 135 | 7.49 | 49.6 | 6.97 | 19.8 | | | | | | | | | | | | | | | |
| 140 | 7.76 | 29.9 | 7.34 | 15.9 | | | | | | | | | | | | | | | |
| 145 | 7.98 | 16.5 | 7.76 | 12.2 | | | | | | | | | | | | | | | |
| 150 | 8.26 | 14.3 | 8.14 | 9.61 | | | | | | | | | | | | | | | |
| 155 | 8.53 | 12.8 | 8.38 | 9.16 | | | | | | | | | | | | | | | |
| 160 | 8.84 | 12.9 | 8.61 | 8.65 | | | | | | | | | | | | | | | |
| 165 | 9.05 | 11.8 | 8.88 | 8.56 | | | | | | | | | | | | | | | |
| 170 | 9.45 | 8.44 | 9.15 | 8.76 | | | | | | | | | | | | | | | |
| 175 | 9.79 | 7.97 | 9.63 | 8.17 | | | | | | | | | | | | | | | |
| 180 | 9.99 | 7.86 | 10.0 | 7.86 | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-08-03

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
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