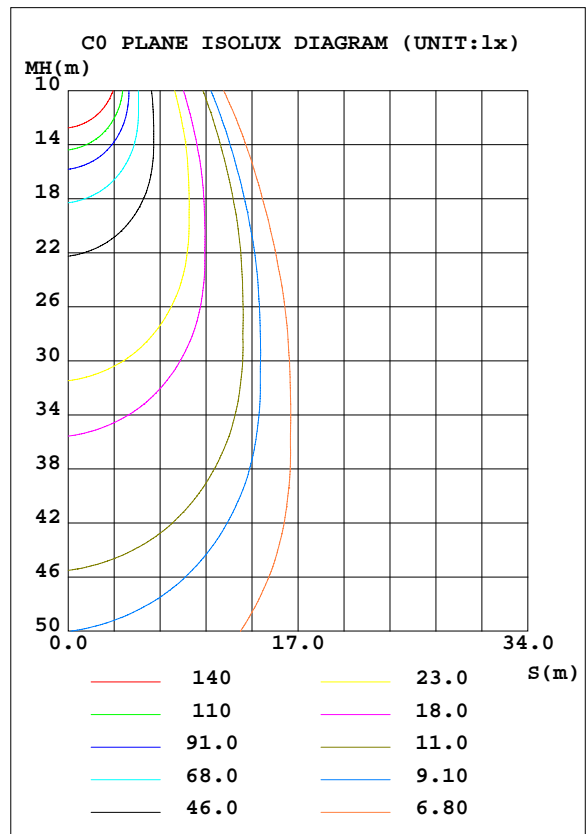
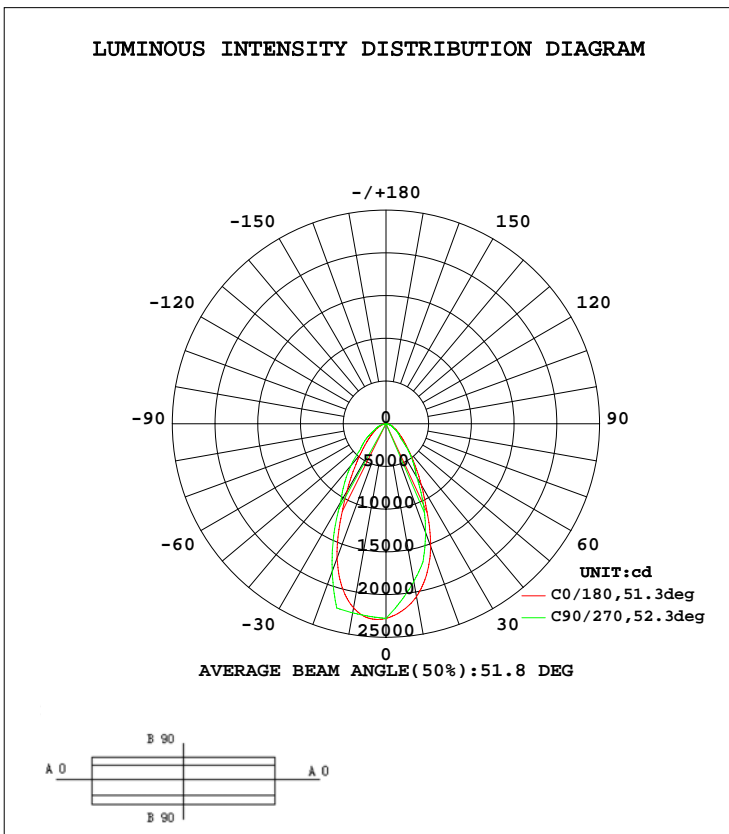


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 114.64 lm/W | | | |
|------------------|---------|-----------------------------------|--------|--------------------|-----------|
| MODEL | | I _{max} (cd) | 22932 | S/MH(C0/180) | 0.83 |
| NOMINAL POWER(W) | 200 | LOR(%) | 100.0 | S/MH(C90/270) | 0.90 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 22836 | η UP, DN(C0-180) | 0.0, 44.3 |
| NOMINAL FLUX(lm) | 22835.9 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0, 55.7 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 220.2 | η down(%) | 100.0 | CIBSE SHR MAX | 0.85 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum, lamp |
|-----|--------------------------|-------|-------|-------|--------|-------|-------|-------|---------|--------|---------|-----------|
| 5 | 2197 | 2091 | 2076 | 2146 | 2285 | 2280 | 2262 | 2215 | 0- 5 | 531.4 | 531.4 | 2.33,2.33 |
| 10 | 2055 | 1891 | 1875 | 1967 | 2187 | 2225 | 2247 | 2115 | 5- 10 | 1519 | 2051 | 8.98,8.98 |
| 15 | 1832 | 1672 | 1674 | 1751 | 1983 | 2099 | 2232 | 1966 | 10- 15 | 2343 | 4393 | 19.2,19.2 |
| 20 | 1528 | 1419 | 1354 | 1501 | 1676 | 1891 | 1841 | 1751 | 15- 20 | 2873 | 7267 | 31.8,31.8 |
| 25 | 1136 | 1068 | 1034 | 1155 | 1272 | 1469 | 1450 | 1339 | 20- 25 | 2939 | 10205 | 44.7,44.7 |
| 30 | 829.4 | 752.7 | 713.5 | 823.4 | 917.1 | 1069 | 1059 | 970.5 | 25- 30 | 2643 | 12848 | 56.3,56.3 |
| 35 | 592.2 | 518.5 | 557.8 | 563.2 | 657.5 | 771.1 | 848.0 | 703.0 | 30- 35 | 2223 | 15071 | 66,66 |
| 40 | 421.7 | 352.9 | 402.1 | 378.7 | 471.3 | 560.4 | 637.1 | 505.6 | 35- 40 | 1842 | 16914 | 74.1,74.1 |
| 45 | 307.0 | 267.2 | 246.3 | 284.5 | 343.7 | 422.8 | 426.3 | 375.8 | 40- 45 | 1478 | 18392 | 80.5,80.5 |
| 50 | 226.6 | 200.0 | 200.2 | 209.7 | 252.6 | 313.0 | 338.7 | 275.9 | 45- 50 | 1162 | 19553 | 85.6,85.6 |
| 55 | 169.7 | 147.4 | 154.0 | 151.4 | 186.2 | 227.5 | 251.2 | 199.7 | 50- 55 | 940.0 | 20493 | 89.7,89.7 |
| 60 | 127.4 | 116.8 | 107.8 | 118.4 | 137.7 | 173.5 | 163.6 | 153.3 | 55- 60 | 747.2 | 21240 | 93,93 |
| 65 | 94.77 | 89.04 | 85.76 | 88.60 | 101.3 | 126.5 | 127.7 | 113.1 | 60- 65 | 578.4 | 21819 | 95.5,95.5 |
| 70 | 69.08 | 65.50 | 63.68 | 64.16 | 73.06 | 89.68 | 91.83 | 81.17 | 65- 70 | 447.4 | 22266 | 97.5,97.5 |
| 75 | 47.36 | 45.34 | 41.61 | 44.59 | 49.91 | 61.57 | 55.95 | 55.81 | 70- 75 | 325.9 | 22592 | 98.9,98.9 |
| 80 | 28.25 | 22.84 | 0 | 22.57 | 30.21 | 30.90 | 0 | 28.11 | 75- 80 | 189.4 | 22781 | 99.8,99.8 |
| 85 | 4.054 | 0 | 0 | 0 | 6.661 | 0 | 0 | 0 | 80- 85 | 50.88 | 22832 | 100,100 |
| 90 | 0.1725 | 0 | 0 | 0 | 0.2429 | 0 | 0 | 0 | 85- 90 | 3.534 | 22836 | 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 | | | |

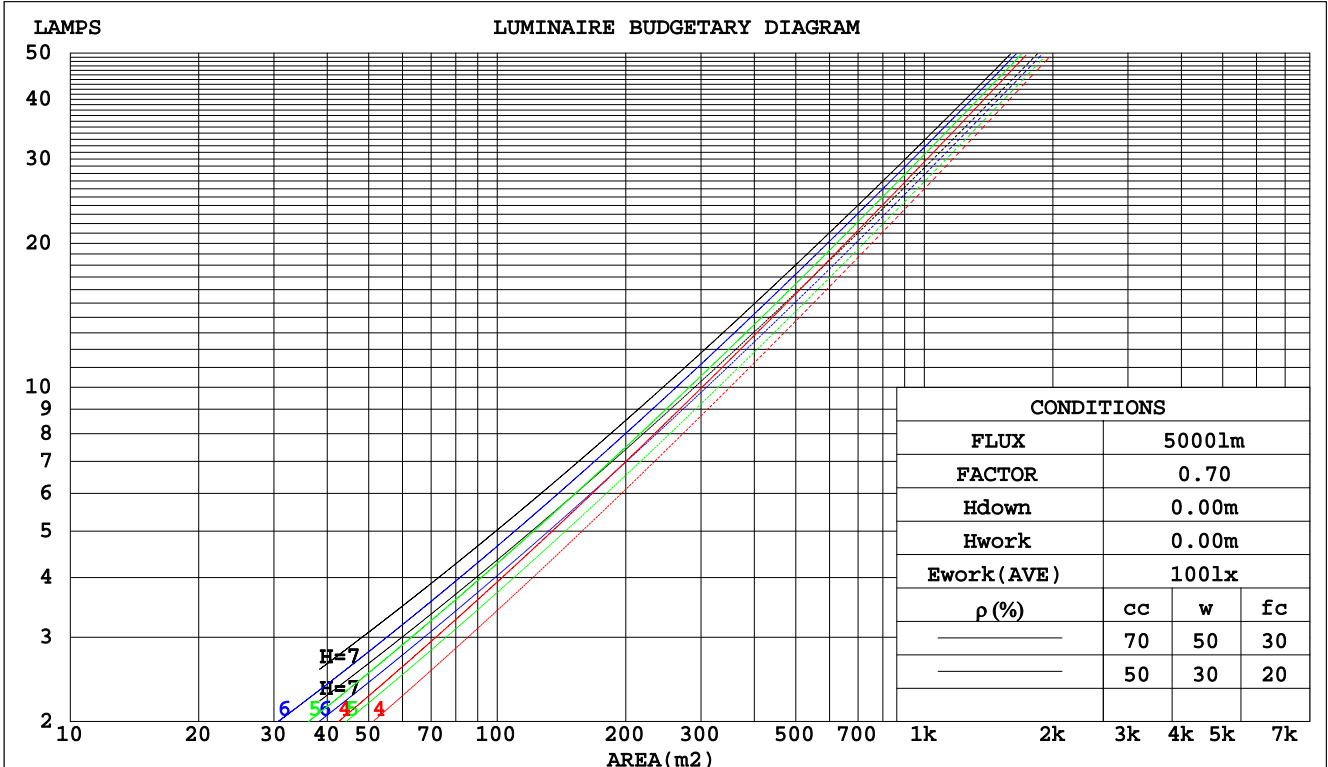
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | | | | | | | | | | | | | | | | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.09 | 1.06 | 1.03 | 1.06 | 1.04 | 1.01 | 1.02 | 1.00 | .98 | .99 | .97 | .95 | .95 | .94 | .92 | .90 |
| 2.0 | .99 | .94 | .90 | .97 | .93 | .89 | .94 | .90 | .87 | .91 | .88 | .85 | .88 | .85 | .83 | .81 |
| 3.0 | .91 | .85 | .80 | .89 | .84 | .79 | .86 | .82 | .78 | .84 | .80 | .77 | .81 | .78 | .75 | .74 |
| 4.0 | .83 | .77 | .72 | .82 | .76 | .71 | .80 | .75 | .70 | .78 | .73 | .69 | .76 | .72 | .69 | .67 |
| 5.0 | .77 | .70 | .65 | .76 | .69 | .65 | .74 | .68 | .64 | .72 | .67 | .63 | .71 | .66 | .63 | .61 |
| 6.0 | .71 | .64 | .59 | .71 | .64 | .59 | .69 | .63 | .59 | .67 | .62 | .58 | .66 | .61 | .58 | .56 |
| 7.0 | .67 | .60 | .55 | .66 | .59 | .55 | .64 | .59 | .54 | .63 | .58 | .54 | .62 | .57 | .54 | .52 |
| 8.0 | .62 | .55 | .51 | .62 | .55 | .51 | .60 | .55 | .50 | .59 | .54 | .50 | .58 | .53 | .50 | .48 |
| 9.0 | .58 | .52 | .47 | .58 | .51 | .47 | .57 | .51 | .47 | .56 | .51 | .47 | .55 | .50 | .47 | .45 |
| 10.0 | .55 | .48 | .44 | .54 | .48 | .44 | .54 | .48 | .44 | .53 | .48 | .44 | .52 | .47 | .44 | .42 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | .218 | .124 | .039 | .211 | .121 | .038 | .198 | .114 | .036 | .187 | .108 | .035 | .176 | .102 | .033 | |
| 2.0 | .210 | .115 | .035 | .204 | .112 | .035 | .193 | .107 | .033 | .183 | .103 | .032 | .173 | .098 | .031 | |
| 3.0 | .198 | .105 | .032 | .193 | .103 | .031 | .184 | .099 | .030 | .175 | .096 | .029 | .167 | .092 | .029 | |
| 4.0 | .186 | .097 | .028 | .182 | .095 | .028 | .174 | .092 | .028 | .166 | .089 | .027 | .159 | .086 | .026 | |
| 5.0 | .176 | .089 | .026 | .172 | .088 | .026 | .164 | .086 | .025 | .158 | .083 | .025 | .151 | .081 | .024 | |
| 6.0 | .165 | .083 | .024 | .162 | .082 | .024 | .156 | .080 | .023 | .150 | .078 | .023 | .144 | .076 | .023 | |
| 7.0 | .156 | .077 | .022 | .153 | .076 | .022 | .148 | .075 | .022 | .142 | .073 | .021 | .137 | .071 | .021 | |
| 8.0 | .148 | .072 | .020 | .145 | .072 | .020 | .140 | .070 | .020 | .136 | .069 | .020 | .131 | .067 | .020 | |
| 9.0 | .141 | .068 | .019 | .138 | .067 | .019 | .134 | .066 | .019 | .129 | .065 | .019 | .125 | .064 | .018 | |
| 10.0 | .134 | .064 | .018 | .131 | .064 | .018 | .127 | .062 | .018 | .123 | .061 | .017 | .120 | .060 | .017 | |

| 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 | .174 | .157 | .142 | .149 | .135 | .122 | .102 | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .161 | .132 | .108 | .138 | .114 | .093 | .095 | .079 | .065 | .055 | .046 | .038 | .018 | .015 | .012 | |
| 3.0 | .151 | .114 | .084 | .129 | .098 | .073 | .089 | .068 | .051 | .051 | .040 | .030 | .016 | .013 | .010 | |
| 4.0 | .141 | .100 | .068 | .121 | .086 | .059 | .083 | .060 | .041 | .048 | .035 | .024 | .016 | .011 | .008 | |
| 5.0 | .133 | .088 | .055 | .114 | .076 | .048 | .079 | .053 | .034 | .046 | .031 | .020 | .015 | .010 | .007 | |
| 6.0 | .126 | .079 | .046 | .108 | .069 | .040 | .075 | .048 | .028 | .043 | .028 | .017 | .014 | .009 | .006 | |
| 7.0 | .119 | .072 | .039 | .103 | .063 | .034 | .071 | .044 | .024 | .041 | .026 | .014 | .013 | .008 | .005 | |
| 8.0 | .113 | .066 | .033 | .098 | .057 | .029 | .068 | .040 | .021 | .039 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .108 | .061 | .029 | .093 | .053 | .025 | .064 | .037 | .018 | .038 | .022 | .011 | .012 | .007 | .004 | |
| 10.0 | .103 | .057 | .026 | .089 | .049 | .022 | .062 | .035 | .016 | .036 | .020 | .009 | .012 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | | | | | | | | | |
|-------------------------------------------------------------------|------------------|------|------|------|---------|----------------|------|-------------------|------|------|
| NAME: 高棚灯 | | | | | TYPE:室外 | | | WEIGHT:2 | | |
| SPEC.:200W | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | 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 | 21.9 | 23.1 | 22.2 | 23.3 | 23.4 | 21.6 | 22.7 | 21.9 | 22.9 | 23.1 |
| 3H | 22.8 | 23.8 | 23.1 | 24.0 | 24.3 | 22.4 | 23.5 | 22.7 | 23.7 | 23.9 |
| 4H | 23.1 | 24.1 | 23.4 | 24.4 | 24.6 | 22.8 | 23.8 | 23.0 | 24.0 | 24.2 |
| 6H | 23.4 | 24.3 | 23.7 | 24.6 | 24.8 | 22.8 | 23.7 | 23.1 | 23.9 | 24.2 |
| 8H | 23.5 | 24.4 | 23.8 | 24.6 | 24.9 | 22.7 | 23.6 | 23.0 | 23.9 | 24.1 |
| 12H | 23.4 | 24.3 | 23.8 | 24.6 | 24.9 | 22.7 | 23.5 | 23.0 | 23.8 | 24.1 |
| 4H 2H | 22.2 | 23.2 | 22.5 | 23.4 | 23.7 | 21.9 | 22.9 | 22.2 | 23.2 | 23.4 |
| 3H | 23.3 | 24.1 | 23.6 | 24.4 | 24.7 | 23.0 | 23.8 | 23.3 | 24.1 | 24.4 |
| 4H | 23.7 | 24.5 | 24.1 | 24.8 | 25.2 | 23.4 | 24.2 | 23.8 | 24.5 | 24.8 |
| 6H | 24.1 | 24.8 | 24.5 | 25.1 | 25.5 | 23.4 | 24.1 | 23.8 | 24.5 | 24.8 |
| 8H | 24.2 | 24.9 | 24.6 | 25.2 | 25.6 | 23.4 | 24.0 | 23.8 | 24.4 | 24.8 |
| 12H | 24.2 | 24.8 | 24.6 | 25.2 | 25.6 | 23.3 | 23.9 | 23.8 | 24.3 | 24.7 |
| 8H 4H | 23.9 | 24.5 | 24.3 | 24.9 | 25.3 | 23.6 | 24.2 | 24.0 | 24.6 | 24.9 |
| 6H | 24.4 | 24.9 | 24.8 | 25.3 | 25.7 | 23.6 | 24.2 | 24.1 | 24.6 | 25.0 |
| 8H | 24.5 | 25.0 | 25.0 | 25.4 | 25.9 | 23.6 | 24.1 | 24.0 | 24.5 | 24.9 |
| 12H | 24.6 | 25.0 | 25.1 | 25.4 | 25.9 | 23.5 | 23.9 | 24.0 | 24.4 | 24.9 |
| 12H 4H | 23.9 | 24.4 | 24.3 | 24.8 | 25.2 | 23.6 | 24.2 | 24.0 | 24.5 | 24.9 |
| 6H | 24.3 | 24.8 | 24.8 | 25.2 | 25.7 | 23.6 | 24.1 | 24.1 | 24.5 | 25.0 |
| 8H | 24.5 | 24.9 | 25.0 | 25.4 | 25.8 | 23.6 | 24.0 | 24.1 | 24.4 | 24.9 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.5 / - 0.5 | | | | | + 0.6 / - 0.7 | | | | |
| 1.5H | + 0.8 / - 0.3 | | | | | + 1.0 / - 0.4 | | | | |
| 2.0H | + 1.1 / - 0.6 | | | | | + 0.7 / - 0.7 | | | | |

CIE Pub.117 Corrected 22836 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.9)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | 75 | 67 | 62 | 75 | 67 | 62 | 74 | 66 | 62 | 57 |
| 0.80 | 84 | 76 | 71 | 83 | 76 | 71 | 82 | 75 | 70 | 65 |
| 1.00 | 90 | 83 | 78 | 89 | 82 | 77 | 88 | 83 | 77 | 72 |
| 1.25 | 96 | 89 | 84 | 95 | 88 | 83 | 92 | 87 | 83 | 77 |
| 1.50 | 99 | 93 | 88 | 98 | 92 | 88 | 95 | 90 | 87 | 81 |
| 2.00 | 104 | 98 | 94 | 102 | 97 | 93 | 99 | 95 | 91 | 85 |
| 2.50 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 97 | 94 | 87 |
| 3.00 | 108 | 104 | 100 | 107 | 102 | 99 | 103 | 100 | 97 | 90 |
| 4.00 | 111 | 107 | 104 | 109 | 106 | 103 | 105 | 102 | 100 | 93 |
| 5.00 | 113 | 110 | 107 | 111 | 108 | 105 | 106 | 104 | 102 | 94 |
| 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:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

Conical surface Flux(90deg):

18392 lm

%lum = 80.5%

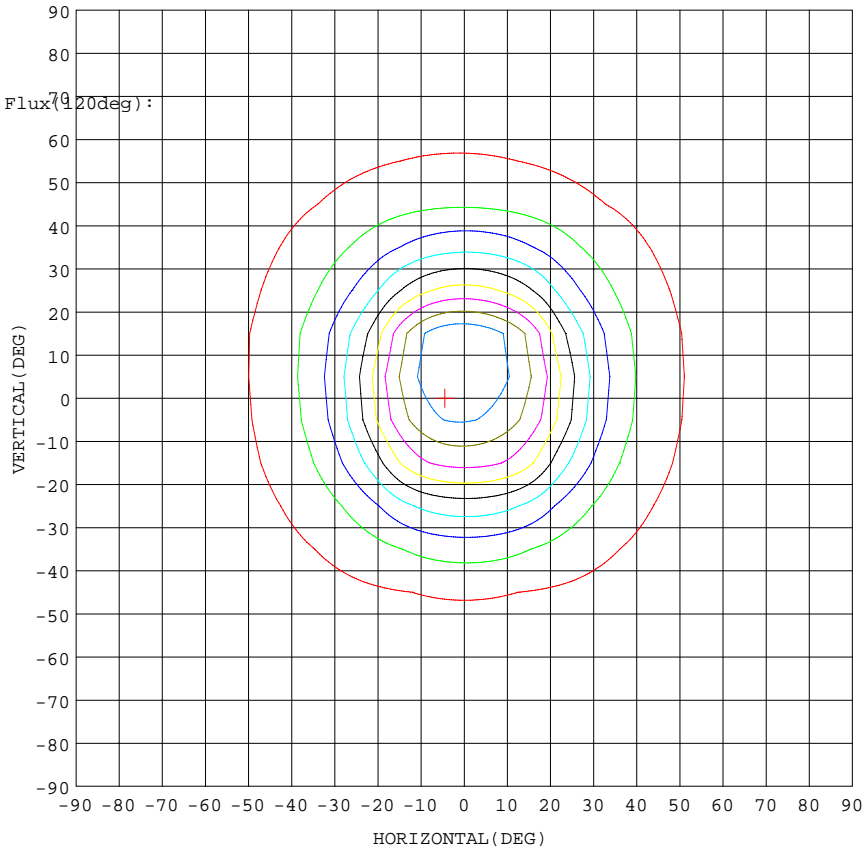
%lamp = 80.5%

Conical surface Flux(70deg):

21240 lm

%lum = 93.0%

%lamp = 93.0%



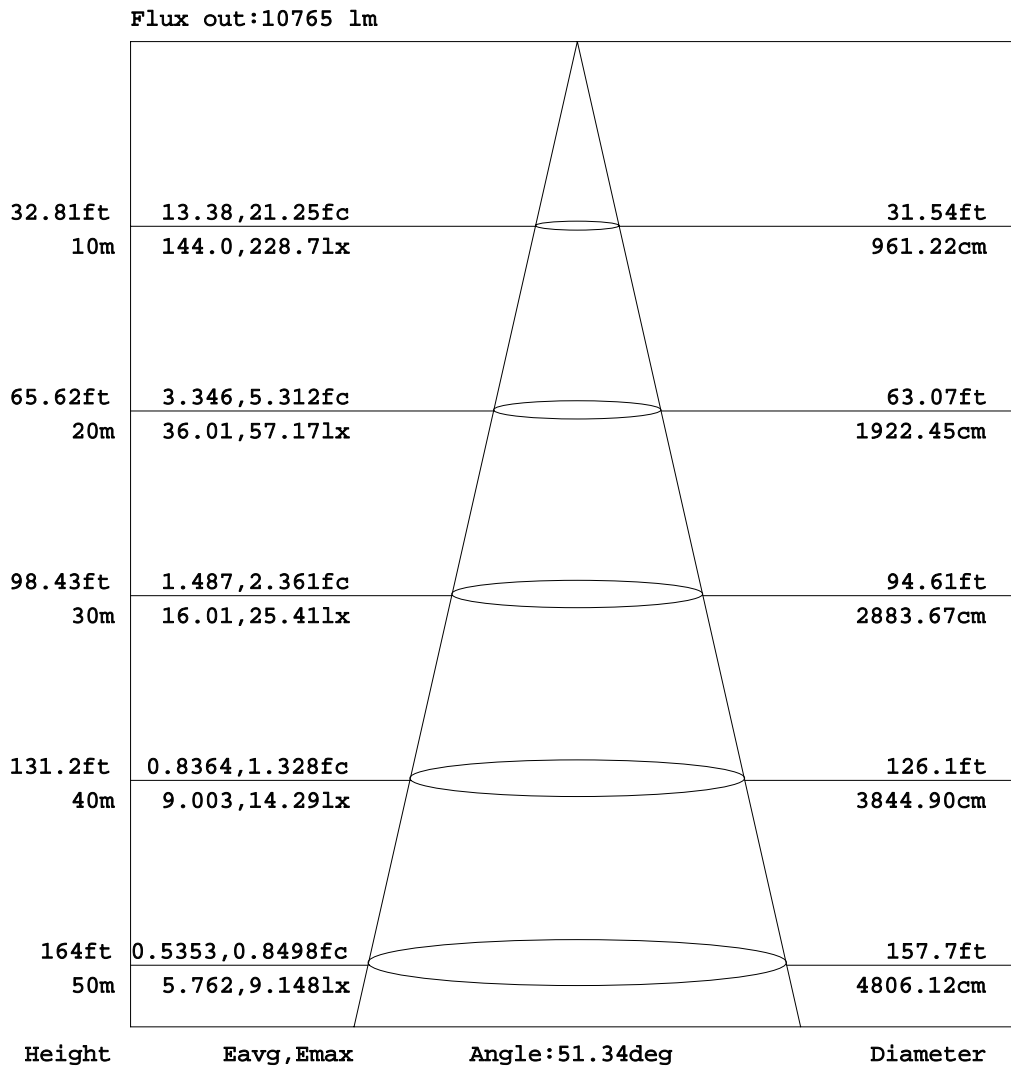
I_{max}: 22932 (H=4.5, V0.0)
 (At: C=180.0, Gamma=3.0)
 UNIT: cd

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



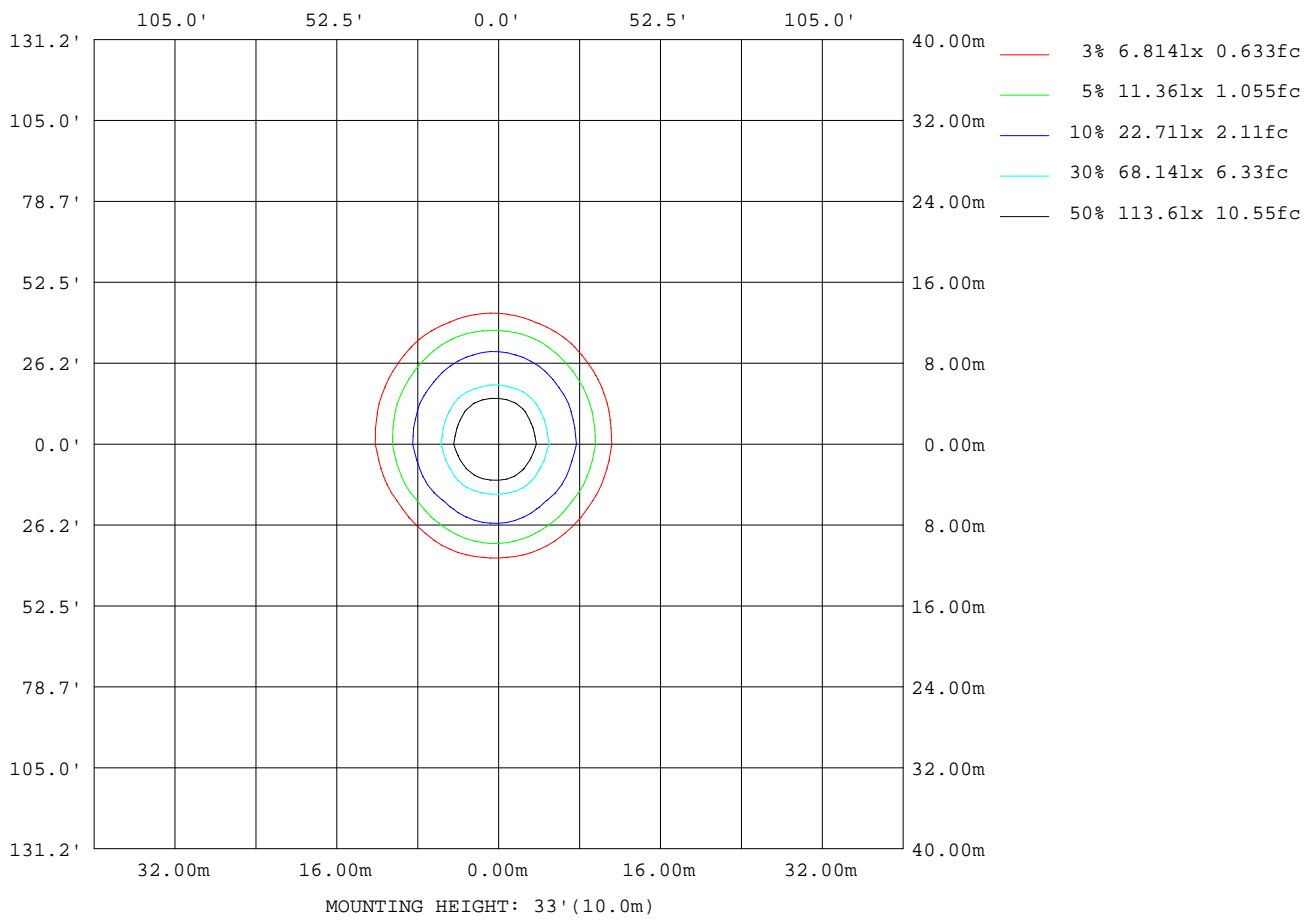
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

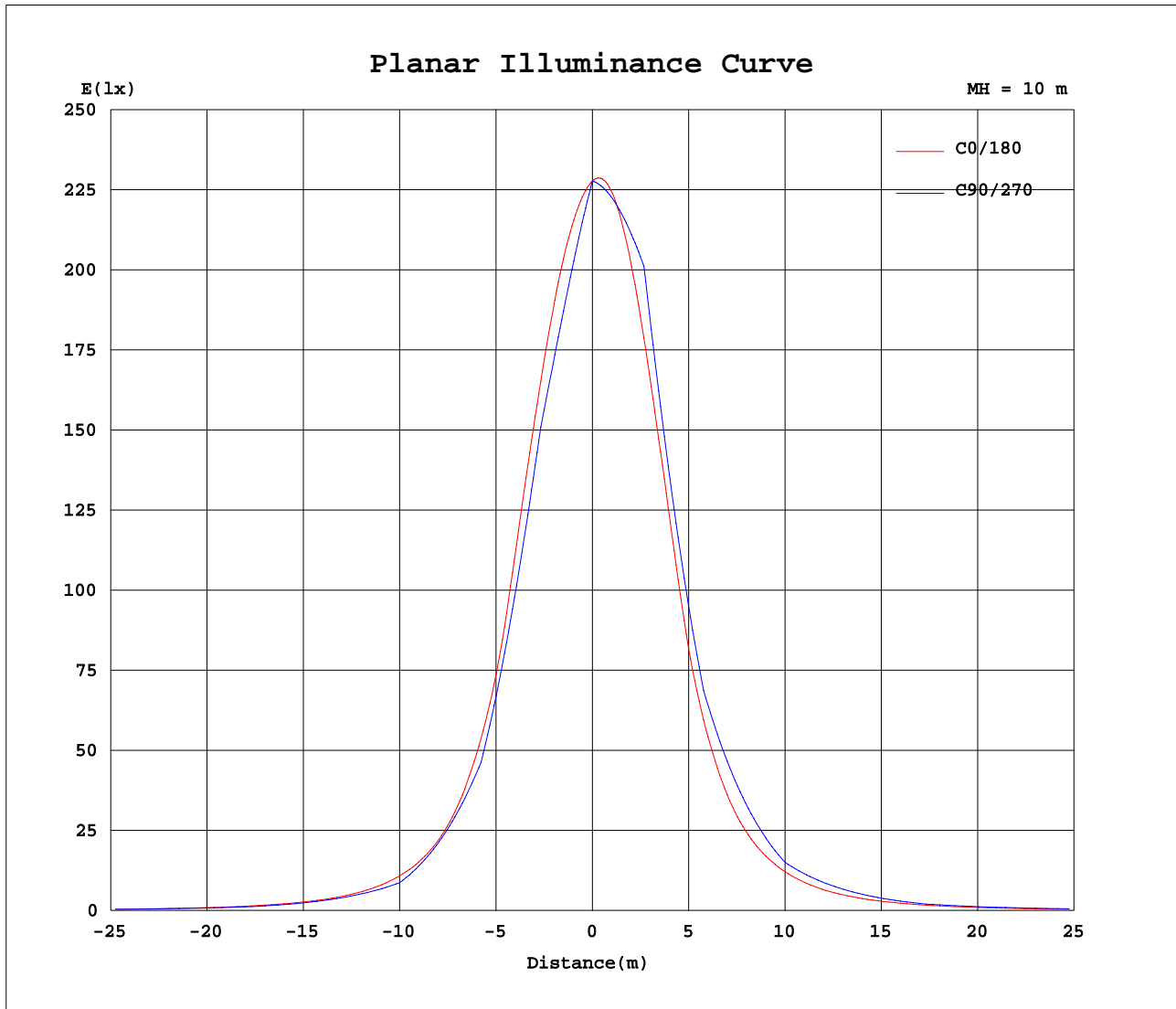
| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
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 Operators:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-------------------------------------------------------------------|---------|-------------------|
| Test:U:220.1V I:0.9270A P:199.2W PF:0.9760 Lamp Flux:22835.9x1 lm | | |
| NAME: 高棚灯 | TYPE:室外 | WEIGHT:2 |
| SPEC.:200W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | 2277 | | | | |
| 5 | 2248 | 2242 | 2237 | 2231 | 2225 | 2220 | 2215 | 2210 | 2206 | 2202 | 2199 | 2197 | 2196 | 2195 | 2196 | | | | |
| 10 | 2213 | 2198 | 2182 | 2166 | 2148 | 2131 | 2115 | 2100 | 2086 | 2074 | 2064 | 2056 | 2052 | 2050 | 2051 | | | | |
| 15 | 2172 | 2143 | 2110 | 2076 | 2041 | 2003 | 1966 | 1930 | 1899 | 1871 | 1848 | 1831 | 1821 | 1818 | 1822 | | | | |
| 20 | 1816 | 1810 | 1807 | 1803 | 1797 | 1790 | 1751 | 1683 | 1621 | 1570 | 1531 | 1506 | 1493 | 1492 | 1504 | | | | |
| 25 | 1431 | 1428 | 1422 | 1413 | 1398 | 1373 | 1339 | 1301 | 1267 | 1212 | 1171 | 1143 | 1123 | 1114 | 1118 | | | | |
| 30 | 1057 | 1059 | 1058 | 1051 | 1033 | 1004 | 970 | 942 | 922 | 910 | 885 | 852 | 827 | 815 | 816 | | | | |
| 35 | 821 | 804 | 785 | 760 | 735 | 720 | 703 | 687 | 672 | 657 | 647 | 626 | 600 | 586 | 583 | | | | |
| 40 | 617 | 606 | 592 | 574 | 552 | 528 | 506 | 493 | 482 | 469 | 459 | 452 | 435 | 422 | 417 | | | | |
| 45 | 421 | 420 | 417 | 411 | 402 | 389 | 376 | 363 | 351 | 342 | 334 | 328 | 323 | 310 | 305 | | | | |
| 50 | 317 | 307 | 295 | 284 | 279 | 279 | 276 | 269 | 262 | 256 | 248 | 242 | 238 | 231 | 226 | | | | |
| 55 | 239 | 233 | 227 | 220 | 213 | 206 | 200 | 199 | 196 | 192 | 187 | 182 | 177 | 175 | 169 | | | | |
| 60 | 163 | 163 | 163 | 162 | 160 | 157 | 153 | 149 | 145 | 143 | 140 | 138 | 133 | 131 | 127 | | | | |
| 65 | 122 | 120 | 118 | 115 | 113 | 113 | 113 | 112 | 109 | 106 | 104 | 102 | 99.9 | 96.7 | 94.9 | | | | |
| 70 | 88.8 | 87.8 | 86.8 | 85.6 | 84.3 | 82.8 | 81.2 | 79.5 | 78.9 | 77.5 | 75.6 | 73.8 | 72.1 | 70.6 | 69.4 | | | | |
| 75 | 56.0 | 56.3 | 56.6 | 56.7 | 56.7 | 56.4 | 55.8 | 55.0 | 54.1 | 52.8 | 51.7 | 50.4 | 49.4 | 48.6 | 47.3 | | | | |
| 80 | 3.64 | 6.36 | 9.76 | 13.7 | 18.2 | 23.1 | 28.1 | 32.1 | 32.1 | 31.6 | 31.0 | 30.4 | 29.5 | 28.9 | 28.4 | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 11.2 | 11.6 | 10.7 | 8.79 | | | |
| 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:
 Test Date:2016-02-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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 Humidity:65.0%
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