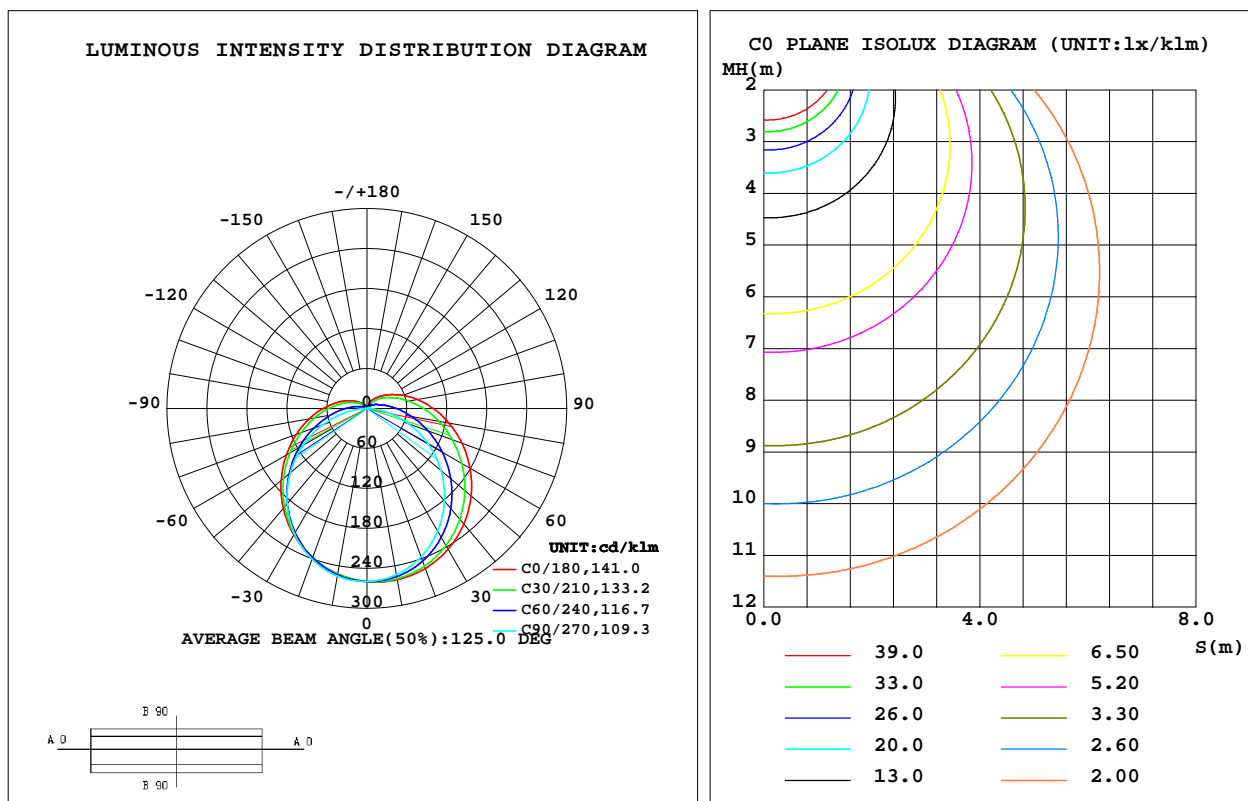


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 127.03 lm/W | | | |
|------------------|---------|-----------------------------------|---------|-------------------|----------|
| MODEL | | I _{max} (cd/klm) | 261.5 | S/MH(C0/180) | 1.26 |
| NOMINAL POWER(W) | 20 | LOR(%) | 101.6 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm/klm) | 1016.0 | h UP,DN(C0-180) | 6.8,45.0 |
| NOMINAL FLUX(lm) | 2538.25 | CIE CLASS | SEMI-D. | h UP,DN(C180-360) | 5.8,44.1 |
| LAMPS INSIDE | 1 | h up(%) | 12.6 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 120 | h down(%) | 89.0 | CIBSE SHR MAX | 1.50 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-18

q Range: 0 - 180DEG
 q Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|---------------------------|-------|--------|-------|-------|-------|--------|-------|---------|-------------|---------|-----------|
| 10 | 261.0 | 257.8 | 253.4 | 251.7 | 252.2 | 253.1 | 255.3 | 259.6 | 0- 10 | 24.59 | 24.59 | 2.42,2.46 |
| 20 | 255.5 | 247.9 | 237.1 | 235.5 | 238.5 | 238.4 | 240.9 | 250.8 | 10- 20 | 70.67 | 95.26 | 9.38,9.53 |
| 30 | 243.6 | 230.2 | 212.5 | 212.6 | 219.4 | 216.5 | 217.3 | 234.1 | 20- 30 | 107.9 | 203.2 | 20,20.3 |
| 40 | 226.2 | 206.4 | 181.0 | 184.4 | 195.4 | 189.2 | 186.4 | 210.5 | 30- 40 | 132.1 | 335.3 | 33,33.5 |
| 50 | 204.1 | 178.1 | 145.1 | 153.2 | 168.3 | 158.3 | 150.4 | 182.0 | 40- 50 | 141.2 | 476.6 | 46.9,47.7 |
| 60 | 178.6 | 147.3 | 106.3 | 120.9 | 139.9 | 125.8 | 110.7 | 150.5 | 50- 60 | 135.7 | 612.2 | 60.3,61.2 |
| 70 | 151.5 | 116.5 | 65.79 | 90.18 | 112.3 | 94.66 | 69.45 | 118.8 | 60- 70 | 118.1 | 730.4 | 71.9,73 |
| 80 | 124.7 | 88.33 | 27.39 | 63.42 | 87.58 | 67.08 | 29.24 | 89.21 | 70- 80 | 93.20 | 823.6 | 81.1,82.4 |
| 90 | 99.74 | 64.92 | 1.612 | 42.50 | 66.05 | 45.36 | 1.736 | 64.50 | 80- 90 | 66.92 | 890.5 | 87.6,89 |
| 100 | 77.55 | 46.50 | 0.7939 | 27.57 | 48.52 | 29.54 | 0.6909 | 44.82 | 90-100 | 46.22 | 936.7 | 92.2,93.7 |
| 110 | 58.68 | 32.52 | 1.154 | 16.98 | 34.23 | 18.20 | 1.038 | 31.17 | 100-110 | 31.31 | 968.0 | 95.3,96.8 |
| 120 | 42.31 | 22.84 | 1.524 | 11.10 | 22.79 | 11.76 | 1.421 | 22.00 | 110-120 | 20.24 | 988.3 | 97.3,98.8 |
| 130 | 30.07 | 15.28 | 1.913 | 7.383 | 14.90 | 7.615 | 1.780 | 15.31 | 120-130 | 12.81 | 1001 | 98.5,100 |
| 140 | 20.66 | 10.02 | 2.211 | 4.853 | 9.066 | 4.928 | 2.091 | 9.501 | 130-140 | 7.438 | 1009 | 99.3,101 |
| 150 | 13.80 | 6.608 | 2.527 | 3.505 | 5.317 | 3.417 | 2.400 | 6.447 | 140-150 | 4.071 | 1013 | 99.7,101 |
| 160 | 8.752 | 4.864 | 2.766 | 2.879 | 3.102 | 2.781 | 2.641 | 4.658 | 150-160 | 2.148 | 1015 | 99.9,101 |
| 170 | 3.702 | 3.528 | 2.900 | 2.939 | 2.861 | 2.912 | 2.851 | 3.540 | 160-170 | 1.028 | 1016 | 100,102 |
| 180 | 2.965 | 2.964 | 2.987 | 2.978 | 2.963 | 2.964 | 2.988 | 2.977 | 170-180 | 0.2923 | 1016 | 100,102 |
| DEG | LUMINOUS INTENSITY:cd/klm | | | | | | | | | UNIT:lm/klm | | |

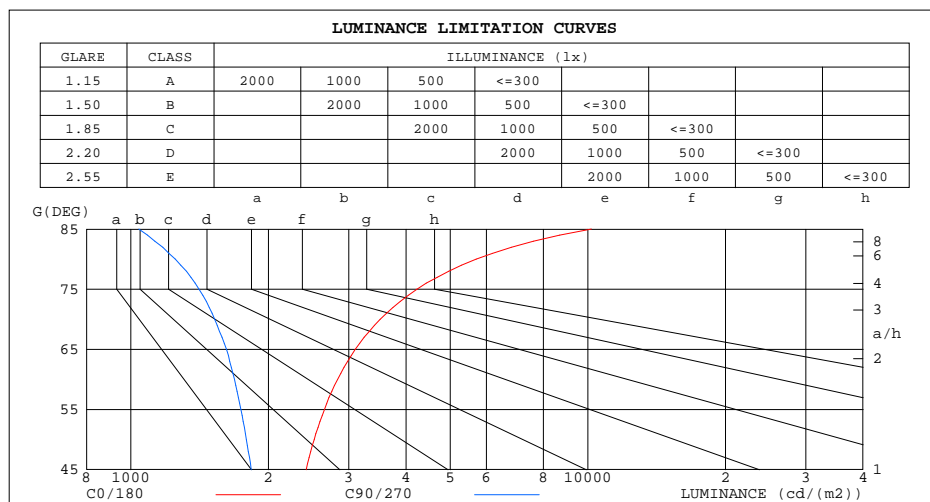
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-18

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 10180 | 1041 |
| 80 | 5695 | 1251 |
| 75 | 4227 | 1410 |
| 70 | 3514 | 1526 |
| 65 | 3099 | 1619 |
| 60 | 2833 | 1686 |
| 55 | 2651 | 1743 |
| 50 | 2519 | 1791 |
| 45 | 2420 | 1834 |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-18

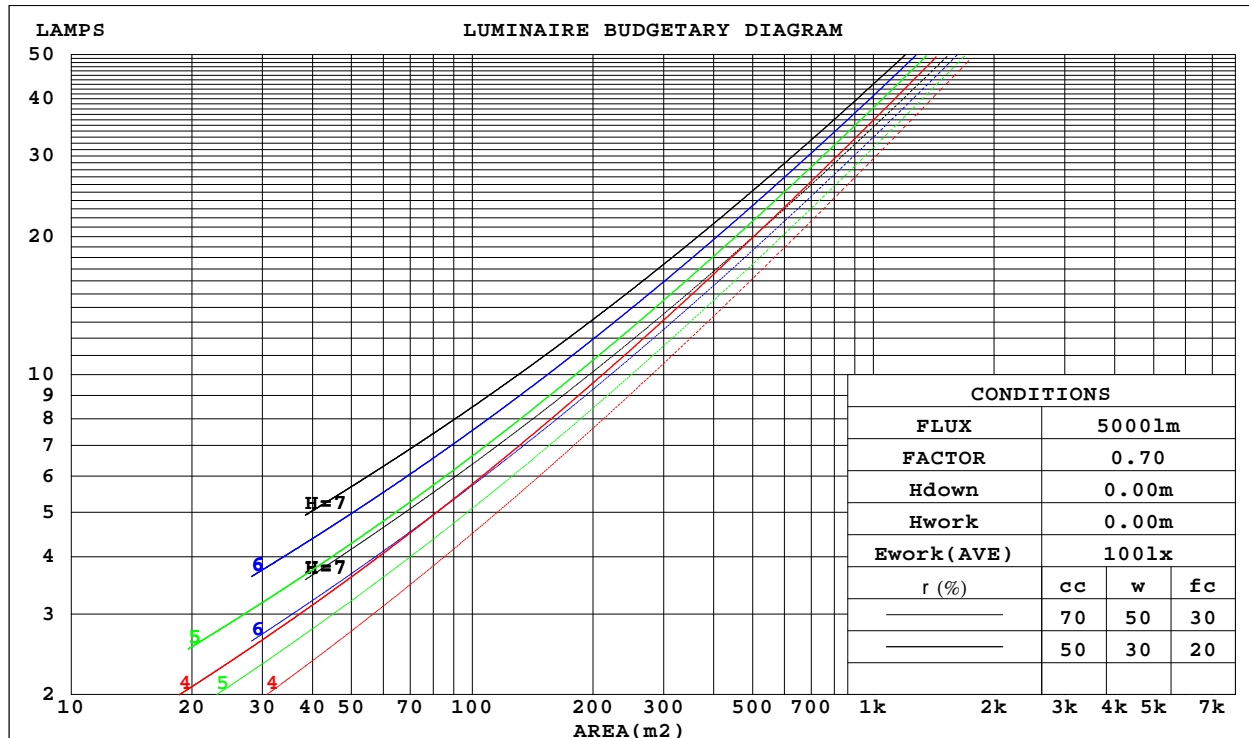
g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.18 | 1.18 | 1.18 | 1.14 | 1.14 | 1.14 | 1.06 | 1.06 | 1.06 | .99 | .99 | .99 | .92 | .92 | .92 | .89 |
| 1.0 | .99 | .94 | .89 | .96 | .91 | .87 | .89 | .85 | .81 | .83 | .80 | .77 | .77 | .75 | .72 | .69 |
| 2.0 | .85 | .77 | .71 | .82 | .75 | .69 | .76 | .71 | .65 | .71 | .66 | .62 | .66 | .62 | .59 | .56 |
| 3.0 | .74 | .65 | .58 | .72 | .63 | .57 | .67 | .60 | .54 | .62 | .56 | .51 | .58 | .53 | .49 | .46 |
| 4.0 | .65 | .56 | .48 | .63 | .54 | .47 | .59 | .51 | .45 | .55 | .49 | .43 | .51 | .46 | .42 | .39 |
| 5.0 | .58 | .48 | .41 | .56 | .47 | .40 | .52 | .45 | .39 | .49 | .42 | .37 | .46 | .40 | .36 | .33 |
| 6.0 | .52 | .43 | .36 | .50 | .42 | .35 | .47 | .40 | .34 | .44 | .38 | .33 | .42 | .36 | .31 | .29 |
| 7.0 | .47 | .38 | .31 | .46 | .37 | .31 | .43 | .35 | .30 | .40 | .34 | .29 | .38 | .32 | .28 | .25 |
| 8.0 | .43 | .34 | .28 | .42 | .33 | .27 | .39 | .32 | .26 | .37 | .30 | .26 | .35 | .29 | .25 | .22 |
| 9.0 | .39 | .31 | .25 | .38 | .30 | .24 | .36 | .29 | .24 | .34 | .28 | .23 | .32 | .26 | .22 | .20 |
| 10.0 | .36 | .28 | .22 | .35 | .27 | .22 | .33 | .26 | .21 | .31 | .25 | .21 | .30 | .24 | .20 | .18 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-18

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .379 | .215 | .068 | .367 | .210 | .067 | .346 | .199 | .063 | .327 | .189 | .061 | .310 | .179 | .058 | |
| 2.0 | .332 | .182 | .056 | .322 | .177 | .055 | .303 | .168 | .052 | .286 | .160 | .050 | .270 | .152 | .048 | |
| 3.0 | .297 | .158 | .047 | .288 | .154 | .046 | .271 | .147 | .045 | .255 | .140 | .043 | .240 | .133 | .041 | |
| 4.0 | .268 | .139 | .041 | .260 | .136 | .040 | .245 | .130 | .039 | .231 | .124 | .037 | .217 | .118 | .036 | |
| 5.0 | .244 | .125 | .036 | .237 | .122 | .035 | .223 | .116 | .034 | .210 | .111 | .033 | .198 | .106 | .032 | |
| 6.0 | .224 | .112 | .032 | .218 | .110 | .032 | .205 | .105 | .031 | .194 | .101 | .030 | .183 | .096 | .029 | |
| 7.0 | .207 | .102 | .029 | .201 | .100 | .029 | .190 | .096 | .028 | .179 | .092 | .027 | .169 | .088 | .026 | |
| 8.0 | .193 | .094 | .026 | .187 | .092 | .026 | .177 | .088 | .025 | .167 | .085 | .024 | .158 | .081 | .024 | |
| 9.0 | .180 | .087 | .024 | .175 | .085 | .024 | .165 | .082 | .023 | .156 | .078 | .022 | .148 | .075 | .022 | |
| 10.0 | .168 | .081 | .022 | .164 | .079 | .022 | .155 | .076 | .021 | .147 | .073 | .021 | .139 | .070 | .020 | |

| | | | | | | | | | | | | | | | | |
|-----------------|------------------------------------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|---|
| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| R _{CR} | R _{CR} :Room Cavity Ratio | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | | | |
| 0.0 | .289 | .289 | .289 | .247 | .247 | .247 | .169 | .169 | .169 | .097 | .097 | .097 | .031 | .031 | .031 | |
| 1.0 | .284 | .255 | .228 | .243 | .218 | .196 | .166 | .150 | .136 | .096 | .087 | .079 | .031 | .028 | .026 | |
| 2.0 | .277 | .231 | .192 | .237 | .199 | .166 | .162 | .138 | .116 | .094 | .080 | .068 | .030 | .026 | .022 | |
| 3.0 | .269 | .214 | .170 | .231 | .185 | .147 | .158 | .128 | .103 | .091 | .075 | .061 | .029 | .024 | .020 | |
| 4.0 | .261 | .201 | .155 | .224 | .174 | .135 | .154 | .121 | .095 | .089 | .071 | .056 | .029 | .023 | .018 | |
| 5.0 | .253 | .191 | .145 | .218 | .165 | .126 | .150 | .115 | .089 | .087 | .068 | .053 | .028 | .022 | .017 | |
| 6.0 | .246 | .183 | .137 | .211 | .158 | .120 | .146 | .111 | .085 | .085 | .065 | .050 | .027 | .021 | .017 | |
| 7.0 | .239 | .176 | .132 | .205 | .152 | .115 | .142 | .107 | .081 | .082 | .063 | .048 | .027 | .021 | .016 | |
| 8.0 | .232 | .170 | .128 | .199 | .148 | .111 | .138 | .104 | .079 | .080 | .061 | .047 | .026 | .020 | .016 | |
| 9.0 | .225 | .165 | .125 | .194 | .143 | .109 | .135 | .101 | .077 | .078 | .060 | .046 | .025 | .020 | .015 | |
| 10.0 | .219 | .161 | .122 | .189 | .140 | .106 | .131 | .098 | .076 | .077 | .058 | .045 | .025 | .019 | .015 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|---------------|------------------|------|------|-------|----------------|------|------------------|------|------|------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | | | | | | | | | | |
| NAME: | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: DURALED | | | | | SUR.: | | | 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 | 16.0 | 17.5 | 16.5 | 17.9 | 18.3 | 14.0 | 15.5 | 14.5 | 15.9 | 16.3 | |
| | 3H | 18.6 | 19.9 | 19.1 | 20.4 | 20.8 | 15.6 | 16.9 | 16.0 | 17.3 | 17.8 |
| | 4H | 20.0 | 21.2 | 20.5 | 21.7 | 22.2 | 16.2 | 17.5 | 16.7 | 17.9 | 18.4 |
| | 6H | 21.5 | 22.7 | 22.0 | 23.2 | 23.7 | 16.7 | 17.9 | 17.2 | 18.3 | 18.9 |
| | 8H | 22.4 | 23.5 | 22.9 | 24.0 | 24.6 | 16.8 | 18.0 | 17.3 | 18.5 | 19.0 |
| | 12H | 23.3 | 24.4 | 23.9 | 25.0 | 25.5 | 16.9 | 18.0 | 17.4 | 18.5 | 19.1 |
| 4H | 2H | 16.6 | 17.9 | 17.1 | 18.3 | 18.8 | 15.1 | 16.4 | 15.6 | 16.8 | 17.4 |
| | 3H | 19.4 | 20.5 | 19.9 | 21.0 | 21.6 | 16.9 | 18.0 | 17.5 | 18.5 | 19.1 |
| | 4H | 21.0 | 22.0 | 21.5 | 22.5 | 23.1 | 17.8 | 18.8 | 18.3 | 19.3 | 19.9 |
| | 6H | 22.7 | 23.6 | 23.3 | 24.2 | 24.8 | 18.4 | 19.3 | 19.0 | 19.9 | 20.5 |
| | 8H | 23.7 | 24.6 | 24.3 | 25.1 | 25.8 | 18.7 | 19.5 | 19.3 | 20.1 | 20.8 |
| | 12H | 24.8 | 25.6 | 25.4 | 26.2 | 26.9 | 18.9 | 19.6 | 19.5 | 20.2 | 20.9 |
| 8H | 4H | 21.3 | 22.2 | 21.9 | 22.8 | 23.4 | 18.7 | 19.6 | 19.3 | 20.2 | 20.8 |
| | 6H | 23.4 | 24.1 | 24.0 | 24.7 | 25.4 | 19.8 | 20.5 | 20.4 | 21.1 | 21.8 |
| | 8H | 24.6 | 25.2 | 25.2 | 25.8 | 26.6 | 20.2 | 20.9 | 20.9 | 21.5 | 22.2 |
| | 12H | 25.9 | 26.5 | 26.6 | 27.2 | 27.9 | 20.6 | 21.2 | 21.3 | 21.8 | 22.6 |
| 12H | 4H | 21.3 | 22.1 | 22.0 | 22.7 | 23.4 | 19.0 | 19.8 | 19.6 | 20.4 | 21.1 |
| | 6H | 23.5 | 24.1 | 24.1 | 24.8 | 25.5 | 20.3 | 20.9 | 20.9 | 21.6 | 22.3 |
| | 8H | 24.8 | 25.4 | 25.5 | 26.0 | 26.7 | 20.9 | 21.5 | 21.6 | 22.1 | 22.9 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | | |

CIE Pub.117, 2538 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.2$)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | 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 | 51 | 39 | 31 | 50 | 38 | 31 | 49 | 38 | 31 | 24 |
| 0.80 | 61 | 48 | 40 | 59 | 47 | 39 | 57 | 46 | 39 | 31 |
| 1.00 | 69 | 56 | 48 | 67 | 55 | 47 | 64 | 56 | 46 | 38 |
| 1.25 | 76 | 63 | 55 | 74 | 62 | 54 | 70 | 60 | 53 | 44 |
| 1.50 | 81 | 69 | 61 | 79 | 68 | 60 | 74 | 65 | 58 | 48 |
| 2.00 | 88 | 77 | 69 | 85 | 76 | 68 | 80 | 72 | 66 | 55 |
| 2.50 | 93 | 83 | 75 | 90 | 81 | 74 | 84 | 77 | 71 | 59 |
| 3.00 | 96 | 87 | 80 | 93 | 85 | 78 | 87 | 81 | 75 | 63 |
| 4.00 | 101 | 93 | 87 | 97 | 91 | 85 | 91 | 85 | 81 | 68 |
| 5.00 | 104 | 97 | 92 | 100 | 94 | 89 | 93 | 89 | 85 | 71 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

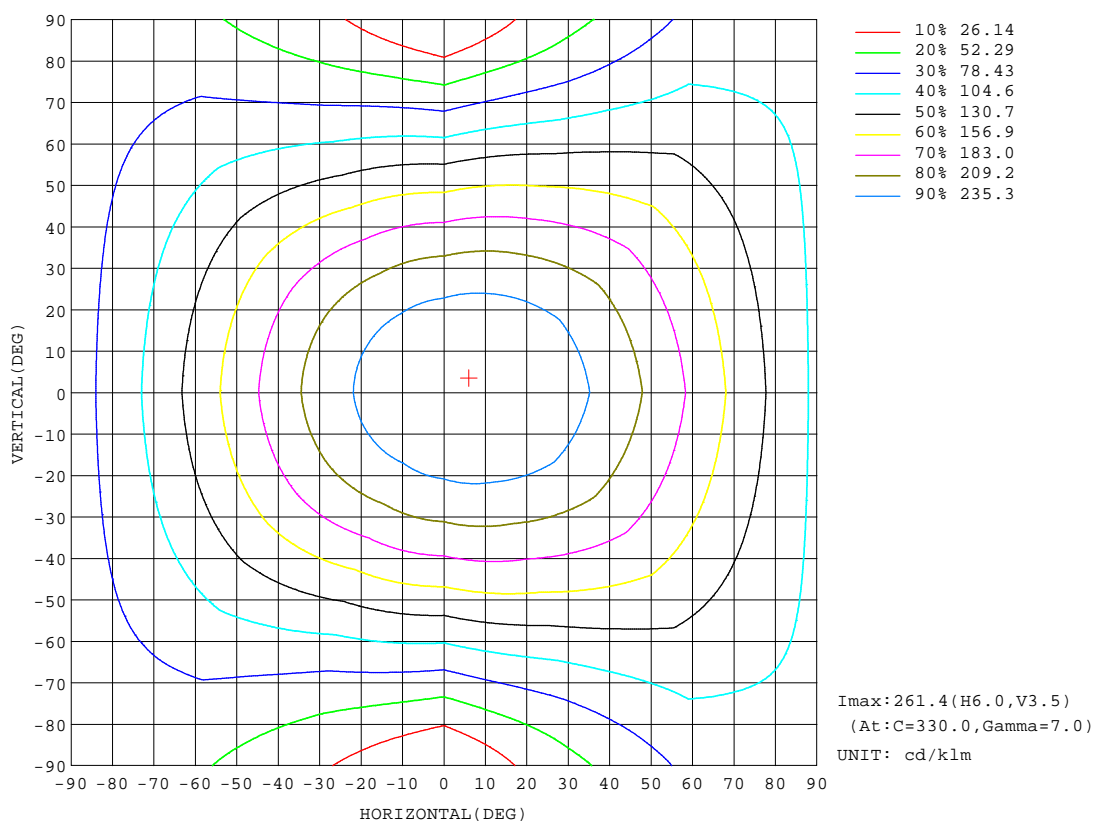
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-10-18

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-18

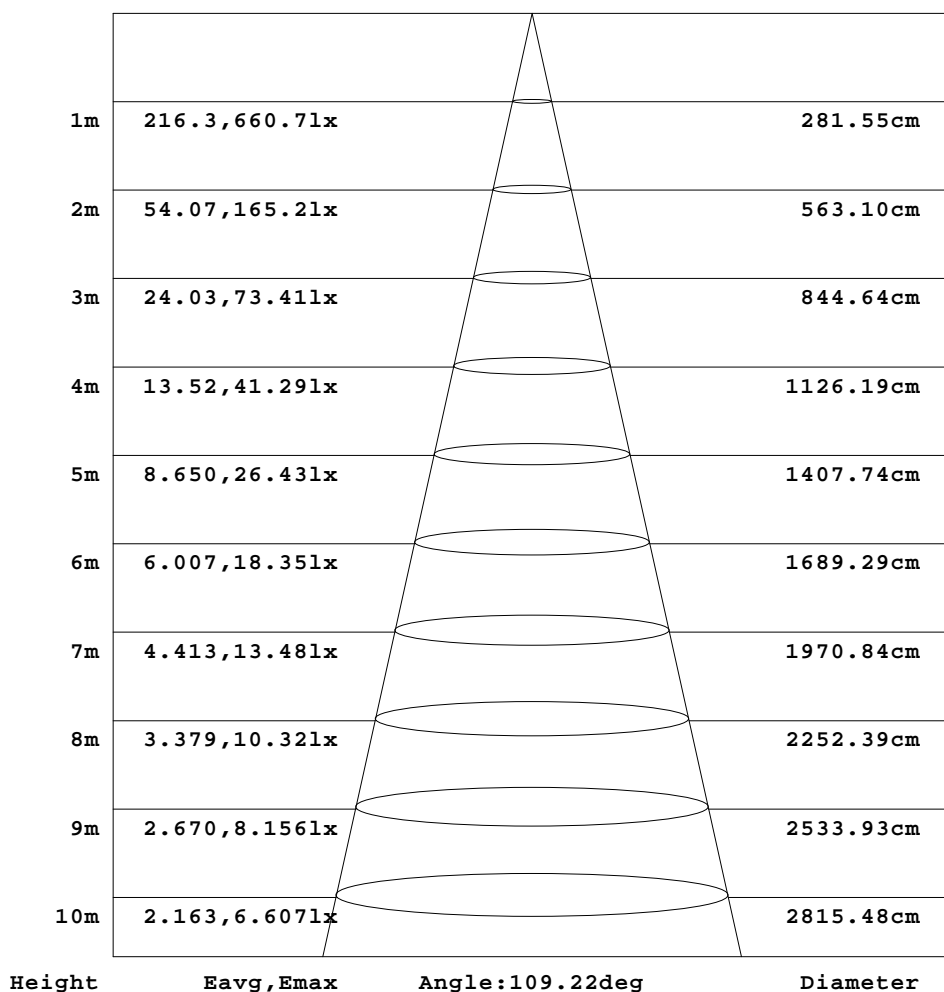
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

AAI Figure

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |

Flux out:1386 lm



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

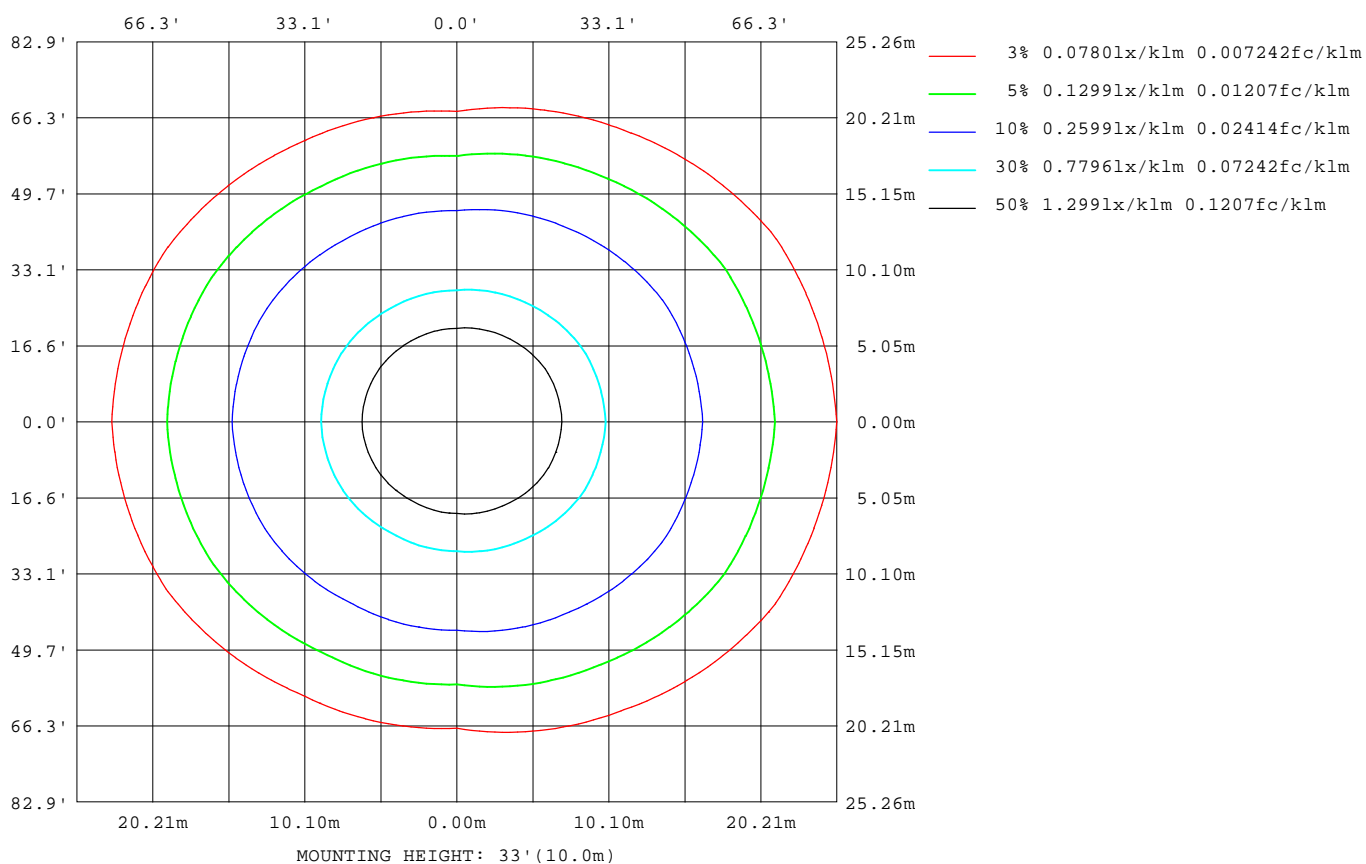
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-10-18

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DURALED | SUR.: | Shielding Angle: |

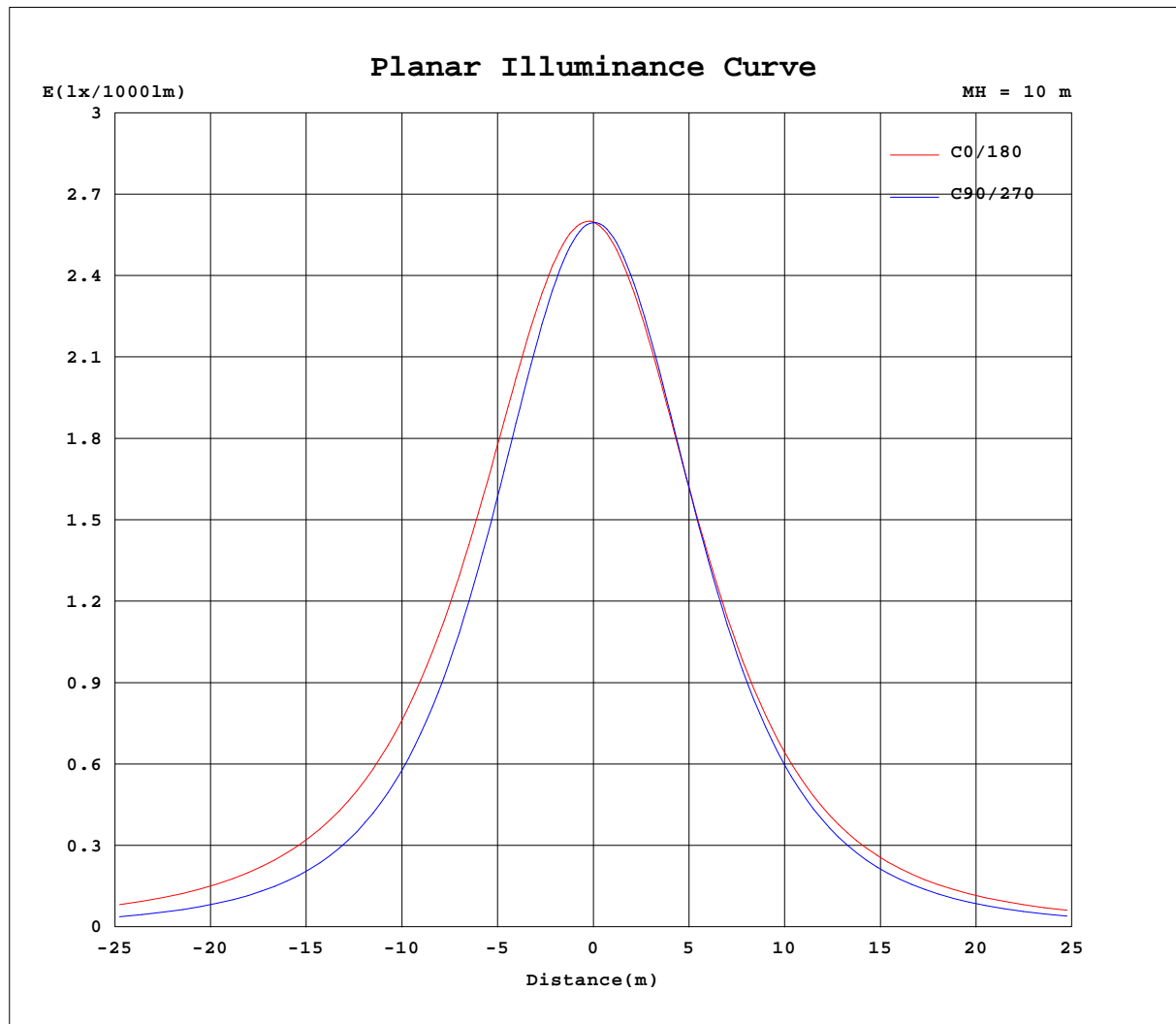
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 2731 |
| L_0~180(75)av | 3639 |
| L_0~180(85)av | 8558 |
| L_90~270(65)av | 1656 |
| L_90~270(75)av | 1454 |
| L_90~270(85)av | 1087 |
| L_45(65)av | 2267 |
| L_45(75)av | 2802 |
| L_45(85)av | 6051 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-10-18

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.040m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|------------------|--|--|
| Test:U:120.24V I:0.1759A P:20.302W PF:0.9598 Freq:50.80Hz Lamp Flux:2538.25x1 lm | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: | | | | | | SERIAL No.: | | |
| MFR.: DURALED | | | | | | | | | SUR.: | | | | | | Shielding Angle: | | |

Table--1

UNIT: cd/klm

| C(DEG) g (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|
| 0 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | | | | | |
| 5 | 261 | 260 | 259 | 258 | 257 | 257 | 257 | 257 | 258 | 259 | 260 | 261 | | | | | |
| 10 | 261 | 259 | 256 | 253 | 252 | 252 | 252 | 253 | 254 | 255 | 258 | 261 | | | | | |
| 15 | 259 | 256 | 251 | 247 | 244 | 245 | 246 | 246 | 247 | 249 | 254 | 258 | | | | | |
| 20 | 255 | 252 | 244 | 237 | 234 | 237 | 238 | 238 | 239 | 241 | 248 | 254 | | | | | |
| 25 | 250 | 245 | 234 | 226 | 223 | 227 | 230 | 229 | 228 | 230 | 239 | 248 | | | | | |
| 30 | 244 | 237 | 223 | 212 | 210 | 215 | 219 | 218 | 215 | 217 | 228 | 240 | | | | | |
| 35 | 236 | 228 | 210 | 197 | 195 | 203 | 208 | 206 | 201 | 203 | 216 | 230 | | | | | |
| 40 | 226 | 217 | 196 | 181 | 180 | 189 | 195 | 192 | 186 | 186 | 201 | 220 | | | | | |
| 45 | 216 | 205 | 181 | 163 | 163 | 175 | 182 | 178 | 170 | 169 | 186 | 207 | | | | | |
| 50 | 204 | 192 | 164 | 145 | 146 | 160 | 168 | 164 | 153 | 150 | 170 | 194 | | | | | |
| 55 | 192 | 178 | 147 | 126 | 129 | 145 | 154 | 149 | 135 | 131 | 152 | 181 | | | | | |
| 60 | 179 | 164 | 130 | 106 | 111 | 130 | 140 | 134 | 118 | 111 | 135 | 166 | | | | | |
| 65 | 165 | 150 | 114 | 86.3 | 94.5 | 116 | 126 | 119 | 101 | 90.2 | 117 | 152 | | | | | |
| 70 | 152 | 136 | 97.1 | 65.8 | 78.3 | 102 | 112 | 105 | 84.4 | 69.4 | 100 | 137 | | | | | |
| 75 | 138 | 122 | 81.6 | 46.0 | 63.4 | 89.1 | 99.6 | 91.7 | 68.6 | 48.9 | 84.0 | 123 | | | | | |
| 80 | 125 | 109 | 67.5 | 27.4 | 50.1 | 76.8 | 87.6 | 79.5 | 54.7 | 29.2 | 68.6 | 110 | | | | | |
| 85 | 112 | 96.7 | 55.1 | 11.4 | 38.7 | 65.9 | 76.2 | 68.3 | 42.7 | 12.4 | 55.5 | 97.0 | | | | | |
| 90 | 99.7 | 85.2 | 44.6 | 1.61 | 29.1 | 55.9 | 66.0 | 58.1 | 32.6 | 1.74 | 44.1 | 84.9 | | | | | |
| 95 | 88.3 | 74.2 | 35.9 | 0.63 | 21.5 | 47.1 | 56.8 | 49.0 | 24.4 | 0.52 | 33.5 | 73.3 | | | | | |
| 100 | 77.5 | 64.4 | 28.6 | 0.79 | 15.8 | 39.3 | 48.5 | 41.0 | 18.1 | 0.69 | 26.4 | 63.2 | | | | | |
| 105 | 67.7 | 55.5 | 21.4 | 0.98 | 10.8 | 32.5 | 41.1 | 33.8 | 12.6 | 0.87 | 20.0 | 54.3 | | | | | |
| 110 | 58.7 | 47.2 | 17.8 | 1.15 | 8.35 | 25.6 | 34.2 | 26.8 | 9.64 | 1.04 | 16.7 | 45.6 | | | | | |
| 115 | 49.4 | 39.3 | 15.2 | 1.33 | 6.52 | 20.7 | 27.8 | 21.7 | 7.51 | 1.23 | 13.1 | 38.5 | | | | | |
| 120 | 42.3 | 33.5 | 12.2 | 1.52 | 5.22 | 17.0 | 22.8 | 17.6 | 5.91 | 1.42 | 11.3 | 32.7 | | | | | |
| 125 | 35.8 | 28.4 | 10.0 | 1.73 | 4.36 | 13.7 | 18.5 | 14.2 | 4.77 | 1.61 | 9.39 | 27.7 | | | | | |
| 130 | 30.1 | 22.7 | 7.86 | 1.91 | 3.77 | 11.0 | 14.9 | 11.2 | 3.99 | 1.78 | 7.93 | 22.7 | | | | | |
| 135 | 24.9 | 17.6 | 7.11 | 2.07 | 3.27 | 8.66 | 11.7 | 8.80 | 3.44 | 1.94 | 6.77 | 17.2 | | | | | |
| 140 | 20.7 | 13.8 | 6.26 | 2.21 | 2.89 | 6.82 | 9.07 | 6.87 | 2.99 | 2.09 | 5.94 | 13.1 | | | | | |
| 145 | 16.9 | 10.7 | 5.56 | 2.38 | 2.61 | 5.44 | 6.94 | 5.42 | 2.62 | 2.23 | 5.26 | 10.4 | | | | | |
| 150 | 13.8 | 8.20 | 5.02 | 2.53 | 2.65 | 4.36 | 5.32 | 4.28 | 2.55 | 2.40 | 4.60 | 8.29 | | | | | |
| 155 | 10.9 | 6.88 | 4.76 | 2.65 | 2.72 | 3.49 | 4.06 | 3.39 | 2.60 | 2.51 | 4.31 | 6.65 | | | | | |
| 160 | 8.75 | 5.63 | 4.10 | 2.77 | 2.81 | 2.95 | 3.10 | 2.87 | 2.69 | 2.64 | 4.00 | 5.32 | | | | | |
| 165 | 6.76 | 4.68 | 3.85 | 2.86 | 2.89 | 2.91 | 2.81 | 2.85 | 2.79 | 2.76 | 3.79 | 4.55 | | | | | |
| 170 | 3.70 | 3.85 | 3.21 | 2.90 | 2.95 | 2.92 | 2.86 | 2.92 | 2.90 | 2.85 | 3.13 | 3.95 | | | | | |
| 175 | 3.14 | 3.17 | 2.96 | 2.96 | 2.97 | 2.99 | 2.92 | 2.98 | 2.94 | 2.94 | 2.95 | 3.05 | | | | | |
| 180 | 2.96 | 2.96 | 2.97 | 2.99 | 2.99 | 2.97 | 2.96 | 2.96 | 2.97 | 2.99 | 2.98 | 2.97 | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

| G/C | 0.0 | 30.0 | 60.0 | 90.0 | 120.0 | 150.0 | 180.0 | 210.0 | 240.0 | 270.0 |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| 0.0 | 259.9 | 259.7 | 259.6 | 259.6 | 259.8 | 260.0 | 259.9 | 259.7 | 259.6 | 259.6 |
| 3.0 | 260.8 | 260.3 | 259.6 | 258.9 | 258.3 | 258.2 | 258.1 | 258.3 | 258.7 | 259.5 |
| 6.0 | 261.2 | 260.3 | 258.8 | 257.1 | 255.9 | 255.8 | 256.0 | 256.2 | 257.2 | 258.4 |
| 9.0 | 261.1 | 259.6 | 257.0 | 254.4 | 252.7 | 253.0 | 253.2 | 253.6 | 254.6 | 256.3 |
| 12.0 | 260.5 | 258.4 | 254.5 | 250.9 | 248.8 | 249.2 | 249.9 | 250.2 | 251.2 | 253.3 |
| 15.0 | 259.1 | 256.4 | 251.1 | 246.5 | 244.1 | 244.9 | 246.2 | 246.2 | 247.1 | 249.4 |
| 18.0 | 257.2 | 254.0 | 247.1 | 241.1 | 238.5 | 240.1 | 241.7 | 241.6 | 242.2 | 244.7 |
| 21.0 | 254.6 | 250.6 | 242.2 | 235.0 | 232.3 | 234.6 | 236.8 | 236.4 | 236.5 | 239.0 |
| 24.0 | 251.5 | 246.9 | 236.4 | 228.2 | 225.5 | 228.7 | 231.5 | 230.7 | 230.2 | 232.6 |
| 27.0 | 247.9 | 242.4 | 230.2 | 220.6 | 218.1 | 222.2 | 225.8 | 224.4 | 223.1 | 225.3 |
| 30.0 | 243.6 | 237.3 | 223.2 | 212.5 | 210.0 | 215.2 | 219.4 | 217.7 | 215.3 | 217.3 |
| 33.0 | 239.1 | 231.8 | 215.8 | 203.7 | 201.3 | 207.9 | 212.7 | 210.7 | 207.2 | 208.9 |
| 36.0 | 233.8 | 225.6 | 207.5 | 194.3 | 192.3 | 200.2 | 205.5 | 203.0 | 198.5 | 199.6 |
| 39.0 | 228.3 | 219.0 | 199.0 | 184.4 | 182.9 | 192.0 | 198.0 | 195.0 | 189.2 | 189.8 |
| 42.0 | 222.2 | 212.2 | 190.0 | 174.3 | 173.2 | 183.7 | 190.2 | 186.8 | 179.7 | 179.6 |
| 45.0 | 215.7 | 204.7 | 180.6 | 163.5 | 163.3 | 174.9 | 182.3 | 178.3 | 169.8 | 168.9 |
| 48.0 | 208.9 | 197.1 | 170.9 | 152.5 | 153.0 | 166.2 | 174.0 | 169.5 | 159.6 | 157.8 |
| 51.0 | 201.6 | 189.2 | 161.0 | 141.3 | 142.7 | 157.2 | 165.5 | 160.6 | 149.3 | 146.4 |
| 54.0 | 194.3 | 181.0 | 150.9 | 129.9 | 132.2 | 148.1 | 156.9 | 151.6 | 139.0 | 134.8 |
| 57.0 | 186.4 | 172.6 | 140.7 | 118.1 | 121.8 | 139.3 | 148.4 | 142.6 | 128.4 | 122.8 |
| 60.0 | 178.6 | 164.1 | 130.4 | 106.3 | 111.5 | 130.4 | 139.9 | 133.7 | 117.9 | 110.7 |
| 63.0 | 170.5 | 155.7 | 120.2 | 94.23 | 101.2 | 121.6 | 131.4 | 124.8 | 107.5 | 98.43 |
| 66.0 | 162.4 | 147.1 | 110.1 | 82.13 | 91.06 | 113.0 | 123.0 | 116.1 | 97.41 | 85.96 |
| 69.0 | 154.3 | 138.8 | 100.4 | 69.88 | 81.44 | 104.8 | 115.0 | 107.7 | 87.61 | 73.65 |
| 72.0 | 146.0 | 130.4 | 90.83 | 57.82 | 72.13 | 96.76 | 107.2 | 99.56 | 77.91 | 61.18 |
| 75.0 | 137.9 | 122.3 | 81.59 | 46.02 | 63.36 | 89.09 | 99.55 | 91.75 | 68.57 | 48.90 |
| 78.0 | 130.0 | 114.4 | 73.07 | 34.70 | 55.23 | 81.72 | 92.32 | 84.31 | 60.10 | 37.06 |
| 81.0 | 122.0 | 106.6 | 64.97 | 23.91 | 47.67 | 74.54 | 85.41 | 77.29 | 52.17 | 25.62 |
| 84.0 | 114.3 | 99.14 | 57.46 | 14.33 | 40.83 | 67.96 | 78.53 | 70.50 | 44.88 | 15.47 |
| 87.0 | 106.9 | 92.02 | 50.71 | 6.555 | 34.67 | 61.82 | 72.07 | 64.15 | 38.39 | 7.159 |
| 90.0 | 99.74 | 85.19 | 44.64 | 1.612 | 29.06 | 55.95 | 66.05 | 58.15 | 32.57 | 1.736 |
| 93.0 | 92.82 | 78.47 | 39.19 | 0.5251 | 24.30 | 50.47 | 60.41 | 52.56 | 27.42 | 0.4668 |
| 96.0 | 86.10 | 72.17 | 34.21 | 0.6368 | 20.24 | 45.44 | 55.08 | 47.30 | 22.98 | 0.5559 |
| 99.0 | 79.62 | 66.26 | 29.89 | 0.7607 | 16.82 | 40.75 | 50.11 | 42.48 | 19.24 | 0.6265 |
| 102.0 | 73.48 | 60.74 | 26.04 | 0.8822 | 13.45 | 36.46 | 45.42 | 37.98 | 15.68 | 0.7629 |
| 105.0 | 67.69 | 55.54 | 21.36 | 0.9843 | 10.83 | 32.53 | 41.05 | 33.77 | 12.58 | 0.8693 |
| 108.0 | 62.13 | 50.69 | 19.18 | 1.082 | 9.246 | 28.78 | 36.98 | 29.70 | 10.67 | 0.9824 |
| 111.0 | 56.92 | 45.13 | 17.27 | 1.184 | 7.937 | 24.30 | 32.52 | 25.56 | 9.160 | 1.079 |
| 114.0 | 51.02 | 40.58 | 15.78 | 1.292 | 6.866 | 21.57 | 28.88 | 22.65 | 7.893 | 1.191 |
| 117.0 | 46.49 | 36.93 | 13.96 | 1.404 | 5.923 | 19.16 | 25.70 | 19.99 | 6.809 | 1.304 |
| 120.0 | 42.31 | 33.49 | 12.19 | 1.524 | 5.224 | 16.98 | 22.79 | 17.61 | 5.906 | 1.421 |
| 123.0 | 38.39 | 30.36 | 10.77 | 1.647 | 4.667 | 15.00 | 20.17 | 15.48 | 5.171 | 1.534 |
| 126.0 | 34.55 | 27.45 | 9.664 | 1.763 | 4.226 | 13.18 | 17.76 | 13.55 | 4.578 | 1.639 |
| 129.0 | 31.14 | 24.12 | 8.175 | 1.872 | 3.869 | 11.52 | 15.59 | 11.79 | 4.121 | 1.748 |
| 132.0 | 28.02 | 20.41 | 7.631 | 1.977 | 3.563 | 10.03 | 13.60 | 10.21 | 3.758 | 1.844 |
| 135.0 | 24.86 | 17.58 | 7.110 | 2.072 | 3.273 | 8.661 | 11.74 | 8.795 | 3.444 | 1.938 |
| 138.0 | 22.27 | 15.26 | 6.581 | 2.149 | 3.030 | 7.490 | 10.07 | 7.565 | 3.164 | 2.033 |
| 141.0 | 19.86 | 13.08 | 6.111 | 2.240 | 2.819 | 6.513 | 8.601 | 6.552 | 2.907 | 2.117 |
| 144.0 | 17.63 | 11.26 | 5.680 | 2.347 | 2.646 | 5.682 | 7.315 | 5.676 | 2.682 | 2.205 |
| 147.0 | 15.60 | 9.777 | 5.316 | 2.450 | 2.613 | 4.974 | 6.236 | 4.935 | 2.541 | 2.328 |
| 150.0 | 13.80 | 8.197 | 5.018 | 2.527 | 2.648 | 4.362 | 5.317 | 4.279 | 2.555 | 2.400 |
| 153.0 | 12.15 | 7.408 | 4.828 | 2.599 | 2.688 | 3.809 | 4.528 | 3.723 | 2.570 | 2.466 |
| 156.0 | 10.21 | 6.593 | 4.710 | 2.675 | 2.744 | 3.336 | 3.843 | 3.241 | 2.617 | 2.538 |
| 159.0 | 9.202 | 5.861 | 4.167 | 2.748 | 2.795 | 2.977 | 3.264 | 2.896 | 2.667 | 2.611 |
| 162.0 | 8.090 | 5.072 | 3.980 | 2.802 | 2.847 | 2.916 | 2.879 | 2.854 | 2.736 | 2.694 |
| 165.0 | 6.760 | 4.679 | 3.848 | 2.857 | 2.894 | 2.908 | 2.810 | 2.854 | 2.790 | 2.756 |
| 168.0 | 4.331 | 4.086 | 3.663 | 2.887 | 2.933 | 2.918 | 2.825 | 2.902 | 2.854 | 2.814 |
| 171.0 | 3.540 | 3.749 | 3.206 | 2.915 | 2.970 | 2.934 | 2.881 | 2.936 | 2.916 | 2.869 |
| 174.0 | 3.169 | 3.159 | 2.956 | 2.945 | 2.966 | 2.979 | 2.912 | 2.977 | 2.926 | 2.927 |
| 177.0 | 2.960 | 2.956 | 2.960 | 2.970 | 2.981 | 2.970 | 2.939 | 2.962 | 2.962 | 2.967 |
| 180.0 | 2.965 | 2.956 | 2.972 | 2.987 | 2.987 | 2.969 | 2.963 | 2.956 | 2.972 | 2.988 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 259.8 | 260.0 | | | | | | | | |
| 3.0 | 260.4 | 260.9 | | | | | | | | |
| 6.0 | 260.1 | 261.3 | | | | | | | | |
| 9.0 | 259.0 | 261.0 | | | | | | | | |
| 12.0 | 257.1 | 260.1 | | | | | | | | |
| 15.0 | 254.2 | 258.2 | | | | | | | | |
| 18.0 | 250.6 | 255.9 | | | | | | | | |
| 21.0 | 246.1 | 252.8 | | | | | | | | |
| 24.0 | 240.8 | 249.3 | | | | | | | | |
| 27.0 | 234.9 | 244.9 | | | | | | | | |
| 30.0 | 228.2 | 240.0 | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.040m [K=1.0000]
Remarks:

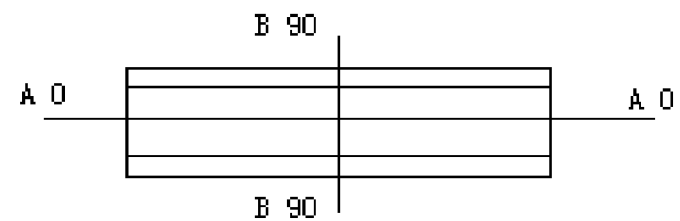
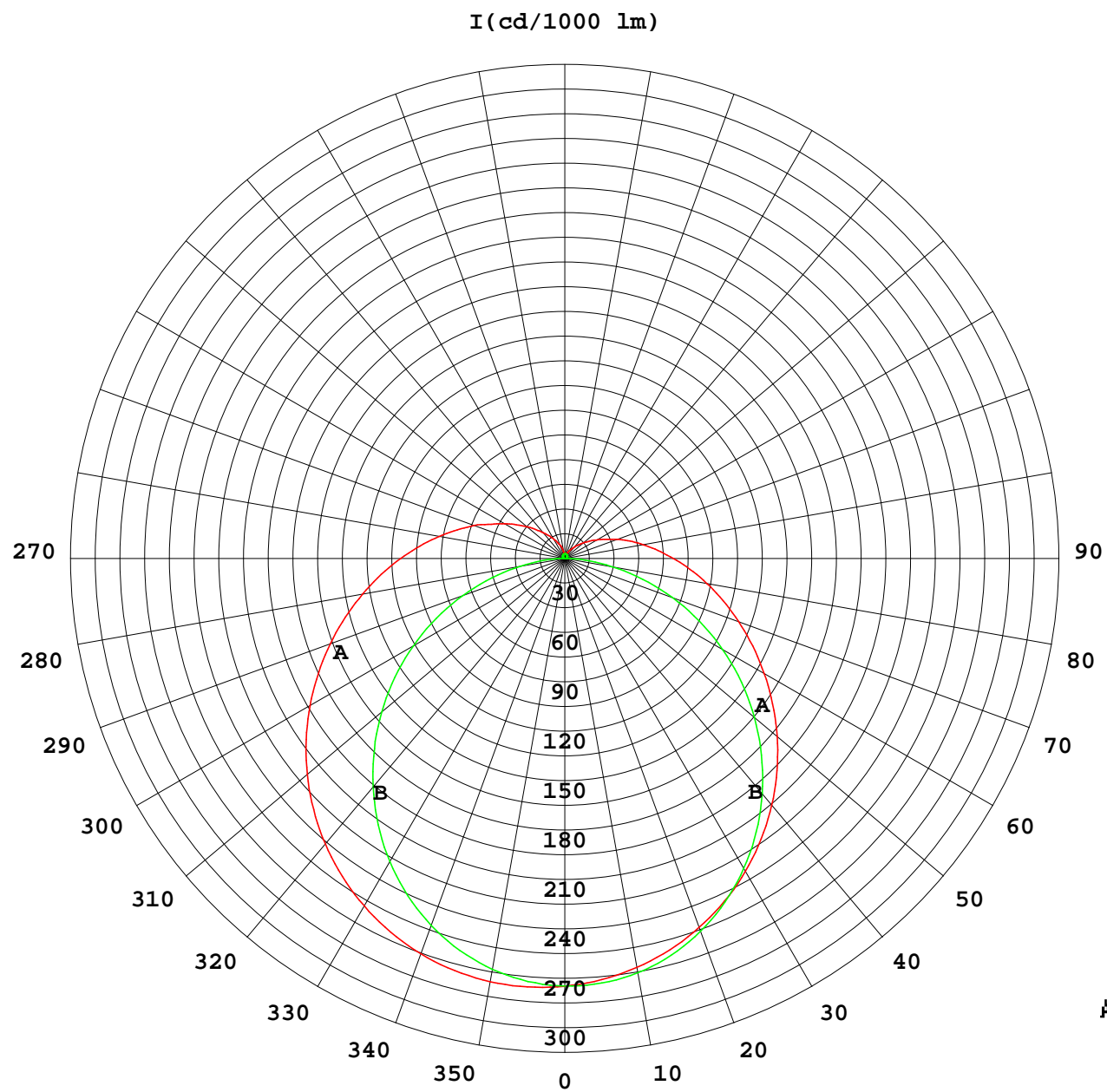
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Photometric Data Table [cd/klm]

| | | |
|-------|-------|-------|
| 33.0 | 220.9 | 234.4 |
| 36.0 | 213.1 | 228.5 |
| 39.0 | 204.4 | 221.9 |
| 42.0 | 195.5 | 214.8 |
| 45.0 | 186.1 | 207.5 |
| 48.0 | 176.2 | 199.6 |
| 51.0 | 166.2 | 191.7 |
| 54.0 | 155.9 | 183.3 |
| 57.0 | 145.3 | 174.8 |
| 60.0 | 134.8 | 166.2 |
| 63.0 | 124.3 | 157.6 |
| 66.0 | 113.8 | 148.8 |
| 69.0 | 103.6 | 140.2 |
| 72.0 | 93.57 | 131.7 |
| 75.0 | 84.02 | 123.3 |
| 78.0 | 74.49 | 115.1 |
| 81.0 | 65.93 | 107.2 |
| 84.0 | 57.93 | 99.54 |
| 87.0 | 50.72 | 92.21 |
| 90.0 | 44.13 | 84.87 |
| 93.0 | 37.63 | 77.75 |
| 96.0 | 31.77 | 71.21 |
| 99.0 | 27.62 | 65.14 |
| 102.0 | 24.18 | 59.46 |
| 105.0 | 19.95 | 54.28 |
| 108.0 | 17.95 | 49.53 |
| 111.0 | 15.90 | 43.77 |
| 114.0 | 13.10 | 39.77 |
| 117.0 | 12.61 | 36.10 |
| 120.0 | 11.33 | 32.67 |
| 123.0 | 10.09 | 29.61 |
| 126.0 | 9.067 | 26.83 |
| 129.0 | 8.190 | 23.53 |
| 132.0 | 7.466 | 20.54 |
| 135.0 | 6.771 | 17.23 |
| 138.0 | 6.230 | 14.49 |
| 141.0 | 5.791 | 12.69 |
| 144.0 | 5.381 | 10.90 |
| 147.0 | 5.032 | 9.482 |
| 150.0 | 4.602 | 8.292 |
| 153.0 | 4.501 | 7.243 |
| 156.0 | 4.227 | 6.347 |
| 159.0 | 4.105 | 5.571 |
| 162.0 | 3.899 | 4.809 |
| 165.0 | 3.791 | 4.554 |
| 168.0 | 3.329 | 4.062 |
| 171.0 | 3.130 | 3.802 |
| 174.0 | 2.940 | 3.125 |
| 177.0 | 2.961 | 2.958 |
| 180.0 | 2.984 | 2.970 |

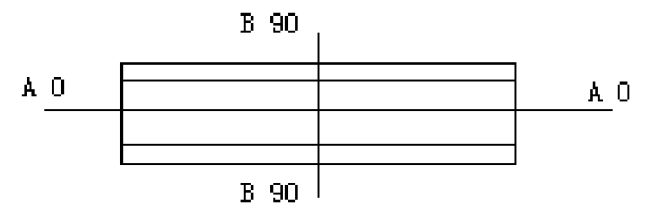
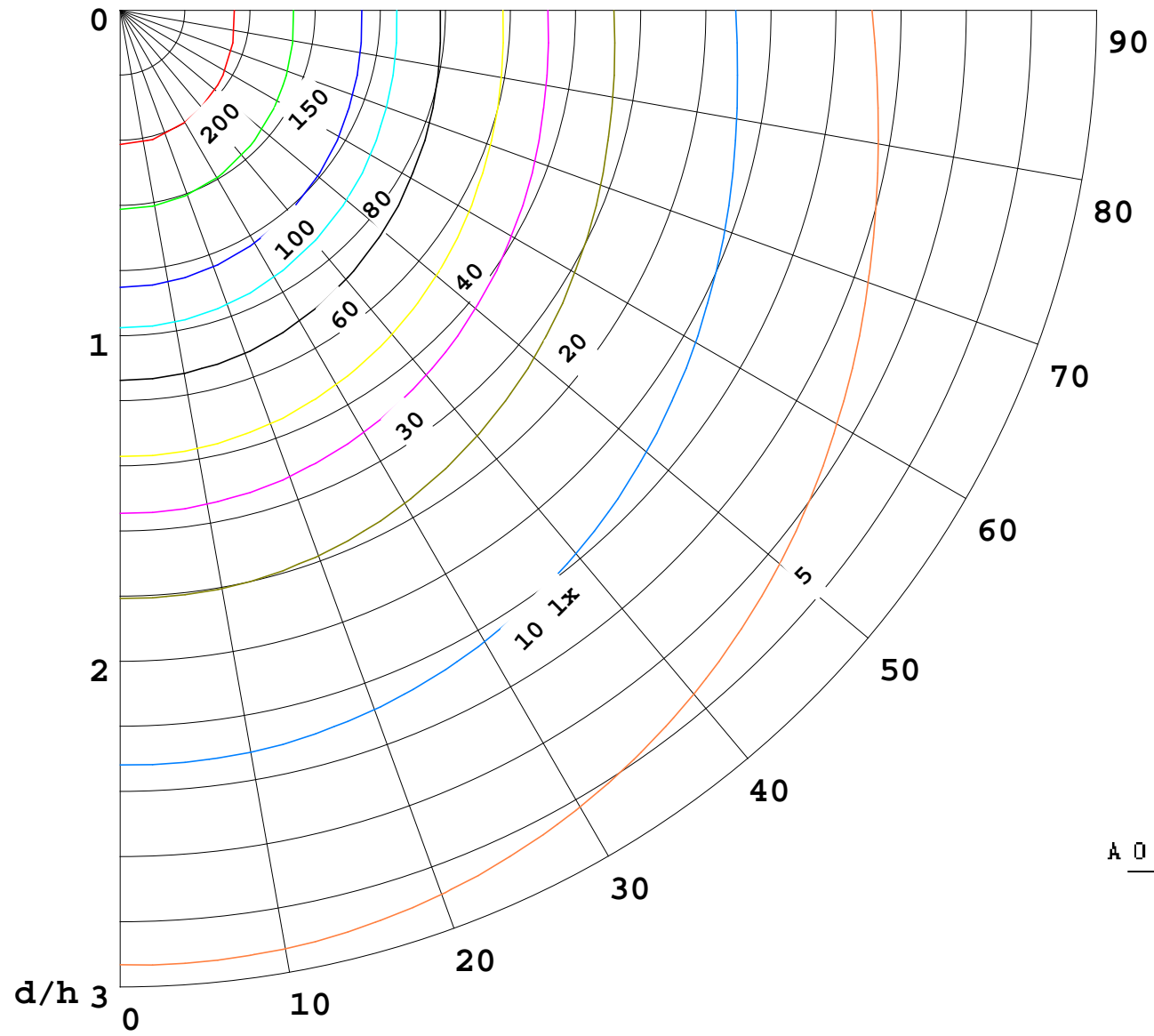
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-10-18

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.040m [K=1.0000]
Remarks:



1000 lm

$K = 1$



F = 5000 lm
K = 0.7
Hcc = 0.0 m
Hfc = 0.0 m
Eave = 100 lx

| | Pcc | Pw | Pfc |
|-------|-----|----|-----|
| ————— | 70 | 50 | 30 |
| ————— | 50 | 30 | 20 |

