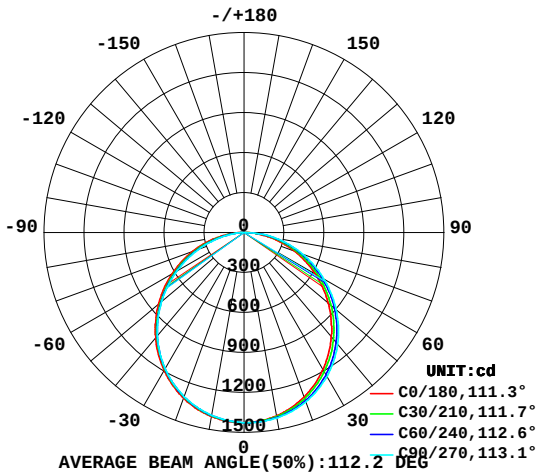
# LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME:HCL-S6060-040W-IP65 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

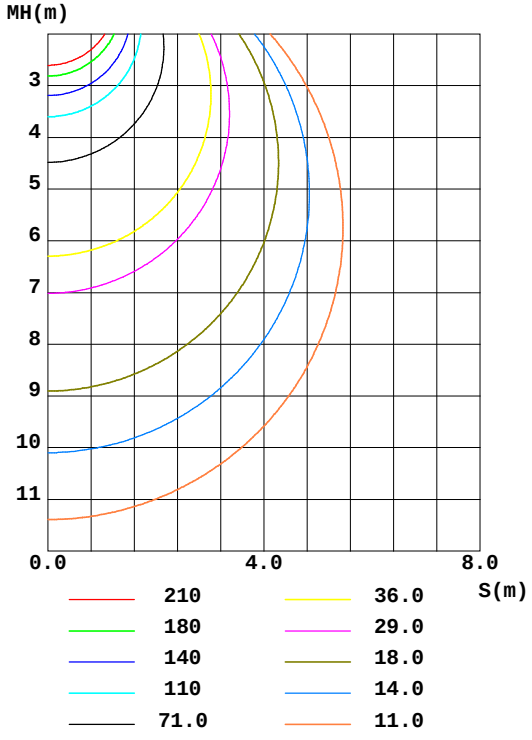
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 107.56 lm/W | | | |
|---|---|---|---|---|---|
| MODEL | | Imax(cd) | 1428 | S/MH(C0/180) | 1.24 |
| NOMINAL POWER(W) | 38 | LOR(%) | 100.0 | S/MH(C90/270) | 1.30 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 4102.6 | h UP,DN(C0-180) | 0.0,52.0 |
| NOMINAL FLUX(lm) | 4102.6 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.0,48.0 |
| LAMPS INSIDE | 1 | h up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 230.8 | h down(%) | 100.0 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):112.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS

# ZONAL FLUX DIAGRAM

**ZONAL FLUX DIAGRAM:**

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 1420 | 1422 | 1426 | 1424 | 1422 | 1417 | 1415 | 1415 | 0- 5 | 34.03 | 34.03 | 0.83,0.83 |
| 10 | 1397 | 1406 | 1414 | 1410 | 1402 | 1395 | 1394 | 1392 | 5- 10 | 100.9 | 134.9 | 3.29,3.29 |
| 15 | 1363 | 1378 | 1389 | 1383 | 1370 | 1362 | 1358 | 1357 | 10- 15 | 164.3 | 299.3 | 7.29,7.29 |
| 20 | 1316 | 1336 | 1354 | 1343 | 1324 | 1314 | 1312 | 1307 | 15- 20 | 222.1 | 521.4 | 12.7,12.7 |
| 25 | 1256 | 1283 | 1306 | 1292 | 1266 | 1255 | 1253 | 1248 | 20- 25 | 272.2 | 793.5 | 19.3,19.3 |
| 30 | 1186 | 1219 | 1247 | 1229 | 1198 | 1185 | 1183 | 1176 | 25- 30 | 312.9 | 1106 | 27,27 |
| 35 | 1107 | 1145 | 1176 | 1156 | 1119 | 1105 | 1102 | 1095 | 30- 35 | 342.8 | 1449 | 35.3,35.3 |
| 40 | 1020 | 1062 | 1095 | 1073 | 1033 | 1015 | 1012 | 1006 | 35- 40 | 361.1 | 1810 | 44.1,44.1 |
| 45 | 926.1 | 969.1 | 1003 | 982.0 | 938.3 | 918.2 | 912.7 | 908.3 | 40- 45 | 367.2 | 2178 | 53.1,53.1 |
| 50 | 826.5 | 871.9 | 904.8 | 882.9 | 838.1 | 814.6 | 807.8 | 806.8 | 45- 50 | 361.2 | 2539 | 61.9,61.9 |
| 55 | 722.6 | 766.6 | 799.1 | 778.9 | 733.4 | 706.6 | 696.3 | 698.0 | 50- 55 | 343.7 | 2882 | 70.3,70.3 |
| 60 | 615.5 | 659.8 | 689.8 | 670.0 | 625.3 | 595.1 | 582.8 | 588.5 | 55- 60 | 315.6 | 3198 | 78,78 |
| 65 | 506.7 | 549.6 | 577.2 | 559.2 | 515.5 | 482.7 | 467.9 | 476.3 | 60- 65 | 278.2 | 3476 | 84.7,84.7 |
| 70 | 397.9 | 439.5 | 463.2 | 447.2 | 405.2 | 370.1 | 353.3 | 365.3 | 65- 70 | 233.3 | 3710 | 90.4,90.4 |
| 75 | 290.2 | 330.3 | 349.2 | 335.6 | 295.5 | 259.3 | 241.6 | 255.9 | 70- 75 | 182.8 | 3892 | 94.9,94.9 |
| 80 | 182.7 | 221.1 | 236.5 | 225.9 | 187.3 | 150.1 | 131.9 | 148.6 | 75- 80 | 128.4 | 4021 | 98,98 |
| 85 | 79.81 | 113.4 | 74.41 | 116.5 | 83.64 | 46.04 | 25.03 | 45.10 | 80- 85 | 71.29 | 4092 | 99.7,99.7 |
| 90 | 0.7559 | 0 | 0 | 0 | 0.7706 | 0 | 0 | 0 | 85- 90 | 10.59 | 4103 | 100,100 |
| 95 | | | | | | | | | 90- 95 | | | |
| 100 | | | | | | | | | 95-100 | | | |
| 105 | | | | | | | | | 100-105 | | | |
| 110 | | | | | | | | | 105-110 | | | |
| 115 | | | | | | | | | 110-115 | | | |
| 120 | | | | | | | | | 115-120 | | | |
| 125 | | | | | | | | | 120-125 | | | |
| 130 | | | | | | | | | 125-130 | | | |
| 135 | | | | | | | | | 130-135 | | | |
| 140 | | | | | | | | | 135-140 | | | |
| 145 | | | | | | | | | 140-145 | | | |
| 150 | | | | | | | | | 145-150 | | | |
| 155 | | | | | | | | | 150-155 | | | |
| 160 | | | | | | | | | 155-160 | | | |
| 165 | | | | | | | | | 160-165 | | | |
| 170 | | | | | | | | | 165-170 | | | |
| 175 | | | | | | | | | 170-175 | | | |
| 180 | | | | | | | | | 175-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

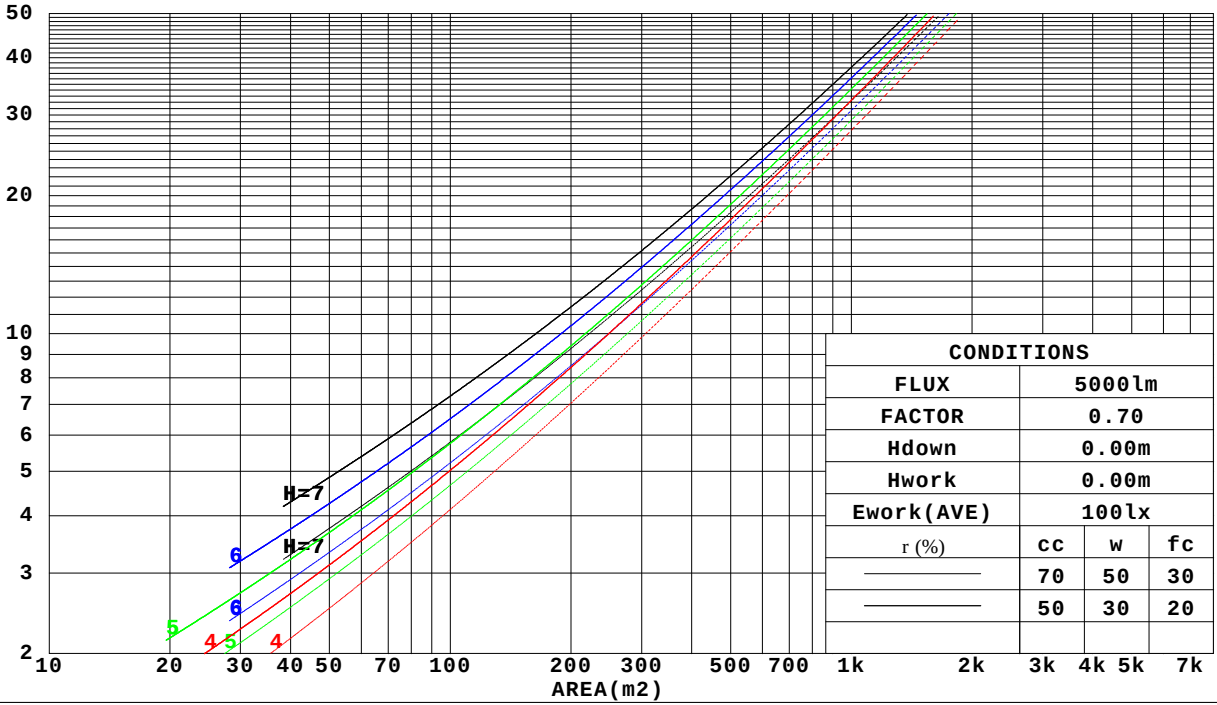
# CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 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 | 1.04 | .99 | .95 | 1.01 | .97 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .90 | .87 | .85 | .83 |
| 2.0 | .90 | .83 | .77 | .88 | .82 | .76 | .85 | .79 | .75 | .81 | .77 | .73 | .78 | .75 | .71 | .69 |
| 3.0 | .79 | .71 | .64 | .77 | .70 | .63 | .74 | .68 | .62 | .72 | .66 | .61 | .69 | .64 | .60 | .58 |
| 4.0 | .70 | .61 | .54 | .69 | .60 | .54 | .66 | .59 | .53 | .64 | .57 | .52 | .61 | .56 | .52 | .49 |
| 5.0 | .62 | .53 | .47 | .61 | .53 | .46 | .59 | .52 | .46 | .57 | .50 | .45 | .55 | .49 | .45 | .43 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .40 | .53 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .39 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .49 | .41 | .35 | .47 | .40 | .35 | .46 | .40 | .35 | .33 |
| 8.0 | .46 | .38 | .32 | .46 | .38 | .32 | .44 | .37 | .32 | .43 | .36 | .31 | .42 | .36 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .34 | .28 | .40 | .33 | .28 | .39 | .33 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 |

LAMPS

LUMINAIRE BUDGETARY DIAGRAM




| CONDITIONS | | | |
|---|---|---|---|
| FLUX | 5000lm | | |
| FACTOR | 0.70 | | |
| Hdown | 0.00m | | |
| Hwork | 0.00m | | |
| Ework(AVE) | 100lx | | |
| r (%) | cc | w | fc |
| ——— | 70 | 50 | 30 |
| ——— | 50 | 30 | 20 |
| | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS

# WEC AND CCEC

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coeffcients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .314 | .179 | .057 | .307 | .175 | .056 | .294 | .169 | .054 | .282 | .162 | .052 | .270 | .157 | .051 | |
| 2.0 | .295 | .162 | .050 | .289 | .159 | .049 | .277 | .154 | .048 | .266 | .149 | .047 | .256 | .145 | .046 | |
| 3.0 | .272 | .145 | .043 | .267 | .143 | .043 | .256 | .139 | .042 | .247 | .135 | .041 | .238 | .132 | .041 | |
| 4.0 | .251 | .130 | .038 | .246 | .129 | .038 | .237 | .126 | .038 | .228 | .123 | .037 | .220 | .120 | .036 | |
| 5.0 | .232 | .118 | .034 | .227 | .117 | .034 | .219 | .114 | .034 | .212 | .112 | .033 | .205 | .109 | .033 | |
| 6.0 | .215 | .108 | .031 | .211 | .107 | .031 | .204 | .104 | .030 | .197 | .102 | .030 | .190 | .100 | .030 | |
| 7.0 | .200 | .099 | .028 | .196 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .178 | .092 | .027 | |
| 8.0 | .186 | .091 | .026 | .183 | .090 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | |
| 9.0 | .175 | .084 | .024 | .172 | .084 | .024 | .167 | .082 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | |
| 10.0 | .164 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .152 | .076 | .022 | .148 | .075 | .021 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .181 | .156 | .134 | .155 | .134 | .115 | .106 | .092 | .080 | .061 | .053 | .046 | .019 | .017 | .015 | |
| 2.0 | .173 | .132 | .098 | .148 | .114 | .084 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .165 | .114 | .074 | .141 | .099 | .064 | .097 | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .157 | .101 | .058 | .135 | .087 | .050 | .093 | .061 | .036 | .054 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .150 | .091 | .047 | .129 | .078 | .041 | .089 | .055 | .029 | .051 | .032 | .017 | .017 | .010 | .006 | |
| 6.0 | .143 | .082 | .039 | .123 | .071 | .034 | .085 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | |
| 7.0 | .136 | .075 | .033 | .117 | .065 | .029 | .081 | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .129 | .070 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .003 | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .073 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .117 | .060 | .022 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

# Uncorrected UGR Table

| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
|---|---|---|
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | 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 | 17.3 | 18.8 | 17.6 | 19.0 | 19.3 | 17.8 | 19.3 | 18.1 | 19.5 | 19.7 |
| | 3H | 18.9 | 20.3 | 19.2 | 20.6 | 20.8 | 19.5 | 20.9 | 19.8 | 21.2 | 21.4 |
| | 4H | 19.6 | 20.9 | 19.9 | 21.2 | 21.4 | 20.3 | 21.6 | 20.6 | 21.9 | 22.2 |
| | 6H | 20.1 | 21.4 | 20.4 | 21.6 | 21.9 | 20.9 | 22.2 | 21.3 | 22.5 | 22.8 |
| | 8H | 20.3 | 21.5 | 20.6 | 21.8 | 22.1 | 21.2 | 22.4 | 21.6 | 22.7 | 23.0 |
| | 12H | 20.3 | 21.5 | 20.7 | 21.8 | 22.1 | 21.4 | 22.6 | 21.7 | 22.9 | 23.2 |
| 4H | 2H | 18.0 | 19.4 | 18.3 | 19.6 | 19.9 | 18.4 | 19.7 | 18.7 | 20.0 | 20.3 |
| | 3H | 19.8 | 21.0 | 20.2 | 21.3 | 21.6 | 20.3 | 21.5 | 20.7 | 21.8 | 22.1 |
| | 4H | 20.6 | 21.7 | 21.0 | 22.1 | 22.4 | 21.3 | 22.3 | 21.6 | 22.7 | 23.0 |
| | 6H | 21.3 | 22.3 | 21.7 | 22.6 | 23.0 | 22.1 | 23.0 | 22.5 | 23.4 | 23.8 |
| | 8H | 21.5 | 22.4 | 21.9 | 22.8 | 23.2 | 22.4 | 23.3 | 22.8 | 23.7 | 24.1 |
| | 12H | 21.6 | 22.5 | 22.1 | 22.9 | 23.3 | 22.6 | 23.5 | 23.1 | 23.8 | 24.3 |
| 8H | 4H | 21.0 | 21.9 | 21.5 | 22.3 | 22.7 | 21.6 | 22.5 | 22.0 | 22.8 | 23.2 |
| | 6H | 21.9 | 22.6 | 22.3 | 23.1 | 23.5 | 22.6 | 23.3 | 23.0 | 23.7 | 24.2 |
| | 8H | 22.2 | 22.9 | 22.7 | 23.3 | 23.8 | 23.0 | 23.7 | 23.5 | 24.1 | 24.6 |
| | 12H | 22.5 | 23.0 | 22.9 | 23.5 | 23.9 | 23.4 | 23.9 | 23.8 | 24.4 | 24.9 |
| 12H | 4H | 21.1 | 21.9 | 21.5 | 22.3 | 22.7 | 21.6 | 22.4 | 22.0 | 22.8 | 23.2 |
| | 6H | 22.0 | 22.7 | 22.5 | 23.1 | 23.6 | 22.7 | 23.3 | 23.1 | 23.7 | 24.2 |
| | 8H | 22.4 | 23.0 | 22.9 | 23.4 | 23.9 | 23.2 | 23.7 | 23.7 | 24.2 | 24.7 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.1 / - 0.3 | | | | | + 0.1 / - 0.3 | | | | |

CIE Pub.117 Corrected 4103 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.9)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

# UTILIZATION FACTORS TABLE

| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
|---|---|---|
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

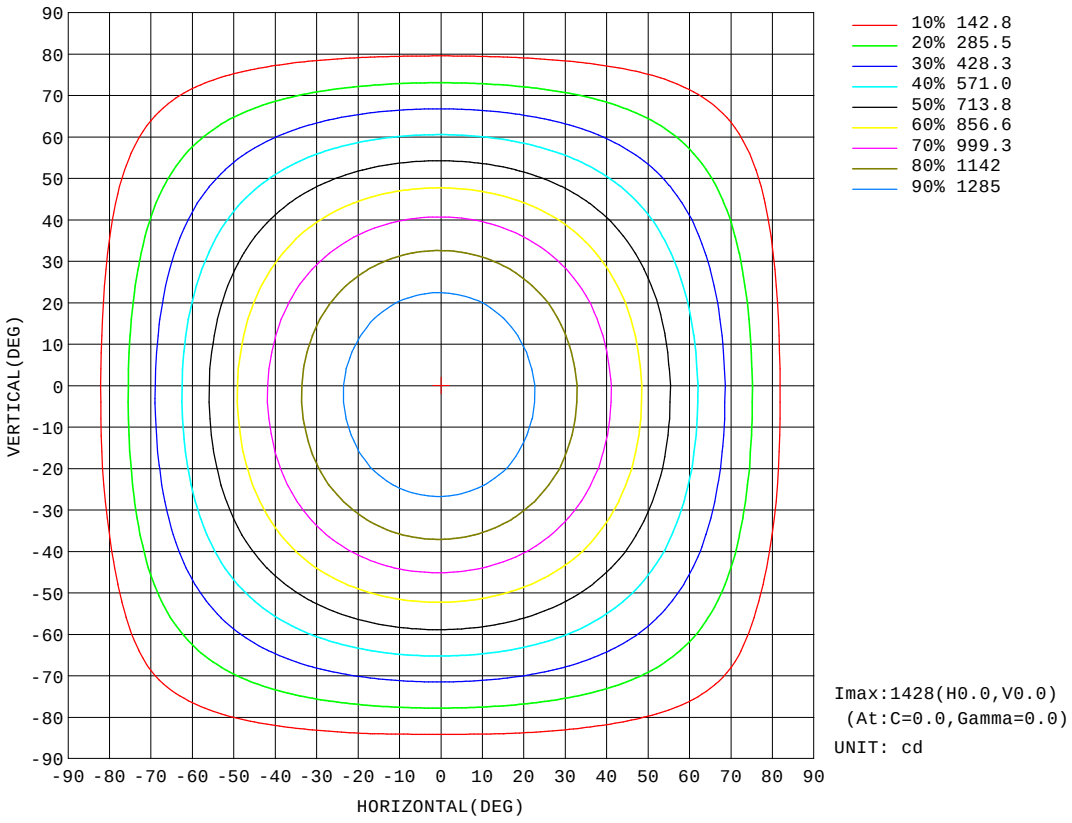
| REFLECTANCE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 57 | 46 | 39 | 57 | 45 | 39 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 56 | 48 | 66 | 55 | 48 | 64 | 54 | 48 | 41 |
| 1.00 | 76 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 83 | 72 | 65 | 81 | 71 | 65 | 79 | 70 | 64 | 56 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 70 | 83 | 75 | 69 | 62 |
| 2.00 | 95 | 86 | 79 | 93 | 85 | 79 | 89 | 83 | 77 | 69 |
| 2.50 | 99 | 91 | 85 | 97 | 89 | 84 | 93 | 87 | 82 | 73 |
| 3.00 | 102 | 95 | 89 | 100 | 93 | 88 | 96 | 91 | 86 | 78 |
| 4.00 | 106 | 100 | 96 | 104 | 98 | 94 | 99 | 95 | 91 | 83 |
| 5.00 | 108 | 104 | 99 | 106 | 102 | 98 | 102 | 98 | 95 | 86 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | Suspended | | | | | SHRNOM = 1.25 | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

## ISOCANDELA DIAGRAM

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

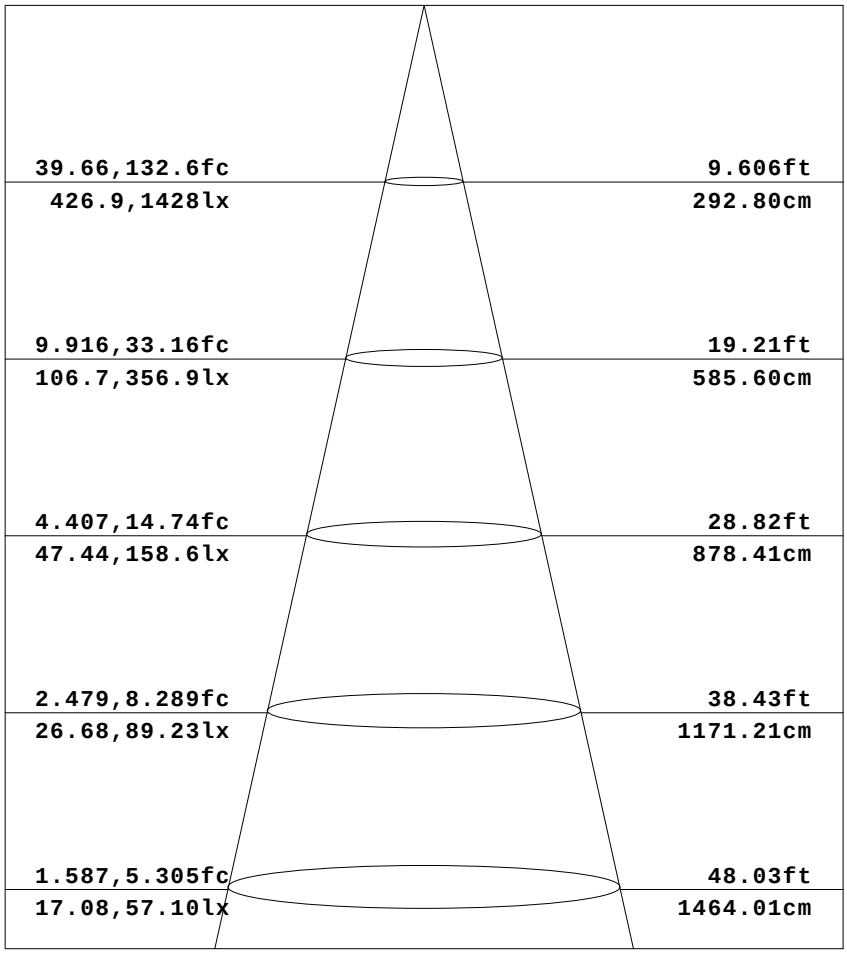
g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS

## AAI Figure

| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
|---|---|---|
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

Flux out:2948 lm




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

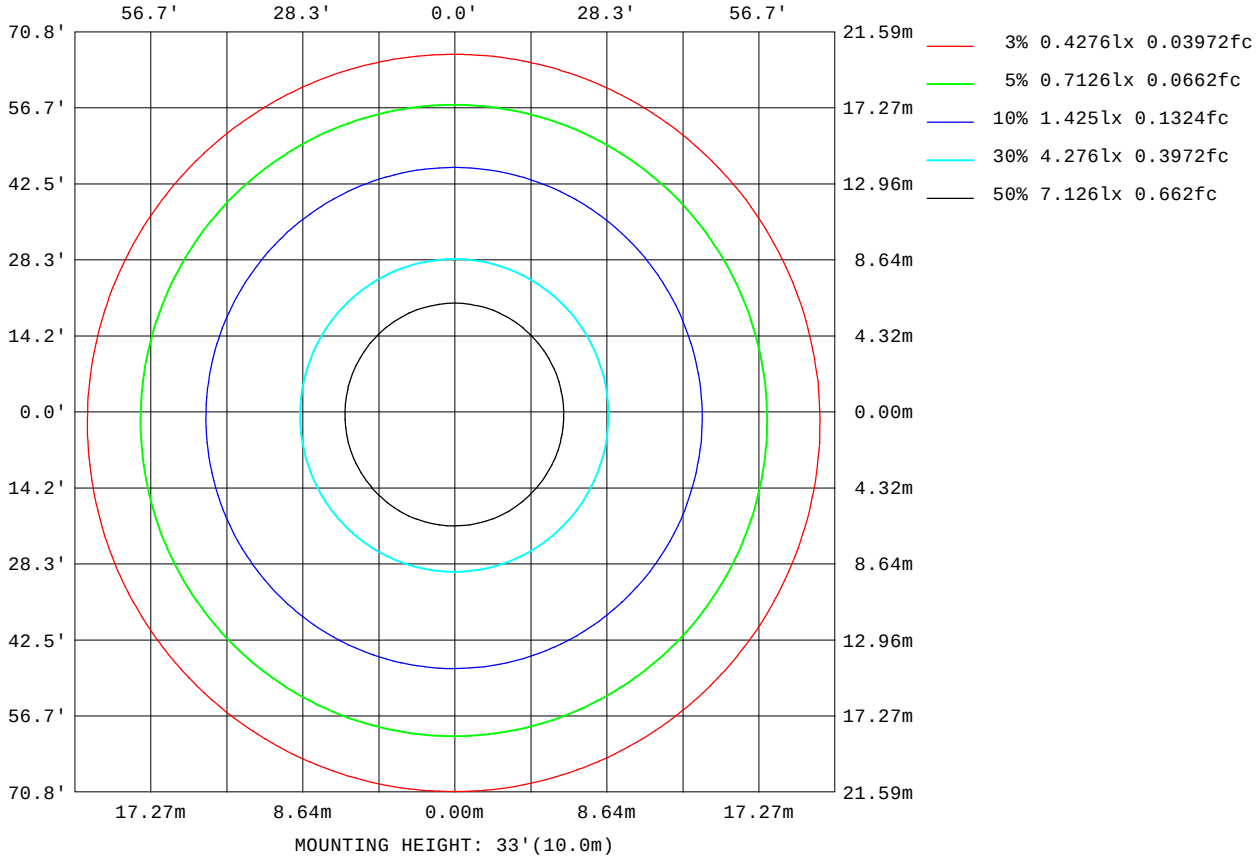
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS

# ISOLUX DIAGRAM

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS

# Average Luminance Table(CIBSE)

| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
|---|---|---|
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

| Parameter description for average Luminance | Symbol | Value | Unit |
|---|---|---|---|
| Luminance in Azimuth Plane | Bc | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane | I | from data | cd/klm |
| Number of lamps | N | 1 | |
| Output of each lamp(initial lumens as specified) | F | 4102.6 | lm |
| Multiplying factor | K | 1 | |
| Luminous area in horizontal plane used in calculations | A | 0.36 | sq.m. |
| Angle to the downward vertical from light centre | Gamma | from data | deg |

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

| G | C plane(deg) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| deg | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| 55 | 3499 | 3531 | 3579 | 3630 | 3687 | 3738 | 3790 | 3827 | 3856 | 3870 | 3871 | 3856 | 3828 | 3791 | 3747 | 3701 | 3650 | 3601 | 3552 |
| 60 | 3419 | 3457 | 3521 | 3578 | 3634 | 3691 | 3743 | 3787 | 3818 | 3832 | 3831 | 3814 | 3787 | 3746 | 3697 | 3643 | 3585 | 3530 | 3474 |
| 65 | 3331 | 3389 | 3443 | 3510 | 3579 | 3645 | 3702 | 3747 | 3777 | 3794 | 3793 | 3775 | 3741 | 3698 | 3650 | 3590 | 3529 | 3453 | 3388 |
| 70 | 3232 | 3287 | 3369 | 3450 | 3537 | 3604 | 3667 | 3715 | 3748 | 3762 | 3760 | 3740 | 3708 | 3660 | 3599 | 3537 | 3462 | 3383 | 3291 |
| 75 | 3115 | 3191 | 3297 | 3404 | 3497 | 3584 | 3650 | 3699 | 3733 | 3747 | 3747 | 3727 | 3691 | 3635 | 3569 | 3483 | 3395 | 3294 | 3171 |
| 80 | 2922 | 3030 | 3217 | 3373 | 3486 | 3585 | 3677 | 3735 | 3770 | 3783 | 3782 | 3762 | 3720 | 3656 | 3568 | 3445 | 3315 | 3109 | 2997 |
| 85 | 2544 | 2279 | 3063 | 3315 | 3519 | 3705 | 3539 | 2911 | 2509 | 2372 | 2518 | 2939 | 3595 | 3794 | 3626 | 3433 | 3165 | 2426 | 2666 |

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

| CIBSE Category | Gamma (deg) | Average Luminance | | Patch Luminance | |
|---|---|---|---|---|---|
| | | maximum calculated | specified maximum | maximum measured | specified maximum |
| Category 1 | 55 to 90 | 3871 | 200 | --- | 500 |
| Category 2 | 65 to 90 | 3794 | 200 | --- | 500 |
| Category 3 | 75 to 90 | 3794 | 200 | --- | 500 |

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

# Average Luminance Table(CIBSE)

| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
|---|---|---|
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

| Parameter description for average Luminance | Symbol | Value | Unit |
|---|---|---|---|
| Luminance in Azimuth Plane | Bc | refer Table 2 | cd/sq.m. |
| Intensity at angle Gamma in given azimuth plane | I | from data | cd/klm |
| Number of lamps | N | 1 | |
| Output of each lamp(initial lumens as specified) | F | 4102.6 | lm |
| Multiplying factor | K | 1 | |
| Luminous area in horizontal plane used in calculations | A | 0.36 | sq.m. |
| Angle to the downward vertical from light centre | Gamma | from data | deg |

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

| G | C plane(deg) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| deg | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| 55 | 3499 | 3531 | 3579 | 3630 | 3687 | 3738 | 3790 | 3827 | 3856 | 3870 | 3871 | 3856 | 3828 | 3791 | 3747 | 3701 | 3650 | 3601 | 3552 |
| 60 | 3419 | 3457 | 3521 | 3578 | 3634 | 3691 | 3743 | 3787 | 3818 | 3832 | 3831 | 3814 | 3787 | 3746 | 3697 | 3643 | 3585 | 3530 | 3474 |
| 65 | 3331 | 3389 | 3443 | 3510 | 3579 | 3645 | 3702 | 3747 | 3777 | 3794 | 3793 | 3775 | 3741 | 3698 | 3650 | 3590 | 3529 | 3453 | 3388 |
| 70 | 3232 | 3287 | 3369 | 3450 | 3537 | 3604 | 3667 | 3715 | 3748 | 3762 | 3760 | 3740 | 3708 | 3660 | 3599 | 3537 | 3462 | 3383 | 3291 |
| 75 | 3115 | 3191 | 3297 | 3404 | 3497 | 3584 | 3650 | 3699 | 3733 | 3747 | 3747 | 3727 | 3691 | 3635 | 3569 | 3483 | 3395 | 3294 | 3171 |
| 80 | 2922 | 3030 | 3217 | 3373 | 3486 | 3585 | 3677 | 3735 | 3770 | 3783 | 3782 | 3762 | 3720 | 3656 | 3568 | 3445 | 3315 | 3109 | 2997 |
| 85 | 2544 | 2279 | 3063 | 3315 | 3519 | 3705 | 3539 | 2911 | 2509 | 2372 | 2518 | 2939 | 3595 | 3794 | 3626 | 3433 | 3165 | 2426 | 2666 |

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

| range (deg) | Maximum measured | Average Luminance(cd/sq.m) Maximum limit for screen type & software category used | | | |
|---|---|---|---|---|---|
| | | Type I,II screen Some neg.s'ware | Type I,II screen Only pos.s'ware | Type III screen Some neg.s'ware | Type III screen Only pos.s'ware |
| 55 to 90 | 3871 | 1000 | 1500 | 200 | 500 |
| 65 to 90 | 3794 | 1000 | 1500 | 200 | 500 |

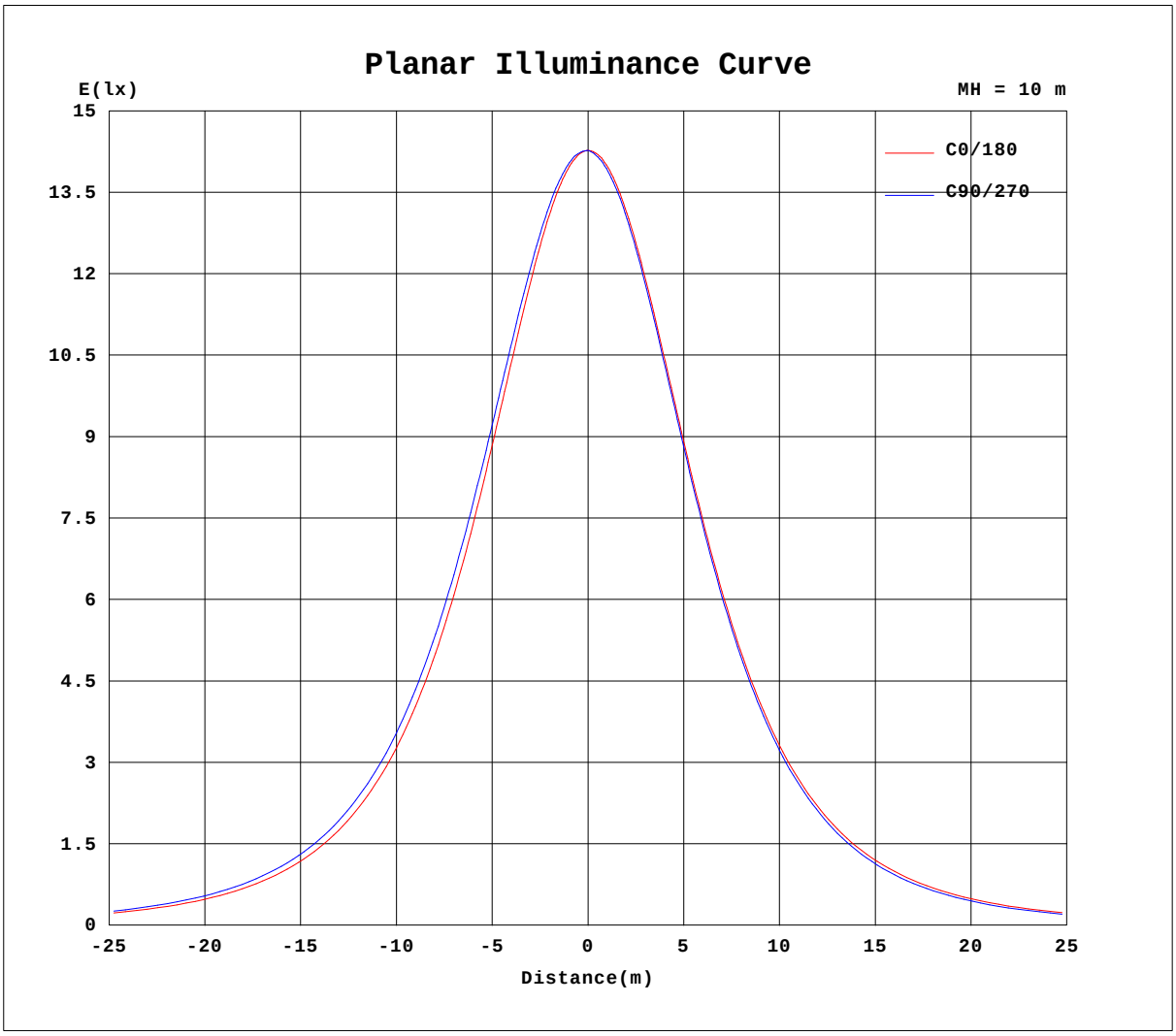
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

## Planar Illuminance Curve




C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

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# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

Table--1 UNIT: cd

| γ(DEG) \ C(DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 |
| 5 | 1420 | 1419 | 1419 | 1420 | 1420 | 1420 | 1421 | 1421 | 1422 | 1422 | 1423 | 1424 | 1424 | 1424 | 1425 | 1425 | 1425 | 1425 | 1426 |
| 10 | 1397 | 1398 | 1398 | 1399 | 1400 | 1401 | 1402 | 1404 | 1405 | 1406 | 1407 | 1408 | 1410 | 1410 | 1412 | 1413 | 1413 | 1414 | 1414 |
| 15 | 1363 | 1363 | 1364 | 1366 | 1367 | 1369 | 1371 | 1374 | 1376 | 1378 | 1379 | 1381 | 1382 | 1384 | 1386 | 1387 | 1388 | 1388 | 1389 |
| 20 | 1316 | 1316 | 1317 | 1320 | 1322 | 1325 | 1329 | 1331 | 1333 | 1336 | 1339 | 1341 | 1344 | 1346 | 1348 | 1351 | 1352 | 1354 | 1354 |
| 25 | 1256 | 1257 | 1259 | 1262 | 1267 | 1270 | 1272 | 1276 | 1279 | 1283 | 1288 | 1291 | 1293 | 1296 | 1299 | 1301 | 1303 | 1304 | 1306 |
| 30 | 1186 | 1187 | 1190 | 1194 | 1199 | 1201 | 1205 | 1211 | 1216 | 1219 | 1224 | 1228 | 1231 | 1235 | 1239 | 1242 | 1245 | 1246 | 1247 |
| 35 | 1107 | 1109 | 1112 | 1118 | 1120 | 1125 | 1131 | 1135 | 1139 | 1145 | 1150 | 1156 | 1159 | 1163 | 1167 | 1170 | 1172 | 1174 | 1176 |
| 40 | 1020 | 1022 | 1026 | 1030 | 1035 | 1041 | 1045 | 1050 | 1056 | 1062 | 1066 | 1071 | 1076 | 1081 | 1085 | 1088 | 1092 | 1094 | 1095 |
| 45 | 926 | 927 | 934 | 936 | 942 | 947 | 952 | 960 | 964 | 969 | 975 | 981 | 986 | 990 | 994 | 997 | 1000 | 1002 | 1003 |
| 50 | 826 | 828 | 833 | 838 | 843 | 848 | 854 | 859 | 865 | 872 | 876 | 881 | 887 | 891 | 895 | 899 | 901 | 904 | 905 |
| 55 | 723 | 725 | 729 | 736 | 739 | 745 | 750 | 757 | 761 | 767 | 772 | 778 | 782 | 787 | 790 | 794 | 796 | 798 | 799 |
| 60 | 615 | 619 | 622 | 627 | 634 | 638 | 644 | 648 | 654 | 660 | 664 | 669 | 674 | 678 | 682 | 685 | 687 | 689 | 690 |
| 65 | 507 | 511 | 516 | 520 | 524 | 529 | 534 | 540 | 544 | 550 | 555 | 559 | 563 | 567 | 570 | 573 | 575 | 576 | 577 |
| 70 | 398 | 401 | 405 | 410 | 415 | 421 | 425 | 430 | 436 | 440 | 444 | 448 | 452 | 455 | 457 | 460 | 461 | 463 | 463 |
| 75 | 290 | 293 | 297 | 302 | 307 | 312 | 317 | 321 | 326 | 330 | 334 | 337 | 340 | 343 | 345 | 346 | 348 | 349 | 349 |
| 80 | 183 | 186 | 189 | 194 | 201 | 205 | 211 | 214 | 218 | 221 | 224 | 227 | 230 | 232 | 234 | 235 | 236 | 236 | 237 |
| 85 | 79.8 | 60.4 | 71.5 | 86.4 | 96.1 | 101 | 104 | 107 | 110 | 113 | 116 | 119 | 111 | 100 | 91.3 | 84.0 | 78.7 | 75.5 | 74.4 |
| 90 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

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# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

Table--2 UNIT: cd

| γ (DEG) \ C(DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 |
| 5 | 1426 | 1426 | 1426 | 1426 | 1426 | 1425 | 1425 | 1425 | 1424 | 1424 | 1424 | 1423 | 1423 | 1422 | 1422 | 1422 | 1422 | 1422 | 1421 |
| 10 | 1414 | 1414 | 1414 | 1413 | 1412 | 1412 | 1411 | 1410 | 1410 | 1409 | 1408 | 1407 | 1407 | 1406 | 1404 | 1403 | 1403 | 1402 | 1401 |
| 15 | 1389 | 1389 | 1389 | 1388 | 1388 | 1386 | 1385 | 1384 | 1383 | 1382 | 1379 | 1378 | 1377 | 1375 | 1374 | 1372 | 1370 | 1370 | 1368 |
| 20 | 1355 | 1354 | 1353 | 1352 | 1350 | 1349 | 1347 | 1346 | 1343 | 1341 | 1338 | 1337 | 1334 | 1332 | 1330 | 1328 | 1325 | 1324 | 1321 |
| 25 | 1306 | 1306 | 1305 | 1304 | 1302 | 1300 | 1298 | 1296 | 1292 | 1289 | 1286 | 1282 | 1279 | 1276 | 1273 | 1271 | 1268 | 1266 | 1263 |
| 30 | 1247 | 1247 | 1246 | 1244 | 1241 | 1239 | 1236 | 1233 | 1229 | 1226 | 1221 | 1218 | 1214 | 1210 | 1206 | 1204 | 1200 | 1198 | 1195 |
| 35 | 1176 | 1176 | 1175 | 1172 | 1170 | 1167 | 1164 | 1160 | 1156 | 1152 | 1147 | 1142 | 1138 | 1134 | 1130 | 1126 | 1123 | 1119 | 1117 |
| 40 | 1095 | 1094 | 1093 | 1091 | 1088 | 1086 | 1082 | 1077 | 1073 | 1068 | 1064 | 1058 | 1053 | 1049 | 1044 | 1040 | 1037 | 1033 | 1030 |
| 45 | 1004 | 1003 | 1002 | 1000 | 997 | 994 | 990 | 986 | 982 | 976 | 972 | 966 | 961 | 956 | 952 | 946 | 943 | 938 | 936 |
| 50 | 905 | 905 | 903 | 901 | 898 | 896 | 892 | 887 | 883 | 878 | 873 | 867 | 863 | 857 | 852 | 847 | 843 | 838 | 836 |
| 55 | 800 | 799 | 798 | 796 | 793 | 790 | 787 | 783 | 779 | 774 | 769 | 764 | 758 | 754 | 748 | 744 | 738 | 733 | 730 |
| 60 | 690 | 690 | 688 | 686 | 684 | 682 | 678 | 674 | 670 | 665 | 661 | 656 | 651 | 645 | 641 | 635 | 630 | 625 | 621 |
| 65 | 577 | 577 | 576 | 574 | 572 | 569 | 566 | 563 | 559 | 555 | 551 | 546 | 541 | 537 | 531 | 525 | 520 | 515 | 511 |
| 70 | 463 | 463 | 462 | 461 | 459 | 457 | 454 | 451 | 447 | 443 | 439 | 436 | 431 | 426 | 422 | 416 | 411 | 405 | 402 |
| 75 | 349 | 349 | 348 | 347 | 346 | 344 | 341 | 339 | 336 | 333 | 329 | 325 | 321 | 316 | 312 | 307 | 301 | 295 | 292 |
| 80 | 237 | 236 | 236 | 235 | 234 | 233 | 231 | 229 | 226 | 223 | 219 | 215 | 212 | 207 | 202 | 194 | 193 | 187 | 184 |
| 85 | 75.6 | 79.0 | 84.6 | 92.2 | 102 | 113 | 121 | 119 | 117 | 114 | 111 | 108 | 104 | 99.3 | 90.0 | 76.1 | 66.0 | 83.6 | 79.2 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.00 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

Table--3 UNIT: cd

| γ (DEG) \ C(DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 |
| 5 | 1420 | 1419 | 1419 | 1418 | 1418 | 1418 | 1418 | 1417 | 1417 | 1417 | 1417 | 1417 | 1416 | 1416 | 1416 | 1416 | 1415 | 1415 | 1415 |
| 10 | 1400 | 1399 | 1398 | 1398 | 1397 | 1397 | 1396 | 1395 | 1395 | 1394 | 1394 | 1394 | 1394 | 1394 | 1394 | 1394 | 1394 | 1394 | 1393 |
| 15 | 1366 | 1366 | 1365 | 1364 | 1362 | 1362 | 1362 | 1362 | 1361 | 1360 | 1360 | 1360 | 1360 | 1359 | 1359 | 1358 | 1358 | 1358 | 1358 |
| 20 | 1320 | 1319 | 1318 | 1317 | 1316 | 1315 | 1315 | 1314 | 1314 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1312 | 1312 | 1311 |
| 25 | 1262 | 1260 | 1259 | 1258 | 1257 | 1257 | 1256 | 1255 | 1255 | 1255 | 1254 | 1254 | 1254 | 1254 | 1254 | 1254 | 1253 | 1252 | 1252 |
| 30 | 1193 | 1191 | 1189 | 1189 | 1188 | 1186 | 1186 | 1185 | 1185 | 1185 | 1184 | 1184 | 1184 | 1184 | 1184 | 1184 | 1183 | 1183 | 1182 |
| 35 | 1114 | 1112 | 1110 | 1109 | 1107 | 1106 | 1105 | 1105 | 1104 | 1104 | 1103 | 1103 | 1103 | 1103 | 1103 | 1102 | 1102 | 1101 | 1100 |
| 40 | 1026 | 1024 | 1022 | 1020 | 1018 | 1018 | 1015 | 1015 | 1014 | 1014 | 1014 | 1013 | 1013 | 1013 | 1013 | 1013 | 1012 | 1012 | 1011 |
| 45 | 932 | 930 | 926 | 924 | 922 | 920 | 919 | 918 | 917 | 916 | 915 | 915 | 915 | 914 | 914 | 913 | 913 | 912 | 911 |
| 50 | 831 | 828 | 825 | 822 | 820 | 818 | 816 | 815 | 813 | 812 | 812 | 810 | 809 | 809 | 808 | 808 | 808 | 807 | 806 |
| 55 | 727 | 722 | 719 | 716 | 714 | 710 | 708 | 707 | 705 | 703 | 701 | 700 | 699 | 698 | 698 | 697 | 696 | 696 | 696 |
| 60 | 618 | 614 | 609 | 607 | 603 | 601 | 597 | 595 | 593 | 591 | 589 | 587 | 586 | 585 | 584 | 583 | 583 | 582 | 582 |
| 65 | 507 | 503 | 500 | 495 | 492 | 488 | 486 | 483 | 480 | 477 | 475 | 473 | 472 | 470 | 469 | 468 | 468 | 468 | 468 |
| 70 | 398 | 393 | 389 | 384 | 381 | 377 | 373 | 370 | 367 | 364 | 362 | 360 | 358 | 356 | 355 | 354 | 353 | 353 | 354 |
| 75 | 288 | 283 | 278 | 274 | 270 | 267 | 263 | 259 | 256 | 253 | 251 | 248 | 246 | 244 | 243 | 242 | 242 | 242 | 242 |
| 80 | 178 | 174 | 170 | 166 | 162 | 158 | 154 | 150 | 147 | 145 | 142 | 139 | 137 | 135 | 133 | 132 | 132 | 132 | 133 |
| 85 | 74.6 | 70.1 | 65.7 | 61.3 | 57.0 | 53.3 | 49.6 | 46.0 | 42.7 | 39.7 | 36.4 | 33.3 | 30.5 | 28.2 | 26.5 | 25.5 | 25.0 | 25.4 | 26.5 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:230.8V I:0.1741A P:38.14W PF:0.9492 Lamp Flux:4102.6x1 lm | | |
| NAME: 华创力送样经济款 | TYPE: | WEIGHT: |
| DIM.: | SPEC.:230V/50HZ | SERIAL No.: |
| MFR.: HCL | SUR.:596*596 | PROTECTION ANGLE: |

Table--4 UNIT: cd

| γ (DEG) \ C(DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | 1428 | | | | |
| 5 | 1415 | 1415 | 1415 | 1415 | 1416 | 1416 | 1415 | 1415 | 1416 | 1416 | 1416 | 1416 | 1417 | 1418 | 1419 | | | | |
| 10 | 1393 | 1393 | 1392 | 1392 | 1391 | 1391 | 1392 | 1392 | 1392 | 1392 | 1393 | 1393 | 1394 | 1394 | 1396 | | | | |
| 15 | 1357 | 1357 | 1356 | 1356 | 1356 | 1356 | 1357 | 1357 | 1356 | 1356 | 1356 | 1357 | 1358 | 1359 | 1360 | | | | |
| 20 | 1311 | 1310 | 1309 | 1308 | 1308 | 1308 | 1307 | 1307 | 1308 | 1309 | 1308 | 1308 | 1309 | 1310 | 1312 | | | | |
| 25 | 1251 | 1250 | 1249 | 1249 | 1249 | 1249 | 1248 | 1247 | 1247 | 1247 | 1248 | 1249 | 1249 | 1250 | 1252 | | | | |
| 30 | 1181 | 1180 | 1179 | 1178 | 1177 | 1177 | 1176 | 1177 | 1176 | 1176 | 1176 | 1178 | 1179 | 1180 | 1182 | | | | |
| 35 | 1100 | 1099 | 1098 | 1097 | 1098 | 1096 | 1095 | 1095 | 1095 | 1097 | 1096 | 1097 | 1100 | 1100 | 1103 | | | | |
| 40 | 1010 | 1008 | 1007 | 1007 | 1006 | 1006 | 1006 | 1006 | 1006 | 1006 | 1008 | 1009 | 1010 | 1013 | 1015 | | | | |
| 45 | 911 | 910 | 910 | 910 | 910 | 908 | 908 | 909 | 911 | 910 | 911 | 914 | 915 | 919 | 920 | | | | |
| 50 | 806 | 805 | 805 | 805 | 805 | 805 | 807 | 806 | 807 | 809 | 810 | 812 | 815 | 818 | 820 | | | | |
| 55 | 695 | 695 | 696 | 697 | 697 | 697 | 698 | 700 | 702 | 702 | 705 | 707 | 711 | 713 | 716 | | | | |
| 60 | 582 | 583 | 583 | 584 | 585 | 586 | 589 | 590 | 591 | 595 | 596 | 600 | 602 | 606 | 610 | | | | |
| 65 | 468 | 469 | 470 | 471 | 473 | 474 | 476 | 479 | 482 | 484 | 487 | 490 | 494 | 498 | 502 | | | | |
| 70 | 354 | 356 | 357 | 359 | 361 | 363 | 365 | 368 | 371 | 374 | 378 | 381 | 384 | 388 | 392 | | | | |
| 75 | 243 | 244 | 246 | 248 | 251 | 253 | 256 | 259 | 262 | 266 | 269 | 273 | 277 | 280 | 285 | | | | |
| 80 | 134 | 136 | 138 | 140 | 143 | 146 | 149 | 152 | 155 | 158 | 162 | 166 | 170 | 174 | 177 | | | | |
| 85 | 28.1 | 30.2 | 32.9 | 35.9 | 39.0 | 41.9 | 45.1 | 48.6 | 52.1 | 55.6 | 59.8 | 64.0 | 68.2 | 72.3 | 76.2 | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Lab
Test Date:2017-01-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:8.800m [K=1.0000]
Remarks: 3000K

Y:\实验室\外来样品\W17010901 华创力\配光\0109 596X596 40W 3000K.GOS