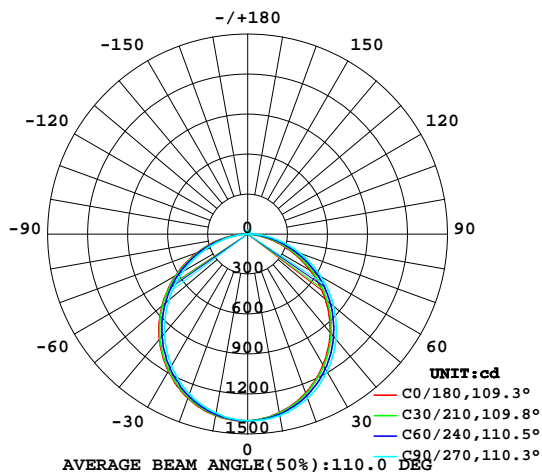


LUMINAIRE PHOTOMETRIC TEST REPORT

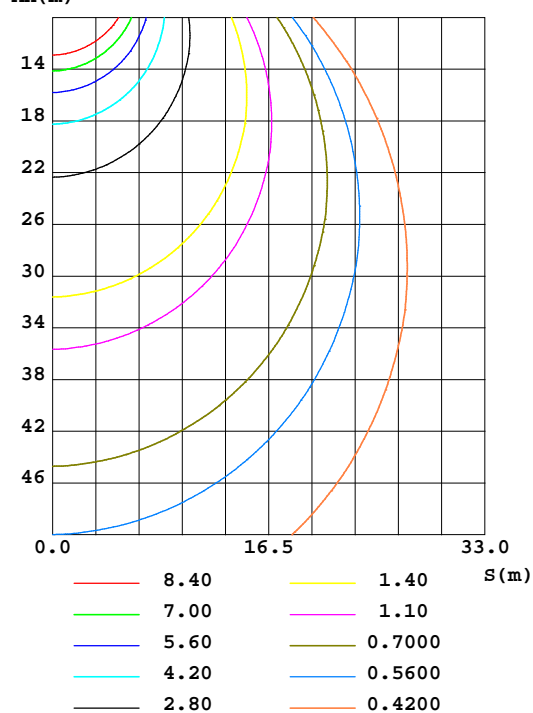
| | | | | | |
|---|--|--|------------------|--|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | | | | |
| NAME: 二代线条灯 | | | TYPE:下发光 白色外壳 | | WEIGHT: |
| DIM.: 2FT | | | SPEC.:3500K | | SERIAL No.:YQ2107-7 |
| MFR.: YQ | | | SUR.:0.171*1.13m | | PROTECTION ANGLE: |

| DATA OF LAMP | | | PHOTOMETRIC DATA Eff: 129.96 lm/W | | |
|------------------|---------|-----------------------|-----------------------------------|-------------------|----------|
| MODEL | | I _{max} (cd) | 1404 | S/MH(C0/180) | 1.21 |
| NOMINAL POWER(W) | 30 | LOR(%) | 100.0 | S/MH(C90/270) | 1.26 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 3989.7 | η UP,DN(C0-180) | 1.0,50.3 |
| NOMINAL FLUX(lm) | 3989.68 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 1.0,47.7 |
| LAMPS INSIDE | 1 | η up(%) | 2.1 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 119.2 | η down(%) | 97.9 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



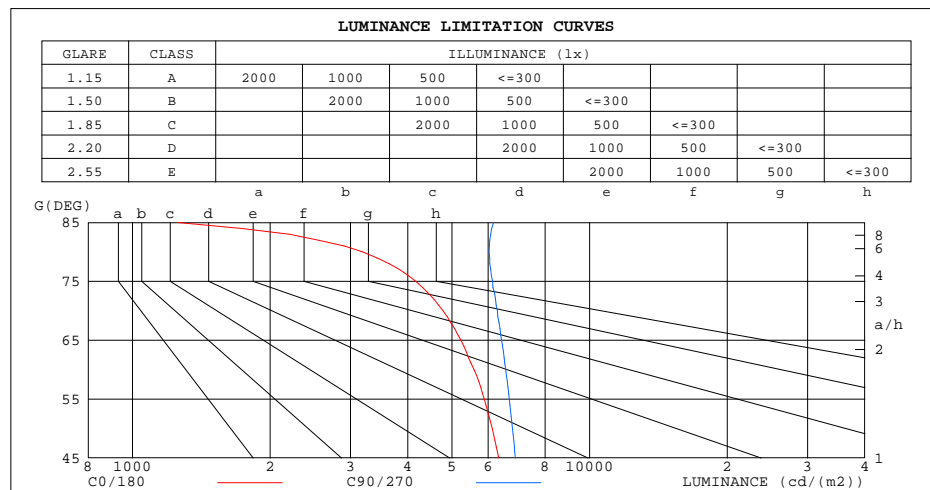
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 0:10

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------------|
| 10 | 1361 | 1368 | 1382 | 1391 | 1383 | 1376 | 1365 | 1354 | 0- 10 | 132.4 | 132.4 | 3.32,3.32 |
| 20 | 1269 | 1284 | 1311 | 1328 | 1310 | 1299 | 1277 | 1257 | 10- 20 | 377.6 | 510.0 | 12.8,12.8 |
| 30 | 1133 | 1154 | 1191 | 1214 | 1188 | 1174 | 1143 | 1116 | 20- 30 | 568.3 | 1078 | 27,27 |
| 40 | 964.5 | 989.0 | 1031 | 1061 | 1032 | 1012 | 971.5 | 941.3 | 30- 40 | 679.4 | 1758 | 44.1,44.1 |
| 50 | 761.4 | 795.0 | 841.6 | 877.2 | 840.2 | 820.3 | 773.6 | 738.8 | 40- 50 | 699.3 | 2457 | 61.6,61.6 |
| 60 | 540.1 | 580.0 | 632.6 | 666.9 | 625.0 | 606.0 | 557.6 | 518.4 | 50- 60 | 626.5 | 3083 | 77.3,77.3 |
| 70 | 316.1 | 355.7 | 415.0 | 442.7 | 400.2 | 379.0 | 336.6 | 294.9 | 60- 70 | 474.4 | 3558 | 89.2,89.2 |
| 80 | 107.2 | 144.7 | 202.1 | 222.6 | 181.8 | 163.7 | 130.4 | 90.56 | 70- 80 | 273.8 | 3832 | 96,96 |
| 90 | 3.015 | 4.425 | 19.02 | 34.34 | 9.241 | 6.316 | 3.018 | 3.414 | 80- 90 | 76.08 | 3908 | 97.9,97.9 |
| 100 | 6.145 | 5.918 | 5.295 | 4.616 | 4.465 | 5.073 | 6.122 | 6.404 | 90-100 | 5.472 | 3913 | 98.1,98.1 |
| 110 | 9.914 | 9.602 | 9.219 | 8.042 | 7.760 | 8.404 | 9.967 | 10.00 | 100-110 | 7.656 | 3921 | 98.3,98.3 |
| 120 | 13.69 | 13.33 | 13.41 | 11.76 | 11.35 | 11.88 | 13.85 | 13.52 | 110-120 | 10.85 | 3932 | 98.5,98.5 |
| 130 | 16.88 | 16.49 | 17.01 | 15.06 | 14.53 | 14.95 | 17.09 | 16.54 | 120-130 | 12.91 | 3945 | 98.9,98.9 |
| 140 | 19.22 | 19.15 | 19.87 | 17.85 | 17.09 | 17.51 | 19.67 | 19.02 | 130-140 | 13.38 | 3958 | 99.2,99.2 |
| 150 | 21.01 | 21.44 | 21.95 | 20.24 | 19.25 | 19.80 | 21.64 | 21.27 | 140-150 | 12.35 | 3970 | 99.5,99.5 |
| 160 | 22.91 | 23.58 | 23.70 | 22.37 | 21.86 | 22.17 | 23.73 | 23.49 | 150-160 | 10.08 | 3980 | 99.8,99.8 |
| 170 | 25.37 | 25.45 | 25.47 | 24.61 | 25.08 | 24.54 | 25.64 | 25.41 | 160-170 | 6.784 | 3987 | 99.9,99.9 |
| 180 | 27.55 | 26.52 | 26.99 | 26.49 | 27.54 | 26.51 | 27.00 | 26.46 | 170-180 | 2.463 | 3990 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m²) | | |
|-------------------|--------|---------|
| G(°) | C0/180 | C90/270 |
| 85 | 1254 | 6166 |
| 80 | 3191 | 6026 |
| 75 | 4170 | 6136 |
| 70 | 4779 | 6283 |
| 65 | 5228 | 6423 |
| 60 | 5586 | 6552 |
| 55 | 5885 | 6675 |
| 50 | 6124 | 6780 |
| 45 | 6329 | 6882 |

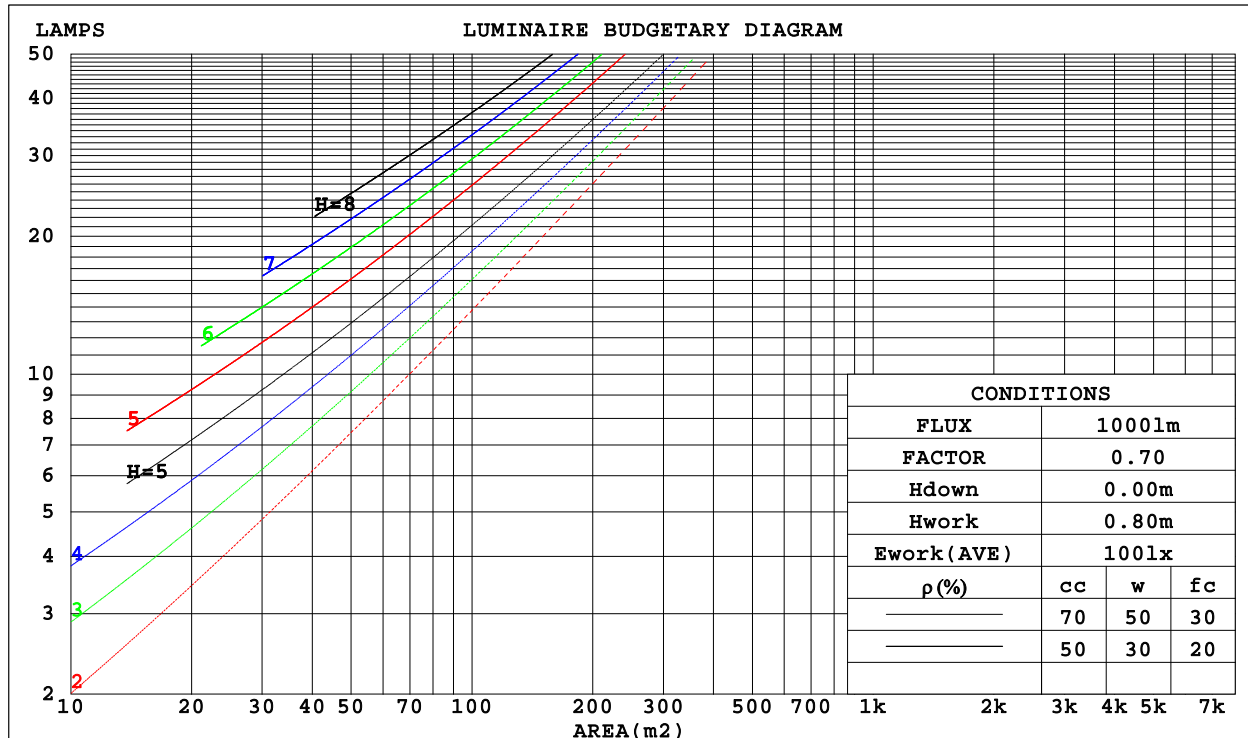
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Ethan
 Test Date: 2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity: 36%
 Test Distance: 6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 0:10

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | | | | | | | | | | | | | | |
|-------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | | | | | | | | | | | | | | |
| ρ_{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 | 1.00 | 1.00 | 1.00 | .98 | | | | | | | | | | | | | | |
| 1.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .96 | .93 | .90 | .92 | .89 | .87 | .88 | .86 | .84 | .82 | | | | | | | | | | | | | | |
| 2.0 | .90 | .83 | .78 | .88 | .82 | .76 | .84 | .79 | .74 | .81 | .76 | .72 | .77 | .74 | .70 | .68 | | | | | | | | | | | | | | |
| 3.0 | .79 | .71 | .64 | .77 | .70 | .64 | .74 | .68 | .62 | .71 | .66 | .61 | .68 | .64 | .60 | .57 | | | | | | | | | | | | | | |
| 4.0 | .70 | .61 | .55 | .69 | .60 | .54 | .66 | .59 | .53 | .63 | .57 | .52 | .61 | .56 | .51 | .49 | | | | | | | | | | | | | | |
| 5.0 | .63 | .54 | .47 | .61 | .53 | .47 | .59 | .52 | .46 | .57 | .50 | .45 | .55 | .49 | .45 | .42 | | | | | | | | | | | | | | |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .41 | .53 | .46 | .40 | .51 | .45 | .40 | .50 | .44 | .39 | .37 | | | | | | | | | | | | | | |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .48 | .41 | .36 | .47 | .40 | .35 | .45 | .39 | .35 | .33 | | | | | | | | | | | | | | |
| 8.0 | .47 | .38 | .32 | .46 | .38 | .32 | .44 | .37 | .32 | .43 | .36 | .31 | .42 | .36 | .31 | .29 | | | | | | | | | | | | | | |
| 9.0 | .43 | .35 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .28 | .38 | .32 | .28 | .26 | | | | | | | | | | | | | | |
| 10.0 | .39 | .32 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 26.3DEG
 Operators: Ethan
 Test Date: 2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity: 36%
 Test Distance: 6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 0:10

WEC AND CCEC

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | 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 | .309 | .175 | .056 | .301 | .172 | .055 | .286 | .164 | .052 | .273 | .158 | .051 | .261 | .151 | .049 | |
| 2.0 | .290 | .159 | .049 | .283 | .156 | .048 | .270 | .150 | .047 | .259 | .145 | .045 | .248 | .140 | .044 | |
| 3.0 | .268 | .143 | .043 | .262 | .140 | .042 | .251 | .136 | .041 | .240 | .132 | .040 | .231 | .128 | .040 | |
| 4.0 | .248 | .129 | .038 | .242 | .127 | .037 | .232 | .123 | .037 | .223 | .120 | .036 | .214 | .116 | .035 | |
| 5.0 | .229 | .117 | .034 | .224 | .115 | .034 | .215 | .112 | .033 | .207 | .109 | .032 | .199 | .106 | .032 | |
| 6.0 | .212 | .106 | .030 | .208 | .105 | .030 | .200 | .103 | .030 | .193 | .100 | .029 | .185 | .098 | .029 | |
| 7.0 | .198 | .098 | .028 | .194 | .097 | .028 | .187 | .094 | .027 | .180 | .092 | .027 | .173 | .090 | .026 | |
| 8.0 | .185 | .090 | .025 | .181 | .089 | .025 | .175 | .087 | .025 | .169 | .085 | .025 | .163 | .084 | .024 | |
| 9.0 | .173 | .084 | .023 | .170 | .083 | .023 | .164 | .081 | .023 | .159 | .079 | .023 | .153 | .078 | .023 | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .150 | .074 | .021 | .145 | .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 | .206 | .206 | .206 | .176 | .176 | .176 | .120 | .120 | .120 | .069 | .069 | .069 | .022 | .022 | .022 | |
| 1.0 | .196 | .172 | .150 | .168 | .148 | .129 | .115 | .102 | .089 | .066 | .059 | .052 | .021 | .019 | .017 | |
| 2.0 | .188 | .148 | .114 | .161 | .127 | .099 | .110 | .088 | .069 | .064 | .051 | .040 | .020 | .017 | .013 | |
| 3.0 | .180 | .130 | .091 | .154 | .112 | .078 | .106 | .078 | .055 | .061 | .046 | .032 | .020 | .015 | .011 | |
| 4.0 | .173 | .117 | .075 | .148 | .101 | .065 | .102 | .070 | .046 | .059 | .041 | .027 | .019 | .013 | .009 | |
| 5.0 | .165 | .107 | .063 | .142 | .092 | .055 | .098 | .064 | .039 | .057 | .038 | .023 | .018 | .012 | .008 | |
| 6.0 | .158 | .098 | .055 | .136 | .085 | .048 | .094 | .060 | .034 | .054 | .035 | .020 | .018 | .011 | .007 | |
| 7.0 | .151 | .091 | .050 | .130 | .079 | .043 | .090 | .056 | .031 | .052 | .033 | .018 | .017 | .011 | .006 | |
| 8.0 | .145 | .086 | .045 | .125 | .074 | .039 | .086 | .052 | .028 | .050 | .031 | .017 | .016 | .010 | .005 | |
| 9.0 | .139 | .081 | .042 | .119 | .070 | .036 | .083 | .049 | .026 | .048 | .029 | .015 | .016 | .010 | .005 | |
| 10.0 | .133 | .076 | .039 | .115 | .066 | .034 | .080 | .047 | .024 | .046 | .028 | .014 | .015 | .009 | .005 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 0:10

Uncorrected UGR Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|------------------|---------------|----------------|---------------------|------|------|------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | | | | | | | | | | |
| NAME: 二代线条灯 | | | | | TYPE:下发光 白色外壳 | | | WEIGHT: | | | |
| DIM.: 2FT | | | | | SPEC.:3500K | | | SERIAL No.:YQ2107-7 | | | |
| MFR.: YQ | | | | | SUR.:0.171*1.13m | | | 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 | 18.8 | 20.2 | 19.1 | 20.5 | 20.7 | 19.3 | 20.8 | 19.6 | 21.1 | 21.3 | |
| | 3H | 20.1 | 21.5 | 20.4 | 21.7 | 22.0 | 21.0 | 22.3 | 21.3 | 22.6 | 22.9 |
| | 4H | 20.6 | 21.9 | 20.9 | 22.2 | 22.5 | 21.7 | 23.0 | 22.0 | 23.3 | 23.6 |
| | 6H | 20.8 | 22.1 | 21.2 | 22.4 | 22.7 | 22.2 | 23.5 | 22.6 | 23.8 | 24.1 |
| | 8H | 20.9 | 22.1 | 21.3 | 22.4 | 22.7 | 22.5 | 23.6 | 22.8 | 24.0 | 24.3 |
| | 12H | 20.9 | 22.0 | 21.2 | 22.3 | 22.7 | 22.6 | 23.8 | 23.0 | 24.1 | 24.4 |
| 4H | 2H | 19.4 | 20.7 | 19.7 | 21.0 | 21.3 | 19.9 | 21.2 | 20.2 | 21.4 | 21.7 |
| | 3H | 20.9 | 22.1 | 21.3 | 22.4 | 22.7 | 21.7 | 22.8 | 22.0 | 23.1 | 23.5 |
| | 4H | 21.5 | 22.6 | 21.9 | 22.9 | 23.3 | 22.5 | 23.5 | 22.9 | 23.9 | 24.3 |
| | 6H | 21.9 | 22.8 | 22.3 | 23.2 | 23.6 | 23.2 | 24.1 | 23.6 | 24.5 | 24.9 |
| | 8H | 22.0 | 22.8 | 22.4 | 23.2 | 23.7 | 23.5 | 24.3 | 23.9 | 24.7 | 25.2 |
| | 12H | 22.0 | 22.7 | 22.4 | 23.2 | 23.6 | 23.7 | 24.5 | 24.2 | 24.9 | 25.4 |
| 8H | 4H | 21.8 | 22.7 | 22.3 | 23.1 | 23.5 | 22.7 | 23.5 | 23.1 | 23.9 | 24.4 |
| | 6H | 22.3 | 23.0 | 22.8 | 23.5 | 23.9 | 23.5 | 24.2 | 24.0 | 24.7 | 25.1 |
| | 8H | 22.4 | 23.1 | 22.9 | 23.5 | 24.0 | 23.9 | 24.5 | 24.4 | 25.0 | 25.5 |
| | 12H | 22.5 | 23.0 | 23.0 | 23.5 | 24.0 | 24.2 | 24.8 | 24.7 | 25.2 | 25.8 |
| 12H | 4H | 21.8 | 22.6 | 22.3 | 23.0 | 23.5 | 22.7 | 23.5 | 23.1 | 23.9 | 24.3 |
| | 6H | 22.4 | 23.0 | 22.9 | 23.5 | 24.0 | 23.5 | 24.2 | 24.0 | 24.6 | 25.1 |
| | 8H | 22.5 | 23.1 | 23.0 | 23.6 | 24.1 | 23.9 | 24.5 | 24.5 | 25.0 | 25.5 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117 Corrected 3990 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 0:10

UTILIZATION FACTORS TABLE

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |

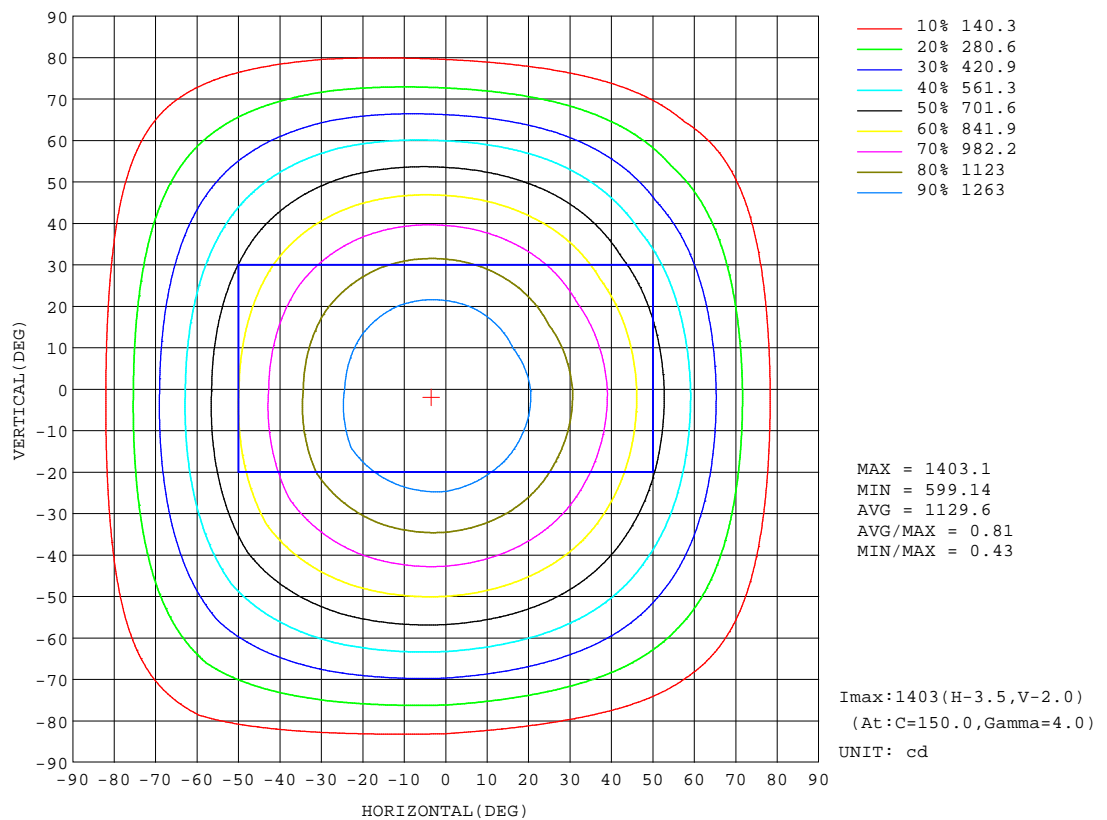
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 57 | 46 | 39 | 56 | 45 | 39 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 56 | 48 | 66 | 55 | 48 | 64 | 54 | 48 | 40 |
| 1.00 | 76 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 83 | 72 | 65 | 81 | 71 | 64 | 78 | 70 | 64 | 56 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 70 | 82 | 75 | 69 | 61 |
| 2.00 | 94 | 86 | 79 | 92 | 84 | 78 | 89 | 82 | 77 | 69 |
| 2.50 | 98 | 91 | 84 | 96 | 89 | 83 | 92 | 86 | 81 | 73 |
| 3.00 | 102 | 95 | 89 | 99 | 93 | 88 | 95 | 90 | 86 | 77 |
| 4.00 | 106 | 100 | 95 | 103 | 98 | 94 | 99 | 94 | 91 | 81 |
| 5.00 | 108 | 103 | 99 | 105 | 101 | 97 | 101 | 97 | 94 | 84 |
| 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:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 0:10

ISOCANDELA DIAGRAM

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |



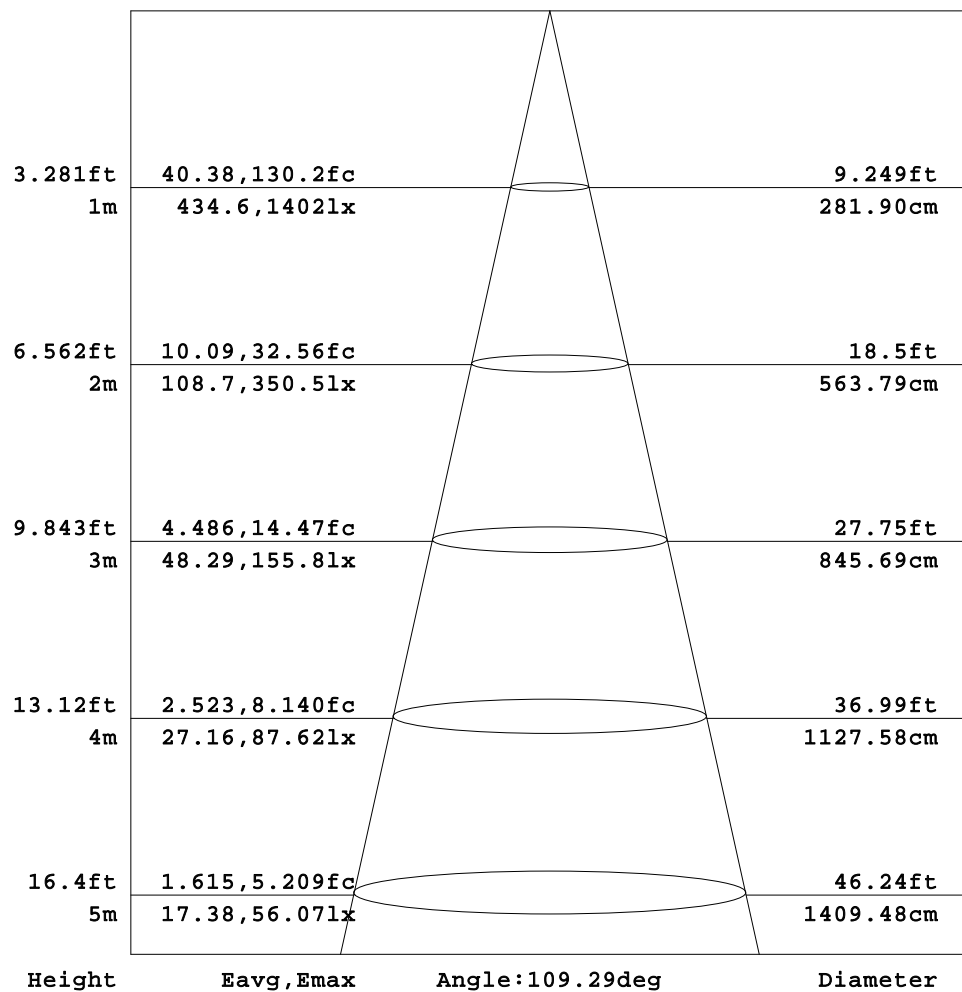
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 0:10

AAI Figure

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |

Flux out:2785 lm



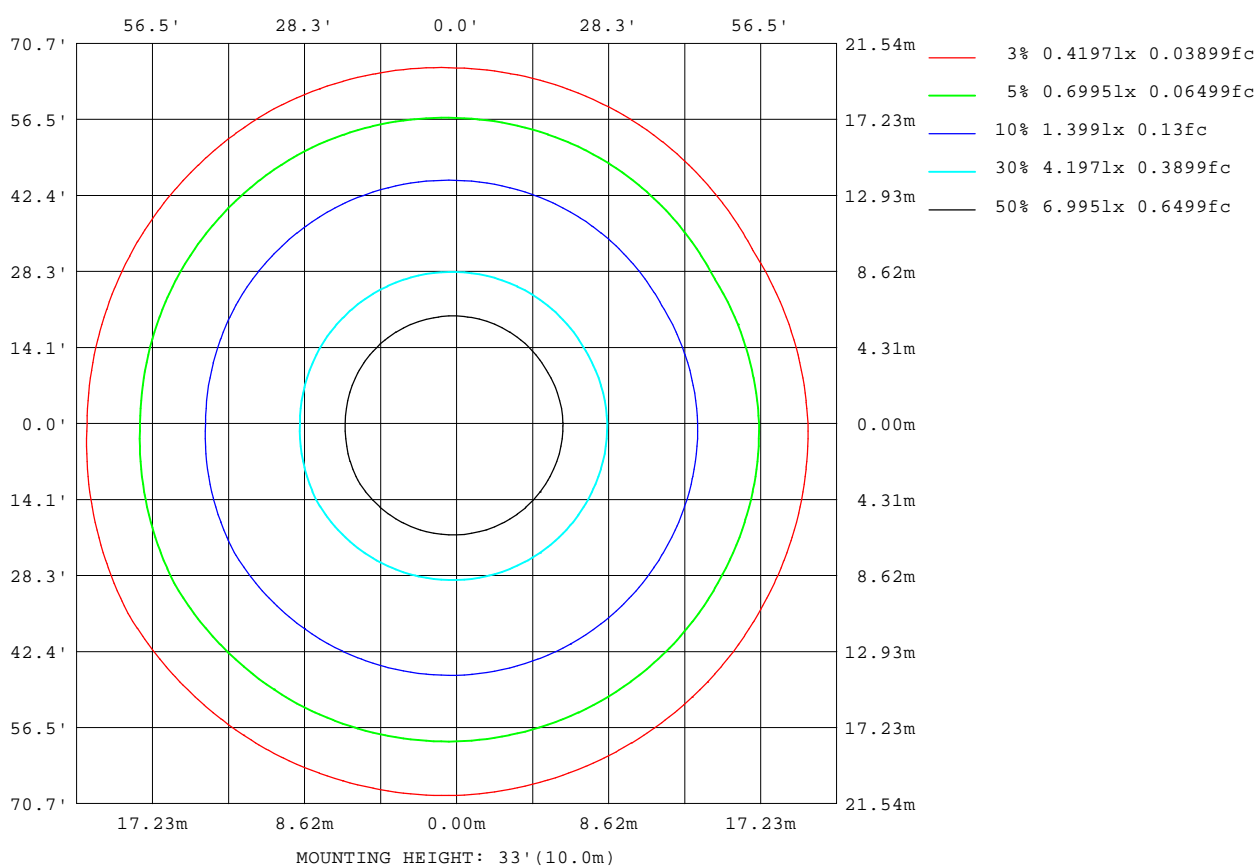
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 0:10

ISOLUX DIAGRAM

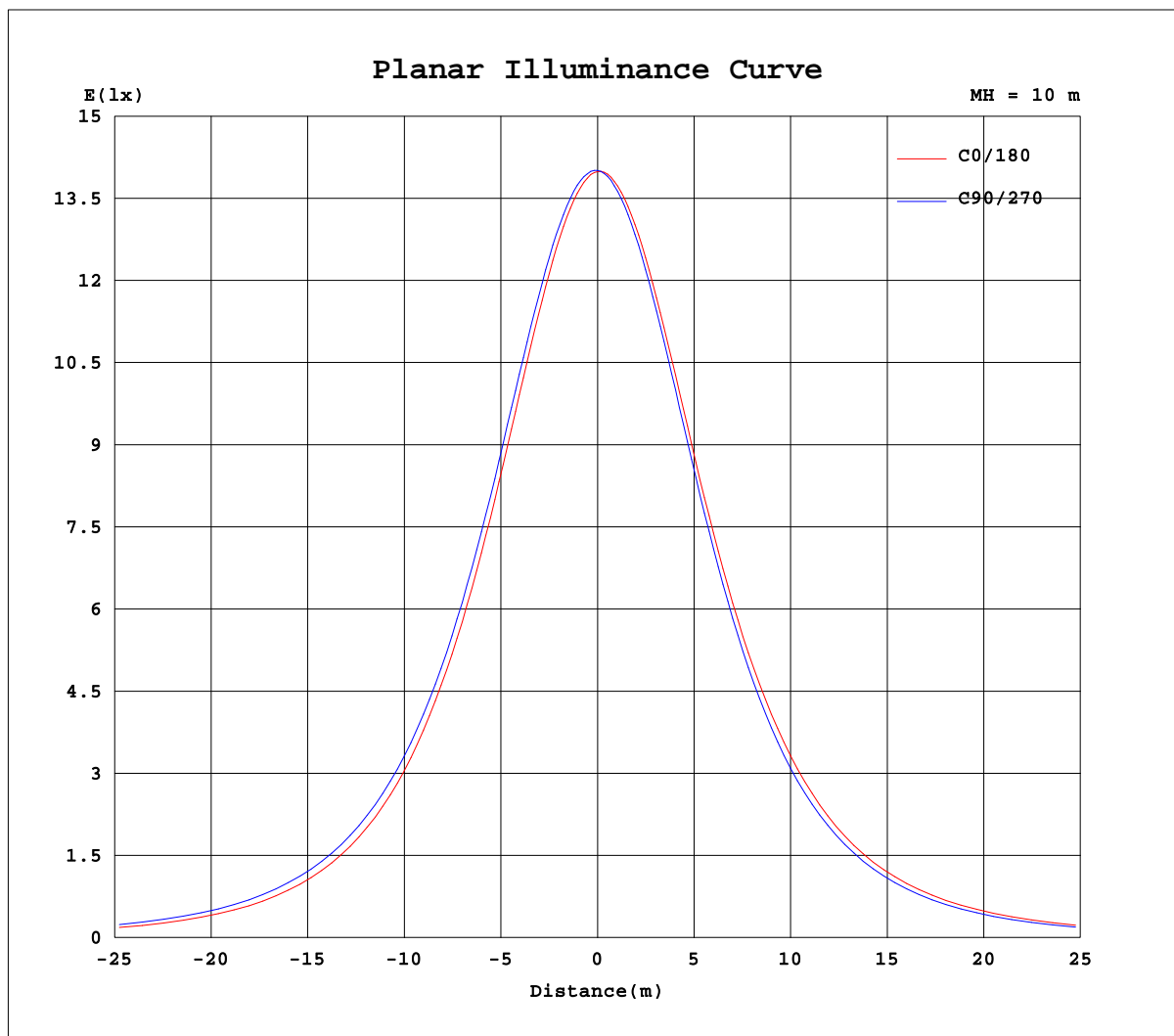
| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 0:10

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊 A+ 13S5P/13S10P
E款 0:10

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|---------------------|
| Test:U:119.2V I:0.2590A P:30.70W PF:0.9950 Lamp Flux:3989.68x1 lm | | |
| NAME: 二代线条灯 | TYPE:下发光 白色外壳 | WEIGHT: |
| DIM.: 2FT | SPEC.:3500K | SERIAL No.:YQ2107-7 |
| MFR.: YQ | SUR.:0.171*1.13m | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | 1401 | | | | | | |
| 5 | 1388 | 1390 | 1394 | 1398 | 1402 | 1404 | 1399 | 1396 | 1394 | 1389 | 1385 | 1382 | | | | | | |
| 10 | 1361 | 1364 | 1372 | 1382 | 1389 | 1393 | 1383 | 1380 | 1373 | 1365 | 1357 | 1351 | | | | | | |
| 15 | 1321 | 1326 | 1339 | 1353 | 1363 | 1369 | 1354 | 1349 | 1339 | 1327 | 1316 | 1306 | | | | | | |
| 20 | 1269 | 1276 | 1292 | 1311 | 1323 | 1332 | 1310 | 1304 | 1294 | 1277 | 1264 | 1250 | | | | | | |
| 25 | 1207 | 1213 | 1234 | 1259 | 1272 | 1282 | 1257 | 1249 | 1231 | 1216 | 1197 | 1184 | | | | | | |
| 30 | 1133 | 1143 | 1166 | 1191 | 1209 | 1219 | 1188 | 1183 | 1166 | 1143 | 1123 | 1109 | | | | | | |
| 35 | 1051 | 1063 | 1090 | 1115 | 1135 | 1148 | 1114 | 1108 | 1087 | 1062 | 1039 | 1025 | | | | | | |
| 40 | 965 | 976 | 1002 | 1031 | 1054 | 1069 | 1032 | 1023 | 1001 | 972 | 949 | 934 | | | | | | |
| 45 | 865 | 882 | 909 | 940 | 964 | 982 | 941 | 933 | 907 | 875 | 852 | 834 | | | | | | |
| 50 | 761 | 779 | 811 | 842 | 867 | 887 | 840 | 833 | 808 | 774 | 750 | 728 | | | | | | |
| 55 | 653 | 671 | 707 | 739 | 766 | 783 | 734 | 726 | 704 | 668 | 644 | 617 | | | | | | |
| 60 | 540 | 560 | 600 | 633 | 660 | 674 | 625 | 615 | 597 | 558 | 535 | 502 | | | | | | |
| 65 | 427 | 448 | 486 | 524 | 550 | 562 | 512 | 500 | 484 | 446 | 422 | 390 | | | | | | |
| 70 | 316 | 337 | 374 | 415 | 437 | 449 | 400 | 387 | 371 | 337 | 311 | 279 | | | | | | |
| 75 | 209 | 230 | 265 | 307 | 325 | 337 | 289 | 275 | 261 | 230 | 204 | 174 | | | | | | |
| 80 | 107 | 128 | 162 | 202 | 218 | 227 | 182 | 170 | 158 | 130 | 104 | 77.4 | | | | | | |
| 85 | 21.1 | 35.3 | 68.4 | 104 | 117 | 126 | 80.5 | 71.9 | 63.4 | 38.2 | 23.1 | 8.10 | | | | | | |
| 90 | 3.01 | 3.02 | 5.82 | 19.0 | 34.8 | 33.9 | 9.24 | 8.02 | 4.61 | 3.02 | 3.38 | 3.45 | | | | | | |
| 95 | 4.46 | 4.40 | 4.22 | 3.67 | 3.46 | 3.03 | 3.07 | 3.39 | 3.90 | 4.42 | 4.73 | 4.86 | | | | | | |
| 100 | 6.15 | 6.03 | 5.81 | 5.29 | 4.84 | 4.39 | 4.46 | 4.77 | 5.38 | 6.12 | 6.35 | 6.46 | | | | | | |
| 105 | 7.96 | 7.81 | 7.57 | 7.19 | 6.48 | 5.99 | 6.04 | 6.35 | 7.01 | 7.99 | 8.10 | 8.23 | | | | | | |
| 110 | 9.91 | 9.73 | 9.47 | 9.22 | 8.34 | 7.74 | 7.76 | 8.06 | 8.74 | 9.97 | 9.93 | 10.1 | | | | | | |
| 115 | 11.8 | 11.7 | 11.4 | 11.4 | 10.2 | 9.63 | 9.57 | 9.87 | 10.5 | 11.9 | 11.7 | 11.9 | | | | | | |
| 120 | 13.7 | 13.5 | 13.2 | 13.4 | 12.1 | 11.5 | 11.4 | 11.6 | 12.2 | 13.9 | 13.5 | 13.6 | | | | | | |
| 125 | 15.4 | 15.1 | 14.9 | 15.3 | 13.8 | 13.2 | 13.0 | 13.2 | 13.8 | 15.6 | 15.1 | 15.2 | | | | | | |
| 130 | 16.9 | 16.5 | 16.4 | 17.0 | 15.3 | 14.8 | 14.5 | 14.6 | 15.3 | 17.1 | 16.6 | 16.5 | | | | | | |
| 135 | 18.2 | 17.9 | 17.9 | 18.5 | 16.8 | 16.2 | 15.9 | 16.0 | 16.6 | 18.5 | 17.9 | 17.8 | | | | | | |
| 140 | 19.2 | 19.0 | 19.3 | 19.9 | 18.2 | 17.5 | 17.1 | 17.1 | 17.9 | 19.7 | 19.2 | 18.9 | | | | | | |
| 145 | 20.2 | 20.2 | 20.5 | 21.0 | 19.5 | 18.7 | 18.2 | 18.3 | 19.1 | 20.7 | 20.3 | 20.0 | | | | | | |
| 150 | 21.0 | 21.3 | 21.6 | 21.9 | 20.7 | 19.8 | 19.2 | 19.3 | 20.3 | 21.6 | 21.4 | 21.1 | | | | | | |
| 155 | 21.9 | 22.4 | 22.5 | 22.8 | 21.8 | 20.8 | 20.4 | 20.4 | 21.5 | 22.6 | 22.4 | 22.4 | | | | | | |
| 160 | 22.9 | 23.6 | 23.5 | 23.7 | 22.9 | 21.8 | 21.9 | 21.7 | 22.6 | 23.7 | 23.4 | 23.6 | | | | | | |
| 165 | 24.1 | 24.8 | 24.5 | 24.6 | 24.0 | 23.0 | 23.4 | 22.9 | 23.7 | 24.7 | 24.3 | 24.6 | | | | | | |
| 170 | 25.4 | 25.7 | 25.2 | 25.5 | 25.1 | 24.1 | 25.1 | 24.2 | 24.9 | 25.6 | 25.2 | 25.6 | | | | | | |
| 175 | 26.7 | 26.4 | 25.9 | 26.3 | 26.0 | 25.3 | 26.7 | 25.6 | 25.9 | 26.5 | 26.1 | 26.3 | | | | | | |
| 180 | 27.5 | 26.6 | 26.4 | 27.0 | 26.6 | 26.4 | 27.5 | 26.6 | 26.4 | 27.0 | 26.6 | 26.3 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
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