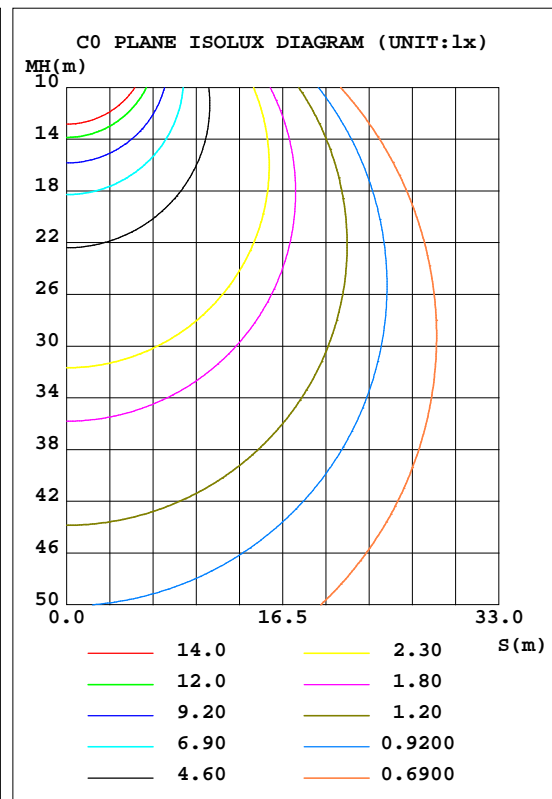
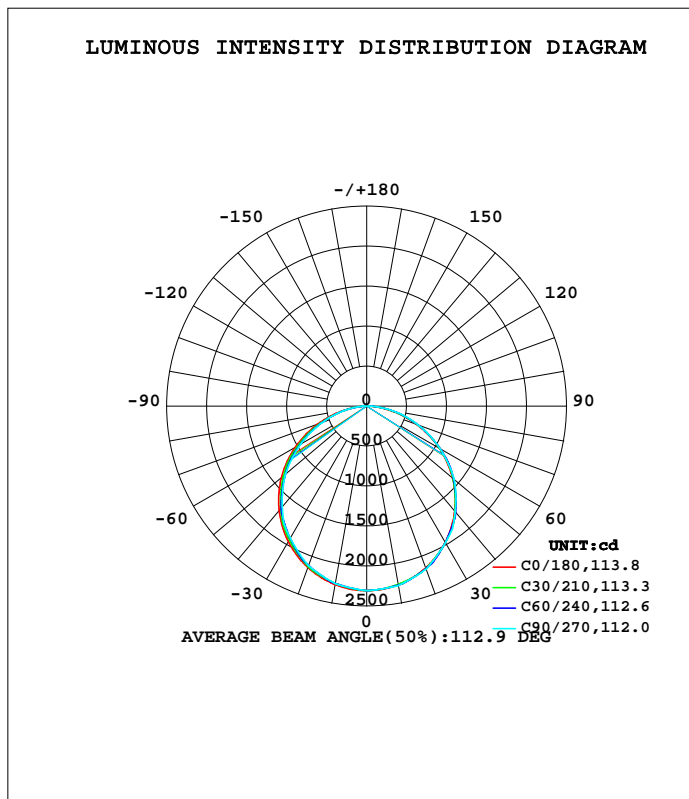


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 81.27 lm/W | | | |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL | 795543 | I _{max} (cd) | 2308 | S/MH(C0/180) | 1.27 |
| NOMINAL POWER(W) | 80 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 6620.5 | η UP, DN(C0-180) | 0.0,48.8 |
| NOMINAL FLUX(lm) | 6620.53 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0,51.2 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 219.5 | η down(%) | 100.0 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [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 | 2297 | 2284 | 2282 | 2285 | 2299 | 2293 | 2293 | 2292 | 0- 5 | 54.91 | 54.91 | 0.83,0.83 |
| 10 | 2267 | 2251 | 2256 | 2252 | 2269 | 2268 | 2279 | 2267 | 5- 10 | 162.8 | 217.7 | 3.29,3.29 |
| 15 | 2217 | 2203 | 2191 | 2204 | 2221 | 2228 | 2225 | 2227 | 10- 15 | 265.4 | 483.1 | 7.3,7.3 |
| 20 | 2149 | 2124 | 2126 | 2126 | 2154 | 2158 | 2171 | 2156 | 15- 20 | 358.9 | 842.0 | 12.7,12.7 |
| 25 | 2062 | 2037 | 2018 | 2040 | 2068 | 2080 | 2071 | 2076 | 20- 25 | 440.5 | 1283 | 19.4,19.4 |
| 30 | 1959 | 1926 | 1910 | 1930 | 1966 | 1975 | 1971 | 1971 | 25- 30 | 506.5 | 1789 | 27,27 |
| 35 | 1839 | 1796 | 1802 | 1800 | 1847 | 1850 | 1871 | 1845 | 30- 35 | 556.5 | 2346 | 35.4,35.4 |
| 40 | 1704 | 1661 | 1644 | 1665 | 1713 | 1720 | 1724 | 1716 | 35- 40 | 588.5 | 2934 | 44.3,44.3 |
| 45 | 1555 | 1523 | 1486 | 1526 | 1565 | 1585 | 1577 | 1581 | 40- 45 | 599.4 | 3533 | 53.4,53.4 |
| 50 | 1392 | 1343 | 1328 | 1347 | 1403 | 1413 | 1431 | 1408 | 45- 50 | 590.9 | 4124 | 62.3,62.3 |
| 55 | 1218 | 1163 | 1140 | 1168 | 1229 | 1241 | 1243 | 1235 | 50- 55 | 562.8 | 4687 | 70.8,70.8 |
| 60 | 1032 | 982.3 | 952.2 | 988.6 | 1045 | 1067 | 1056 | 1059 | 55- 60 | 514.2 | 5201 | 78.6,78.6 |
| 65 | 838.7 | 786.2 | 764.2 | 791.6 | 852.6 | 866.6 | 868.1 | 859.2 | 60- 65 | 448.8 | 5650 | 85.3,85.3 |
| 70 | 642.4 | 594.9 | 576.3 | 599.5 | 656.1 | 671.5 | 680.6 | 664.7 | 65- 70 | 370.0 | 6020 | 90.9,90.9 |
| 75 | 450.7 | 408.7 | 406.3 | 412.1 | 463.4 | 481.6 | 497.3 | 475.5 | 70- 75 | 282.4 | 6303 | 95.2,95.2 |
| 80 | 260.8 | 245.5 | 236.3 | 247.9 | 269.4 | 306.1 | 314.0 | 299.7 | 75- 80 | 191.5 | 6494 | 98.1,98.1 |
| 85 | 82.79 | 87.81 | 66.25 | 89.25 | 86.53 | 135.8 | 130.7 | 129.0 | 80- 85 | 101.0 | 6595 | 99.6,99.6 |
| 90 | 1.565 | 0.0001 | 0 | 0.0001 | 2.494 | 0.0001 | 0 | 0.0001 | 85- 90 | 25.38 | 6621 | 100,100 |
| 95 | | | | | | | | | 90- 95 | | | |
| 100 | | | | | | | | | 95-100 | | | |
| 105 | | | | | | | | | 100-105 | | | |
| 110 | | | | | | | | | 105-110 | | | |
| 115 | | | | | | | | | 110-115 | | | |
| 120 | | | | | | | | | 115-120 | | | |
| 125 | | | | | | | | | 120-125 | | | |
| 130 | | | | | | | | | 125-130 | | | |
| 135 | | | | | | | | | 130-135 | | | |
| 140 | | | | | | | | | 135-140 | | | |
| 145 | | | | | | | | | 140-145 | | | |
| 150 | | | | | | | | | 145-150 | | | |
| 155 | | | | | | | | | 150-155 | | | |
| 160 | | | | | | | | | 155-160 | | | |
| 165 | | | | | | | | | 160-165 | | | |
| 170 | | | | | | | | | 165-170 | | | |
| 175 | | | | | | | | | 170-175 | | | |
| 180 | | | | | | | | | 175-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | UNIT:lm | | | |

Conical surface Flux(90deg): 3533.5 lm

%lum = 53.4%
%lamp = 53.4%

Conical surface Flux(120deg): 5201.4 lm

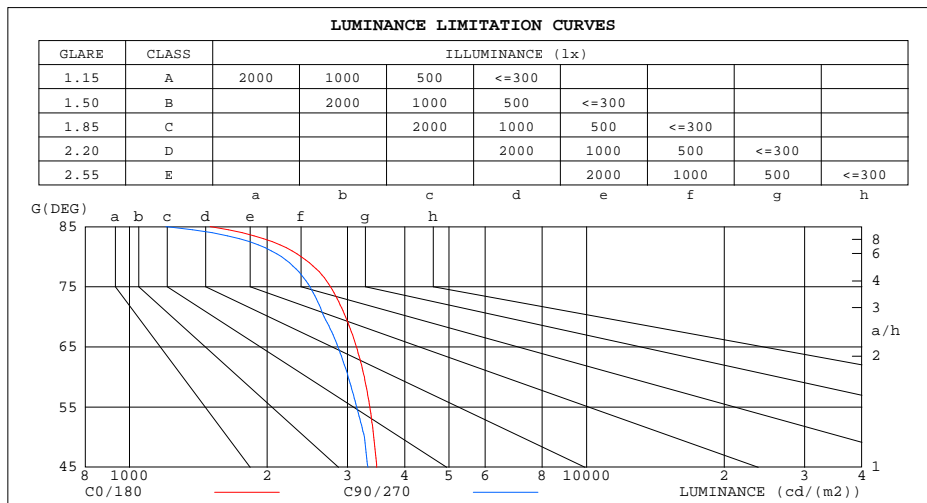
%lum = 78.6%
%lamp = 78.6%

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Neiko
Test Date:2015-11-09

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:12.123m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 1502 | 1202 |
| 80 | 2374 | 2151 |
| 75 | 2753 | 2482 |
| 70 | 2970 | 2664 |
| 65 | 3138 | 2859 |
| 60 | 3264 | 3011 |
| 55 | 3356 | 3143 |
| 50 | 3424 | 3267 |
| 45 | 3476 | 3323 |

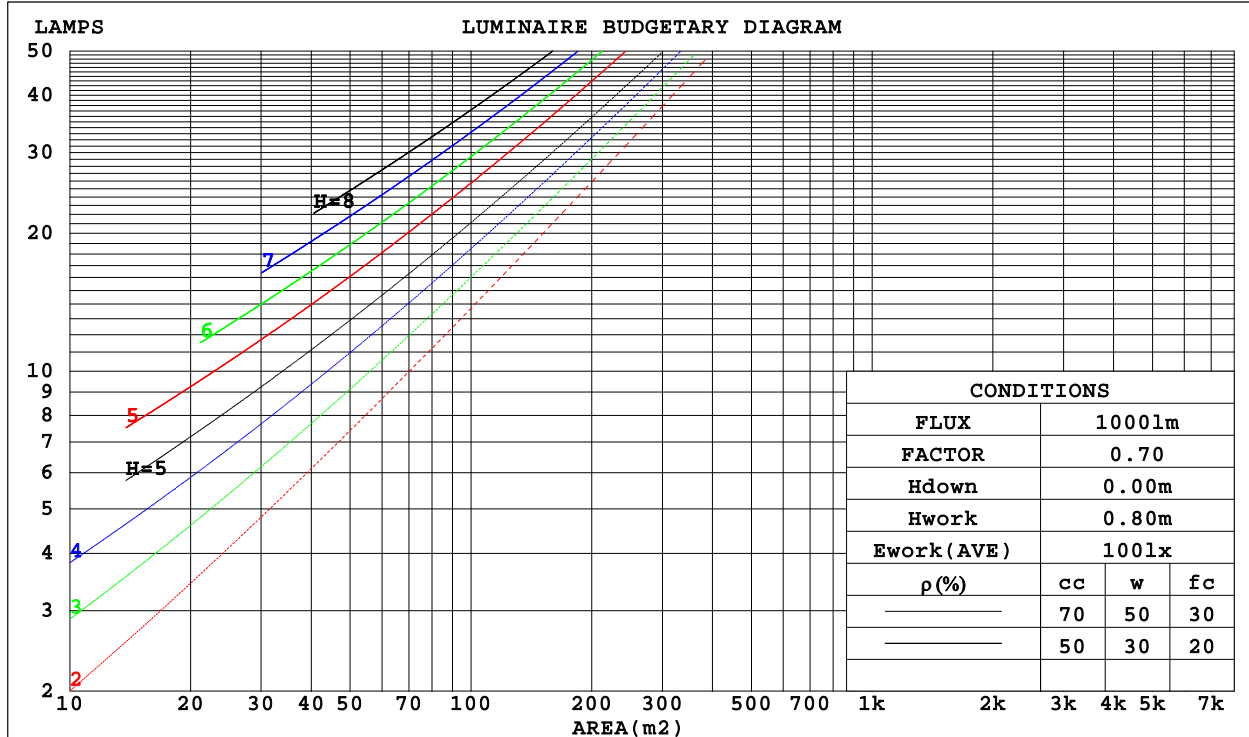
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.04 | .99 | .96 | 1.02 | .98 | .94 | .97 | .94 | .91 | .93 | .91 | .88 | .90 | .88 | .86 | .84 |
| 2.0 | .90 | .83 | .78 | .88 | .82 | .77 | .85 | .80 | .75 | .82 | .77 | .73 | .79 | .75 | .72 | .69 |
| 3.0 | .79 | .71 | .64 | .78 | .70 | .64 | .75 | .68 | .63 | .72 | .66 | .62 | .69 | .65 | .60 | .58 |
| 4.0 | .70 | .61 | .54 | .69 | .60 | .54 | .66 | .59 | .53 | .64 | .58 | .53 | .62 | .56 | .52 | .50 |
| 5.0 | .63 | .54 | .47 | .61 | .53 | .47 | .59 | .52 | .46 | .57 | .51 | .46 | .55 | .50 | .45 | .43 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .41 | .54 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .40 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .49 | .41 | .36 | .47 | .40 | .35 | .46 | .40 | .35 | .33 |
| 8.0 | .47 | .38 | .32 | .46 | .38 | .32 | .44 | .37 | .32 | .43 | .36 | .32 | .42 | .36 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .28 | .39 | .33 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .311 | .177 | .056 | .304 | .173 | .055 | .291 | .167 | .053 | .279 | .161 | .052 | .267 | .155 | .050 | |
| 2.0 | .293 | .160 | .049 | .287 | .158 | .049 | .275 | .153 | .047 | .264 | .148 | .046 | .254 | .144 | .045 | |
| 3.0 | .271 | .144 | .043 | .265 | .142 | .043 | .255 | .138 | .042 | .245 | .134 | .041 | .237 | .131 | .041 | |
| 4.0 | .250 | .130 | .038 | .245 | .128 | .038 | .236 | .125 | .037 | .227 | .122 | .037 | .219 | .119 | .036 | |
| 5.0 | .231 | .118 | .034 | .227 | .116 | .034 | .219 | .114 | .033 | .211 | .111 | .033 | .204 | .109 | .033 | |
| 6.0 | .214 | .107 | .031 | .210 | .106 | .031 | .203 | .104 | .030 | .196 | .102 | .030 | .190 | .100 | .030 | |
| 7.0 | .199 | .099 | .028 | .196 | .098 | .028 | .189 | .096 | .028 | .183 | .094 | .027 | .178 | .092 | .027 | |
| 8.0 | .186 | .091 | .026 | .183 | .090 | .025 | .177 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | |
| 9.0 | .174 | .084 | .024 | .172 | .084 | .023 | .166 | .082 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | |
| 10.0 | .164 | .079 | .022 | .161 | .078 | .022 | .157 | .077 | .022 | .152 | .076 | .022 | .148 | .075 | .021 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .180 | .156 | .134 | .154 | .134 | .116 | .106 | .092 | .080 | .061 | .053 | .046 | .019 | .017 | .015 | |
| 2.0 | .172 | .132 | .098 | .148 | .114 | .085 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .165 | .114 | .074 | .141 | .099 | .064 | .097 | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .157 | .101 | .058 | .135 | .087 | .051 | .093 | .061 | .036 | .054 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .150 | .091 | .047 | .128 | .078 | .041 | .088 | .055 | .029 | .051 | .032 | .017 | .017 | .010 | .006 | |
| 6.0 | .142 | .082 | .039 | .122 | .071 | .034 | .084 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | |
| 7.0 | .136 | .075 | .033 | .117 | .065 | .029 | .081 | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .129 | .070 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .003 | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .073 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .117 | .060 | .022 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | | | | | | | | | | |
|---|--------|------------------|------|------|------|---------------------------|----------------|------|------|------|------|
| NAME: | | TYPE:LED | | | | WEIGHT: | | | | | |
| SPEC.: | | DIM.: 600*1200 | | | | SERIAL No.:BLD20151109P17 | | | | | |
| MFR.: | | SUR.:0.55*1.15 | | | | Shielding Angle: | | | | | |
| ceiling/cavity | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H | y = 2H | 17.0 | 18.5 | 17.3 | 18.7 | 18.9 | 16.7 | 18.2 | 17.0 | 18.4 | 18.6 |
| | 3H | 18.5 | 19.9 | 18.8 | 20.2 | 20.4 | 18.1 | 19.5 | 18.4 | 19.8 | 20.0 |
| | 4H | 19.1 | 20.4 | 19.4 | 20.7 | 21.0 | 18.7 | 20.0 | 19.0 | 20.3 | 20.5 |
| | 6H | 19.5 | 20.7 | 19.8 | 21.0 | 21.3 | 19.1 | 20.3 | 19.4 | 20.6 | 20.9 |
| | 8H | 19.6 | 20.8 | 19.9 | 21.1 | 21.4 | 19.2 | 20.4 | 19.5 | 20.7 | 21.0 |
| | 12H | 19.6 | 20.8 | 19.9 | 21.1 | 21.4 | 19.2 | 20.4 | 19.6 | 20.7 | 21.0 |
| 4H | 2H | 17.6 | 18.9 | 17.9 | 19.1 | 19.4 | 17.3 | 18.7 | 17.6 | 18.9 | 19.2 |
| | 3H | 19.2 | 20.4 | 19.6 | 20.7 | 21.0 | 18.9 | 20.1 | 19.3 | 20.4 | 20.7 |
| | 4H | 19.9 | 21.0 | 20.3 | 21.3 | 21.7 | 19.6 | 20.7 | 20.0 | 21.0 | 21.3 |
| | 6H | 20.4 | 21.4 | 20.8 | 21.7 | 22.1 | 20.1 | 21.1 | 20.5 | 21.4 | 21.8 |
| | 8H | 20.6 | 21.5 | 21.0 | 21.8 | 22.2 | 20.3 | 21.2 | 20.7 | 21.5 | 21.9 |
| | 12H | 20.6 | 21.4 | 21.1 | 21.8 | 22.2 | 20.3 | 21.1 | 20.7 | 21.5 | 21.9 |
| 8H | 4H | 20.2 | 21.1 | 20.6 | 21.4 | 21.8 | 19.9 | 20.8 | 20.3 | 21.1 | 21.5 |
| | 6H | 20.8 | 21.5 | 21.2 | 21.9 | 22.4 | 20.5 | 21.3 | 21.0 | 21.7 | 22.1 |
| | 8H | 21.0 | 21.7 | 21.5 | 22.1 | 22.5 | 20.7 | 21.4 | 21.2 | 21.8 | 22.3 |
| | 12H | 21.1 | 21.7 | 21.6 | 22.2 | 22.6 | 20.8 | 21.4 | 21.3 | 21.8 | 22.3 |
| 12H | 4H | 20.2 | 21.0 | 20.6 | 21.4 | 21.8 | 19.9 | 20.7 | 20.3 | 21.1 | 21.5 |
| | 6H | 20.8 | 21.5 | 21.3 | 21.9 | 22.4 | 20.6 | 21.2 | 21.0 | 21.7 | 22.1 |
| | 8H | 21.1 | 21.7 | 21.6 | 22.1 | 22.6 | 20.8 | 21.4 | 21.3 | 21.8 | 22.3 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 0.1 / - 0.2 | | | | + 0.2 / - 0.2 | | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | | + 0.2 / - 0.3 | | | | + 0.2 / - 0.3 | | | | | |

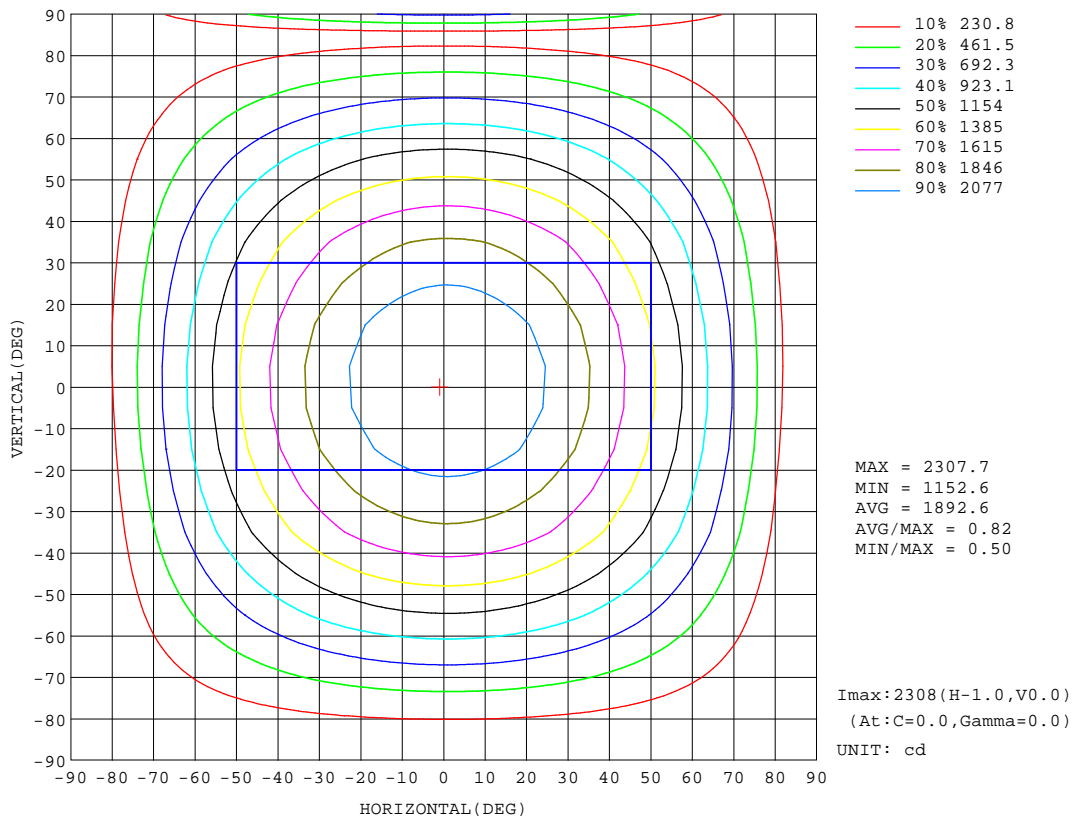
CIE Pub.117 Corrected 6621 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.6)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Neiko
Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:12.123m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |



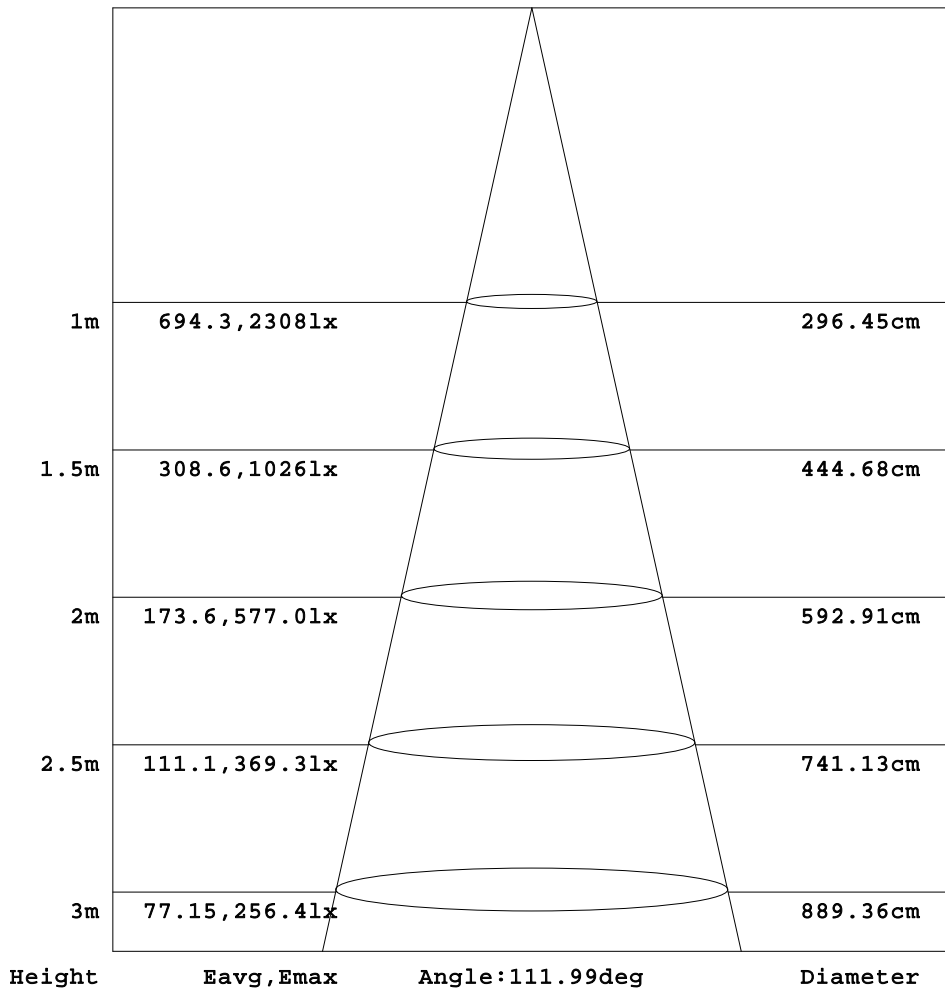
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109F17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

Flux out:4795 lm



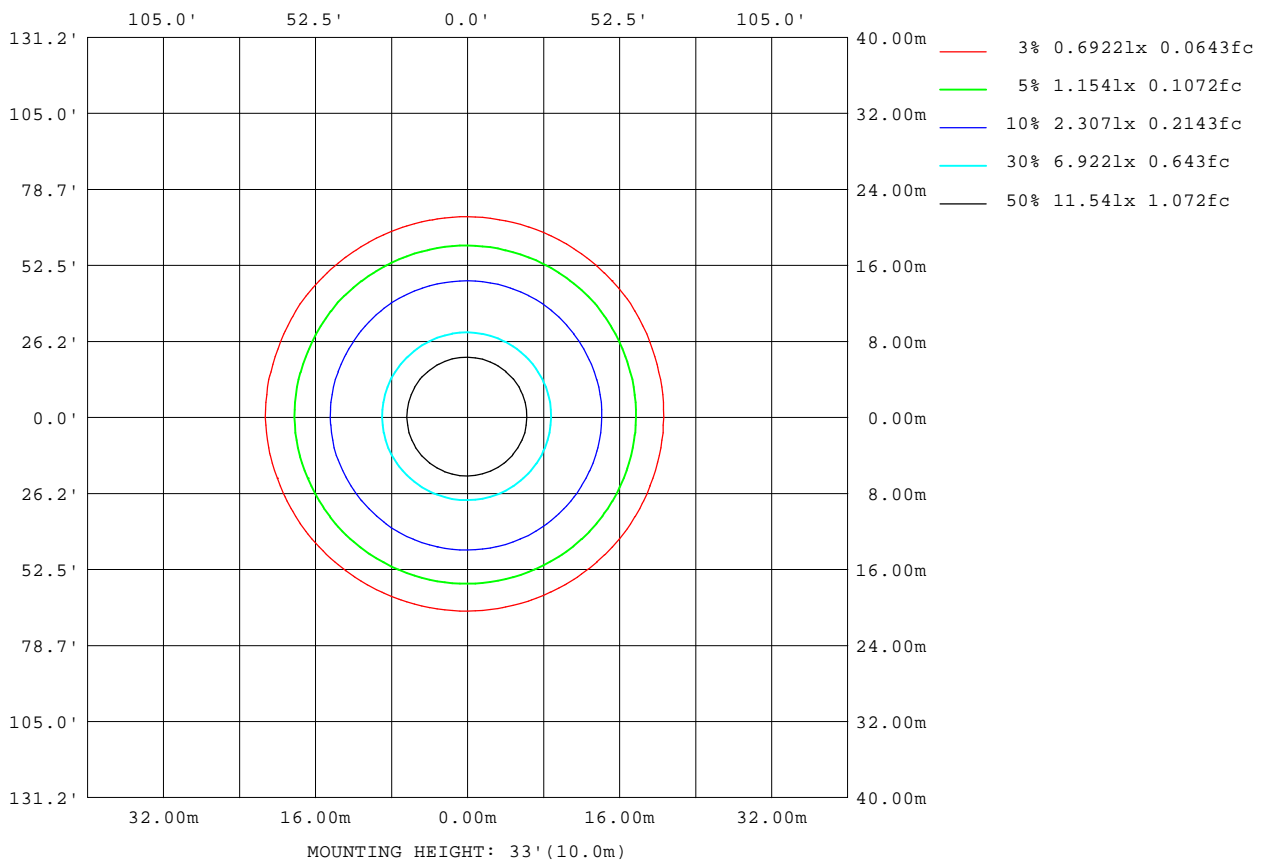
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

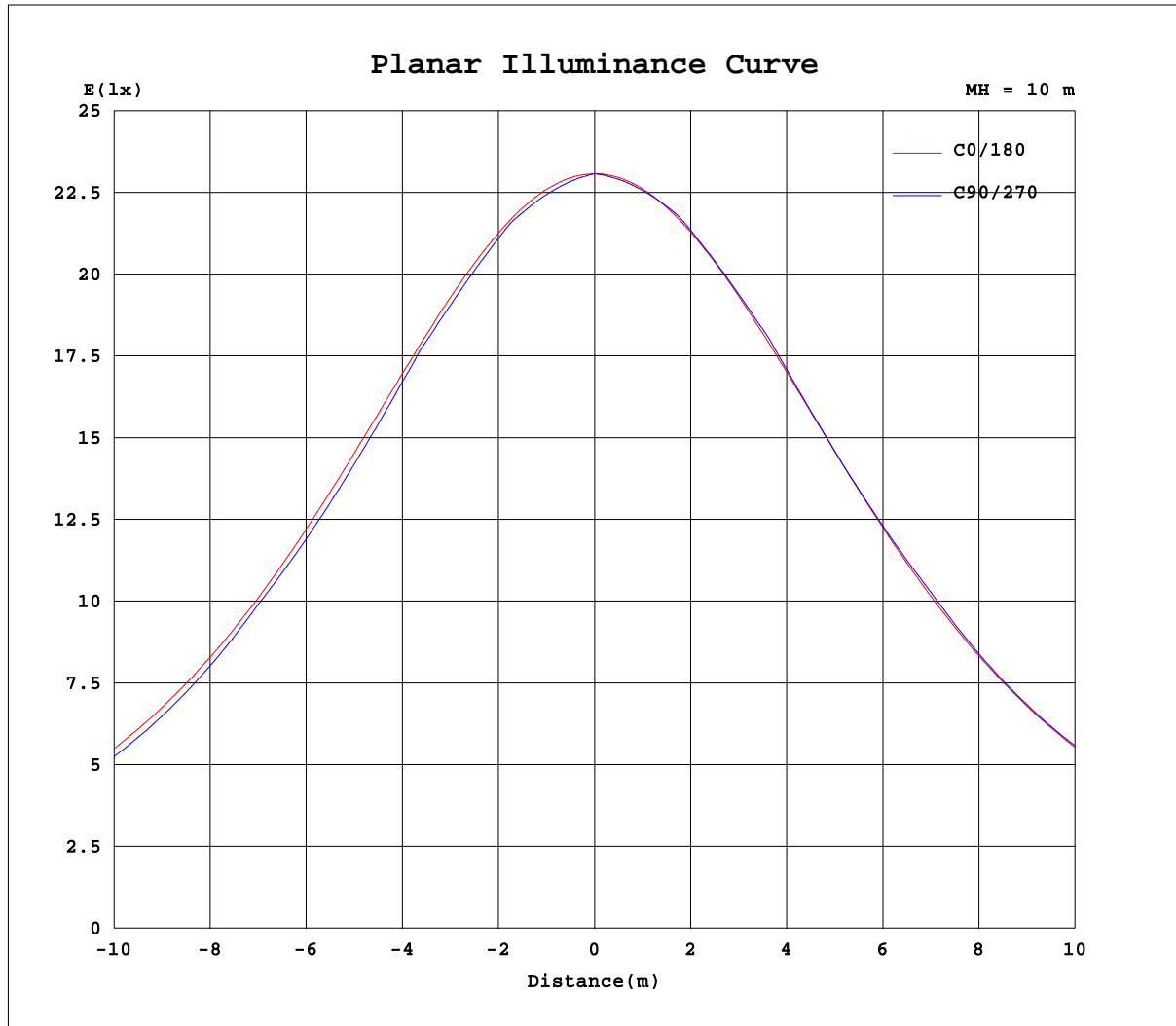
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 3164 |
| L_0~180(75)av | 2792 |
| L_0~180(85)av | 1536 |
| L_90~270(65)av | 3053 |
| L_90~270(75)av | 2760 |
| L_90~270(85)av | 1787 |
| L_45(65)av | 3090 |
| L_45(75)av | 2715 |
| L_45(85)av | 2004 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Neiko
Test Date: 2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 12.123m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|----------------|---------------------------|
| Test:U:229.9V I:0.3619A P:81.46W PF:0.9790 Lamp Flux:6620.53x1 lm | | |
| NAME: | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: 600*1200 | SERIAL No.:BLD20151109P17 |
| MFR.: | SUR.:0.55*1.15 | Shielding Angle: |

Table--4

UNIT: cd

| C(DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | 2308 | | | | |
| 5 | 2293 | 2293 | 2293 | 2293 | 2292 | 2292 | 2292 | 2292 | 2292 | 2293 | 2293 | 2294 | 2294 | 2295 | 2296 | | | | |
| 10 | 2277 | 2276 | 2274 | 2273 | 2271 | 2269 | 2267 | 2265 | 2264 | 2263 | 2262 | 2262 | 2262 | 2263 | 2265 | | | | |
| 15 | 2224 | 2224 | 2224 | 2224 | 2224 | 2225 | 2227 | 2228 | 2223 | 2219 | 2216 | 2214 | 2213 | 2213 | 2214 | | | | |
| 20 | 2168 | 2166 | 2163 | 2161 | 2158 | 2157 | 2156 | 2155 | 2157 | 2160 | 2155 | 2149 | 2146 | 2144 | 2145 | | | | |
| 25 | 2071 | 2072 | 2074 | 2076 | 2079 | 2081 | 2076 | 2072 | 2069 | 2069 | 2071 | 2070 | 2062 | 2059 | 2058 | | | | |
| 30 | 1969 | 1967 | 1966 | 1966 | 1966 | 1967 | 1971 | 1976 | 1972 | 1966 | 1965 | 1967 | 1964 | 1957 | 1955 | | | | |
| 35 | 1865 | 1862 | 1857 | 1853 | 1849 | 1846 | 1845 | 1846 | 1851 | 1854 | 1847 | 1845 | 1849 | 1840 | 1835 | | | | |
| 40 | 1724 | 1725 | 1727 | 1730 | 1731 | 1722 | 1716 | 1711 | 1709 | 1713 | 1719 | 1711 | 1711 | 1709 | 1701 | | | | |
| 45 | 1574 | 1573 | 1572 | 1572 | 1573 | 1576 | 1581 | 1572 | 1563 | 1560 | 1562 | 1566 | 1560 | 1564 | 1553 | | | | |
| 50 | 1424 | 1421 | 1417 | 1413 | 1410 | 1408 | 1408 | 1411 | 1414 | 1402 | 1397 | 1401 | 1399 | 1399 | 1392 | | | | |
| 55 | 1243 | 1244 | 1245 | 1247 | 1247 | 1240 | 1235 | 1232 | 1232 | 1239 | 1227 | 1222 | 1229 | 1222 | 1219 | | | | |
| 60 | 1054 | 1054 | 1054 | 1054 | 1055 | 1056 | 1059 | 1054 | 1047 | 1045 | 1050 | 1040 | 1036 | 1037 | 1036 | | | | |
| 65 | 866 | 865 | 864 | 862 | 861 | 860 | 859 | 859 | 861 | 854 | 850 | 853 | 843 | 846 | 845 | | | | |
| 70 | 678 | 676 | 675 | 672 | 670 | 667 | 665 | 662 | 660 | 659 | 658 | 652 | 655 | 645 | 646 | | | | |
| 75 | 494 | 493 | 490 | 487 | 484 | 479 | 475 | 473 | 470 | 465 | 462 | 462 | 457 | 457 | 453 | | | | |
| 80 | 312 | 310 | 309 | 307 | 305 | 303 | 300 | 296 | 292 | 285 | 280 | 276 | 273 | 269 | 265 | | | | |
| 85 | 130 | 129 | 128 | 128 | 129 | 129 | 129 | 129 | 128 | 126 | 122 | 117 | 109 | 102 | 99.6 | | | | |
| 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:25.3DEG
 Operators:Neiko
 Test Date:2015-11-09

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:12.123m [K=1.0000]
 Remarks: