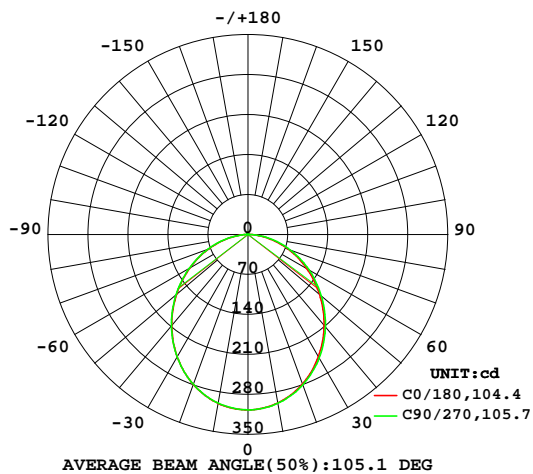


LUMINAIRE PHOTOMETRIC TEST REPORT

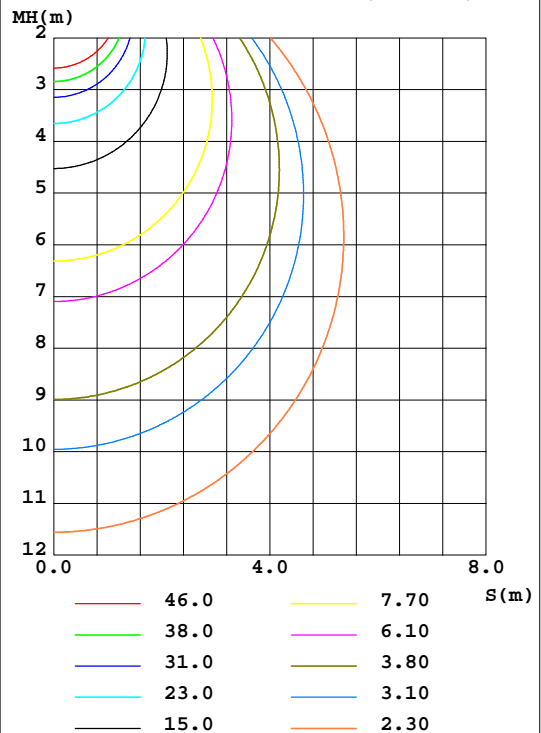
| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 38.32 lm/W | | | |
|------------------|---------------|----------------------------------|--------|-------------------|----------|
| MODEL | AH5060-30A45上 | I _{max} (cd) | 307.3 | S/MH(C0/180) | 1.21 |
| NOMINAL POWER(W) | 21.6 | LOR(%) | 100.0 | S/MH(C90/270) | 1.21 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 827.68 | h UP,DN(C0-180) | 0.5,50.0 |
| NOMINAL FLUX(lm) | 827.685 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.6,48.9 |
| LAMPS INSIDE | 1 | h up(%) | 1.2 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 24 | h down(%) | 98.8 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

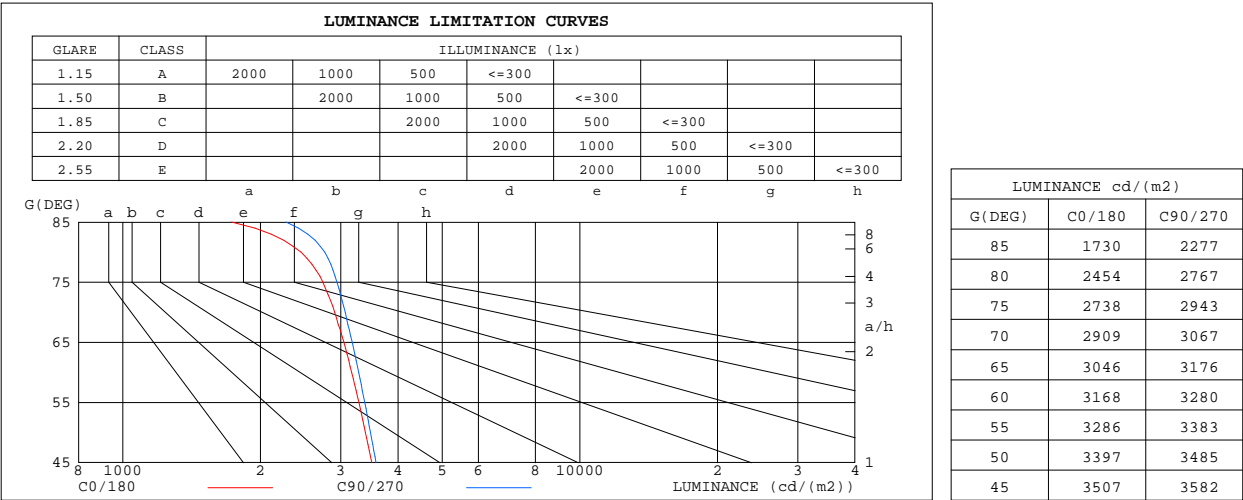
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 299.7 | 300.5 | 300.2 | 300.3 | 300.3 | 300.1 | 299.8 | 299.7 | 0- 10 | 28.98 | 28.98 | 3.5,3.5 |
| 20 | 278.7 | 280.6 | 280.3 | 280.5 | 279.7 | 279.7 | 279.5 | 279.2 | 10- 20 | 82.17 | 111.2 | 13.4,13.4 |
| 30 | 247.0 | 249.9 | 249.7 | 250.0 | 247.8 | 248.2 | 248.1 | 247.7 | 20- 30 | 122.2 | 233.3 | 28.2,28.2 |
| 40 | 207.5 | 211.3 | 211.1 | 211.6 | 207.9 | 208.6 | 208.8 | 208.4 | 30- 40 | 143.6 | 377.0 | 45.5,45.5 |
| 50 | 163.8 | 168.1 | 168.0 | 168.4 | 163.4 | 164.5 | 164.7 | 164.3 | 40- 50 | 144.9 | 521.9 | 63.1,63.1 |
| 60 | 118.8 | 123.0 | 123.0 | 123.5 | 117.6 | 118.7 | 119.0 | 118.6 | 50- 60 | 127.9 | 649.8 | 78.5,78.5 |
| 70 | 74.61 | 78.60 | 78.66 | 79.05 | 72.60 | 73.48 | 73.95 | 73.40 | 60- 70 | 96.75 | 746.5 | 90.2,90.2 |
| 80 | 31.96 | 35.87 | 36.03 | 36.35 | 30.22 | 30.60 | 30.98 | 30.43 | 70- 80 | 56.97 | 803.5 | 97.1,97.1 |
| 90 | 0.3159 | 0.5271 | 0.7049 | 0.6003 | 0.1342 | 0.3147 | 0.5678 | 0.4544 | 80- 90 | 14.53 | 818.1 | 98.8,98.8 |
| 100 | 0.5075 | 0.6220 | 0.7480 | 0.7682 | 0.5091 | 0.5277 | 0.7620 | 0.6411 | 90-100 | 0.5587 | 818.6 | 98.9,98.9 |
| 110 | 0.8683 | 0.9087 | 0.9350 | 1.002 | 0.9628 | 0.8676 | 1.009 | 0.9618 | 100-110 | 0.8277 | 819.4 | 99,99 |
| 120 | 1.256 | 1.283 | 1.248 | 1.303 | 1.457 | 1.362 | 1.443 | 1.416 | 110-120 | 1.129 | 820.6 | 99.1,99.1 |
| 130 | 1.676 | 1.650 | 1.576 | 1.644 | 1.971 | 1.930 | 1.979 | 1.936 | 120-130 | 1.404 | 822.0 | 99.3,99.3 |
| 140 | 2.097 | 1.958 | 1.877 | 1.957 | 2.519 | 2.591 | 2.620 | 2.557 | 130-140 | 1.572 | 823.5 | 99.5,99.5 |
| 150 | 2.518 | 2.278 | 2.204 | 2.271 | 2.939 | 3.086 | 3.080 | 3.005 | 140-150 | 1.549 | 825.1 | 99.7,99.7 |
| 160 | 2.966 | 2.786 | 2.718 | 2.779 | 3.313 | 3.306 | 3.353 | 3.286 | 150-160 | 1.323 | 826.4 | 99.8,99.8 |
| 170 | 3.426 | 3.394 | 3.312 | 3.366 | 3.520 | 3.540 | 3.601 | 3.520 | 160-170 | 0.9199 | 827.3 | 100,100 |
| 180 | 4.061 | 4.008 | 4.041 | 4.008 | 4.028 | 4.034 | 4.021 | 3.974 | 170-180 | 0.3471 | 827.7 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |



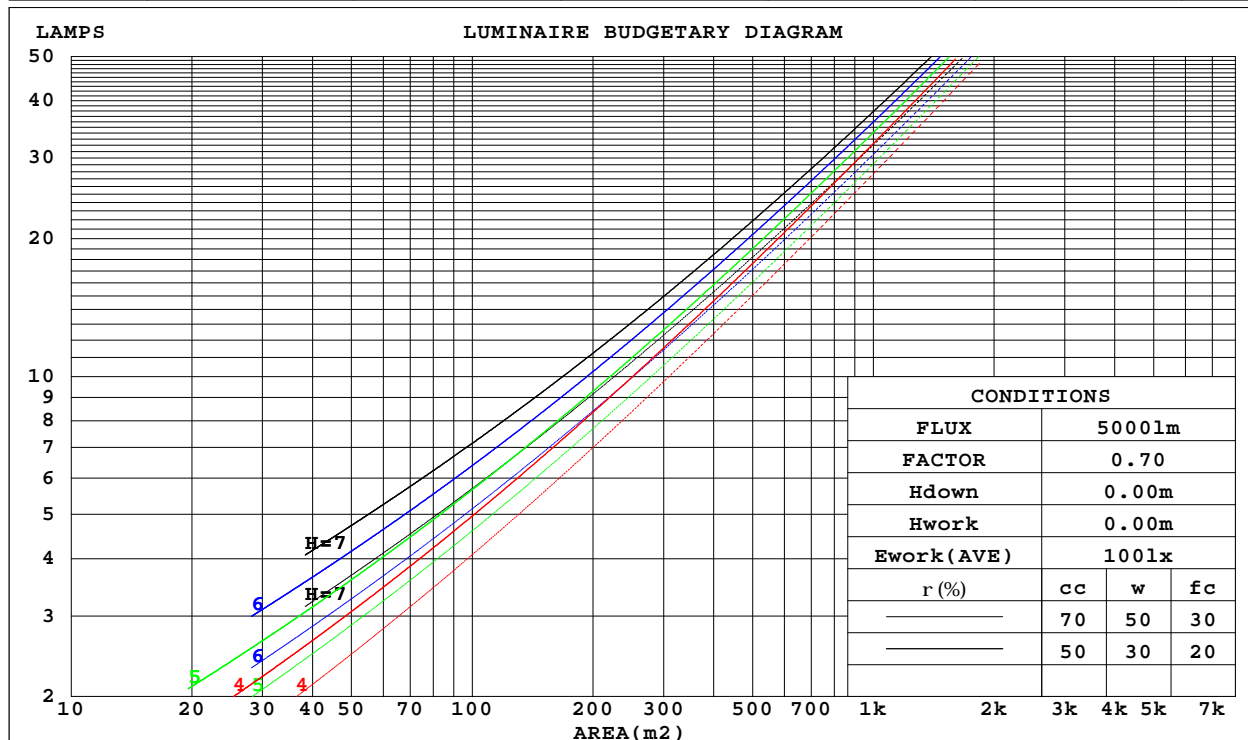
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding 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 | 1.10 | 1.10 | 1.10 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.04 | .90 | .96 | 1.01 | .98 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .91 | .84 | .78 | .89 | .82 | .77 | .85 | .80 | .75 | .81 | .77 | .73 | .78 | .75 | .71 | .69 |
| 3.0 | .80 | .72 | .65 | .78 | .70 | .64 | .75 | .68 | .63 | .72 | .66 | .62 | .69 | .65 | .61 | .58 |
| 4.0 | .71 | .62 | .55 | .69 | .61 | .55 | .67 | .60 | .54 | .64 | .58 | .53 | .62 | .57 | .52 | .50 |
| 5.0 | .63 | .54 | .48 | .62 | .54 | .47 | .60 | .52 | .47 | .58 | .51 | .46 | .56 | .50 | .46 | .43 |
| 6.0 | .57 | .48 | .42 | .56 | .48 | .41 | .54 | .47 | .41 | .52 | .46 | .41 | .51 | .45 | .40 | .38 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .49 | .42 | .36 | .48 | .41 | .36 | .46 | .40 | .36 | .34 |
| 8.0 | .47 | .39 | .33 | .46 | .38 | .33 | .45 | .38 | .33 | .44 | .37 | .32 | .42 | .36 | .32 | .30 |
| 9.0 | .43 | .35 | .30 | .43 | .35 | .30 | .42 | .34 | .29 | .40 | .34 | .29 | .39 | .33 | .29 | .27 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .27 | .36 | .31 | .26 | .25 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2020-04-08

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.950m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding 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 | .305 | .174 | .055 | .298 | .170 | .054 | .284 | .163 | .052 | .271 | .156 | .050 | .259 | .150 | .048 | | | | | | | | | | | | | | | |
| 2.0 | .287 | .158 | .048 | .281 | .155 | .048 | .269 | .149 | .046 | .257 | .144 | .045 | .247 | .140 | .044 | | | | | | | | | | | | | | | |
| 3.0 | .266 | .142 | .042 | .260 | .139 | .042 | .250 | .135 | .041 | .240 | .131 | .040 | .230 | .127 | .039 | | | | | | | | | | | | | | | |
| 4.0 | .246 | .128 | .038 | .241 | .126 | .037 | .231 | .123 | .037 | .222 | .119 | .036 | .214 | .116 | .035 | | | | | | | | | | | | | | | |
| 5.0 | .227 | .116 | .034 | .223 | .114 | .033 | .214 | .112 | .033 | .206 | .109 | .032 | .199 | .106 | .032 | | | | | | | | | | | | | | | |
| 6.0 | .211 | .106 | .030 | .207 | .105 | .030 | .199 | .102 | .030 | .192 | .100 | .029 | .185 | .098 | .029 | | | | | | | | | | | | | | | |
| 7.0 | .197 | .097 | .028 | .193 | .096 | .027 | .186 | .094 | .027 | .180 | .092 | .027 | .174 | .090 | .027 | | | | | | | | | | | | | | | |
| 8.0 | .184 | .090 | .025 | .180 | .089 | .025 | .174 | .087 | .025 | .168 | .085 | .025 | .163 | .084 | .024 | | | | | | | | | | | | | | | |
| 9.0 | .172 | .083 | .023 | .169 | .083 | .023 | .164 | .081 | .023 | .159 | .079 | .023 | .154 | .078 | .023 | | | | | | | | | | | | | | | |
| 10.0 | .162 | .078 | .022 | .159 | .077 | .021 | .154 | .076 | .021 | .150 | .074 | .021 | .145 | .073 | .021 | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|---|
| 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 | .199 | .199 | .199 | .170 | .170 | .170 | .116 | .116 | .116 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 1.0 | .189 | .165 | .144 | .162 | .142 | .124 | .111 | .097 | .086 | .064 | .056 | .050 | .020 | .018 | .016 | |
| 2.0 | .181 | .141 | .108 | .155 | .121 | .093 | .106 | .084 | .065 | .061 | .049 | .038 | .020 | .016 | .012 | |
| 3.0 | .173 | .123 | .084 | .148 | .106 | .073 | .102 | .074 | .051 | .059 | .043 | .030 | .019 | .014 | .010 | |
| 4.0 | .165 | .110 | .068 | .142 | .095 | .059 | .097 | .066 | .042 | .056 | .039 | .025 | .018 | .013 | .008 | |
| 5.0 | .158 | .100 | .057 | .135 | .086 | .049 | .093 | .060 | .035 | .054 | .035 | .021 | .017 | .012 | .007 | |
| 6.0 | .151 | .091 | .049 | .129 | .079 | .042 | .089 | .055 | .030 | .052 | .033 | .018 | .017 | .011 | .006 | |
| 7.0 | .144 | .084 | .043 | .124 | .073 | .037 | .085 | .051 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 8.0 | .137 | .079 | .038 | .118 | .068 | .033 | .082 | .048 | .024 | .048 | .028 | .014 | .015 | .009 | .005 | |
| 9.0 | .131 | .074 | .035 | .113 | .064 | .030 | .078 | .045 | .021 | .046 | .027 | .013 | .015 | .009 | .004 | |
| 10.0 | .126 | .069 | .032 | .108 | .060 | .028 | .075 | .042 | .020 | .044 | .025 | .012 | .014 | .008 | .004 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|------------------|----------------|------|------------------|------|------|------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | | | | | | | | | | |
| NAME: AH5060-30A45上 | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.:AH5060-30A45上 | | | | | DIM.: 1500*50*60 | | | SERIAL No.: | | | |
| MFR.: COLORS | | | | | SUR.:1500*50 | | | 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 | 17.6 | 19.0 | 17.8 | 19.3 | 19.5 | 17.7 | 19.2 | 18.0 | 19.4 | 19.6 | |
| | 3H | 19.0 | 20.4 | 19.4 | 20.7 | 20.9 | 19.2 | 20.6 | 19.5 | 20.9 | 21.1 |
| | 4H | 19.7 | 21.0 | 20.0 | 21.2 | 21.5 | 19.9 | 21.2 | 20.2 | 21.5 | 21.7 |
| | 6H | 20.1 | 21.3 | 20.5 | 21.6 | 21.9 | 20.4 | 21.6 | 20.7 | 21.9 | 22.2 |
| | 8H | 20.2 | 21.4 | 20.6 | 21.7 | 22.0 | 20.6 | 21.7 | 20.9 | 22.0 | 22.4 |
| | 12H | 20.3 | 21.4 | 20.7 | 21.8 | 22.1 | 20.6 | 21.8 | 21.0 | 22.1 | 22.4 |
| 4H | 2H | 18.2 | 19.5 | 18.5 | 19.8 | 20.0 | 18.3 | 19.6 | 18.6 | 19.9 | 20.1 |
| | 3H | 19.9 | 21.0 | 20.2 | 21.3 | 21.7 | 20.0 | 21.2 | 20.4 | 21.5 | 21.8 |
| | 4H | 20.6 | 21.7 | 21.0 | 22.0 | 22.4 | 20.8 | 21.9 | 21.2 | 22.2 | 22.6 |
| | 6H | 21.2 | 22.1 | 21.6 | 22.5 | 22.9 | 21.5 | 22.4 | 21.9 | 22.8 | 23.1 |
| | 8H | 21.4 | 22.3 | 21.8 | 22.6 | 23.1 | 21.7 | 22.5 | 22.1 | 22.9 | 23.3 |
| | 12H | 21.5 | 22.3 | 21.9 | 22.7 | 23.1 | 21.8 | 22.6 | 22.3 | 23.0 | 23.5 |
| 8H | 4H | 20.9 | 21.8 | 21.4 | 22.2 | 22.6 | 21.1 | 22.0 | 21.5 | 22.4 | 22.8 |
| | 6H | 21.7 | 22.4 | 22.1 | 22.8 | 23.3 | 21.9 | 22.6 | 22.4 | 23.1 | 23.5 |
| | 8H | 22.0 | 22.6 | 22.4 | 23.0 | 23.5 | 22.2 | 22.9 | 22.7 | 23.3 | 23.8 |
| | 12H | 22.1 | 22.7 | 22.6 | 23.1 | 23.6 | 22.4 | 23.0 | 22.9 | 23.5 | 24.0 |
| 12H | 4H | 21.0 | 21.8 | 21.4 | 22.2 | 22.6 | 21.1 | 21.9 | 21.6 | 22.3 | 22.7 |
| | 6H | 21.8 | 22.4 | 22.2 | 22.8 | 23.3 | 22.0 | 22.6 | 22.5 | 23.1 | 23.5 |
| | 8H | 22.1 | 22.6 | 22.6 | 23.1 | 23.6 | 22.3 | 22.9 | 22.8 | 23.4 | 23.9 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.3 | | | | | + 0.2 / - 0.2 | | | | | |

CIE Pub.117, 827.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |

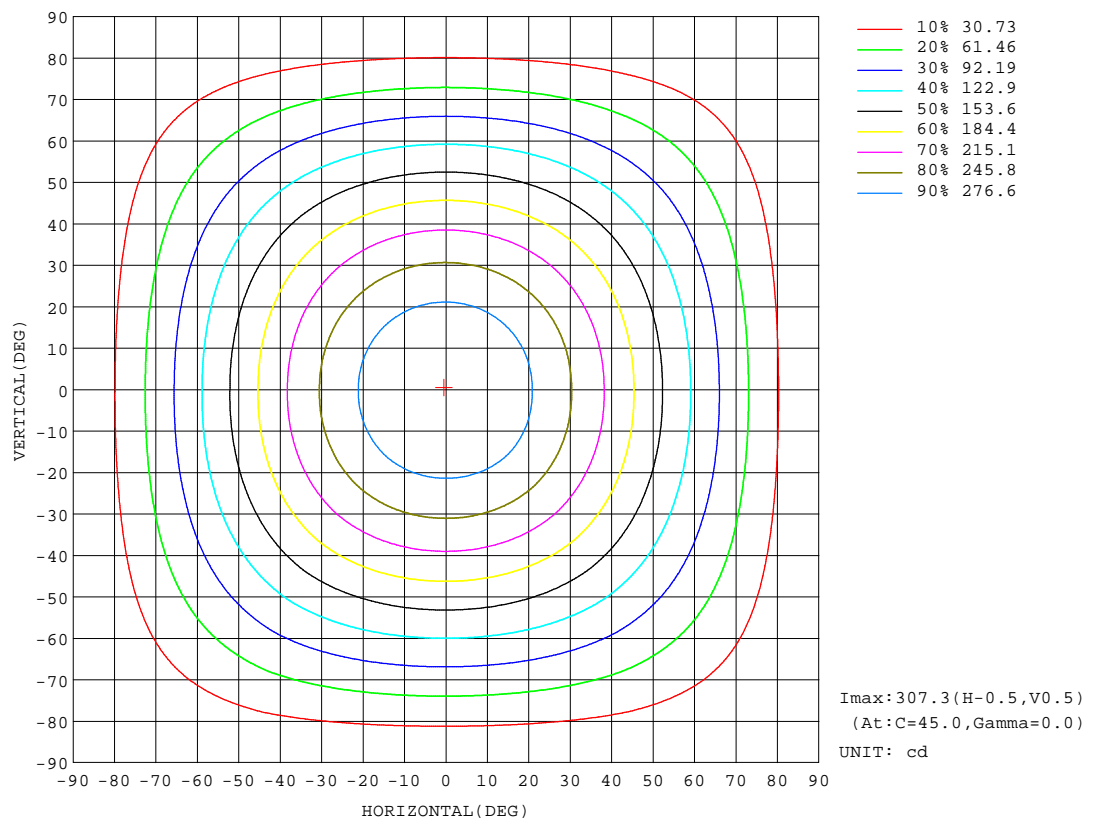
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 57 | 46 | 40 | 56 | 46 | 39 | 33 |
| 0.80 | 68 | 57 | 49 | 67 | 56 | 49 | 65 | 55 | 49 | 42 |
| 1.00 | 76 | 65 | 58 | 75 | 65 | 58 | 73 | 66 | 57 | 50 |
| 1.25 | 83 | 73 | 66 | 82 | 72 | 65 | 79 | 71 | 65 | 57 |
| 1.50 | 88 | 79 | 72 | 87 | 78 | 71 | 83 | 76 | 70 | 62 |
| 2.00 | 95 | 87 | 80 | 93 | 85 | 79 | 89 | 83 | 78 | 70 |
| 2.50 | 99 | 91 | 85 | 97 | 90 | 84 | 93 | 87 | 82 | 74 |
| 3.00 | 102 | 95 | 90 | 100 | 94 | 89 | 96 | 91 | 86 | 78 |
| 4.00 | 106 | 101 | 96 | 104 | 99 | 94 | 99 | 95 | 92 | 82 |
| 5.00 | 109 | 104 | 100 | 106 | 102 | 98 | 101 | 98 | 95 | 85 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |



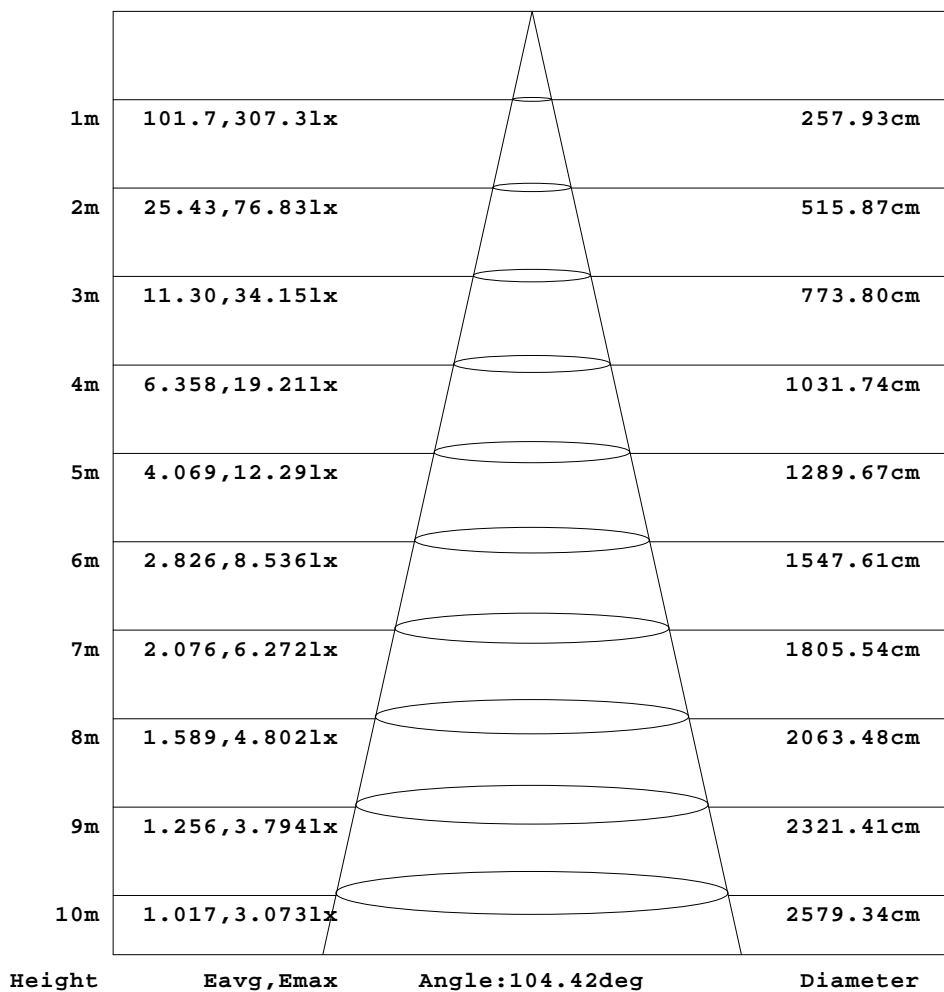
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |

Flux out:562.8 lm



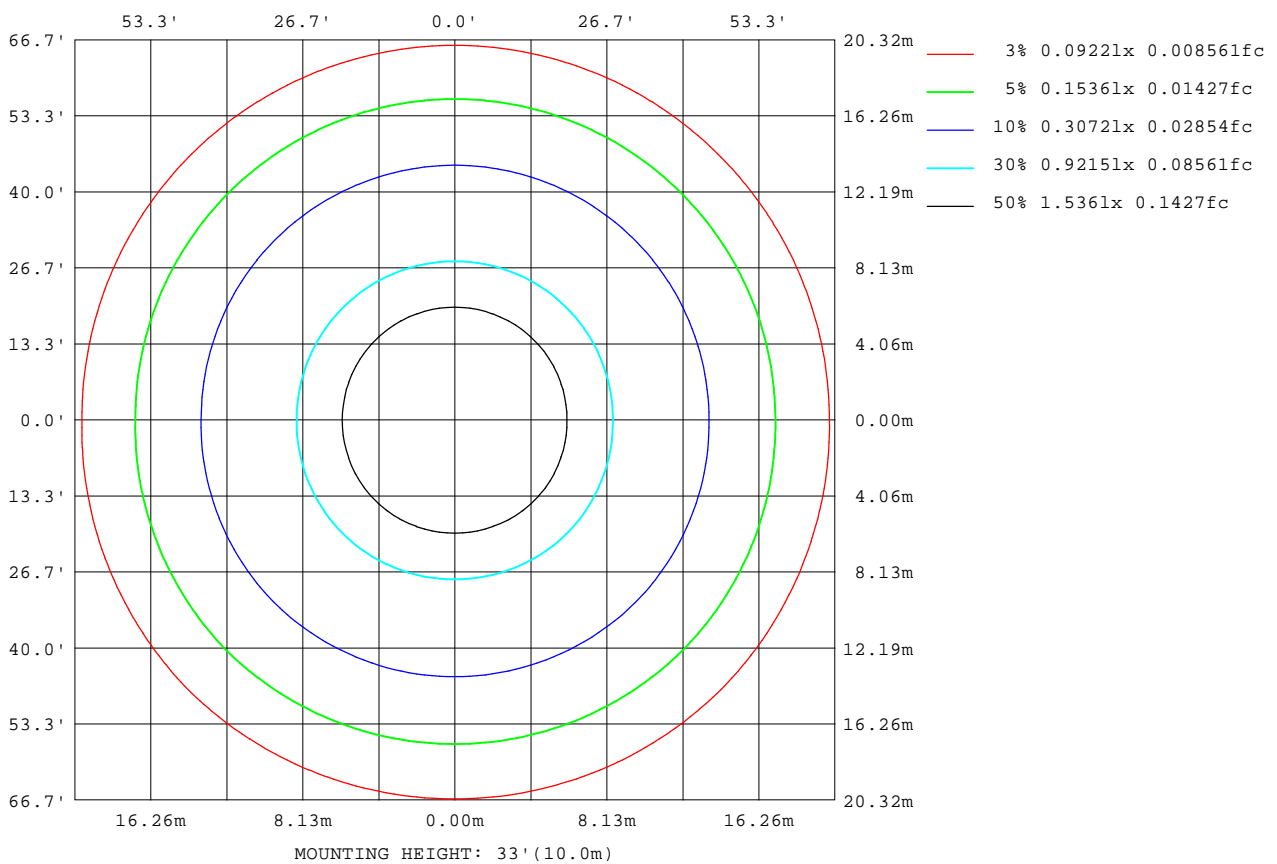
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.950m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |

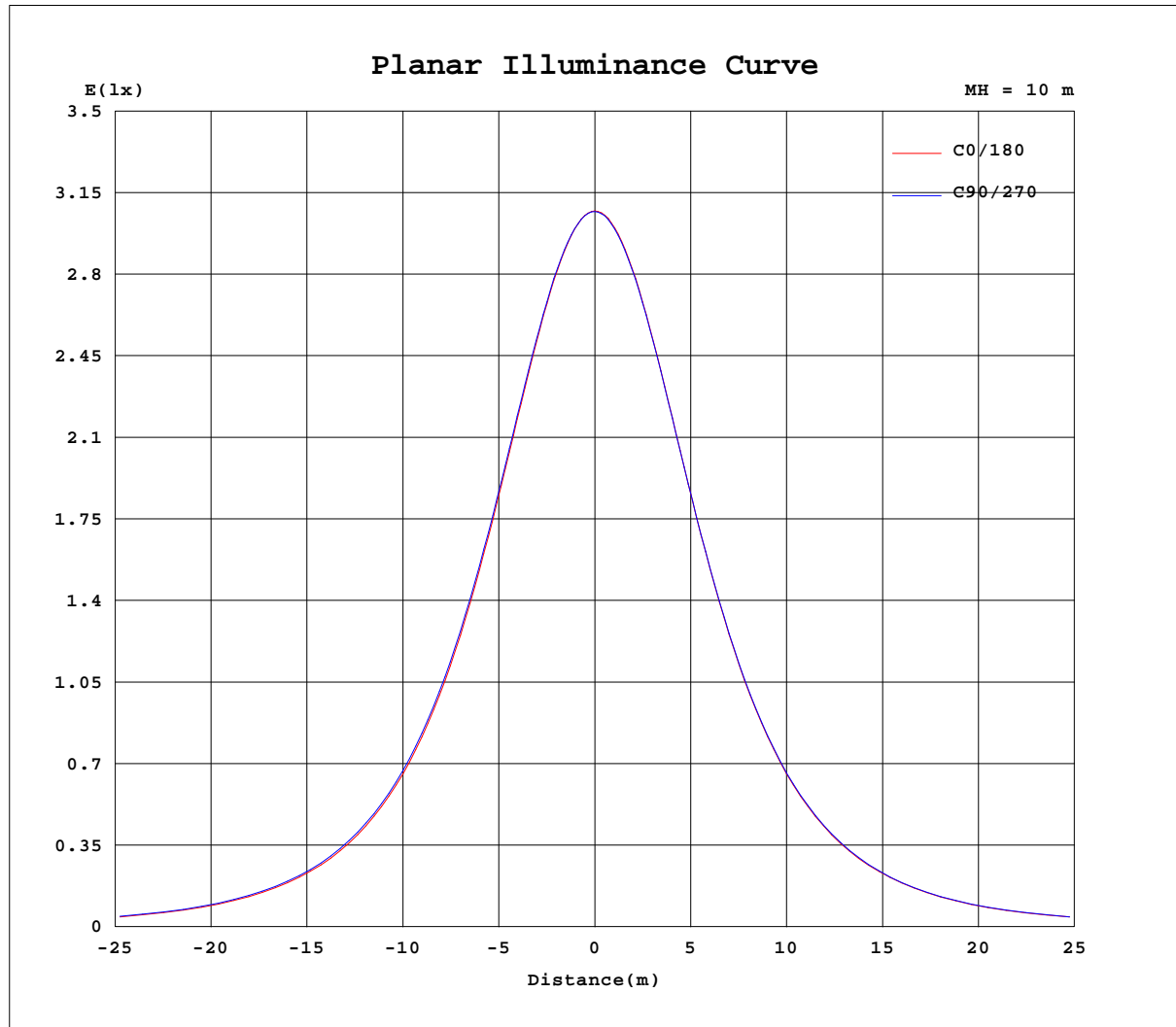
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 3019 |
| L_0~180(75)av | 2686 |
| L_0~180(85)av | 1641 |
| L_90~270(65)av | 3107 |
| L_90~270(75)av | 2817 |
| L_90~270(85)av | 1937 |
| L_45(65)av | 3102 |
| L_45(75)av | 2807 |
| L_45(85)av | 1911 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JYH
Test Date: 2020-04-08

Range: 0 - 180DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|------------------|------------------|
| Test:U:24.00V I:0.9000A P:21.60W PF:1.000 Freq:0Hz Lamp Flux:827.685x1 lm | | |
| NAME: AH5060-30A45上 | TYPE: | WEIGHT: |
| SPEC.:AH5060-30A45上 | DIM.: 1500*50*60 | SERIAL No.: |
| MFR.: COLORS | SUR.:1500*50 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | 307 | | | | | | | | | | |
| 5 | 305 | 306 | 305 | 305 | 306 | 305 | 305 | 305 | | | | | | | | | | |
| 10 | 300 | 301 | 300 | 300 | 300 | 300 | 300 | 300 | | | | | | | | | | |
| 15 | 291 | 292 | 292 | 292 | 292 | 292 | 291 | 291 | | | | | | | | | | |
| 20 | 279 | 281 | 280 | 281 | 280 | 280 | 279 | 279 | | | | | | | | | | |
| 25 | 264 | 266 | 266 | 266 | 265 | 265 | 265 | 265 | | | | | | | | | | |
| 30 | 247 | 250 | 250 | 250 | 248 | 248 | 248 | 248 | | | | | | | | | | |
| 35 | 228 | 231 | 231 | 232 | 229 | 229 | 229 | 229 | | | | | | | | | | |
| 40 | 208 | 211 | 211 | 212 | 208 | 209 | 209 | 208 | | | | | | | | | | |
| 45 | 186 | 190 | 190 | 190 | 186 | 187 | 187 | 187 | | | | | | | | | | |
| 50 | 164 | 168 | 168 | 168 | 163 | 164 | 165 | 164 | | | | | | | | | | |
| 55 | 141 | 146 | 146 | 146 | 141 | 142 | 142 | 142 | | | | | | | | | | |
| 60 | 119 | 123 | 123 | 123 | 118 | 119 | 119 | 119 | | | | | | | | | | |
| 65 | 96.5 | 101 | 101 | 101 | 94.8 | 95.8 | 96.3 | 95.7 | | | | | | | | | | |
| 70 | 74.6 | 78.6 | 78.7 | 79.0 | 72.6 | 73.5 | 74.0 | 73.4 | | | | | | | | | | |
| 75 | 53.2 | 57.0 | 57.1 | 57.5 | 51.1 | 51.8 | 52.3 | 51.6 | | | | | | | | | | |
| 80 | 32.0 | 35.9 | 36.0 | 36.3 | 30.2 | 30.6 | 31.0 | 30.4 | | | | | | | | | | |
| 85 | 11.3 | 14.8 | 14.9 | 15.2 | 10.1 | 10.1 | 10.4 | 9.87 | | | | | | | | | | |
| 90 | 0.32 | 0.53 | 0.70 | 0.60 | 0.13 | 0.31 | 0.57 | 0.45 | | | | | | | | | | |
| 95 | 0.37 | 0.51 | 0.65 | 0.65 | 0.30 | 0.32 | 0.64 | 0.50 | | | | | | | | | | |
| 100 | 0.51 | 0.62 | 0.75 | 0.77 | 0.51 | 0.53 | 0.76 | 0.64 | | | | | | | | | | |
| 105 | 0.67 | 0.74 | 0.83 | 0.85 | 0.74 | 0.75 | 0.88 | 0.82 | | | | | | | | | | |
| 110 | 0.87 | 0.91 | 0.94 | 1.00 | 0.96 | 0.87 | 1.01 | 0.96 | | | | | | | | | | |
| 115 | 1.05 | 1.09 | 1.07 | 1.14 | 1.20 | 1.17 | 1.20 | 1.18 | | | | | | | | | | |
| 120 | 1.26 | 1.28 | 1.25 | 1.30 | 1.46 | 1.36 | 1.44 | 1.42 | | | | | | | | | | |
| 125 | 1.46 | 1.47 | 1.41 | 1.48 | 1.71 | 1.64 | 1.71 | 1.66 | | | | | | | | | | |
| 130 | 1.68 | 1.65 | 1.58 | 1.64 | 1.97 | 1.93 | 1.98 | 1.94 | | | | | | | | | | |
| 135 | 1.89 | 1.80 | 1.74 | 1.80 | 2.24 | 2.27 | 2.29 | 2.26 | | | | | | | | | | |
| 140 | 2.10 | 1.96 | 1.88 | 1.96 | 2.52 | 2.59 | 2.62 | 2.56 | | | | | | | | | | |
| 145 | 2.30 | 2.11 | 2.04 | 2.10 | 2.75 | 2.85 | 2.88 | 2.83 | | | | | | | | | | |
| 150 | 2.52 | 2.28 | 2.20 | 2.27 | 2.94 | 3.09 | 3.08 | 3.01 | | | | | | | | | | |
| 155 | 2.74 | 2.51 | 2.44 | 2.51 | 3.15 | 3.18 | 3.23 | 3.17 | | | | | | | | | | |
| 160 | 2.97 | 2.79 | 2.72 | 2.78 | 3.31 | 3.31 | 3.35 | 3.29 | | | | | | | | | | |
| 165 | 3.21 | 3.08 | 2.99 | 3.07 | 3.47 | 3.41 | 3.46 | 3.39 | | | | | | | | | | |
| 170 | 3.43 | 3.39 | 3.31 | 3.37 | 3.52 | 3.54 | 3.60 | 3.52 | | | | | | | | | | |
| 175 | 3.71 | 3.75 | 3.74 | 3.75 | 3.55 | 3.71 | 3.76 | 3.73 | | | | | | | | | | |
| 180 | 4.06 | 4.01 | 4.04 | 4.01 | 4.03 | 4.03 | 4.02 | 3.97 | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-04-08

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks: