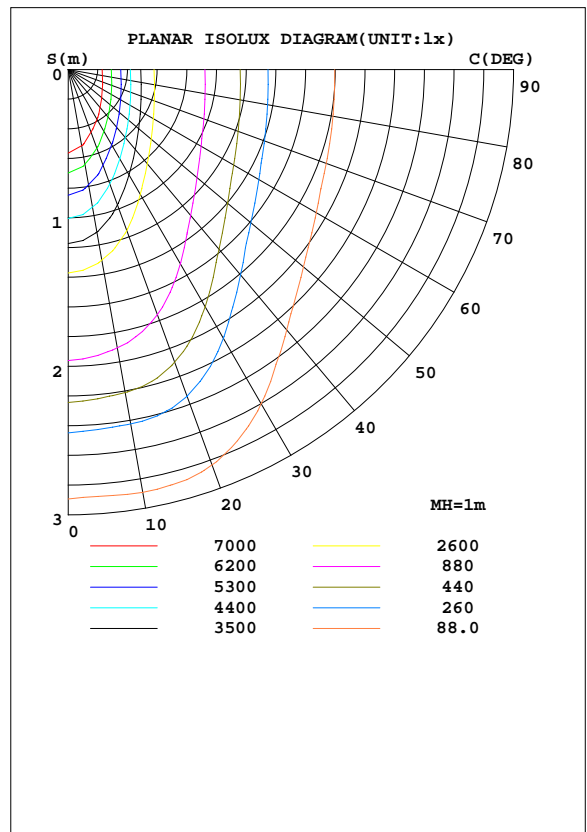
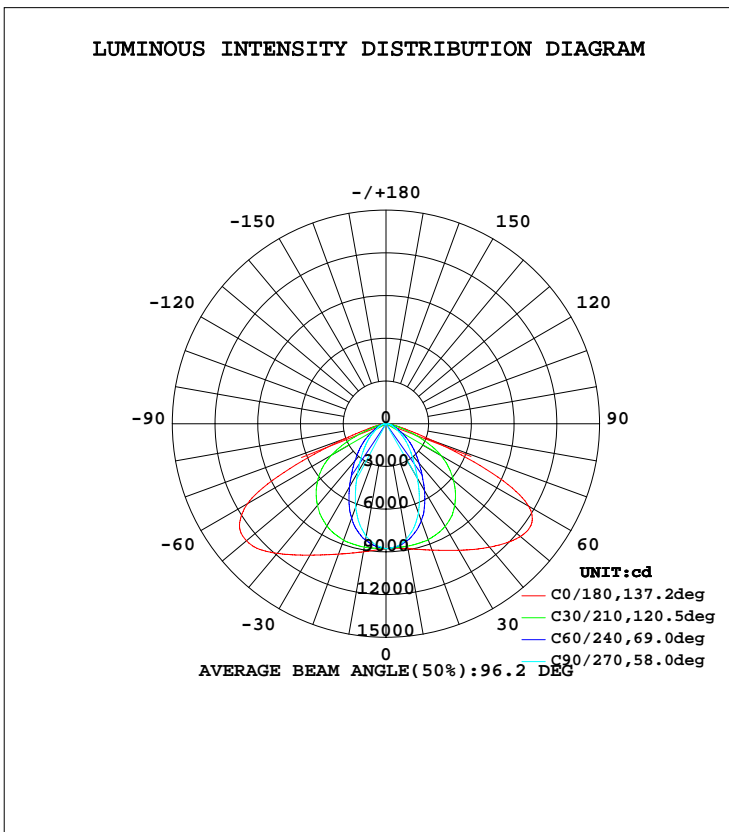


**LUMINAIRE PHOTOMETRIC TEST REPORT**

|   |                  |                     |
|---|------------------|---------------------|
| 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      |



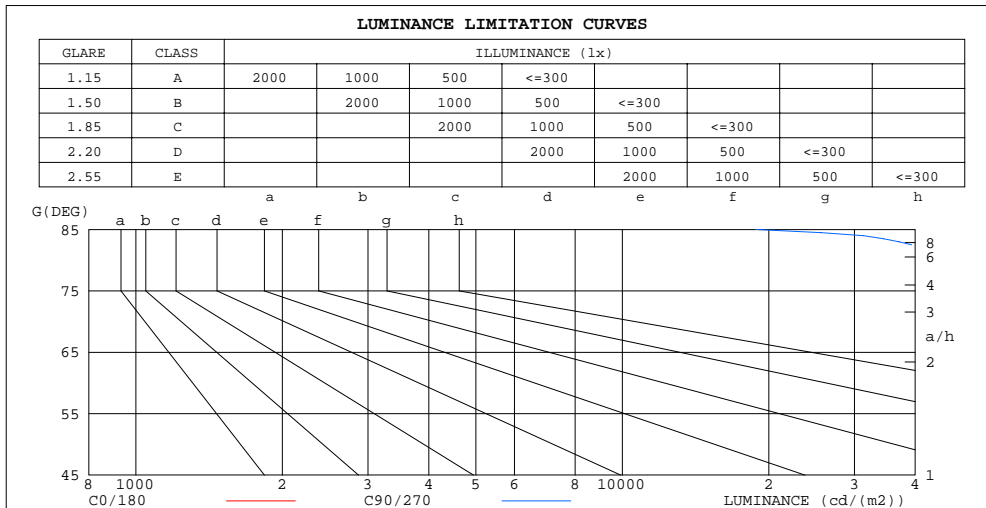
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:CHEN YU  
 Test Date:2017-03-30

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  |

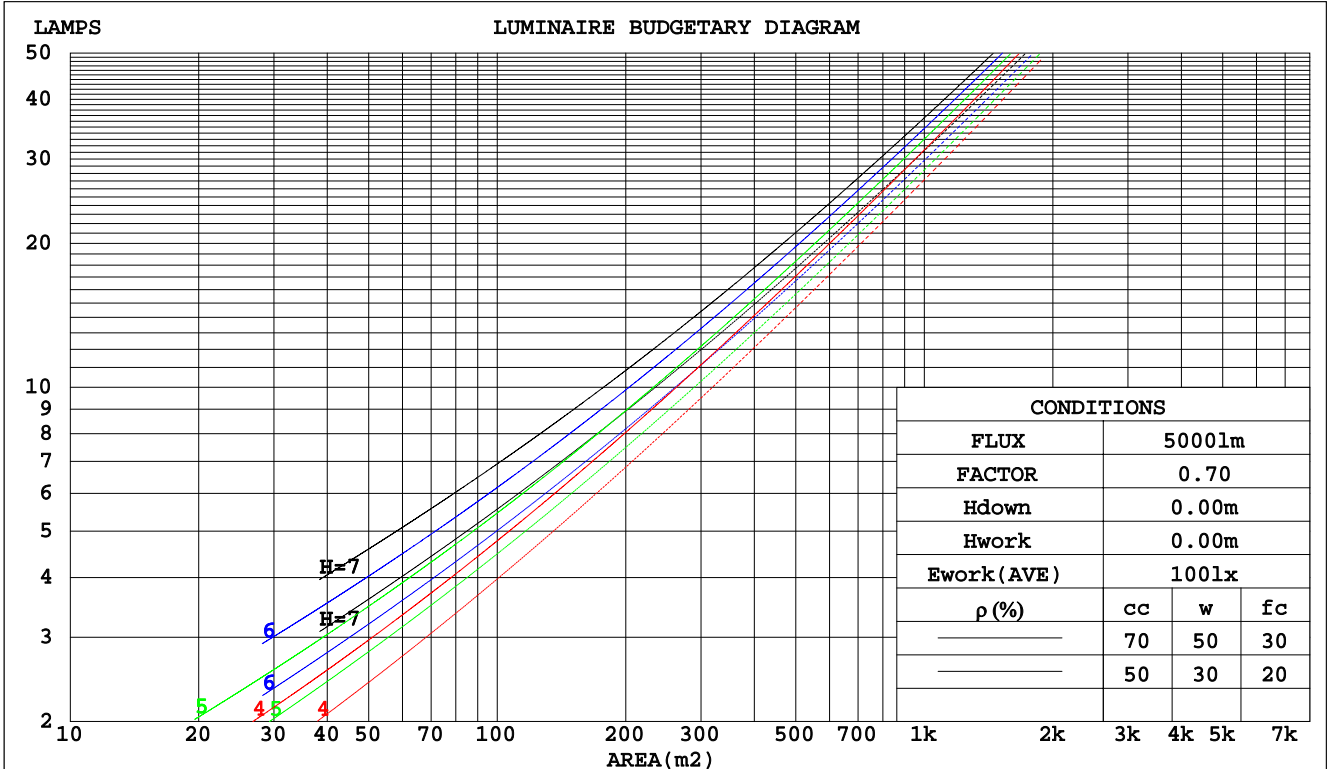
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:CHEN YU  
Test Date:2017-03-30

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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**

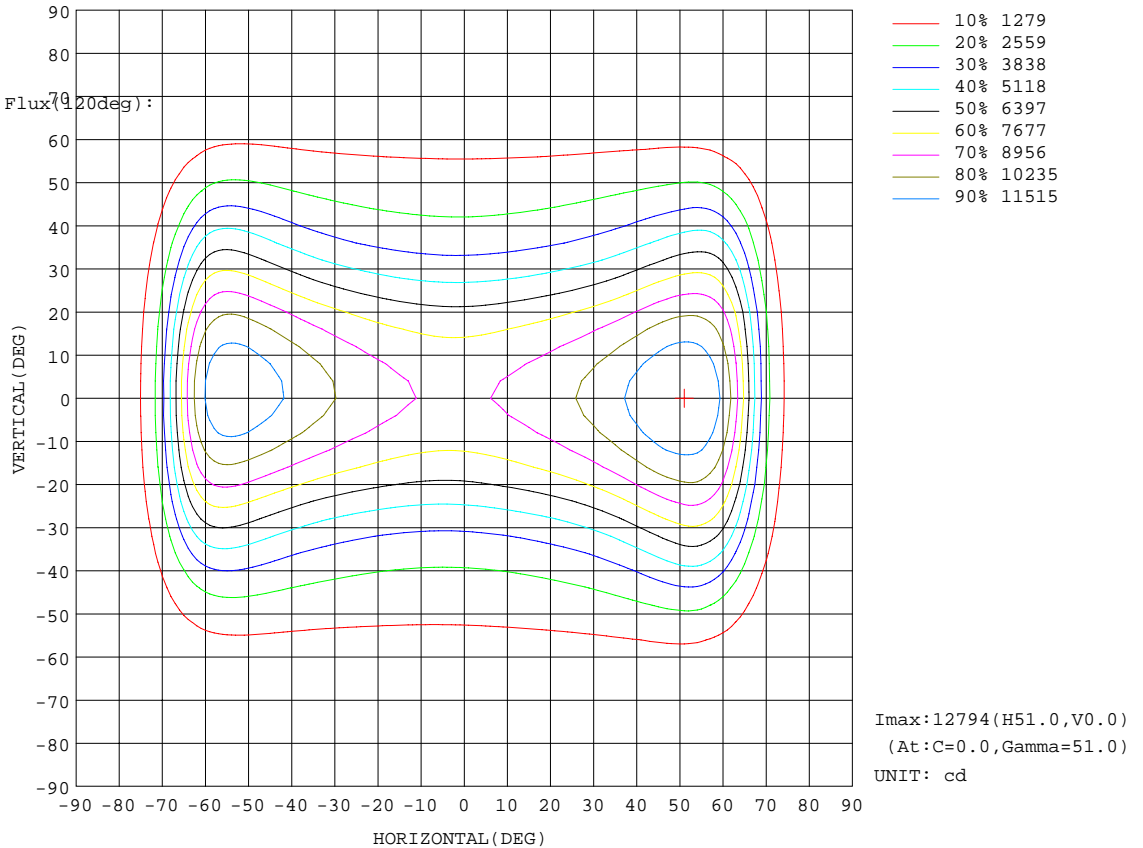
|   |                  |                     |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm |                  |                     |
| NAME: LED LINEAR HIGH BAY   | TYPE:YHL-AI2-150 | WEIGHT:             |
| SPEC.:MEAN WELL   | DIM.: 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%



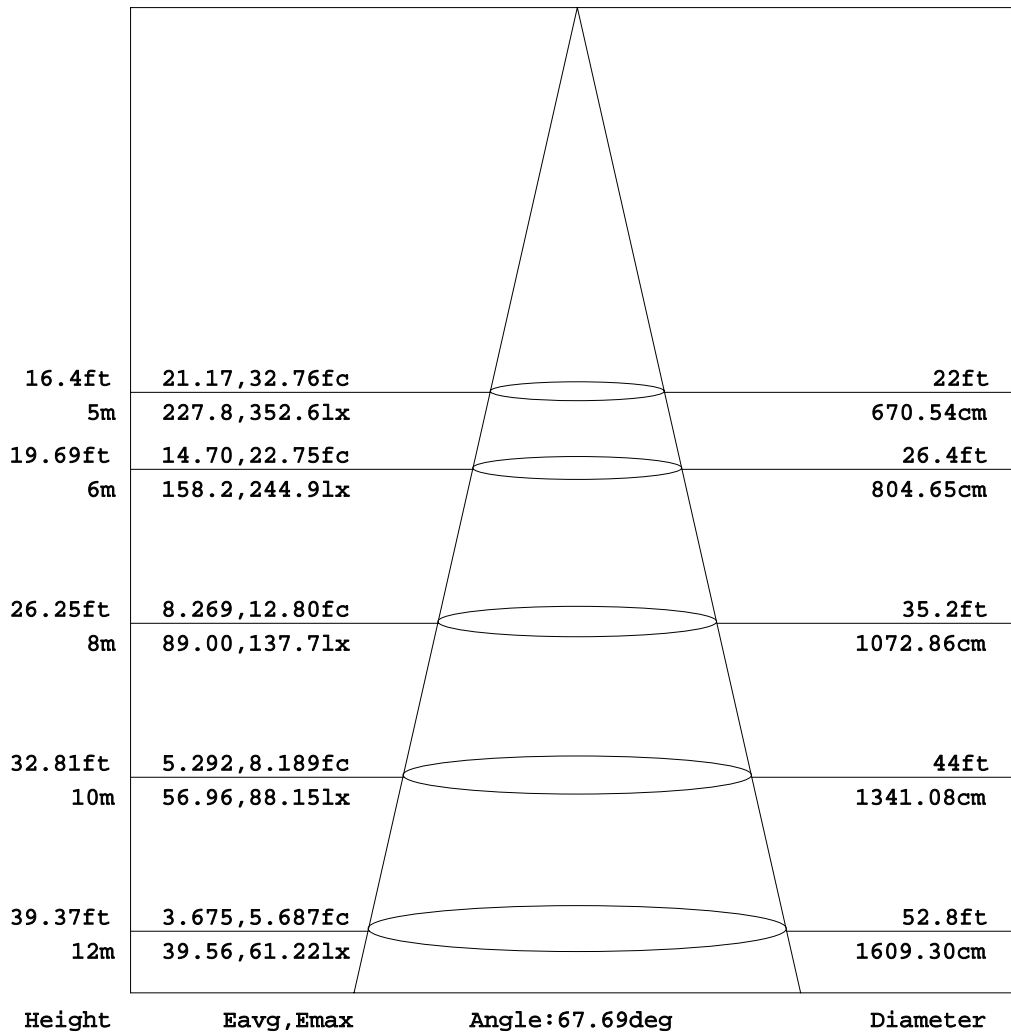
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: CHEN YU  
Test Date: 2017-03-30

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.

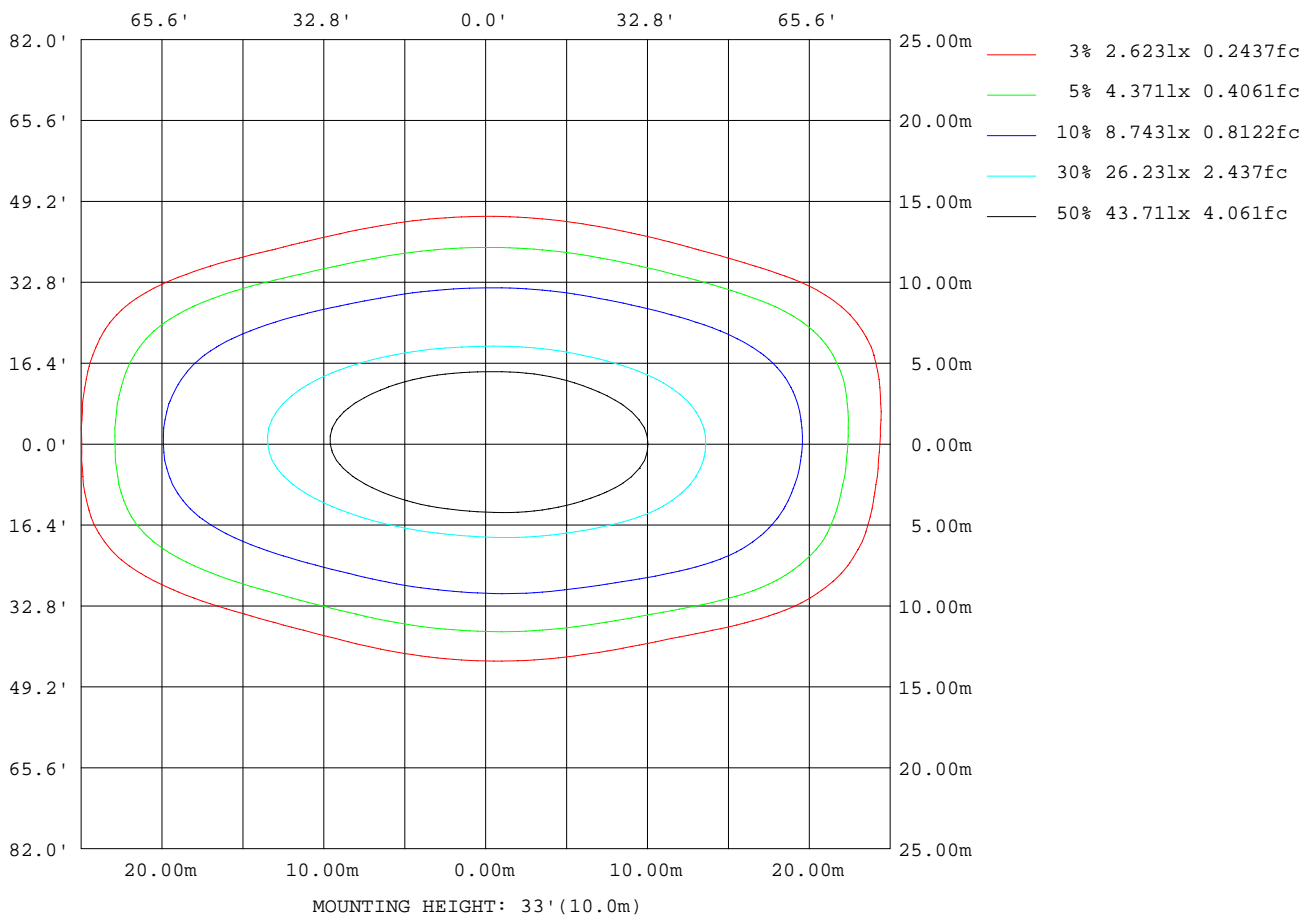
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:CHEN YU  
 Test Date:2017-03-30

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**

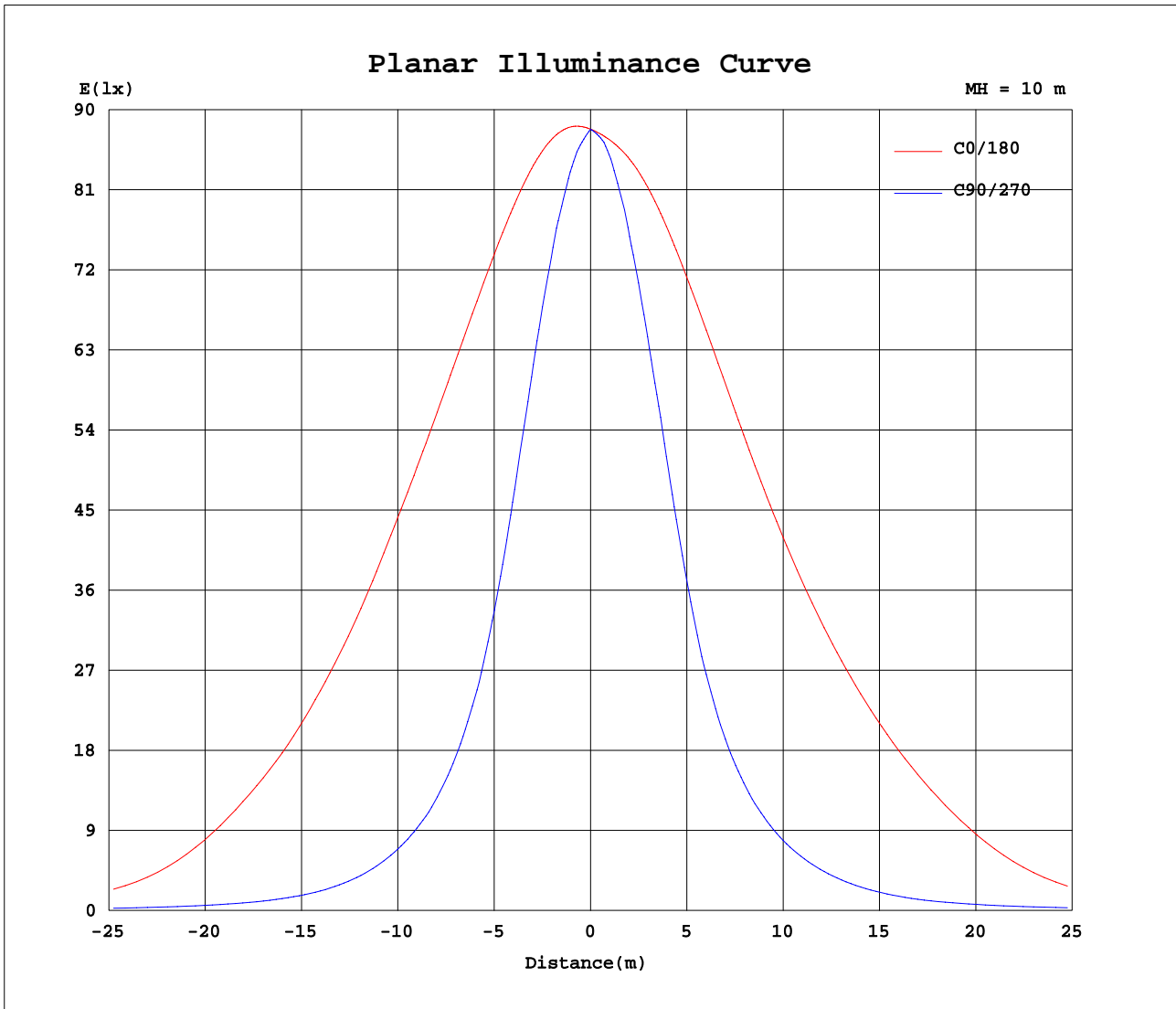
|   |                  |                     |
|---|------------------|---------------------|
| Test:U:220.9V I:0.7776A P:167.1W PF:0.9727 Lamp Flux:22513.5x1 lm |                  |                     |
| NAME: LED LINEAR HIGH BAY   | TYPE:YHL-AI2-150 | WEIGHT:             |
| SPEC.:MEAN WELL   | DIM.: 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)<br>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)<br>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 |

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)<br>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: