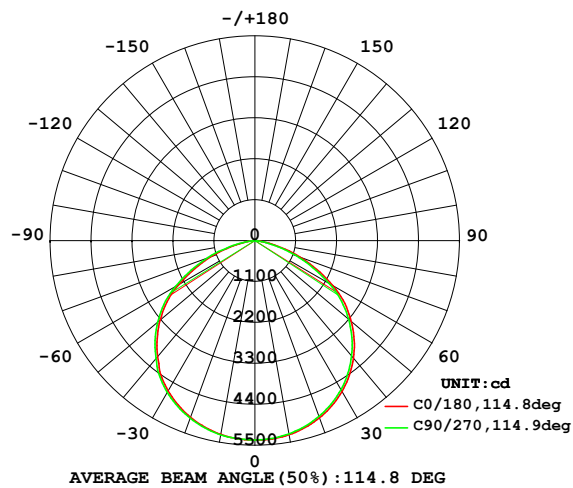


LUMINAIRE PHOTOMETRIC TEST REPORT

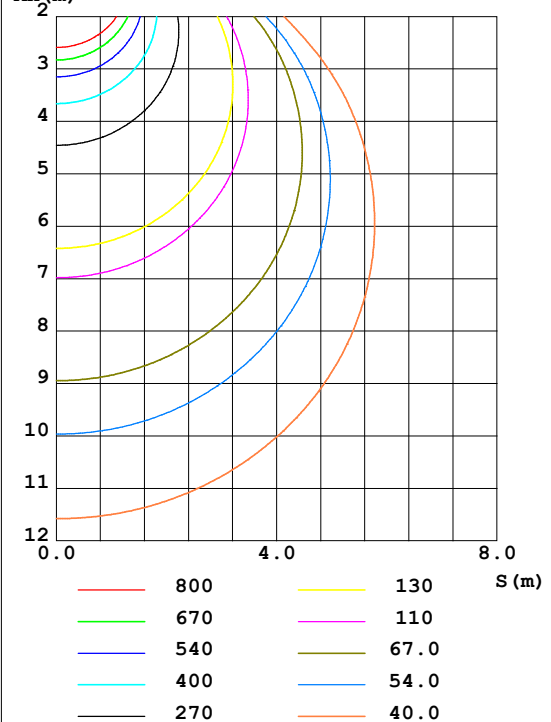
| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 149.51 lm/W | | | |
|------------------|-----------------------|-----------------------------------|--------|-------------------|----------|
| MODEL | SMD3030 (757G P20D41) | I _{max} (cd) | 5362 | S/MH(C0/180) | 1.29 |
| NOMINAL POWER(W) | 100 | LOR(%) | 100.0 | S/MH(C90/270) | 1.31 |
| RATED VOLTAGE(V) | 277 | TOTAL FLUX(lm) | 15168 | η UP,DN(C0-180) | 0.2,49.3 |
| NOMINAL FLUX(lm) | 15167.8 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.2,50.3 |
| LAMPS INSIDE | 1 | η up(%) | 0.4 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 277 | η down(%) | 99.6 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



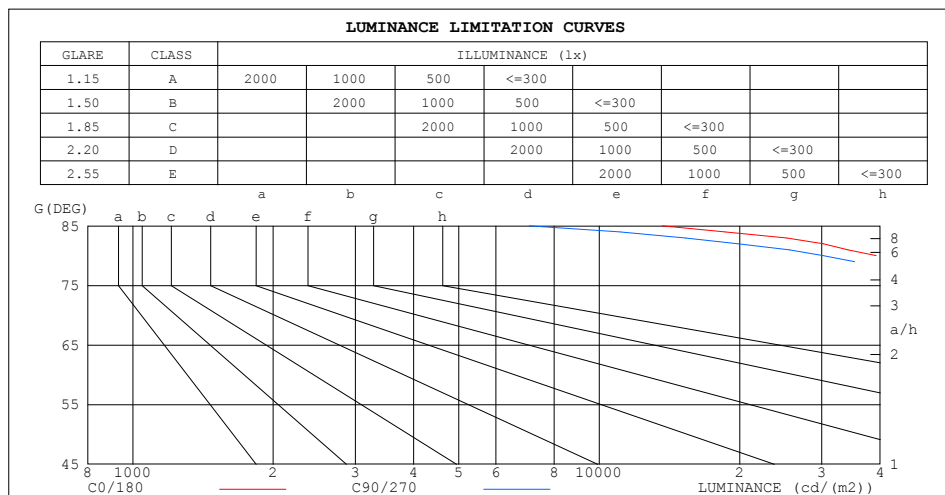
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:DEG
 Operators:guanlingao
 Test Date:2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.390m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|--|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10 | 5296 | 5282 | 5272 | 5270 | 5287 | 5290 | 5297 | 5288 | 0- 10 | 508.0 | 508.0 | 3.35, 3.35 |
| 20 | 5068 | 5045 | 5027 | 5028 | 5054 | 5064 | 5081 | 5068 | 10- 20 | 1466 | 1974 | 13, 13 |
| 30 | 4685 | 4657 | 4627 | 4639 | 4665 | 4684 | 4711 | 4691 | 20- 30 | 2251 | 4225 | 27.9, 27.9 |
| 40 | 4122 | 4056 | 4044 | 4034 | 4065 | 4119 | 4135 | 4131 | 30- 40 | 2755 | 6980 | 46, 46 |
| 50 | 3385 | 3313 | 3292 | 3285 | 3324 | 3380 | 3411 | 3399 | 40- 50 | 2883 | 9863 | 65, 65 |
| 60 | 2426 | 2336 | 2301 | 2298 | 2358 | 2416 | 2469 | 2444 | 50- 60 | 2589 | 12452 | 82.1, 82.1 |
| 70 | 1286 | 1228 | 1172 | 1194 | 1228 | 1287 | 1347 | 1314 | 60- 70 | 1786 | 14238 | 93.9, 93.9 |
| 80 | 308.0 | 270.4 | 236.8 | 251.6 | 271.0 | 304.1 | 356.0 | 325.3 | 70- 80 | 778.4 | 15016 | 99, 99 |
| 90 | 1.996 | 2.010 | 2.073 | 2.023 | 1.448 | 1.445 | 1.609 | 1.488 | 80- 90 | 89.61 | 15106 | 99.6, 99.6 |
| 100 | 4.008 | 4.144 | 4.308 | 4.196 | 3.009 | 2.874 | 2.742 | 2.783 | 90-100 | 2.692 | 15108 | 99.6, 99.6 |
| 110 | 7.138 | 7.313 | 7.496 | 7.366 | 5.801 | 5.645 | 5.436 | 5.488 | 100-110 | 5.206 | 15114 | 99.6, 99.6 |
| 120 | 10.46 | 10.63 | 10.83 | 10.69 | 8.911 | 8.664 | 8.494 | 8.605 | 110-120 | 7.988 | 15122 | 99.7, 99.7 |
| 130 | 13.44 | 13.59 | 13.75 | 13.65 | 11.75 | 11.67 | 11.46 | 11.53 | 120-130 | 9.982 | 15132 | 99.8, 99.8 |
| 140 | 15.94 | 16.10 | 16.20 | 16.12 | 14.04 | 13.82 | 13.73 | 13.67 | 130-140 | 10.70 | 15142 | 99.8, 99.8 |
| 150 | 17.83 | 17.96 | 18.01 | 17.95 | 15.94 | 15.79 | 15.61 | 15.62 | 140-150 | 10.00 | 15152 | 99.9, 99.9 |
| 160 | 19.28 | 19.38 | 19.39 | 19.35 | 17.76 | 17.48 | 17.49 | 17.46 | 150-160 | 8.151 | 15160 | 100, 100 |
| 170 | 20.46 | 20.51 | 20.48 | 20.45 | 19.21 | 19.09 | 18.91 | 18.92 | 160-170 | 5.396 | 15166 | 100, 100 |
| 180 | 20.94 | 20.93 | 20.85 | 20.77 | 20.96 | 20.94 | 20.85 | 20.77 | 170-180 | 1.929 | 15168 | 100, 100 |
| DEG | LUMINOUS INTENSITY:cd MAX (Ii - Iavg)/Iavg (0-135) = 148.5 % | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 13651 | 7071 |
| 80 | 39227 | 30163 |
| 75 | 63666 | 54859 |
| 70 | 83127 | 75771 |
| 65 | 96043 | 89649 |
| 60 | 107315 | 101763 |
| 55 | 113793 | 109785 |
| 50 | 116460 | 113264 |
| 45 | 118092 | 115413 |

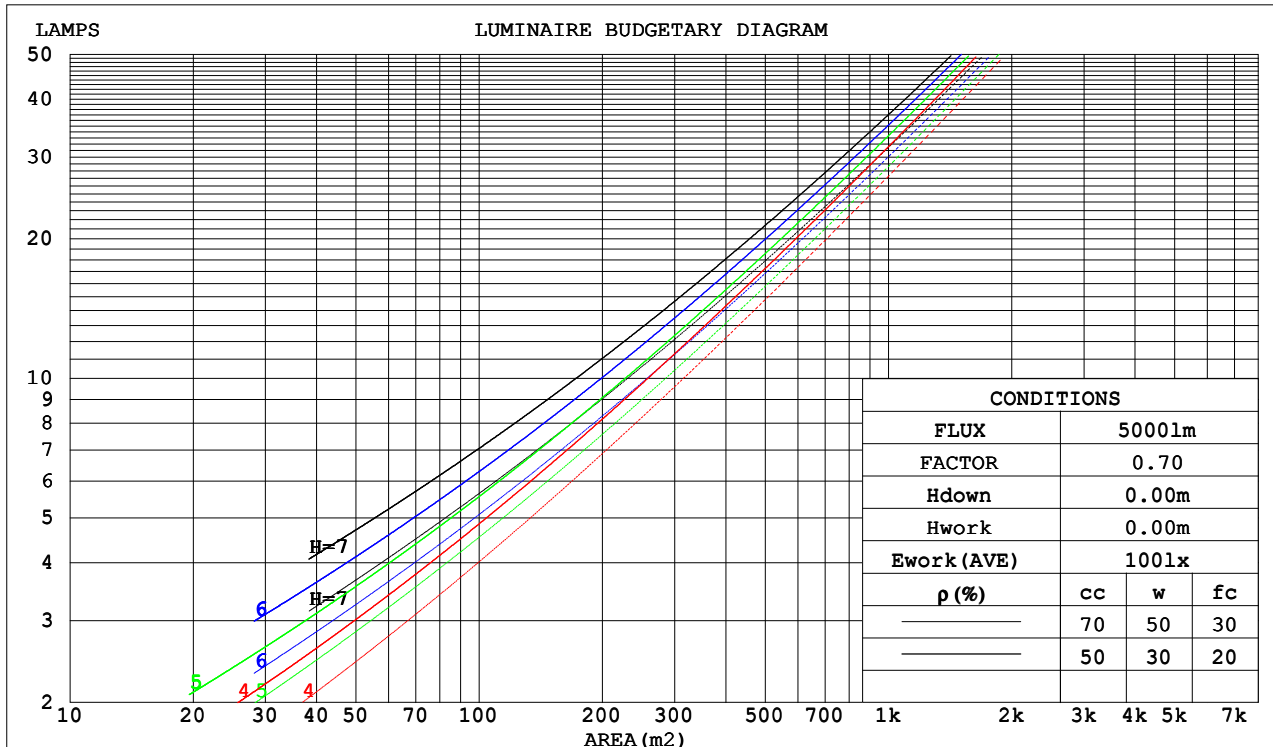
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: guanlingao
 Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.390m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 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 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.05 | 1.01 | .97 | 1.03 | .99 | .96 | .98 | .95 | .93 | .94 | .92 | .90 | .91 | .89 | .87 | .85 |
| 2.0 | .92 | .85 | .80 | .90 | .84 | .79 | .86 | .81 | .77 | .83 | .79 | .75 | .80 | .77 | .73 | .71 |
| 3.0 | .81 | .73 | .67 | .79 | .72 | .66 | .76 | .70 | .65 | .73 | .68 | .64 | .71 | .66 | .62 | .60 |
| 4.0 | .72 | .63 | .56 | .70 | .62 | .56 | .68 | .61 | .55 | .65 | .59 | .54 | .63 | .58 | .54 | .51 |
| 5.0 | .64 | .55 | .49 | .63 | .54 | .48 | .61 | .53 | .48 | .59 | .52 | .47 | .57 | .51 | .47 | .45 |
| 6.0 | .58 | .49 | .42 | .57 | .48 | .42 | .55 | .47 | .42 | .53 | .46 | .41 | .51 | .46 | .41 | .39 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .50 | .42 | .37 | .48 | .42 | .37 | .47 | .41 | .36 | .34 |
| 8.0 | .48 | .39 | .33 | .47 | .39 | .33 | .45 | .38 | .33 | .44 | .38 | .33 | .43 | .37 | .32 | .31 |
| 9.0 | .44 | .35 | .30 | .43 | .35 | .30 | .42 | .35 | .30 | .41 | .34 | .29 | .40 | .34 | .29 | .27 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .27 | .25 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: guanlingao
 Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.390m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | | | | | | | | | | |
|---|--|--|--|--|-----------------------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | | | | | | | | | | | | | |
| NAME: LM-100W | | | | | TYPE:120°glass | | | | | WEIGHT:4.035kg | | | | |
| SPEC.:5000k R80 264L | | | | | DIM.: D280mm*167mm | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | SUR.:0.12m*0.12m*3.14 | | | | | PROTECTION ANGLE: | | | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | | |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | | |
| 1.0 | .287 | .163 | .052 | .280 | .160 | .051 | .266 | .153 | .049 | .254 | .147 | .047 | .243 | .141 | .045 | | | |
| 2.0 | .277 | .152 | .047 | .271 | .149 | .046 | .259 | .144 | .045 | .248 | .139 | .044 | .238 | .135 | .042 | | | |
| 3.0 | .260 | .138 | .041 | .255 | .136 | .041 | .244 | .132 | .040 | .234 | .128 | .039 | .225 | .125 | .039 | | | |
| 4.0 | .242 | .126 | .037 | .237 | .124 | .037 | .228 | .121 | .036 | .219 | .118 | .036 | .211 | .115 | .035 | | | |
| 5.0 | .225 | .115 | .033 | .221 | .113 | .033 | .213 | .111 | .033 | .205 | .108 | .032 | .198 | .106 | .032 | | | |
| 6.0 | .210 | .105 | .030 | .206 | .104 | .030 | .199 | .102 | .030 | .192 | .100 | .029 | .185 | .098 | .029 | | | |
| 7.0 | .196 | .097 | .027 | .193 | .096 | .027 | .186 | .094 | .027 | .180 | .092 | .027 | .174 | .090 | .027 | | | |
| 8.0 | .183 | .090 | .025 | .180 | .089 | .025 | .174 | .087 | .025 | .169 | .086 | .025 | .164 | .084 | .024 | | | |
| 9.0 | .172 | .083 | .023 | .169 | .083 | .023 | .164 | .081 | .023 | .159 | .080 | .023 | .154 | .078 | .023 | | | |
| 10.0 | .162 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .150 | .075 | .021 | .146 | .073 | .021 | | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | | | |
| 0.0 | .194 | .194 | .194 | .165 | .165 | .165 | .113 | .113 | .113 | .065 | .065 | .065 | .021 | .021 | .021 | |
| 1.0 | .182 | .159 | .139 | .156 | .137 | .120 | .106 | .094 | .083 | .061 | .054 | .048 | .020 | .018 | .016 | |
| 2.0 | .173 | .135 | .103 | .149 | .116 | .089 | .102 | .080 | .062 | .059 | .047 | .036 | .019 | .015 | .012 | |
| 3.0 | .166 | .117 | .079 | .142 | .101 | .068 | .098 | .070 | .048 | .056 | .041 | .028 | .018 | .013 | .009 | |
| 4.0 | .158 | .104 | .063 | .136 | .090 | .054 | .093 | .063 | .038 | .054 | .037 | .023 | .017 | .012 | .007 | |
| 5.0 | .151 | .094 | .051 | .130 | .081 | .044 | .089 | .057 | .031 | .052 | .033 | .019 | .017 | .011 | .006 | |
| 6.0 | .144 | .085 | .043 | .124 | .074 | .037 | .086 | .052 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 7.0 | .138 | .078 | .037 | .118 | .068 | .032 | .082 | .048 | .023 | .047 | .028 | .014 | .015 | .009 | .004 | |
| 8.0 | .131 | .073 | .032 | .113 | .063 | .028 | .078 | .044 | .020 | .045 | .026 | .012 | .015 | .009 | .004 | |
| 9.0 | .125 | .068 | .029 | .108 | .059 | .025 | .075 | .041 | .018 | .044 | .024 | .011 | .014 | .008 | .004 | |
| 10.0 | .120 | .063 | .026 | .103 | .055 | .023 | .072 | .039 | .016 | .042 | .023 | .010 | .014 | .008 | .003 | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: guanlingao
 Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.390m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-----------------------|----------------|------|-------------------|------|------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | | | | | | | | | |
| NAME: LM-100W | | | | | TYPE:120°glass | | | WEIGHT:4.035kg | | |
| SPEC.:5000k R80 264L | | | | | DIM.: D280mm*167mm | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.:0.12m*0.12m*3.14 | | | PROTECTION 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 | 29.3 | 30.8 | 29.6 | 31.0 | 31.2 | 29.2 | 30.7 | 29.4 | 30.9 | 31.1 |
| 3H | 30.5 | 31.9 | 30.8 | 32.1 | 32.4 | 30.3 | 31.6 | 30.6 | 31.9 | 32.1 |
| 4H | 30.8 | 32.1 | 31.2 | 32.4 | 32.7 | 30.5 | 31.8 | 30.9 | 32.1 | 32.4 |
| 6H | 31.0 | 32.2 | 31.3 | 32.5 | 32.7 | 30.6 | 31.8 | 30.9 | 32.1 | 32.4 |
| 8H | 30.9 | 32.1 | 31.3 | 32.4 | 32.7 | 30.6 | 31.7 | 30.9 | 32.0 | 32.3 |
| 12H | 30.9 | 32.0 | 31.3 | 32.3 | 32.6 | 30.5 | 31.6 | 30.9 | 31.9 | 32.3 |
| 4H 2H | 29.8 | 31.1 | 30.1 | 31.4 | 31.6 | 29.7 | 31.0 | 30.0 | 31.2 | 31.5 |
| 3H | 31.1 | 32.3 | 31.5 | 32.6 | 32.9 | 30.9 | 32.1 | 31.3 | 32.4 | 32.7 |
| 4H | 31.6 | 32.6 | 31.9 | 32.9 | 33.3 | 31.3 | 32.3 | 31.7 | 32.6 | 33.0 |
| 6H | 31.7 | 32.6 | 32.1 | 33.0 | 33.4 | 31.4 | 32.3 | 31.8 | 32.7 | 33.0 |
| 8H | 31.7 | 32.6 | 32.1 | 32.9 | 33.3 | 31.4 | 32.2 | 31.8 | 32.6 | 33.0 |
| 12H | 31.7 | 32.5 | 32.1 | 32.9 | 33.3 | 31.3 | 32.1 | 31.8 | 32.5 | 32.9 |
| 8H 4H | 31.6 | 32.5 | 32.1 | 32.9 | 33.3 | 31.4 | 32.2 | 31.8 | 32.6 | 33.0 |
| 6H | 31.9 | 32.6 | 32.3 | 33.0 | 33.4 | 31.5 | 32.2 | 32.0 | 32.7 | 33.1 |
| 8H | 31.9 | 32.5 | 32.4 | 32.9 | 33.4 | 31.5 | 32.2 | 32.0 | 32.6 | 33.1 |
| 12H | 31.9 | 32.4 | 32.4 | 32.9 | 33.3 | 31.5 | 32.0 | 32.0 | 32.5 | 33.0 |
| 12H 4H | 31.6 | 32.4 | 32.0 | 32.8 | 33.2 | 31.4 | 32.1 | 31.8 | 32.5 | 32.9 |
| 6H | 31.8 | 32.5 | 32.3 | 32.9 | 33.4 | 31.5 | 32.1 | 32.0 | 32.6 | 33.0 |
| 8H | 31.9 | 32.4 | 32.4 | 32.9 | 33.3 | 31.5 | 32.1 | 32.0 | 32.5 | 33.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | + 0.3 / - 0.5 | | | | | + 0.3 / - 0.5 | | | | |
| 2.0H | + 0.4 / - 0.4 | | | | | + 0.4 / - 0.4 | | | | |

CIE Pub.117 Corrected 15168 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.4)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: guanlingao
Test Date: 2017-12-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 9.390m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |

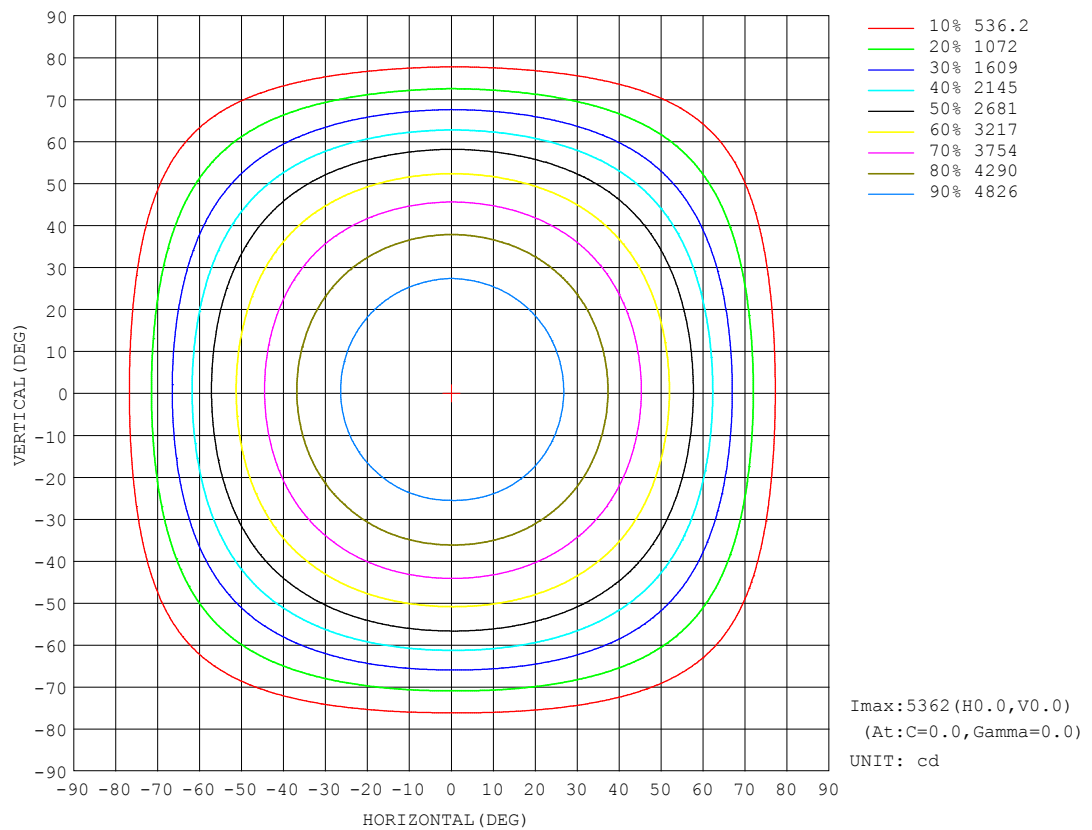
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 58 | 47 | 40 | 57 | 46 | 39 | 56 | 46 | 39 | 33 |
| 0.80 | 68 | 57 | 50 | 67 | 56 | 50 | 66 | 56 | 49 | 42 |
| 1.00 | 77 | 66 | 59 | 76 | 66 | 59 | 74 | 67 | 58 | 51 |
| 1.25 | 84 | 74 | 67 | 83 | 73 | 67 | 80 | 72 | 66 | 59 |
| 1.50 | 89 | 80 | 73 | 88 | 79 | 73 | 85 | 77 | 71 | 64 |
| 2.00 | 96 | 88 | 82 | 94 | 87 | 81 | 91 | 85 | 80 | 72 |
| 2.50 | 100 | 93 | 87 | 98 | 91 | 86 | 94 | 89 | 84 | 76 |
| 3.00 | 103 | 97 | 92 | 101 | 95 | 90 | 97 | 92 | 88 | 80 |
| 4.00 | 107 | 102 | 97 | 105 | 100 | 96 | 100 | 97 | 93 | 84 |
| 5.00 | 109 | 105 | 101 | 107 | 103 | 99 | 102 | 99 | 96 | 87 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: guanlingao
 Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.390m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |

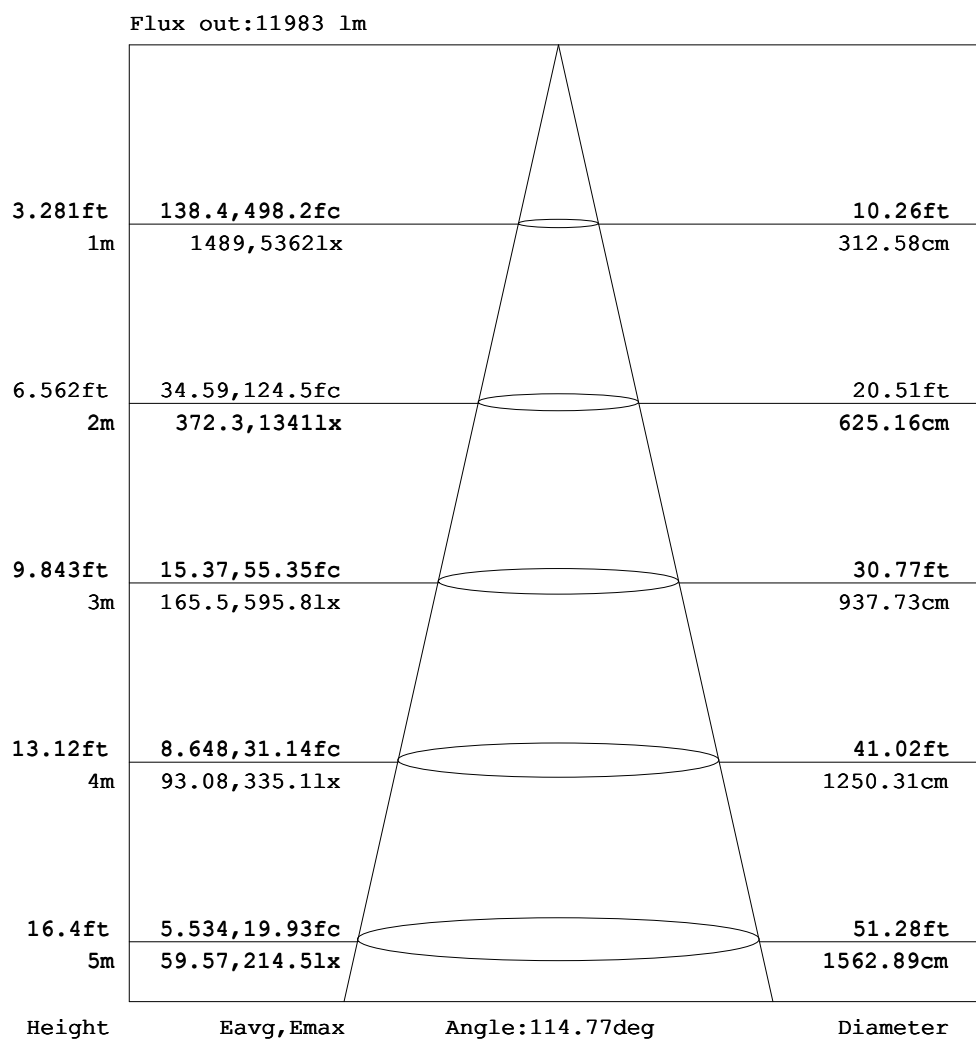


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: guanlingao
Test Date: 2017-12-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 9.390m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |



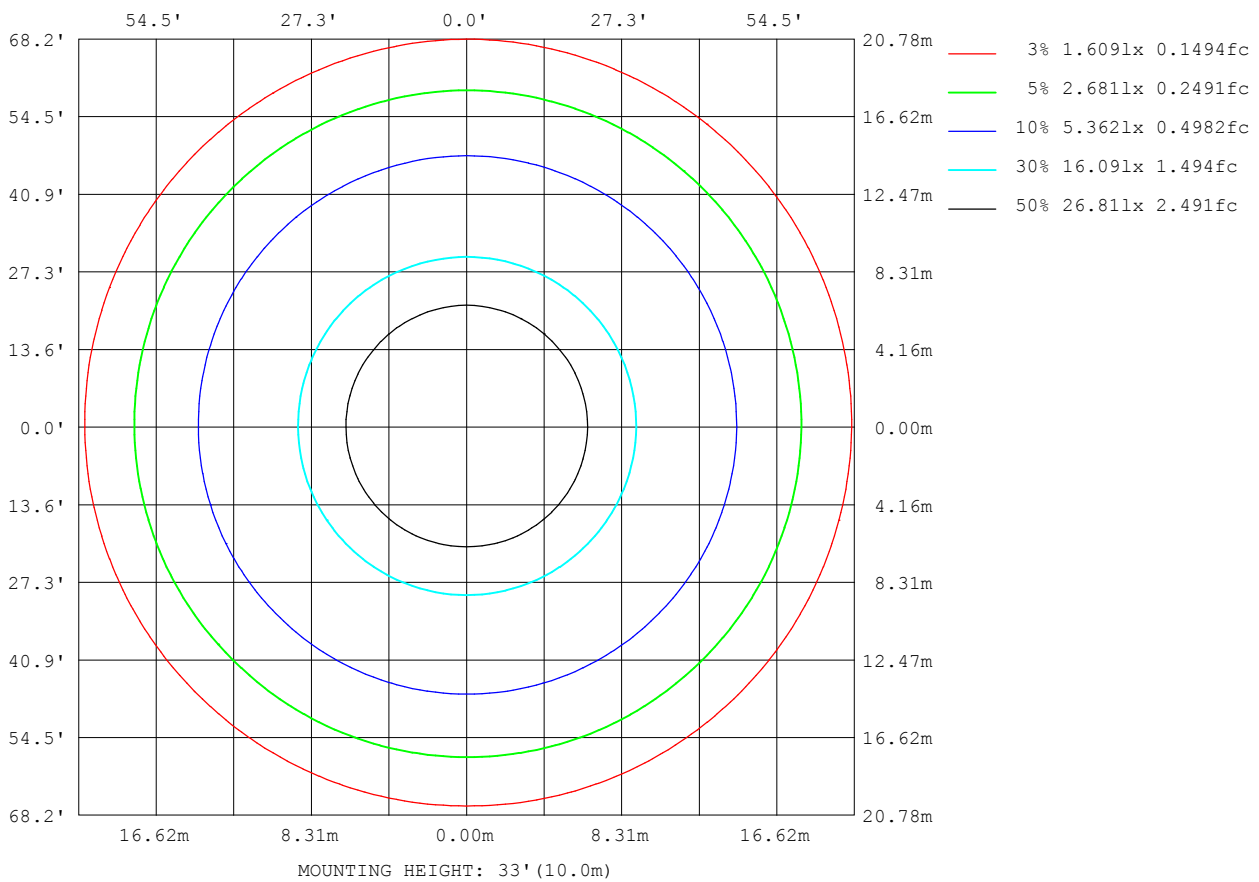
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:DEG
Operators:guanlingao
Test Date:2017-12-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:9.390m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

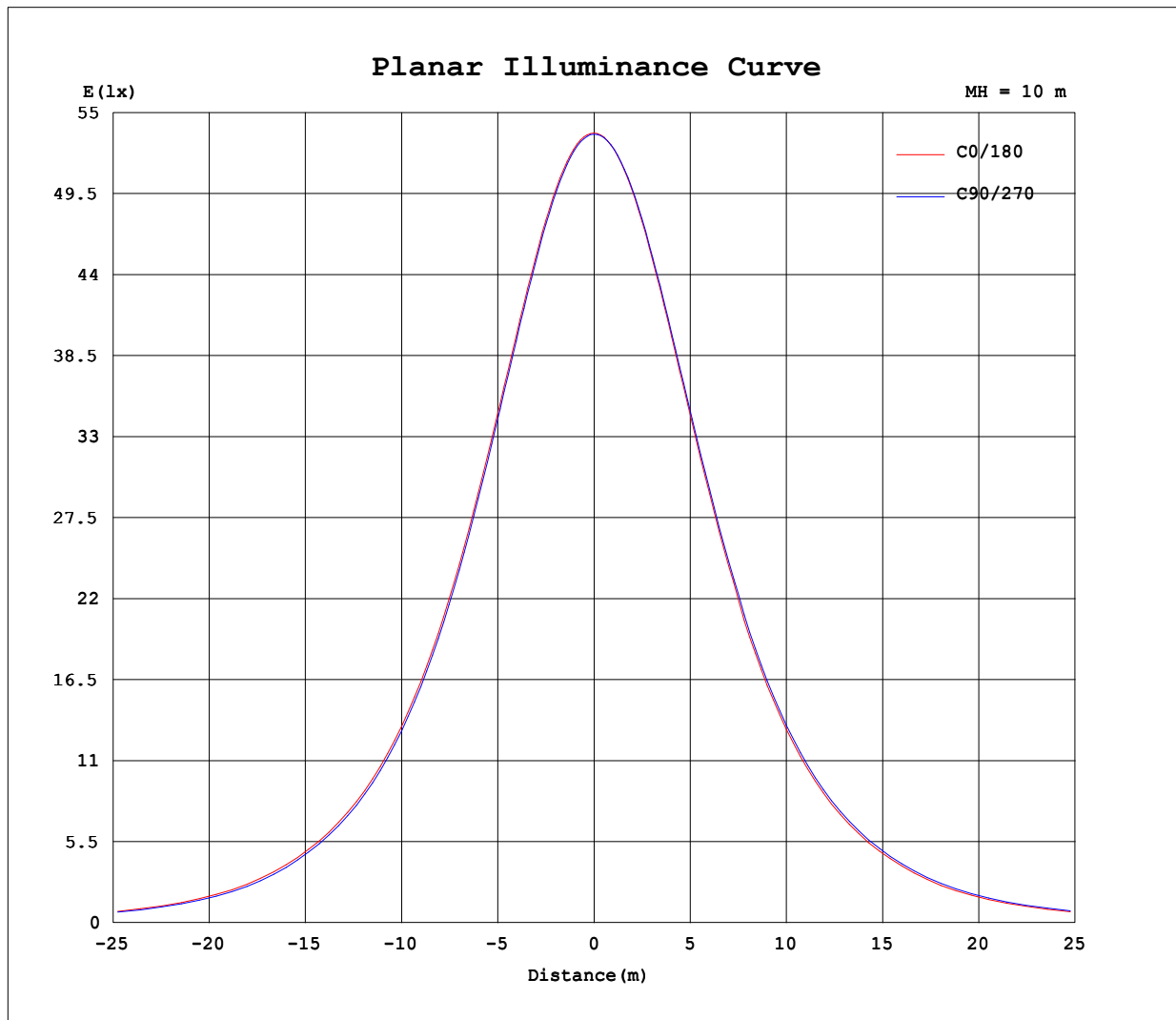
| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: DEG
 Operators: guanlingao
 Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.390m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: guanlingao
Test Date: 2017-12-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 9.390m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-----------------------|-------------------|
| Test:U:277.2V I:0.3760A P:101.4W PF:0.9736 Lamp Flux:15167.8x1 lm | | |
| NAME: LM-100W | TYPE:120°glass | WEIGHT:4.035kg |
| SPEC.:5000k R80 264L | DIM.: D280mm*167mm | SERIAL No.: |
| MFR.: | SUR.:0.12m*0.12m*3.14 | PROTECTION ANGLE: |

Table--1

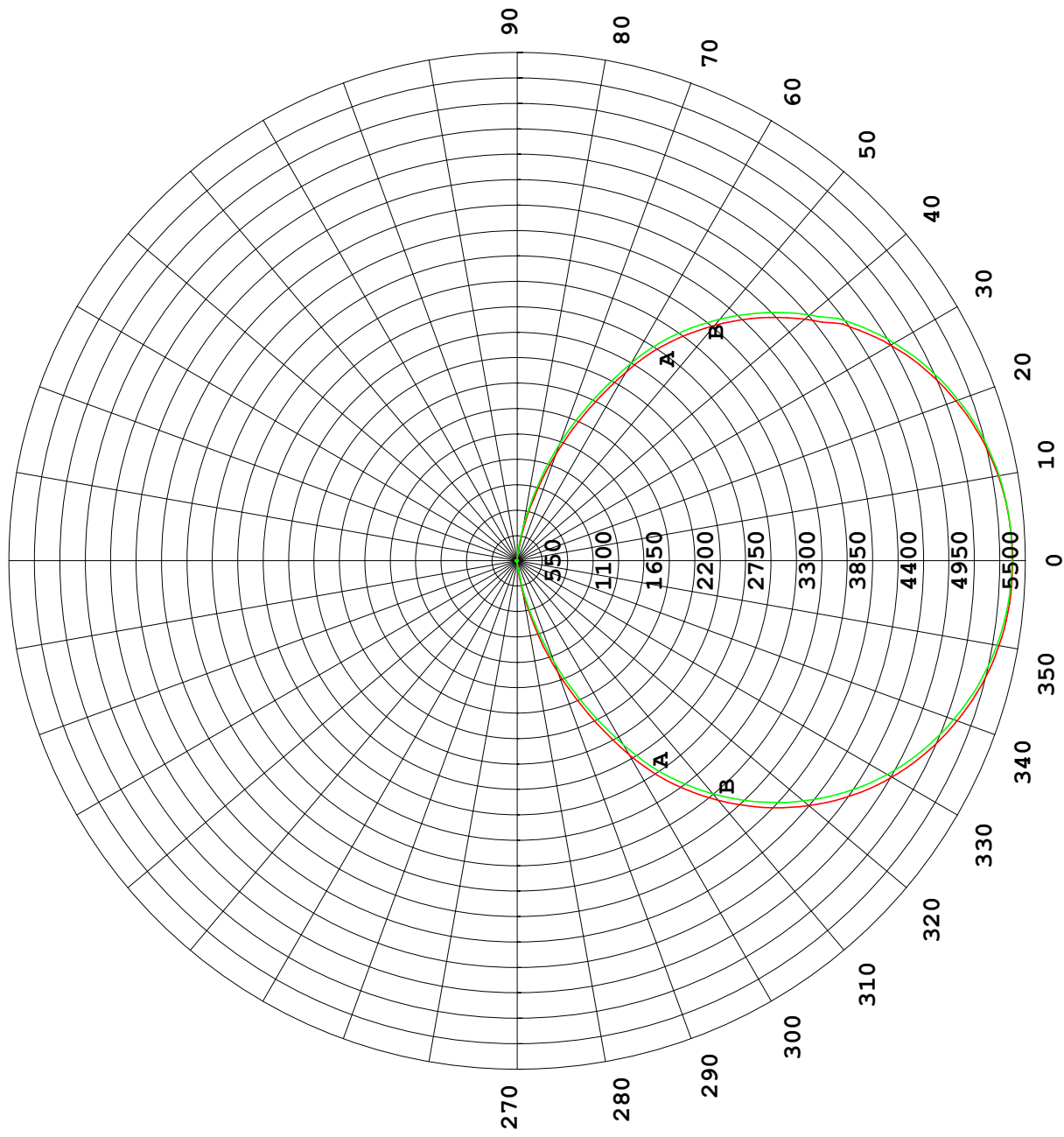
UNIT: cd

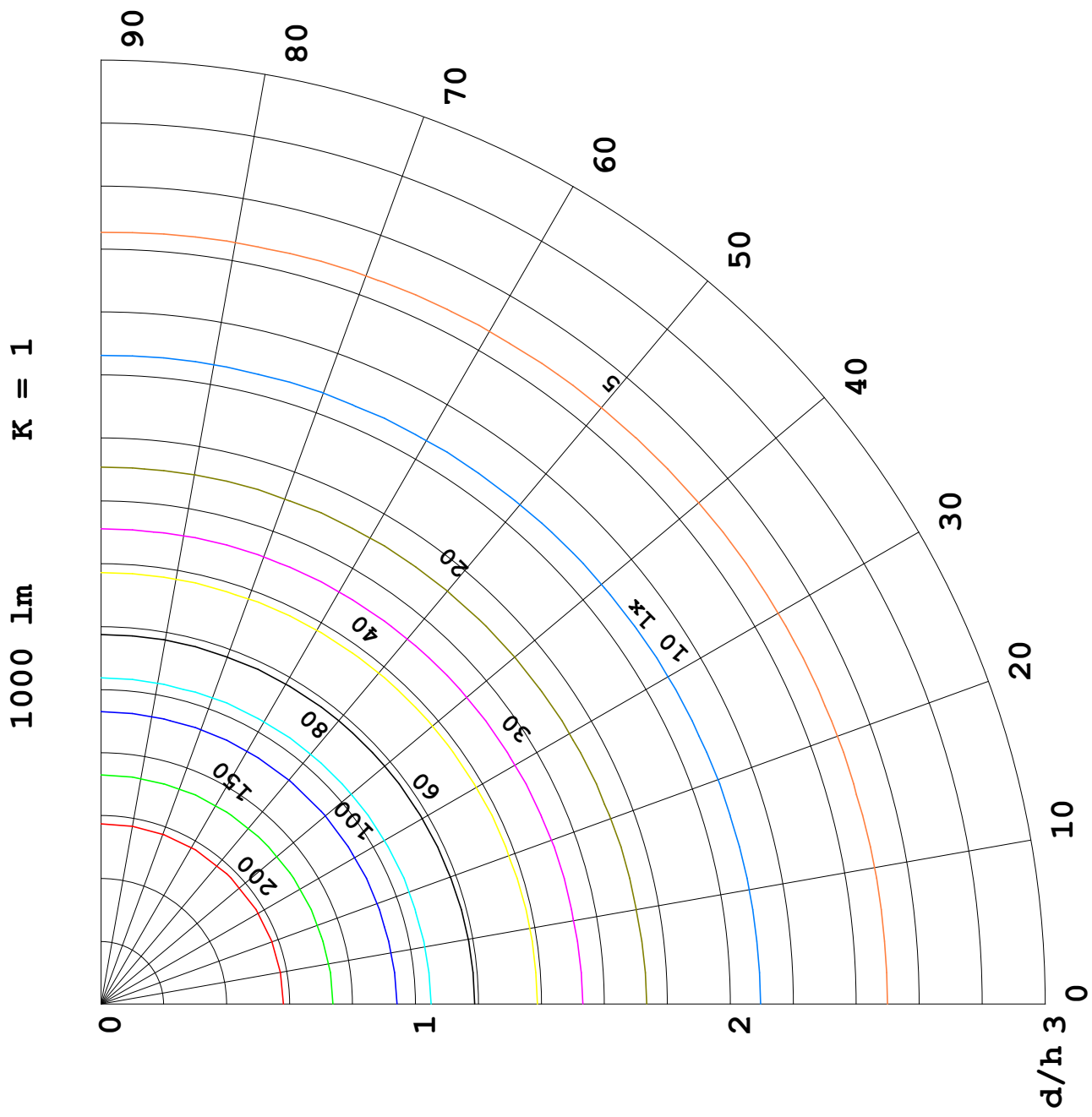
| C (DEG) γ (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 5362 | 5357 | 5355 | 5350 | 5362 | 5357 | 5355 | 5350 | | | | | | | | | | |
| 5 | 5348 | 5340 | 5333 | 5329 | 5343 | 5342 | 5343 | 5337 | | | | | | | | | | |
| 10 | 5296 | 5282 | 5272 | 5270 | 5287 | 5290 | 5297 | 5288 | | | | | | | | | | |
| 15 | 5202 | 5183 | 5171 | 5170 | 5191 | 5197 | 5210 | 5199 | | | | | | | | | | |
| 20 | 5068 | 5045 | 5027 | 5028 | 5054 | 5064 | 5081 | 5068 | | | | | | | | | | |
| 25 | 4897 | 4871 | 4848 | 4853 | 4879 | 4894 | 4915 | 4902 | | | | | | | | | | |
| 30 | 4685 | 4657 | 4627 | 4639 | 4665 | 4684 | 4711 | 4691 | | | | | | | | | | |
| 35 | 4426 | 4395 | 4358 | 4378 | 4406 | 4425 | 4463 | 4435 | | | | | | | | | | |
| 40 | 4122 | 4056 | 4044 | 4034 | 4065 | 4119 | 4135 | 4131 | | | | | | | | | | |
| 45 | 3776 | 3705 | 3690 | 3683 | 3716 | 3772 | 3794 | 3789 | | | | | | | | | | |
| 50 | 3385 | 3313 | 3292 | 3285 | 3324 | 3380 | 3411 | 3399 | | | | | | | | | | |
| 55 | 2951 | 2876 | 2847 | 2841 | 2887 | 2948 | 2983 | 2964 | | | | | | | | | | |
| 60 | 2426 | 2336 | 2301 | 2298 | 2358 | 2416 | 2469 | 2444 | | | | | | | | | | |
| 65 | 1835 | 1766 | 1713 | 1728 | 1777 | 1835 | 1891 | 1861 | | | | | | | | | | |
| 70 | 1286 | 1228 | 1172 | 1194 | 1228 | 1287 | 1347 | 1314 | | | | | | | | | | |
| 75 | 745 | 689 | 642 | 664 | 692 | 740 | 800 | 770 | | | | | | | | | | |
| 80 | 308 | 270 | 237 | 252 | 271 | 304 | 356 | 325 | | | | | | | | | | |
| 85 | 53.8 | 39.6 | 27.9 | 32.9 | 39.2 | 50.8 | 69.6 | 62.1 | | | | | | | | | | |
| 90 | 2.00 | 2.01 | 2.07 | 2.02 | 1.45 | 1.44 | 1.61 | 1.49 | | | | | | | | | | |
| 95 | 2.76 | 2.86 | 2.98 | 2.92 | 2.02 | 1.92 | 1.85 | 1.86 | | | | | | | | | | |
| 100 | 4.01 | 4.14 | 4.31 | 4.20 | 3.01 | 2.87 | 2.74 | 2.78 | | | | | | | | | | |
| 105 | 5.51 | 5.66 | 5.86 | 5.72 | 4.31 | 4.17 | 3.98 | 4.05 | | | | | | | | | | |
| 110 | 7.14 | 7.31 | 7.50 | 7.37 | 5.80 | 5.64 | 5.44 | 5.49 | | | | | | | | | | |
| 115 | 8.85 | 8.98 | 9.18 | 9.04 | 7.38 | 7.18 | 6.94 | 7.05 | | | | | | | | | | |
| 120 | 10.5 | 10.6 | 10.8 | 10.7 | 8.91 | 8.66 | 8.49 | 8.61 | | | | | | | | | | |
| 125 | 12.0 | 12.2 | 12.4 | 12.3 | 10.4 | 10.2 | 9.95 | 10.1 | | | | | | | | | | |
| 130 | 13.4 | 13.6 | 13.8 | 13.6 | 11.7 | 11.7 | 11.5 | 11.5 | | | | | | | | | | |
| 135 | 14.7 | 14.9 | 15.0 | 14.9 | 13.1 | 12.9 | 12.8 | 12.9 | | | | | | | | | | |
| 140 | 15.9 | 16.1 | 16.2 | 16.1 | 14.0 | 13.8 | 13.7 | 13.7 | | | | | | | | | | |
| 145 | 17.0 | 17.1 | 17.2 | 17.1 | 15.1 | 15.0 | 14.9 | 14.9 | | | | | | | | | | |
| 150 | 17.8 | 18.0 | 18.0 | 17.9 | 15.9 | 15.8 | 15.6 | 15.6 | | | | | | | | | | |
| 155 | 18.6 | 18.7 | 18.7 | 18.7 | 16.9 | 16.6 | 16.6 | 16.6 | | | | | | | | | | |
| 160 | 19.3 | 19.4 | 19.4 | 19.4 | 17.8 | 17.5 | 17.5 | 17.5 | | | | | | | | | | |
| 165 | 20.0 | 20.1 | 20.1 | 20.0 | 18.4 | 18.2 | 18.1 | 18.1 | | | | | | | | | | |
| 170 | 20.5 | 20.5 | 20.5 | 20.4 | 19.2 | 19.1 | 18.9 | 18.9 | | | | | | | | | | |
| 175 | 20.6 | 20.6 | 20.6 | 20.6 | 20.5 | 20.4 | 20.4 | 20.3 | | | | | | | | | | |
| 180 | 20.9 | 20.9 | 20.8 | 20.8 | 21.0 | 20.9 | 20.8 | 20.8 | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: DEG
Operators: guanlingao
Test Date: 2017-12-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 9.390m [K=1.0000]
Remarks:

I (cd)





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

Pcc
70
50

Pw
50
30

Pfc
30
20

