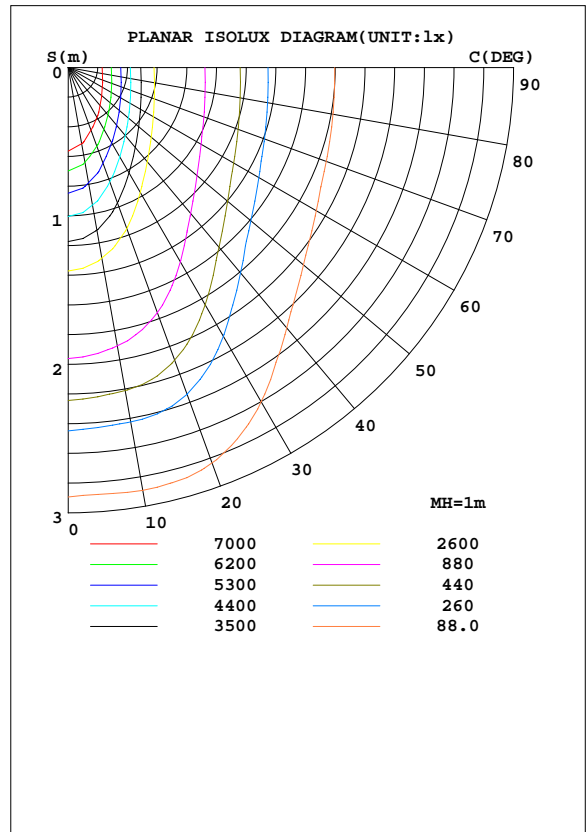
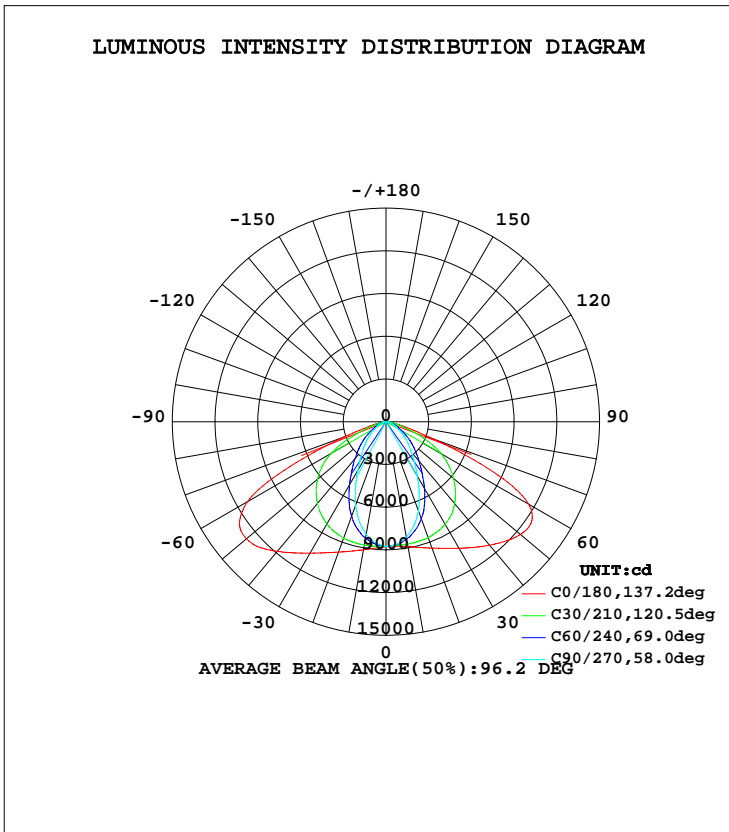


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 134.74 lm/W | | | |
|------------------|----------------------|-----------------------------------|--------|--------------------|-----------|
| MODEL | NF2W757GRT-V1 240PCS | Imax(cd) | 12794 | S/MH(C0/180) | 1.93 |
| NOMINAL POWER(W) | 166 | LOR(%) | 100.0 | S/MH(C90/270) | 0.89 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 22514 | η UP, DN(C0-180) | 0.0, 48.3 |
| NOMINAL FLUX(lm) | 22513.5 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0, 51.7 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 220 | η down(%) | 100.0 | CIBSE SHR MAX | 1.10 |



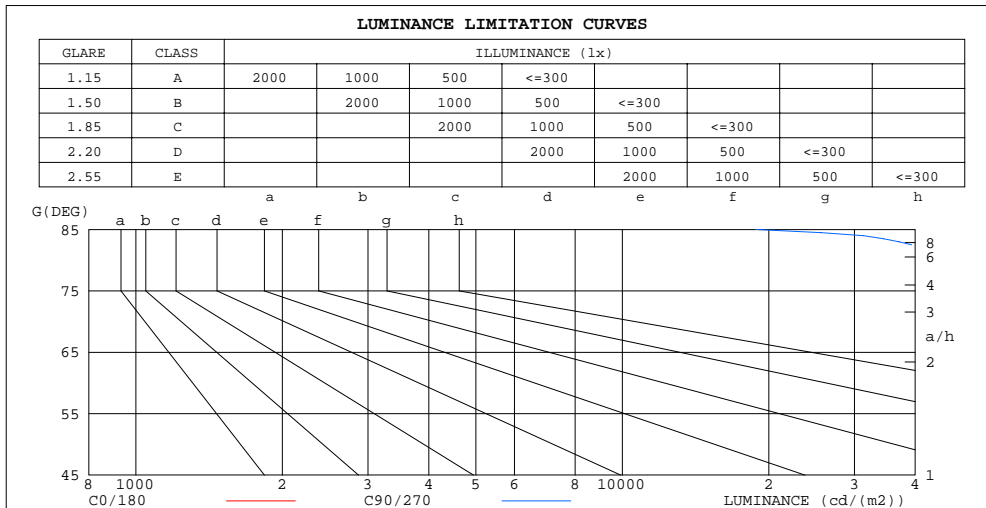
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [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 |
|-----|--------------------------|-------|-------|-------|--------|-------|-------|-------|---------|---------|---------|-----------|
| 5 | 891.4 | 869.8 | 851.6 | 859.3 | 877.9 | 869.2 | 864.3 | 878.7 | 0- 5 | 208.6 | 208.6 | 0.93,0.93 |
| 10 | 912.9 | 853.7 | 803.0 | 834.3 | 891.1 | 853.5 | 824.6 | 869.0 | 5- 10 | 616.6 | 825.2 | 3.67,3.67 |
| 15 | 940.6 | 827.5 | 724.6 | 801.2 | 914.3 | 829.8 | 756.4 | 847.6 | 10- 15 | 998.6 | 1824 | 8.1,8.1 |
| 20 | 974.5 | 785.9 | 623.5 | 751.7 | 944.3 | 792.3 | 667.9 | 811.1 | 15- 20 | 1336 | 3160 | 14,14 |
| 25 | 1016 | 726.8 | 505.0 | 684.6 | 981.2 | 740.2 | 553.9 | 757.2 | 20- 25 | 1611 | 4771 | 21.2,21.2 |
| 30 | 1065 | 652.3 | 396.0 | 603.0 | 1026 | 671.5 | 439.8 | 685.2 | 25- 30 | 1814 | 6585 | 29.2,29.2 |
| 35 | 1124 | 568.9 | 314.1 | 514.9 | 1077 | 589.8 | 350.3 | 600.3 | 30- 35 | 1957 | 8542 | 37.9,37.9 |
| 40 | 1188 | 484.2 | 246.8 | 430.4 | 1131 | 502.7 | 279.0 | 510.5 | 35- 40 | 2058 | 10600 | 47.1,47.1 |
| 45 | 1249 | 407.6 | 195.6 | 356.4 | 1186 | 422.1 | 223.0 | 429.7 | 40- 45 | 2123 | 12724 | 56.5,56.5 |
| 50 | 1279 | 333.5 | 148.7 | 287.8 | 1232 | 349.3 | 175.0 | 355.3 | 45- 50 | 2146 | 14870 | 66,66 |
| 55 | 1256 | 263.4 | 109.4 | 224.3 | 1243 | 280.2 | 131.5 | 285.0 | 50- 55 | 2100 | 16970 | 75.4,75.4 |
| 60 | 1124 | 188.1 | 79.57 | 158.8 | 1156 | 209.4 | 93.59 | 210.2 | 55- 60 | 1946 | 18917 | 84,84 |
| 65 | 744.4 | 121.6 | 60.81 | 104.5 | 824.5 | 141.2 | 71.48 | 138.2 | 60- 65 | 1613 | 20529 | 91.2,91.2 |
| 70 | 312.2 | 75.31 | 43.80 | 67.71 | 356.5 | 89.62 | 52.07 | 85.62 | 65- 70 | 1053 | 21582 | 95.9,95.9 |
| 75 | 108.4 | 43.55 | 30.22 | 41.43 | 129.9 | 55.68 | 38.13 | 52.10 | 70- 75 | 536.2 | 22118 | 98.2,98.2 |
| 80 | 41.65 | 21.73 | 16.46 | 21.84 | 50.00 | 30.44 | 24.66 | 27.86 | 75- 80 | 259.2 | 22378 | 99.4,99.4 |
| 85 | 12.83 | 7.194 | 3.275 | 6.997 | 17.28 | 13.70 | 6.998 | 12.51 | 80- 85 | 117.2 | 22495 | 99.9,99.9 |
| 90 | 0.3249 | 0 | 0 | 0 | 0.3863 | 0 | 0 | 0 | 85- 90 | 18.70 | 22514 | 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:×10cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|---------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 73612 | 18790 |
| 80 | 119916 | 47405 |
| 75 | 209365 | 58374 |
| 70 | 456373 | 64029 |
| 65 | 880754 | 71949 |
| 60 | 1123934 | 79573 |
| 55 | 1095154 | 95388 |
| 50 | 994645 | 115702 |
| 45 | 883412 | 138291 |

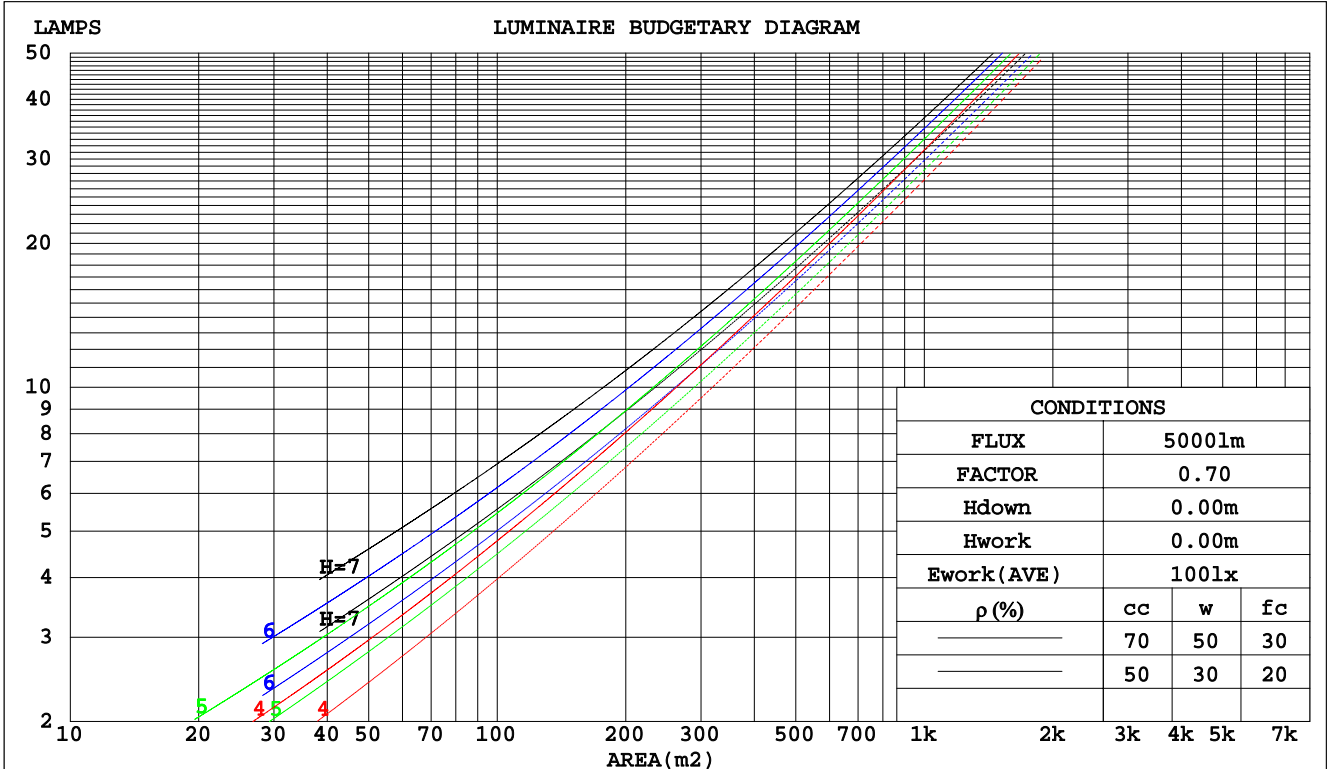
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-03-30

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:9.410m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pw | | | | | | | | | | | | | | | | 0 |
| pfc | | | | | | | | | | | | | | | | 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 | 1.00 |
| 1.0 | 1.05 | 1.02 | .98 | 1.03 | .90 | .97 | .99 | .96 | .93 | .95 | .93 | .91 | .92 | .90 | .88 | .86 |
| 2.0 | .93 | .86 | .81 | .91 | .85 | .80 | .87 | .82 | .78 | .84 | .80 | .76 | .81 | .78 | .75 | .73 |
| 3.0 | .82 | .74 | .68 | .80 | .73 | .67 | .77 | .71 | .66 | .74 | .69 | .65 | .72 | .67 | .64 | .62 |
| 4.0 | .72 | .64 | .58 | .71 | .63 | .57 | .69 | .62 | .56 | .66 | .60 | .56 | .64 | .59 | .55 | .53 |
| 5.0 | .65 | .56 | .50 | .64 | .55 | .49 | .62 | .54 | .49 | .60 | .53 | .48 | .58 | .52 | .48 | .46 |
| 6.0 | .58 | .50 | .43 | .57 | .49 | .43 | .56 | .48 | .43 | .54 | .47 | .42 | .52 | .47 | .42 | .40 |
| 7.0 | .53 | .44 | .38 | .52 | .44 | .38 | .51 | .43 | .38 | .49 | .42 | .38 | .48 | .42 | .37 | .35 |
| 8.0 | .48 | .40 | .34 | .48 | .40 | .34 | .46 | .39 | .34 | .45 | .38 | .34 | .44 | .38 | .33 | .32 |
| 9.0 | .44 | .36 | .31 | .44 | .36 | .31 | .43 | .35 | .30 | .41 | .35 | .30 | .40 | .35 | .30 | .28 |
| 10.0 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .28 | .38 | .32 | .28 | .38 | .32 | .27 | .26 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | 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 Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .279 | .159 | .050 | .272 | .155 | .049 | .259 | .148 | .047 | .247 | .142 | .046 | .236 | .137 | .044 | |
| 2.0 | .271 | .148 | .045 | .264 | .146 | .045 | .253 | .141 | .044 | .242 | .136 | .043 | .233 | .132 | .041 | |
| 3.0 | .255 | .136 | .041 | .250 | .134 | .040 | .240 | .130 | .039 | .230 | .126 | .039 | .221 | .123 | .038 | |
| 4.0 | .239 | .124 | .036 | .234 | .122 | .036 | .225 | .119 | .036 | .216 | .116 | .035 | .209 | .113 | .035 | |
| 5.0 | .222 | .113 | .033 | .218 | .112 | .033 | .210 | .109 | .032 | .203 | .107 | .032 | .196 | .105 | .031 | |
| 6.0 | .208 | .104 | .030 | .204 | .103 | .030 | .197 | .101 | .029 | .190 | .099 | .029 | .184 | .097 | .029 | |
| 7.0 | .194 | .096 | .027 | .191 | .095 | .027 | .184 | .093 | .027 | .178 | .091 | .027 | .173 | .090 | .026 | |
| 8.0 | .182 | .089 | .025 | .179 | .088 | .025 | .173 | .087 | .025 | .168 | .085 | .025 | .163 | .084 | .024 | |
| 9.0 | .171 | .083 | .023 | .168 | .082 | .023 | .163 | .081 | .023 | .158 | .079 | .023 | .154 | .078 | .023 | |
| 10.0 | .161 | .077 | .021 | .159 | .077 | .021 | .154 | .075 | .021 | .150 | .074 | .021 | .145 | .073 | .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 | .178 | .156 | .137 | .152 | .134 | .118 | .104 | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 | |
| 2.0 | .169 | .132 | .101 | .145 | .114 | .087 | .099 | .079 | .061 | .057 | .046 | .036 | .018 | .015 | .012 | |
| 3.0 | .162 | .114 | .076 | .139 | .099 | .066 | .095 | .068 | .046 | .055 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .154 | .101 | .060 | .132 | .087 | .052 | .091 | .061 | .037 | .053 | .036 | .022 | .017 | .012 | .007 | |
| 5.0 | .147 | .090 | .048 | .126 | .078 | .042 | .087 | .055 | .030 | .050 | .032 | .018 | .016 | .010 | .006 | |
| 6.0 | .140 | .082 | .040 | .121 | .071 | .035 | .083 | .050 | .025 | .048 | .029 | .015 | .016 | .010 | .005 | |
| 7.0 | .134 | .075 | .034 | .115 | .065 | .029 | .079 | .046 | .021 | .046 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .127 | .069 | .029 | .110 | .060 | .025 | .076 | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .121 | .064 | .026 | .105 | .056 | .022 | .073 | .039 | .016 | .042 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .116 | .060 | .023 | .100 | .052 | .020 | .069 | .037 | .014 | .040 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | 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 | 38.7 | 40.2 | 39.0 | 40.4 | 40.6 | 26.6 | 28.1 | 26.9 | 28.3 | 28.5 |
| 3H | 39.7 | 41.1 | 40.0 | 41.3 | 41.6 | 27.1 | 28.4 | 27.3 | 28.6 | 28.9 |
| 4H | 39.8 | 41.0 | 40.1 | 41.3 | 41.5 | 27.2 | 28.5 | 27.5 | 28.8 | 29.0 |
| 6H | 39.7 | 40.9 | 40.0 | 41.2 | 41.4 | 27.3 | 28.5 | 27.7 | 28.8 | 29.1 |
| 8H | 39.7 | 40.8 | 40.0 | 41.1 | 41.4 | 27.4 | 28.5 | 27.7 | 28.8 | 29.1 |
| 12H | 39.6 | 40.7 | 40.0 | 41.0 | 41.3 | 27.3 | 28.4 | 27.7 | 28.7 | 29.0 |
| 4H 2H | 38.5 | 39.7 | 38.8 | 40.0 | 40.3 | 28.8 | 30.1 | 29.1 | 30.3 | 30.6 |
| 3H | 39.6 | 40.7 | 39.9 | 41.0 | 41.3 | 29.1 | 30.2 | 29.5 | 30.5 | 30.8 |
| 4H | 39.6 | 40.7 | 40.0 | 41.0 | 41.3 | 29.3 | 30.3 | 29.6 | 30.6 | 30.9 |
| 6H | 39.6 | 40.5 | 40.0 | 40.9 | 41.2 | 29.4 | 30.3 | 29.8 | 30.6 | 31.0 |
| 8H | 39.6 | 40.4 | 40.0 | 40.8 | 41.2 | 29.4 | 30.2 | 29.8 | 30.6 | 31.0 |
| 12H | 39.6 | 40.3 | 40.0 | 40.7 | 41.1 | 29.4 | 30.1 | 29.8 | 30.5 | 30.9 |
| 8H 4H | 39.5 | 40.3 | 39.9 | 40.7 | 41.1 | 29.7 | 30.5 | 30.1 | 30.9 | 31.3 |
| 6H | 39.5 | 40.2 | 40.0 | 40.6 | 41.0 | 29.9 | 30.6 | 30.3 | 31.0 | 31.4 |
| 8H | 39.5 | 40.1 | 40.0 | 40.5 | 41.0 | 29.9 | 30.5 | 30.4 | 31.0 | 31.4 |
| 12H | 39.5 | 40.0 | 40.0 | 40.5 | 40.9 | 29.9 | 30.4 | 30.4 | 30.9 | 31.4 |
| 12H 4H | 39.5 | 40.2 | 39.9 | 40.6 | 41.0 | 29.7 | 30.5 | 30.2 | 30.9 | 31.3 |
| 6H | 39.5 | 40.1 | 40.0 | 40.5 | 41.0 | 29.9 | 30.5 | 30.4 | 30.9 | 31.4 |
| 8H | 39.5 | 40.0 | 40.0 | 40.4 | 40.9 | 30.0 | 30.5 | 30.5 | 30.9 | 31.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 1.1 / - 1.5 | | | | |
| 1.5H | + 1.3 / - 1.3 | | | | | + 0.7 / - 1.1 | | | | |
| 2.0H | + 2.6 / - 4.8 | | | | | + 1.4 / - 1.9 | | | | |

CIE Pub.117 Corrected 22514 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.8)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | 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 | 58 | 47 | 40 | 57 | 46 | 40 | 33 |
| 0.80 | 69 | 58 | 50 | 68 | 57 | 50 | 66 | 56 | 50 | 43 |
| 1.00 | 78 | 67 | 60 | 77 | 67 | 60 | 74 | 68 | 59 | 52 |
| 1.25 | 85 | 75 | 68 | 84 | 74 | 68 | 81 | 73 | 67 | 60 |
| 1.50 | 90 | 81 | 74 | 88 | 80 | 74 | 85 | 78 | 73 | 65 |
| 2.00 | 97 | 89 | 83 | 95 | 88 | 82 | 92 | 86 | 81 | 73 |
| 2.50 | 101 | 93 | 88 | 99 | 92 | 87 | 95 | 89 | 85 | 77 |
| 3.00 | 104 | 98 | 92 | 102 | 96 | 91 | 98 | 93 | 89 | 81 |
| 4.00 | 108 | 102 | 98 | 105 | 101 | 97 | 101 | 97 | 94 | 86 |
| 5.00 | 110 | 105 | 102 | 107 | 104 | 100 | 103 | 100 | 97 | 88 |
| 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:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Conical surface Flux(90deg):

12724 lm

%lum = 56.5%

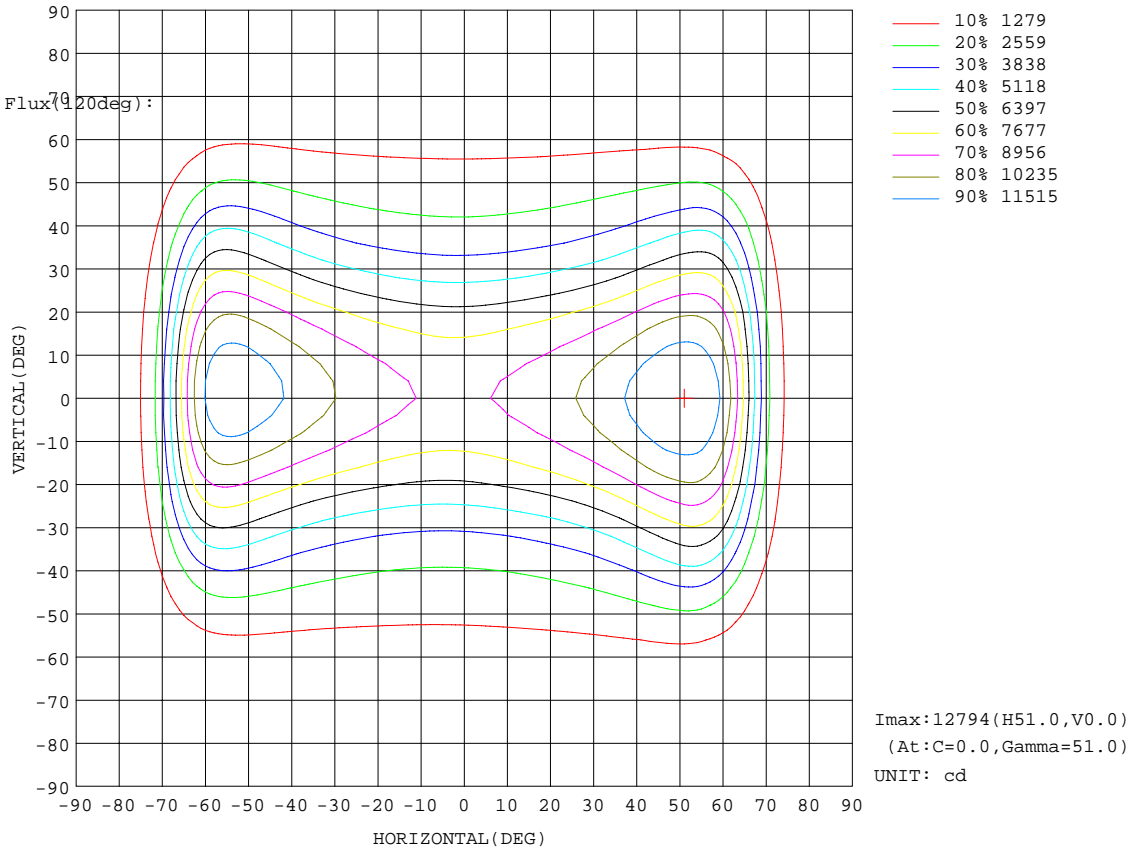
%lamp = 56.5%

Conical surface Flux(70deg):

18917 lm

%lum = 84.0%

%lamp = 84.0%



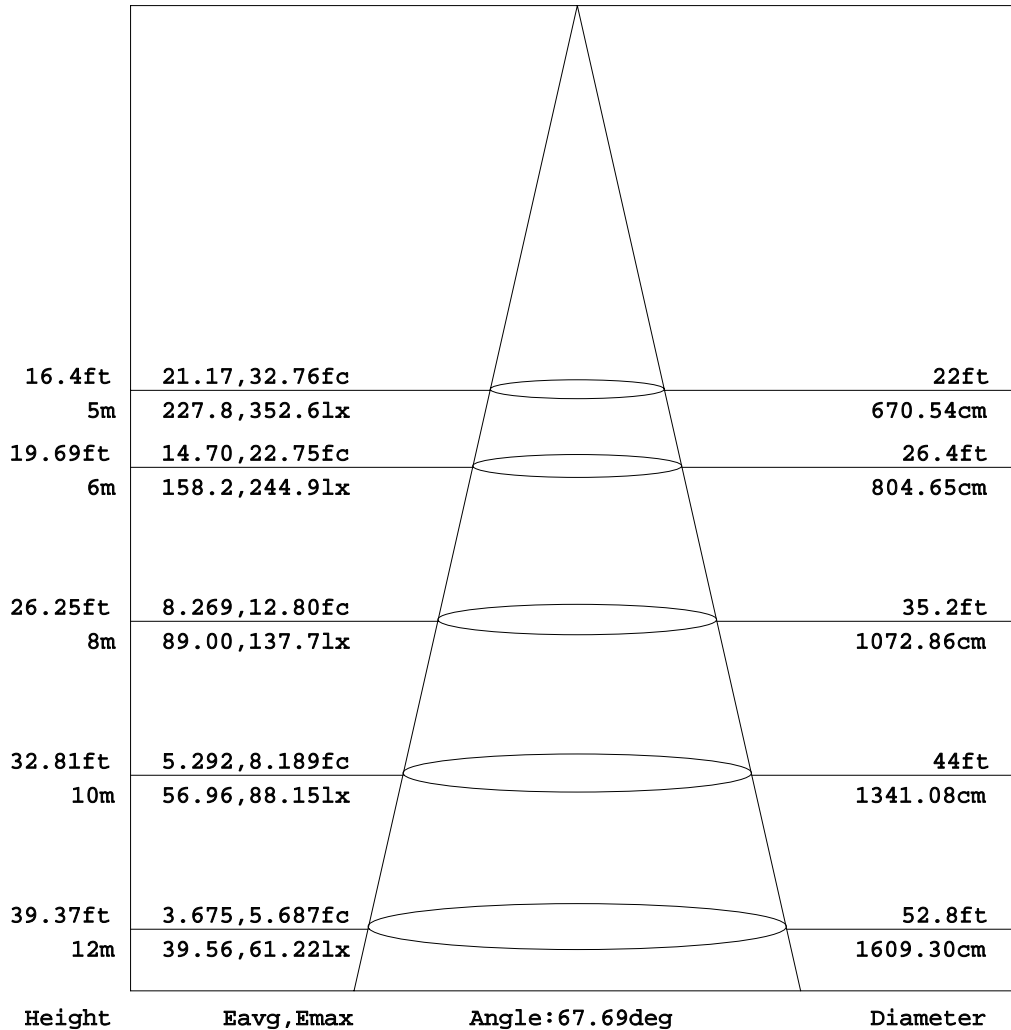
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.410m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Flux out:8142 lm



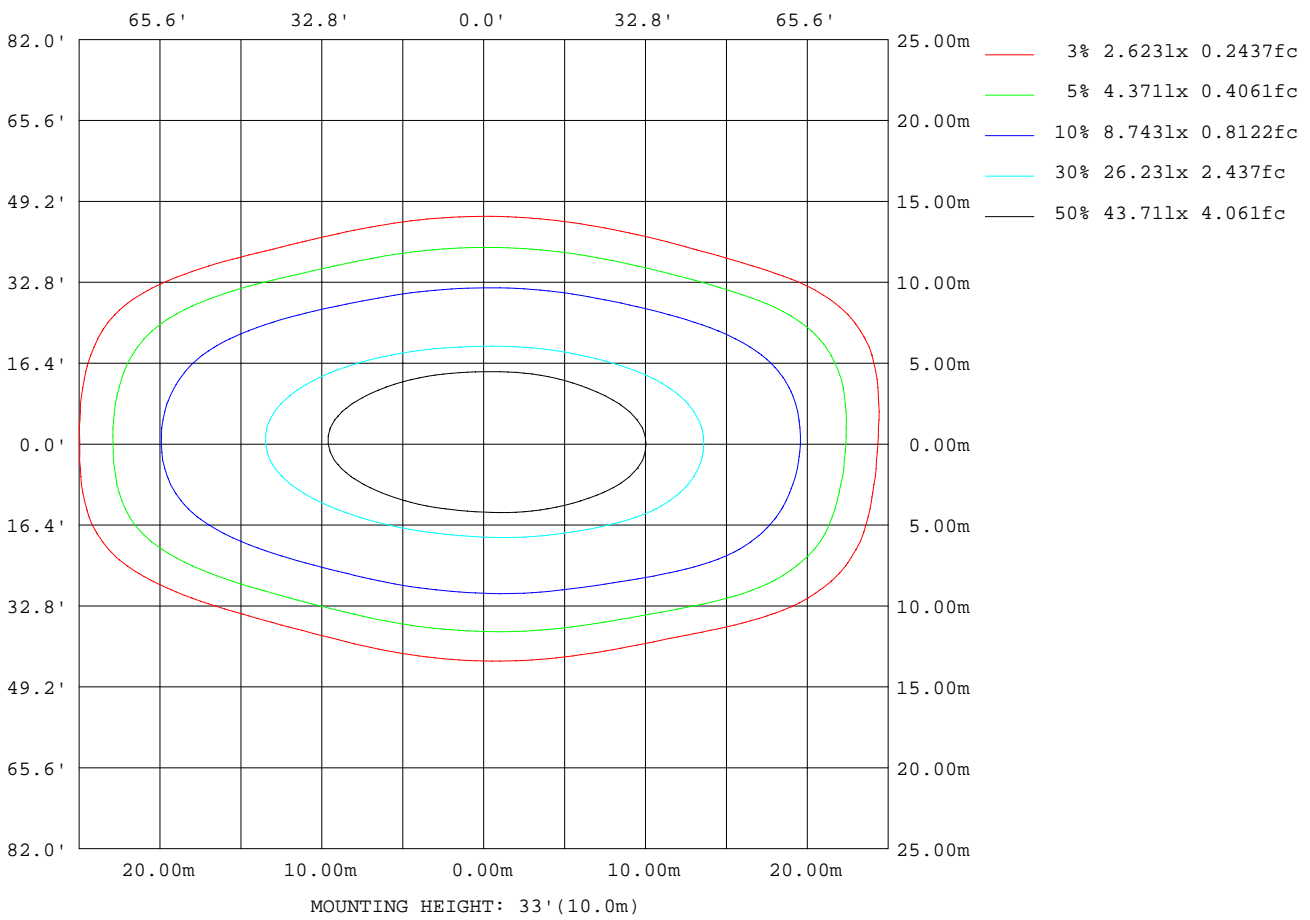
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

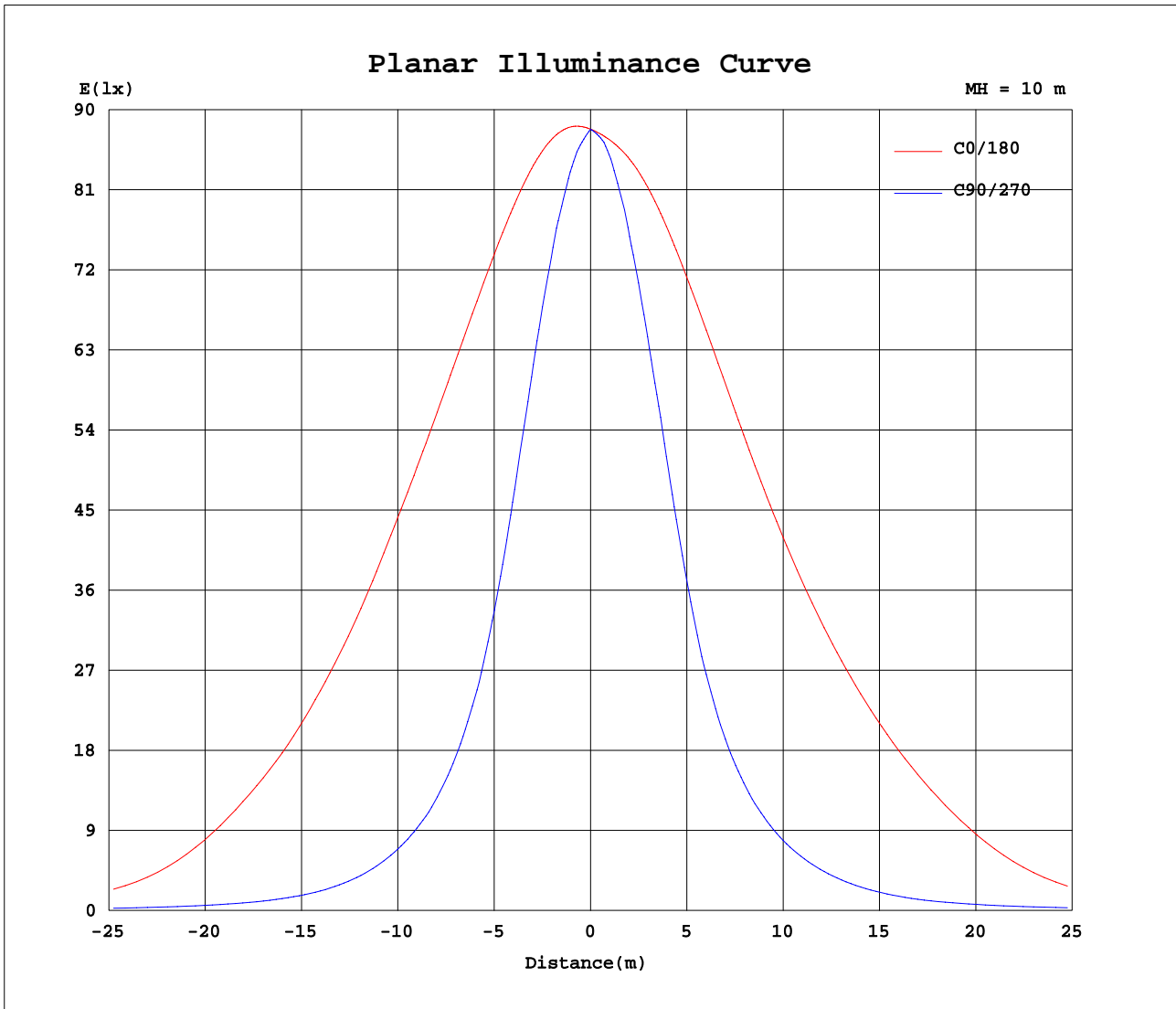
| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Table--1

UNIT: x10cd

| C(DEG) γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 |
| 5 | 891 | 889 | 887 | 885 | 882 | 880 | 877 | 875 | 872 | 870 | 867 | 865 | 862 | 860 | 857 | 855 | 854 | 853 | 852 |
| 10 | 913 | 909 | 904 | 899 | 894 | 887 | 880 | 872 | 863 | 854 | 845 | 837 | 830 | 823 | 817 | 812 | 808 | 805 | 803 |
| 15 | 941 | 934 | 927 | 919 | 906 | 893 | 877 | 861 | 845 | 827 | 810 | 793 | 778 | 765 | 753 | 742 | 734 | 728 | 725 |
| 20 | 975 | 965 | 955 | 940 | 918 | 895 | 871 | 841 | 813 | 786 | 758 | 731 | 706 | 684 | 665 | 649 | 637 | 628 | 623 |
| 25 | 1016 | 1004 | 989 | 963 | 931 | 894 | 854 | 812 | 769 | 727 | 688 | 649 | 614 | 583 | 558 | 537 | 521 | 511 | 505 |
| 30 | 1065 | 1051 | 1028 | 989 | 942 | 888 | 830 | 769 | 711 | 652 | 599 | 553 | 513 | 479 | 451 | 429 | 413 | 402 | 396 |
| 35 | 1124 | 1108 | 1072 | 1020 | 950 | 874 | 794 | 713 | 637 | 569 | 509 | 457 | 418 | 387 | 361 | 342 | 328 | 319 | 314 |
| 40 | 1188 | 1169 | 1119 | 1045 | 955 | 853 | 748 | 650 | 560 | 484 | 425 | 376 | 339 | 311 | 289 | 272 | 259 | 251 | 247 |
| 45 | 1249 | 1224 | 1163 | 1065 | 947 | 819 | 694 | 578 | 484 | 408 | 350 | 305 | 272 | 248 | 229 | 215 | 205 | 199 | 196 |
| 50 | 1279 | 1250 | 1172 | 1056 | 918 | 770 | 628 | 506 | 409 | 334 | 282 | 243 | 214 | 193 | 177 | 165 | 157 | 151 | 149 |
| 55 | 1256 | 1216 | 1134 | 1007 | 856 | 696 | 549 | 424 | 331 | 263 | 216 | 182 | 158 | 142 | 129 | 120 | 115 | 111 | 109 |
| 60 | 1124 | 1081 | 997 | 879 | 738 | 587 | 444 | 329 | 245 | 188 | 152 | 127 | 110 | 99.2 | 91.4 | 86.0 | 82.5 | 80.4 | 79.6 |
| 65 | 744 | 715 | 679 | 624 | 527 | 415 | 306 | 216 | 158 | 122 | 98.8 | 83.5 | 75.8 | 70.5 | 66.7 | 64.1 | 62.4 | 61.4 | 60.8 |
| 70 | 312 | 299 | 300 | 294 | 265 | 214 | 162 | 121 | 90.7 | 75.3 | 64.7 | 58.0 | 54.2 | 51.0 | 47.8 | 45.2 | 44.0 | 43.8 | 43.8 |
| 75 | 108 | 107 | 111 | 110 | 105 | 92.8 | 76.7 | 62.6 | 51.1 | 43.6 | 40.6 | 38.7 | 37.0 | 34.7 | 32.2 | 30.7 | 30.1 | 30.1 | 30.2 |
| 80 | 41.6 | 42.0 | 43.7 | 44.6 | 44.2 | 40.9 | 34.8 | 28.7 | 24.1 | 21.7 | 21.1 | 21.0 | 20.3 | 18.9 | 17.6 | 16.8 | 16.6 | 16.5 | 16.5 |
| 85 | 12.8 | 13.3 | 15.5 | 16.1 | 14.4 | 12.5 | 10.6 | 9.45 | 8.14 | 7.19 | 6.56 | 6.11 | 5.53 | 4.81 | 4.21 | 3.75 | 3.51 | 3.34 | 3.28 |
| 90 | 0.32 | 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:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Table--2

UNIT: x10cd

| C(DEG) γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 |
| 5 | 851 | 851 | 851 | 852 | 853 | 854 | 856 | 858 | 859 | 861 | 863 | 865 | 867 | 869 | 871 | 873 | 876 | 878 | 877 |
| 10 | 802 | 803 | 804 | 806 | 810 | 815 | 820 | 827 | 834 | 842 | 850 | 858 | 865 | 871 | 876 | 881 | 886 | 891 | 889 |
| 15 | 724 | 726 | 730 | 737 | 746 | 757 | 770 | 784 | 801 | 818 | 833 | 847 | 863 | 877 | 889 | 898 | 906 | 914 | 911 |
| 20 | 623 | 626 | 633 | 644 | 659 | 678 | 701 | 726 | 752 | 778 | 806 | 835 | 859 | 882 | 904 | 921 | 933 | 944 | 940 |
| 25 | 504 | 509 | 519 | 534 | 555 | 581 | 612 | 648 | 685 | 726 | 768 | 809 | 850 | 887 | 919 | 947 | 965 | 981 | 976 |
| 30 | 396 | 401 | 412 | 429 | 451 | 478 | 513 | 554 | 603 | 658 | 714 | 774 | 831 | 887 | 935 | 976 | 1005 | 1026 | 1020 |
| 35 | 314 | 318 | 327 | 342 | 362 | 387 | 418 | 463 | 515 | 576 | 647 | 724 | 802 | 878 | 951 | 1007 | 1050 | 1077 | 1070 |
| 40 | 247 | 251 | 260 | 273 | 290 | 312 | 343 | 382 | 430 | 494 | 571 | 661 | 760 | 860 | 955 | 1037 | 1097 | 1131 | 1123 |
| 45 | 196 | 199 | 206 | 216 | 231 | 250 | 276 | 311 | 356 | 417 | 492 | 590 | 704 | 829 | 952 | 1065 | 1142 | 1186 | 1173 |
| 50 | 149 | 152 | 158 | 167 | 180 | 196 | 219 | 249 | 288 | 344 | 418 | 516 | 640 | 783 | 934 | 1074 | 1178 | 1232 | 1216 |
| 55 | 110 | 112 | 115 | 122 | 132 | 145 | 163 | 189 | 224 | 274 | 342 | 437 | 564 | 719 | 893 | 1056 | 1180 | 1243 | 1220 |
| 60 | 79.7 | 80.9 | 83.3 | 87.3 | 93.1 | 101 | 114 | 132 | 159 | 200 | 260 | 346 | 466 | 621 | 799 | 969 | 1095 | 1156 | 1130 |
| 65 | 60.9 | 61.5 | 62.5 | 64.3 | 67.0 | 70.9 | 76.5 | 88.0 | 104 | 130 | 172 | 239 | 337 | 466 | 612 | 730 | 797 | 825 | 814 |
| 70 | 43.8 | 43.8 | 44.3 | 46.0 | 48.7 | 51.5 | 54.6 | 59.7 | 67.7 | 79.4 | 102 | 137 | 189 | 263 | 328 | 365 | 367 | 357 | 370 |
| 75 | 30.2 | 30.1 | 30.2 | 31.1 | 33.1 | 35.6 | 37.5 | 39.1 | 41.4 | 47.3 | 57.3 | 71.4 | 91.3 | 112 | 128 | 132 | 131 | 130 | 134 |
| 80 | 16.5 | 16.6 | 16.8 | 17.3 | 18.4 | 19.7 | 20.7 | 21.1 | 21.8 | 23.9 | 27.8 | 33.6 | 42.1 | 49.1 | 53.5 | 53.2 | 51.0 | 50.0 | 52.7 |
| 85 | 3.33 | 3.49 | 3.78 | 4.20 | 4.77 | 5.42 | 5.98 | 6.37 | 7.00 | 7.98 | 9.37 | 10.8 | 13.0 | 15.4 | 18.1 | 19.7 | 17.6 | 17.3 | 19.5 |
| 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 | 0.39 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Table--3

UNIT: x10cd

| C(DEG)\ γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 |
| 5 | 876 | 875 | 874 | 873 | 872 | 871 | 870 | 869 | 868 | 867 | 866 | 865 | 864 | 864 | 864 | 864 | 864 | 865 | 866 |
| 10 | 887 | 884 | 882 | 878 | 872 | 867 | 860 | 853 | 847 | 841 | 836 | 832 | 829 | 826 | 825 | 824 | 825 | 826 | 829 |
| 15 | 908 | 903 | 894 | 884 | 870 | 857 | 845 | 830 | 815 | 801 | 789 | 779 | 771 | 763 | 759 | 756 | 756 | 759 | 764 |
| 20 | 935 | 924 | 907 | 888 | 867 | 841 | 816 | 792 | 769 | 746 | 725 | 707 | 692 | 681 | 673 | 668 | 668 | 671 | 678 |
| 25 | 967 | 947 | 921 | 889 | 852 | 815 | 777 | 740 | 706 | 672 | 640 | 613 | 591 | 574 | 562 | 555 | 554 | 558 | 567 |
| 30 | 1004 | 973 | 933 | 884 | 832 | 777 | 726 | 671 | 623 | 579 | 541 | 510 | 484 | 464 | 450 | 442 | 440 | 444 | 454 |
| 35 | 1044 | 1002 | 939 | 871 | 799 | 725 | 654 | 590 | 532 | 482 | 444 | 413 | 388 | 370 | 358 | 352 | 350 | 354 | 362 |
| 40 | 1084 | 1020 | 938 | 846 | 750 | 659 | 575 | 503 | 445 | 397 | 361 | 334 | 313 | 298 | 287 | 281 | 279 | 282 | 290 |
| 45 | 1124 | 1033 | 924 | 805 | 690 | 583 | 495 | 422 | 368 | 325 | 294 | 270 | 252 | 238 | 229 | 224 | 223 | 225 | 231 |
| 50 | 1145 | 1031 | 893 | 751 | 619 | 506 | 418 | 349 | 300 | 263 | 235 | 215 | 199 | 188 | 181 | 176 | 175 | 177 | 182 |
| 55 | 1135 | 1000 | 838 | 679 | 539 | 428 | 343 | 280 | 236 | 204 | 181 | 164 | 151 | 142 | 136 | 133 | 132 | 133 | 136 |
| 60 | 1041 | 903 | 740 | 580 | 446 | 340 | 263 | 209 | 173 | 147 | 129 | 117 | 108 | 101 | 96.8 | 94.4 | 93.6 | 94.4 | 96.9 |
| 65 | 770 | 690 | 573 | 442 | 327 | 240 | 180 | 141 | 116 | 98.1 | 88.7 | 82.0 | 77.3 | 74.3 | 72.6 | 71.7 | 71.5 | 71.8 | 72.7 |
| 70 | 379 | 371 | 331 | 261 | 193 | 145 | 109 | 89.6 | 76.4 | 67.9 | 62.9 | 59.4 | 56.7 | 54.4 | 52.7 | 52.2 | 52.1 | 52.2 | 52.8 |
| 75 | 141 | 146 | 139 | 121 | 98.2 | 78.5 | 64.8 | 55.7 | 50.2 | 47.1 | 44.9 | 42.5 | 39.9 | 38.3 | 37.8 | 38.0 | 38.1 | 38.0 | 37.9 |
| 80 | 57.3 | 60.7 | 60.3 | 55.4 | 47.5 | 39.8 | 33.8 | 30.4 | 29.8 | 29.8 | 29.2 | 27.4 | 25.6 | 24.6 | 24.4 | 24.6 | 24.7 | 24.5 | 24.4 |
| 85 | 23.1 | 24.6 | 22.9 | 20.9 | 18.6 | 16.5 | 14.7 | 13.7 | 13.3 | 13.3 | 12.3 | 10.6 | 9.16 | 8.13 | 7.50 | 7.14 | 7.00 | 7.09 | 7.44 |
| 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 |
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C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm | | |
| NAME: LED LINEAR HIGH BAY | TYPE:YHL-AI2-150 | WEIGHT: |
| SPEC.:MEAN WELL | DIM.: 5000K | SERIAL No.:20170330 |
| MFR.: | SUR.:70Ra | PROTECTION ANGLE: |

Table--4

UNIT: x10cd

| C(DEG) \ γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | 878 | | | | |
| 5 | 867 | 869 | 871 | 873 | 875 | 877 | 879 | 880 | 882 | 884 | 885 | 887 | 888 | 889 | 890 | | | | |
| 10 | 832 | 836 | 842 | 848 | 854 | 861 | 869 | 877 | 885 | 891 | 897 | 902 | 905 | 908 | 911 | | | | |
| 15 | 771 | 781 | 791 | 803 | 816 | 831 | 848 | 864 | 877 | 891 | 906 | 917 | 927 | 932 | 937 | | | | |
| 20 | 688 | 702 | 719 | 739 | 761 | 786 | 811 | 836 | 862 | 888 | 910 | 931 | 949 | 962 | 969 | | | | |
| 25 | 581 | 600 | 624 | 653 | 686 | 722 | 757 | 796 | 835 | 873 | 910 | 944 | 972 | 995 | 1008 | | | | |
| 30 | 469 | 491 | 518 | 552 | 591 | 635 | 685 | 740 | 794 | 851 | 904 | 954 | 998 | 1034 | 1054 | | | | |
| 35 | 375 | 395 | 420 | 452 | 490 | 542 | 600 | 666 | 738 | 814 | 889 | 961 | 1026 | 1076 | 1109 | | | | |
| 40 | 302 | 319 | 340 | 368 | 405 | 453 | 510 | 584 | 669 | 763 | 863 | 960 | 1047 | 1120 | 1169 | | | | |
| 45 | 241 | 256 | 275 | 300 | 332 | 375 | 430 | 502 | 590 | 701 | 821 | 945 | 1062 | 1160 | 1223 | | | | |
| 50 | 190 | 202 | 218 | 239 | 268 | 306 | 355 | 424 | 512 | 626 | 763 | 909 | 1051 | 1170 | 1249 | | | | |
| 55 | 143 | 152 | 165 | 183 | 207 | 240 | 285 | 347 | 430 | 540 | 681 | 839 | 997 | 1131 | 1221 | | | | |
| 60 | 101 | 108 | 117 | 130 | 148 | 174 | 210 | 263 | 336 | 439 | 573 | 727 | 881 | 1008 | 1087 | | | | |
| 65 | 74.4 | 77.3 | 81.9 | 88.4 | 97.1 | 114 | 138 | 175 | 231 | 318 | 431 | 555 | 661 | 733 | 747 | | | | |
| 70 | 54.2 | 56.7 | 59.3 | 62.5 | 66.7 | 74.1 | 85.6 | 103 | 135 | 183 | 247 | 311 | 345 | 339 | 322 | | | | |
| 75 | 38.2 | 39.6 | 42.0 | 44.1 | 45.9 | 48.1 | 52.1 | 59.2 | 70.6 | 88.0 | 109 | 127 | 131 | 124 | 114 | | | | |
| 80 | 24.4 | 25.1 | 26.7 | 28.3 | 28.8 | 28.3 | 27.9 | 29.7 | 33.8 | 39.8 | 46.3 | 50.6 | 51.9 | 48.3 | 42.9 | | | | |
| 85 | 8.05 | 8.96 | 10.3 | 11.8 | 12.7 | 12.5 | 12.5 | 13.0 | 14.0 | 15.2 | 16.6 | 17.3 | 18.1 | 17.4 | 14.6 | | | | |
| 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: 25DEG
 Operators: CHEN YU
 Test Date: 2017-03-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.410m [K=1.0000]
 Remarks: