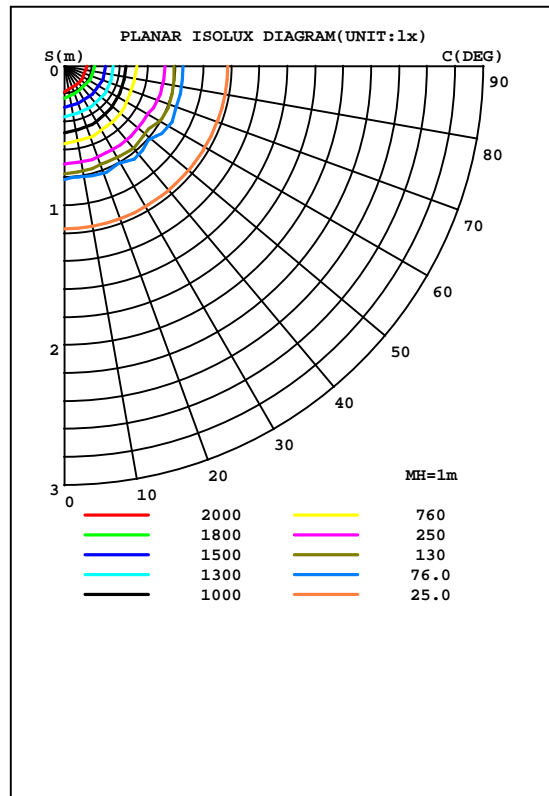
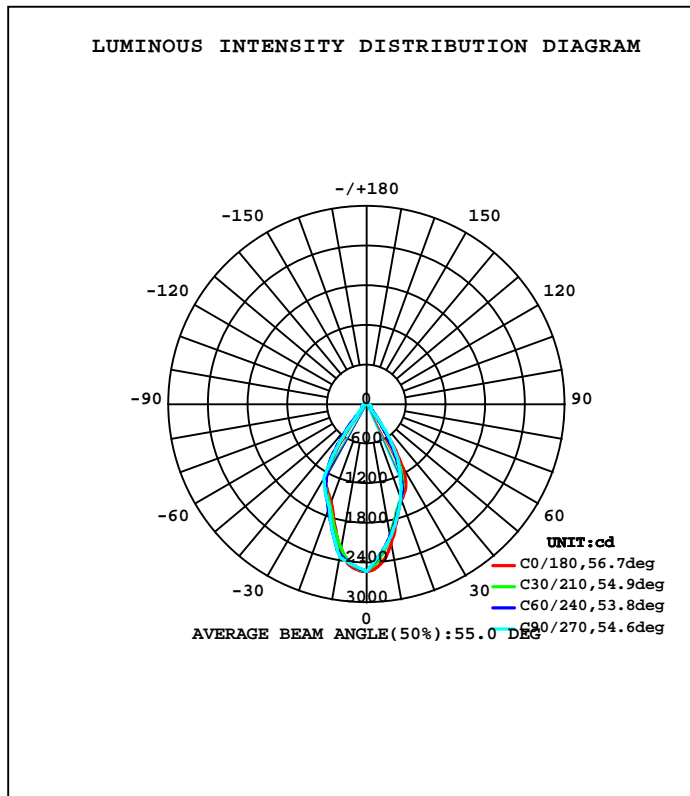


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 59.48 lm/W | | | |
|------------------|---------|----------------------------------|--------|--------------------|-----------|
| MODEL | | I _{max} (cd) | 2531 | S/MH(C0/180) | 0.75 |
| NOMINAL POWER(W) | 36 | LOR(%) | 100.0 | S/MH(C90/270) | 0.72 |
| RATED VOLTAGE(V) | 240 | TOTAL FLUX(lm) | 2032.6 | h UP, DN(C0-180) | 0.0, 46.4 |
| NOMINAL FLUX(lm) | 2032.64 | CIE CLASS | DIRECT | h UP, DN(C180-360) | 0.0, 53.6 |
| LAMPS INSIDE | 1 | h up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 240.8 | h down(%) | 100.0 | CIBSE SHR MAX | 0.90 |



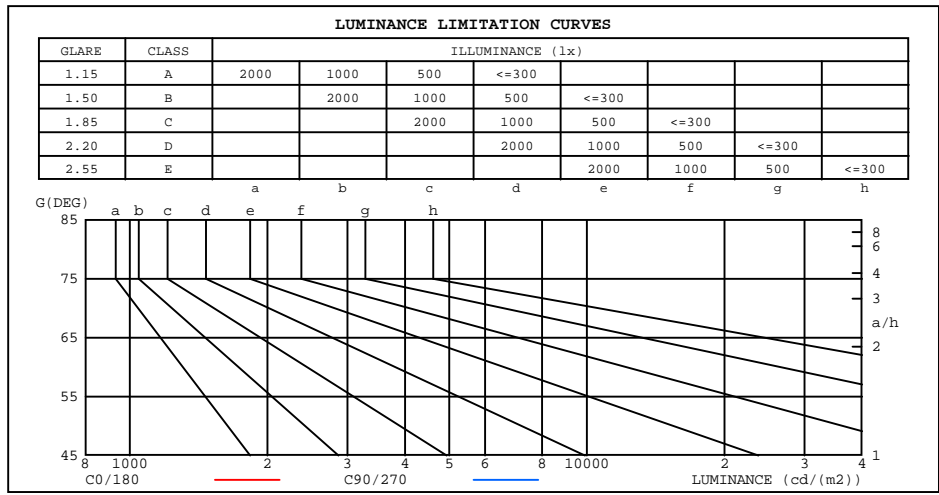
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2015-12-25

deg Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity: 60.0%
 Test Distance: 11.540m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|--------|-------|-------|-------|---------|---------|---------|-----------|
| 5 | 2436 | 2313 | 2295 | 2340 | 2483 | 2443 | 2441 | 2409 | 0- 5 | 58.40 | 58.40 | 2.87,2.87 |
| 10 | 2147 | 2032 | 2059 | 2078 | 2255 | 2263 | 2352 | 2192 | 5- 10 | 162.5 | 220.9 | 10.9,10.9 |
| 15 | 1795 | 1738 | 1784 | 1778 | 1886 | 1985 | 2007 | 1913 | 10- 15 | 236.9 | 457.8 | 22.5,22.5 |
| 20 | 1550 | 1511 | 1510 | 1533 | 1584 | 1684 | 1663 | 1624 | 15- 20 | 280.5 | 738.3 | 36.3,36.3 |
| 25 | 1399 | 1313 | 1223 | 1357 | 1427 | 1480 | 1481 | 1450 | 20- 25 | 309.7 | 1048 | 51.6,51.6 |
| 30 | 1074 | 915.1 | 936.5 | 1007 | 1201 | 1220 | 1299 | 1148 | 25- 30 | 313.7 | 1362 | 67,67 |
| 35 | 466.2 | 414.7 | 525.8 | 493.3 | 640.9 | 750.4 | 772.2 | 641.1 | 30- 35 | 246.8 | 1608 | 79.1,79.1 |
| 40 | 124.9 | 117.0 | 115.2 | 132.8 | 171.9 | 270.1 | 245.3 | 193.0 | 35- 40 | 125.0 | 1733 | 85.3,85.3 |
| 45 | 97.85 | 97.96 | 102.0 | 100.8 | 101.5 | 127.9 | 169.2 | 108.7 | 40- 45 | 51.84 | 1785 | 87.8,87.8 |
| 50 | 89.58 | 88.61 | 88.79 | 89.72 | 91.82 | 93.71 | 93.16 | 91.02 | 45- 50 | 40.04 | 1825 | 89.8,89.8 |
| 55 | 82.36 | 83.64 | 83.85 | 84.29 | 84.32 | 86.12 | 86.58 | 84.25 | 50- 55 | 38.04 | 1863 | 91.7,91.7 |
| 60 | 79.45 | 78.96 | 78.90 | 79.63 | 79.63 | 80.39 | 80.01 | 79.14 | 55- 60 | 37.77 | 1901 | 93.5,93.5 |
| 65 | 72.98 | 71.41 | 69.80 | 72.76 | 75.26 | 76.17 | 74.23 | 74.43 | 60- 65 | 37.42 | 1939 | 95.4,95.4 |
| 70 | 59.73 | 59.92 | 60.70 | 61.54 | 63.38 | 68.20 | 68.44 | 65.45 | 65- 70 | 34.80 | 1973 | 97.1,97.1 |
| 75 | 41.79 | 44.03 | 39.15 | 45.93 | 46.58 | 56.48 | 52.99 | 51.40 | 70- 75 | 29.13 | 2003 | 98.5,98.5 |
| 80 | 22.61 | 23.88 | 17.60 | 24.87 | 25.34 | 35.77 | 37.54 | 31.77 | 75- 80 | 20.09 | 2023 | 99.5,99.5 |
| 85 | 5.515 | 5.015 | 0 | 5.086 | 11.83 | 9.328 | 0 | 8.244 | 80- 85 | 9.306 | 2032 | 100,100 |
| 90 | 0.4919 | 0 | 0 | 0 | 0.4508 | 0 | 0 | 0 | 85- 90 | 0.7157 | 2033 | 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 | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 191755 | 0 |
| 80 | 394575 | 307204 |
| 75 | 489274 | 458388 |
| 70 | 529232 | 537786 |
| 65 | 523316 | 500479 |
| 60 | 481539 | 478179 |
| 55 | 435123 | 442979 |
| 50 | 422319 | 418607 |
| 45 | 419315 | 437021 |

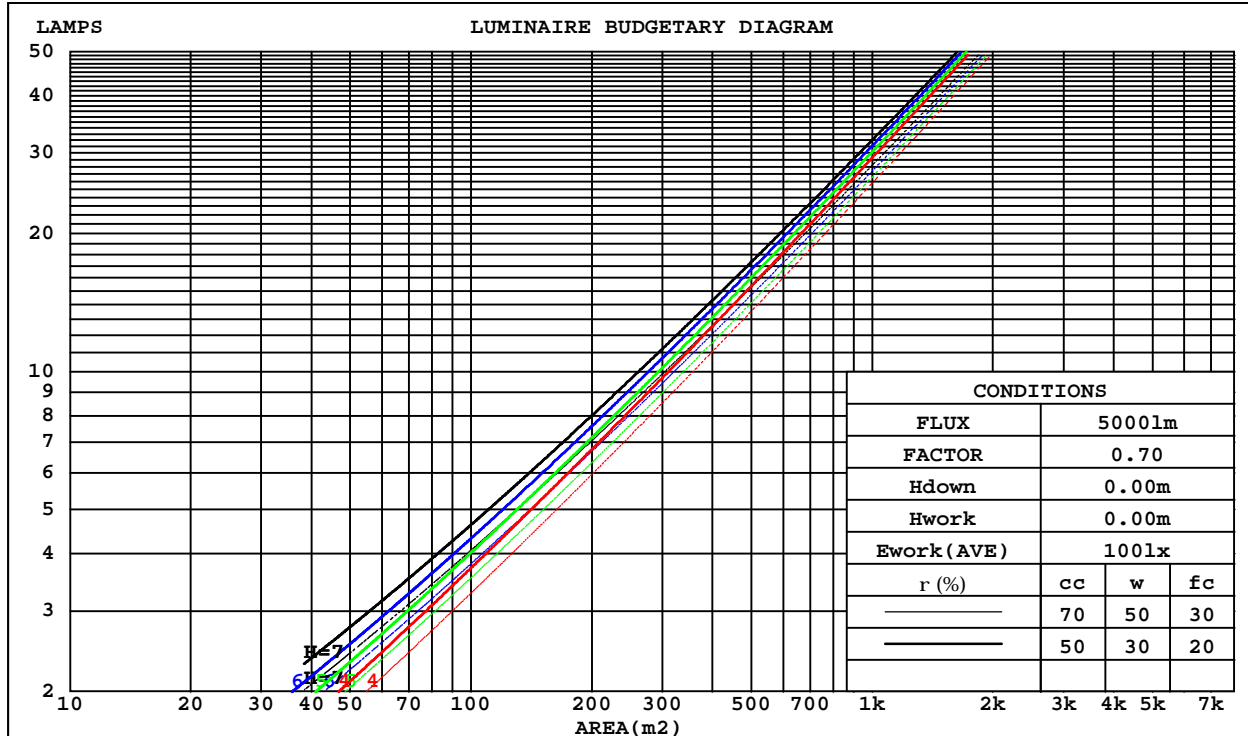
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2015-12-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:11.540m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |

| | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{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 | 1.00 |
| 1.0 | 1.09 | 1.06 | 1.04 | 1.07 | 1.05 | 1.02 | 1.03 | 1.01 | .99 | .99 | .98 | .96 | .96 | .94 | .93 | .91 |
| 2.0 | 1.01 | .96 | .92 | .99 | .95 | .91 | .96 | .92 | .89 | .92 | .90 | .87 | .90 | .87 | .85 | .84 |
| 3.0 | .93 | .87 | .83 | .92 | .86 | .82 | .89 | .85 | .81 | .86 | .83 | .80 | .84 | .81 | .78 | .77 |
| 4.0 | .86 | .80 | .76 | .85 | .80 | .75 | .83 | .78 | .74 | .81 | .77 | .73 | .79 | .75 | .73 | .71 |
| 5.0 | .81 | .74 | .70 | .80 | .74 | .69 | .78 | .73 | .69 | .76 | .72 | .68 | .74 | .71 | .67 | .66 |
| 6.0 | .75 | .69 | .64 | .75 | .69 | .64 | .73 | .68 | .64 | .72 | .67 | .63 | .70 | .66 | .63 | .61 |
| 7.0 | .71 | .65 | .60 | .70 | .64 | .60 | .69 | .63 | .60 | .68 | .63 | .59 | .66 | .62 | .59 | .57 |
| 8.0 | .67 | .60 | .56 | .66 | .60 | .56 | .65 | .60 | .56 | .64 | .59 | .55 | .63 | .59 | .55 | .54 |
| 9.0 | .63 | .57 | .53 | .63 | .57 | .53 | .62 | .56 | .52 | .61 | .56 | .52 | .60 | .55 | .52 | .51 |
| 10.0 | .60 | .54 | .50 | .59 | .53 | .50 | .58 | .53 | .49 | .58 | .53 | .49 | .57 | .52 | .49 | .48 |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:03
Test Date:2015-12-25

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity:60.0%
Test Distance:11.540m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .206 | .117 | .037 | .199 | .114 | .036 | .186 | .107 | .034 | .175 | .101 | .032 | .164 | .095 | .031 | |
| 2.0 | .195 | .107 | .033 | .189 | .104 | .032 | .178 | .099 | .031 | .168 | .094 | .030 | .159 | .090 | .028 | |
| 3.0 | .183 | .097 | .029 | .178 | .095 | .029 | .168 | .091 | .028 | .160 | .088 | .027 | .152 | .084 | .026 | |
| 4.0 | .171 | .089 | .026 | .167 | .087 | .026 | .159 | .084 | .025 | .152 | .081 | .025 | .145 | .079 | .024 | |
| 5.0 | .161 | .082 | .024 | .158 | .081 | .024 | .151 | .078 | .023 | .144 | .076 | .023 | .138 | .074 | .022 | |
| 6.0 | .152 | .076 | .022 | .149 | .075 | .022 | .143 | .073 | .021 | .137 | .071 | .021 | .132 | .069 | .021 | |
| 7.0 | .144 | .071 | .020 | .141 | .070 | .020 | .136 | .069 | .020 | .131 | .067 | .020 | .126 | .065 | .019 | |
| 8.0 | .137 | .067 | .019 | .134 | .066 | .019 | .130 | .065 | .018 | .125 | .063 | .018 | .121 | .062 | .018 | |
| 9.0 | .130 | .063 | .018 | .128 | .062 | .018 | .124 | .061 | .017 | .120 | .060 | .017 | .116 | .059 | .017 | |
| 10.0 | .125 | .060 | .017 | .122 | .059 | .016 | .118 | .058 | .016 | .115 | .057 | .016 | .111 | .056 | .016 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .173 | .157 | .143 | .148 | .135 | .123 | .101 | .093 | .085 | .058 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .159 | .132 | .110 | .136 | .114 | .095 | .094 | .079 | .066 | .054 | .046 | .039 | .017 | .015 | .013 | |
| 3.0 | .148 | .114 | .087 | .127 | .098 | .075 | .087 | .068 | .053 | .050 | .040 | .031 | .016 | .013 | .010 | |
| 4.0 | .138 | .099 | .070 | .118 | .086 | .061 | .081 | .060 | .043 | .047 | .035 | .025 | .015 | .011 | .008 | |
| 5.0 | .129 | .088 | .057 | .111 | .076 | .050 | .076 | .053 | .035 | .044 | .031 | .021 | .014 | .010 | .007 | |
| 6.0 | .122 | .079 | .048 | .104 | .068 | .042 | .072 | .048 | .030 | .042 | .028 | .018 | .013 | .009 | .006 | |
| 7.0 | .115 | .071 | .041 | .099 | .062 | .035 | .068 | .043 | .025 | .040 | .025 | .015 | .013 | .008 | .005 | |
| 8.0 | .109 | .065 | .035 | .094 | .056 | .030 | .065 | .040 | .022 | .038 | .023 | .013 | .012 | .008 | .004 | |
| 9.0 | .104 | .060 | .030 | .089 | .052 | .026 | .062 | .037 | .019 | .036 | .022 | .011 | .012 | .007 | .004 | |
| 10.0 | .099 | .055 | .027 | .085 | .048 | .023 | .059 | .034 | .017 | .034 | .020 | .010 | .011 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2015-12-25

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:11.540m [K=1.0000]
 Remarks:

Uncorrected UGR Table

| | | | | | | | | | | |
|---|------------------|------|------|------|---------------|----------------|------|-------------------|------|------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | | | | | | | | | |
| NAME: MD23K | | | | | TYPE:R363KWDL | | | WEIGHT: | | |
| SPEC.:3000K | | | | | DIM.: | | | SERIAL No.:251280 | | |
| MFR.: AXG | | | | | 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 | 30.8 | 31.8 | 31.0 | 32.0 | 32.2 | 30.9 | 31.9 | 31.1 | 32.1 | 32.3 |
| 3H | 32.4 | 33.3 | 32.6 | 33.5 | 33.8 | 32.4 | 33.4 | 32.7 | 33.6 | 33.8 |
| 4H | 33.0 | 34.0 | 33.3 | 34.2 | 34.4 | 33.0 | 33.9 | 33.3 | 34.2 | 34.4 |
| 6H | 33.4 | 34.3 | 33.7 | 34.5 | 34.8 | 33.3 | 34.2 | 33.6 | 34.4 | 34.7 |
| 8H | 33.5 | 34.4 | 33.9 | 34.6 | 34.9 | 33.3 | 34.2 | 33.7 | 34.4 | 34.7 |
| 12H | 33.6 | 34.4 | 33.9 | 34.6 | 34.9 | 33.3 | 34.1 | 33.6 | 34.4 | 34.7 |
| 4H 2H | 31.3 | 32.3 | 31.6 | 32.5 | 32.7 | 31.4 | 32.3 | 31.7 | 32.6 | 32.8 |
| 3H | 33.2 | 34.0 | 33.5 | 34.2 | 34.5 | 33.2 | 34.0 | 33.6 | 34.3 | 34.6 |
| 4H | 34.0 | 34.7 | 34.3 | 35.0 | 35.3 | 34.0 | 34.7 | 34.3 | 35.0 | 35.3 |
| 6H | 34.4 | 35.1 | 34.8 | 35.4 | 35.8 | 34.4 | 35.0 | 34.8 | 35.3 | 35.7 |
| 8H | 34.6 | 35.2 | 35.0 | 35.5 | 35.9 | 34.4 | 35.0 | 34.8 | 35.4 | 35.7 |
| 12H | 34.6 | 35.2 | 35.0 | 35.5 | 35.9 | 34.4 | 34.9 | 34.8 | 35.3 | 35.7 |
| 8H 4H | 34.3 | 34.9 | 34.7 | 35.2 | 35.6 | 34.3 | 34.9 | 34.7 | 35.2 | 35.6 |
| 6H | 34.8 | 35.3 | 35.3 | 35.7 | 36.1 | 34.8 | 35.3 | 35.2 | 35.7 | 36.1 |
| 8H | 35.0 | 35.5 | 35.5 | 35.9 | 36.3 | 34.9 | 35.3 | 35.3 | 35.7 | 36.2 |
| 12H | 35.1 | 35.5 | 35.6 | 35.9 | 36.4 | 34.8 | 35.2 | 35.3 | 35.7 | 36.1 |
| 12H 4H | 34.3 | 34.8 | 34.7 | 35.2 | 35.6 | 34.3 | 34.8 | 34.7 | 35.2 | 35.6 |
| 6H | 34.9 | 35.3 | 35.3 | 35.7 | 36.2 | 34.8 | 35.3 | 35.3 | 35.7 | 36.1 |
| 8H | 35.1 | 35.4 | 35.5 | 35.9 | 36.4 | 34.9 | 35.3 | 35.4 | 35.7 | 36.2 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.2 | | | | | + 0.5 / - 0.5 | | | | |
| 1.5H | + 0.6 / - 0.2 | | | | | + 1.2 / - 0.4 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117 Corrected 2033 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.5)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2015-12-25

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:11.540m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |

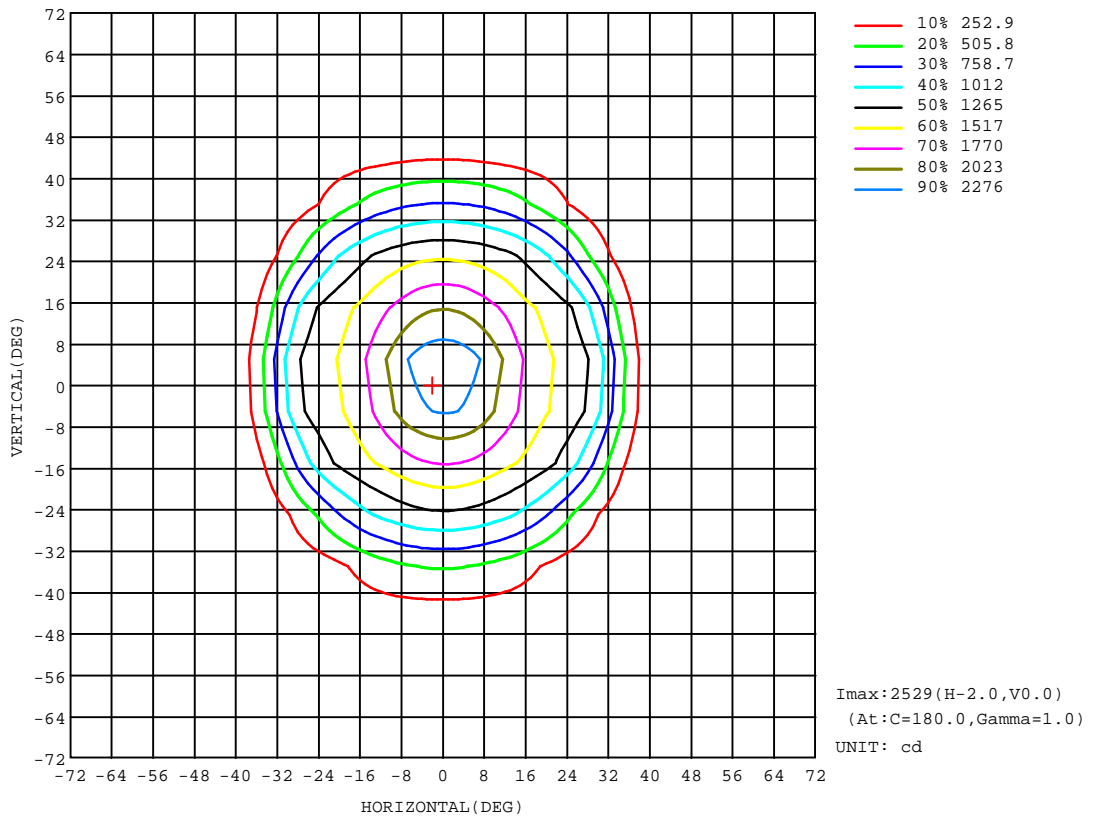
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 83 | 76 | 71 | 82 | 75 | 71 | 81 | 75 | 71 | 67 |
| 0.80 | 90 | 83 | 79 | 90 | 83 | 79 | 88 | 82 | 79 | 74 |
| 1.00 | 95 | 88 | 84 | 94 | 88 | 84 | 92 | 88 | 83 | 79 |
| 1.25 | 99 | 93 | 89 | 98 | 93 | 89 | 96 | 91 | 88 | 83 |
| 1.50 | 102 | 97 | 93 | 101 | 96 | 92 | 99 | 94 | 91 | 86 |
| 2.00 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 98 | 95 | 89 |
| 2.50 | 108 | 103 | 100 | 106 | 102 | 99 | 103 | 100 | 97 | 91 |
| 3.00 | 110 | 106 | 102 | 108 | 104 | 101 | 104 | 102 | 99 | 92 |
| 4.00 | 112 | 109 | 106 | 110 | 107 | 105 | 106 | 104 | 102 | 95 |
| 5.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 104 | 96 |
| 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:03
 Test Date:2015-12-25

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:11.540m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |

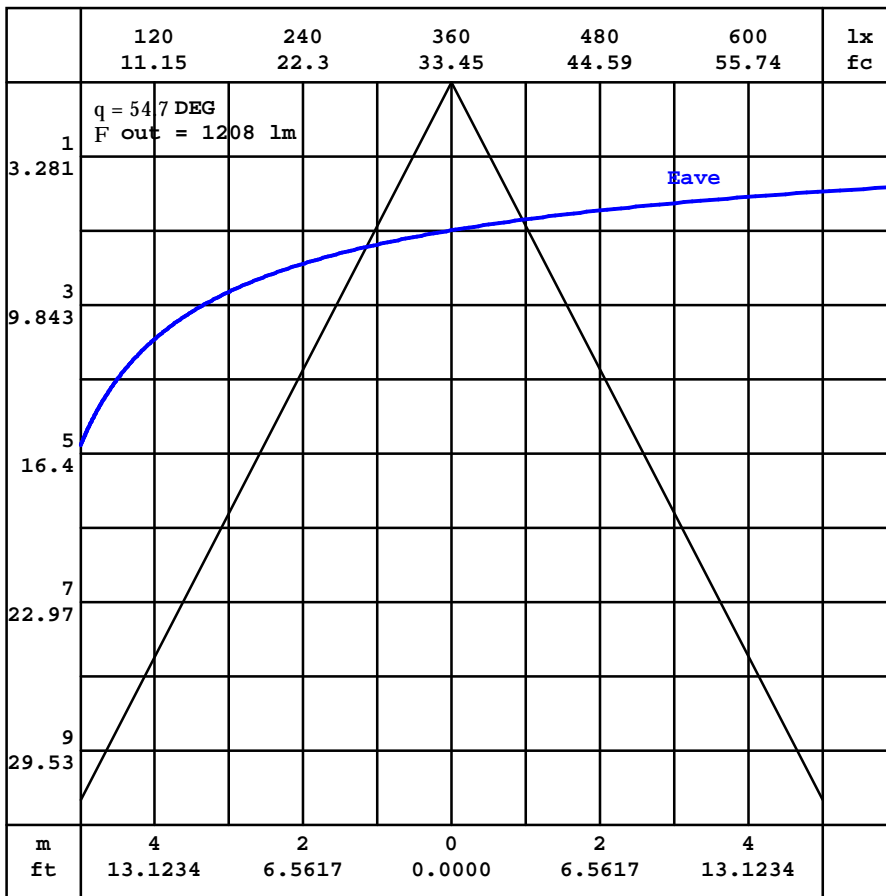


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2015-12-25

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:11.540m [K=1.0000]
 Remarks:

AAI CURVES

| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KWDL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |



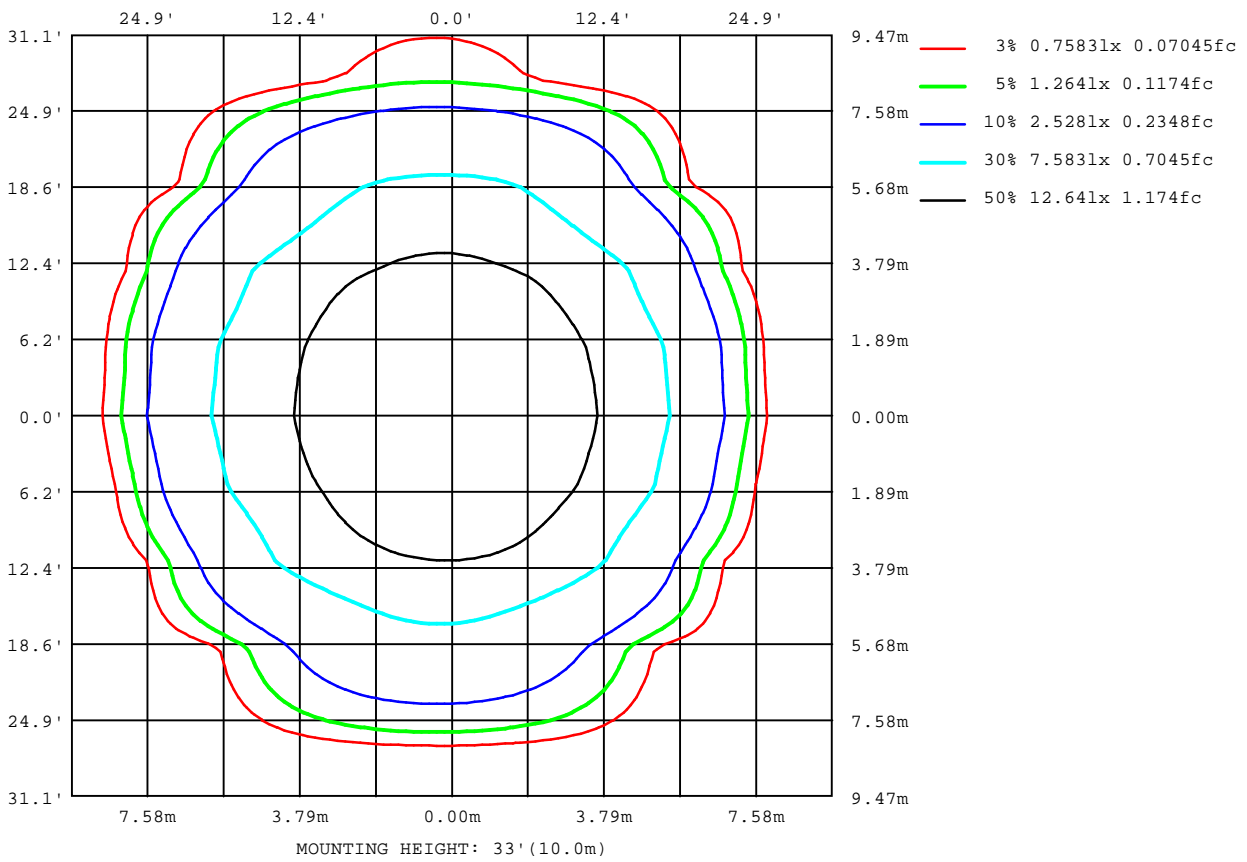
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 03
Test Date: 2015-12-25

log Range: 0 - 90DEG
log Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
Humidity: 60.0%
Test Distance: 11.540m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

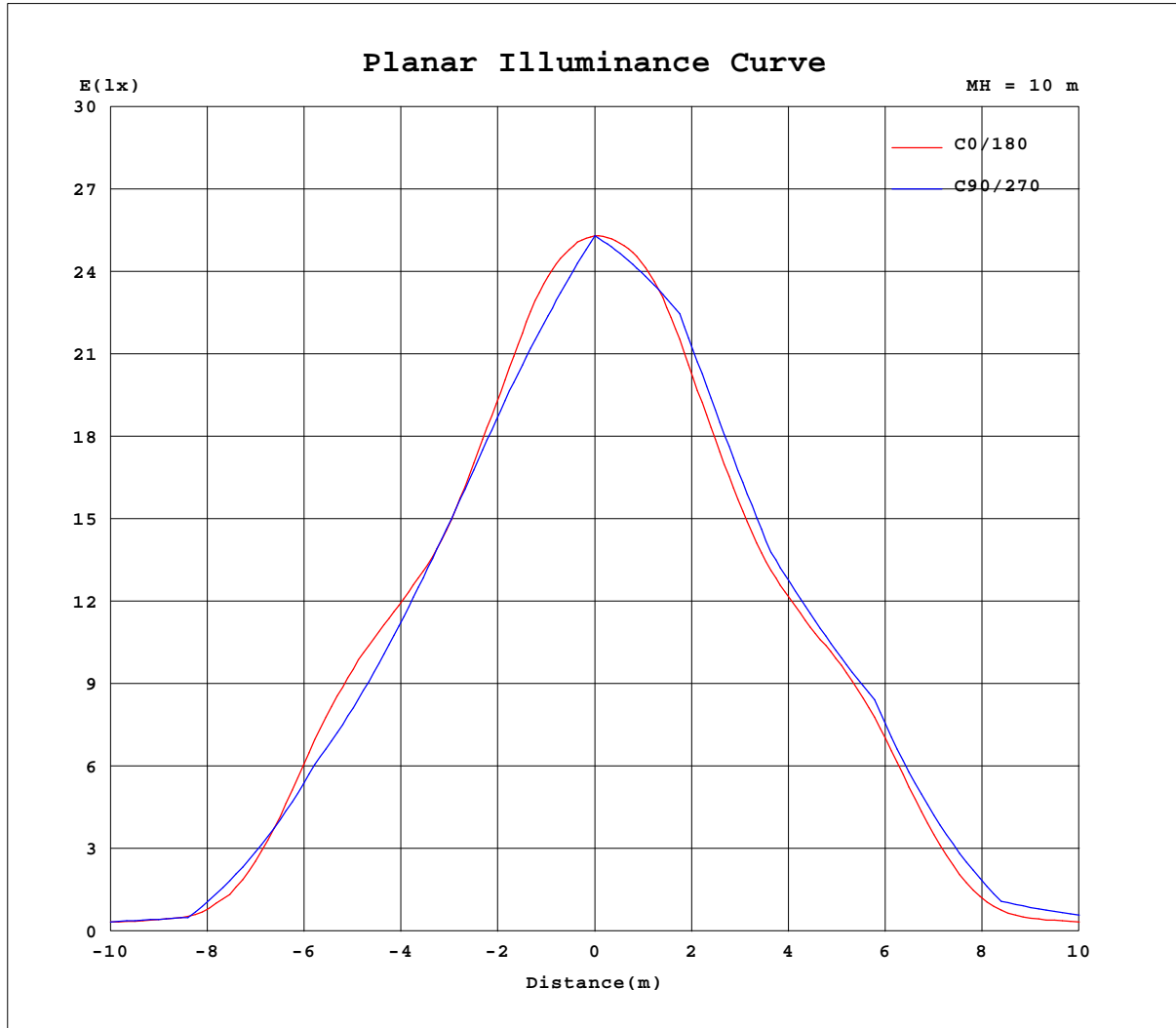
| | | |
|---|---------------|-------------------|
| Test:U:240.7V I:0.1457A P:34.17W PF:0.9744 Lamp Flux:2032.64x1 lm | | |
| NAME: MD23K | TYPE:R363KDWL | WEIGHT: |
| SPEC.:3000K | DIM.: | SERIAL No.:251280 |
| MFR.: AXG | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:03
 Test Date:2015-12-25

log Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity:60.0%
 Test Distance:11.540m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 03
 Test Date: 2015-12-25

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.281
 Humidity: 60.0%
 Test Distance: 11.540m [K=1.0000]
 Remarks: