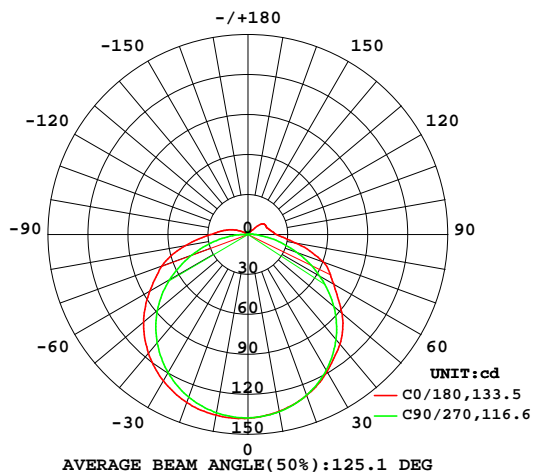


LUMINAIRE PHOTOMETRIC TEST REPORT

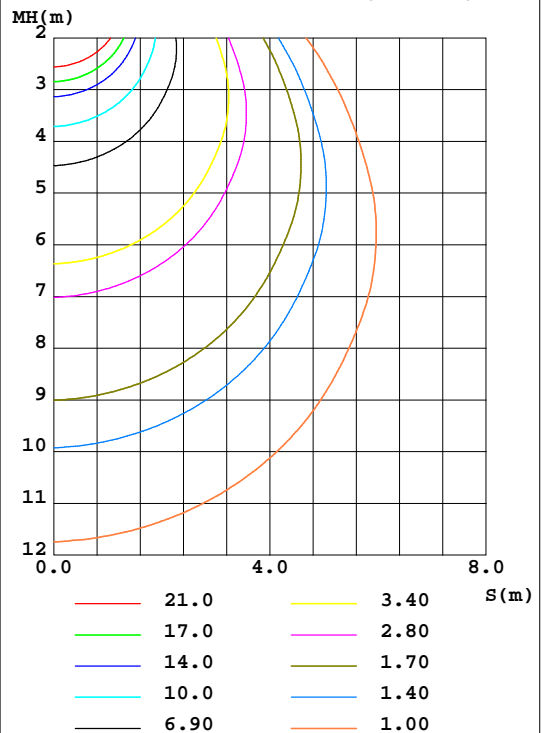
| | | |
|--|-------------------|------------------|
| Test:U:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 89.83 lm/W | | | |
|------------------|----------------|----------------------------------|--------|-------------------|----------|
| MODEL | H852-230V-12MM | I _{max} (cd) | 138.3 | S/MH(C0/180) | 1.37 |
| NOMINAL POWER(W) | 5.4 | LOR(%) | 100.0 | S/MH(C90/270) | 1.29 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 479.95 | h UP,DN(C0-180) | 3.5,45.1 |
| NOMINAL FLUX(lm) | 479.953 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 2.5,48.9 |
| LAMPS INSIDE | 1 | h up(%) | 6.0 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 230 | h down(%) | 94.0 | CIBSE SHR MAX | 1.50 |

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:2020-03-13

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:

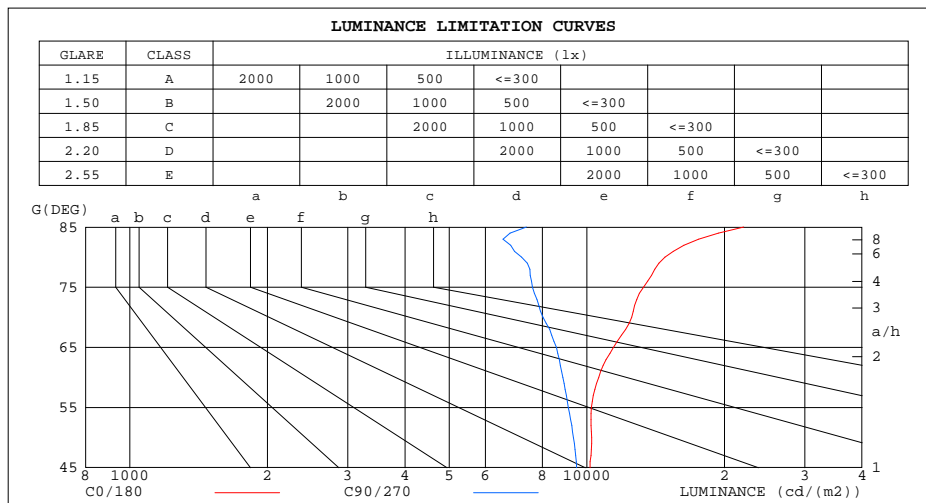
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|--------|--------|-------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 134.7 | 134.9 | 135.0 | 135.1 | 137.7 | 136.9 | 135.8 | 135.6 | 0- 10 | 13.05 | 13.05 | 2.72,2.72 |
| 20 | 128.7 | 128.5 | 128.3 | 128.6 | 134.3 | 132.3 | 129.8 | 129.7 | 10- 20 | 37.66 | 50.71 | 10.6,10.6 |
| 30 | 118.8 | 118.4 | 117.6 | 117.8 | 126.9 | 123.4 | 119.9 | 119.5 | 20- 30 | 57.94 | 108.7 | 22.6,22.6 |
| 40 | 107.5 | 104.2 | 102.8 | 103.1 | 116.2 | 111.0 | 106.1 | 105.6 | 30- 40 | 71.38 | 180.0 | 37.5,37.5 |
| 50 | 92.16 | 87.04 | 84.18 | 84.64 | 102.3 | 95.73 | 88.75 | 87.84 | 40- 50 | 76.52 | 256.6 | 53.5,53.5 |
| 60 | 74.35 | 67.31 | 62.02 | 62.73 | 85.14 | 77.53 | 67.92 | 67.14 | 50- 60 | 72.17 | 328.7 | 68.5,68.5 |
| 70 | 60.05 | 47.11 | 38.41 | 39.28 | 68.58 | 57.56 | 44.47 | 43.64 | 60- 70 | 59.66 | 388.4 | 80.9,80.9 |
| 80 | 36.05 | 29.28 | 17.50 | 17.57 | 47.39 | 36.76 | 22.00 | 20.72 | 70- 80 | 41.45 | 429.8 | 89.6,89.6 |
| 90 | 21.46 | 15.89 | 5.335 | 4.901 | 28.16 | 18.48 | 5.019 | 4.393 | 80- 90 | 21.20 | 451.0 | 94.94 |
| 100 | 17.59 | 12.13 | 1.749 | 1.352 | 18.30 | 10.35 | 0.3872 | 0.2742 | 90-100 | 11.13 | 462.2 | 96.3,96.3 |
| 110 | 15.31 | 8.588 | 0.9144 | 0.8356 | 10.15 | 3.933 | 0.4888 | 0.5067 | 100-110 | 6.713 | 468.9 | 97.7,97.7 |
| 120 | 14.94 | 5.838 | 1.121 | 1.102 | 3.260 | 0.9485 | 0.7953 | 0.7948 | 110-120 | 4.189 | 473.1 | 98.6,98.6 |
| 130 | 11.61 | 1.616 | 1.362 | 1.343 | 1.289 | 1.276 | 1.076 | 1.082 | 120-130 | 2.731 | 475.8 | 99.1,99.1 |
| 140 | 2.558 | 1.630 | 1.523 | 1.523 | 1.463 | 1.542 | 1.329 | 1.316 | 130-140 | 1.535 | 477.3 | 99.5,99.5 |
| 150 | 2.017 | 1.677 | 1.643 | 1.643 | 1.583 | 1.830 | 1.591 | 1.569 | 140-150 | 1.013 | 478.4 | 99.7,99.7 |
| 160 | 2.131 | 1.784 | 1.877 | 1.877 | 1.797 | 2.017 | 1.870 | 1.850 | 150-160 | 0.8264 | 479.2 | 99.8,99.8 |
| 170 | 2.118 | 2.017 | 2.170 | 2.171 | 1.884 | 2.177 | 2.131 | 2.130 | 160-170 | 0.5667 | 479.7 | 100,100 |
| 180 | 2.037 | 2.385 | 2.405 | 2.398 | 2.037 | 2.391 | 2.405 | 2.398 | 170-180 | 0.2062 | 480.0 | 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:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(180) | C0/180 | C90/270 |
| 85 | 22060 | 7374 |
| 80 | 14828 | 7200 |
| 75 | 13310 | 7606 |
| 70 | 12541 | 8022 |
| 65 | 11442 | 8583 |
| 60 | 10621 | 8860 |
| 55 | 10239 | 9117 |
| 50 | 10241 | 9354 |
| 45 | 10160 | 9494 |

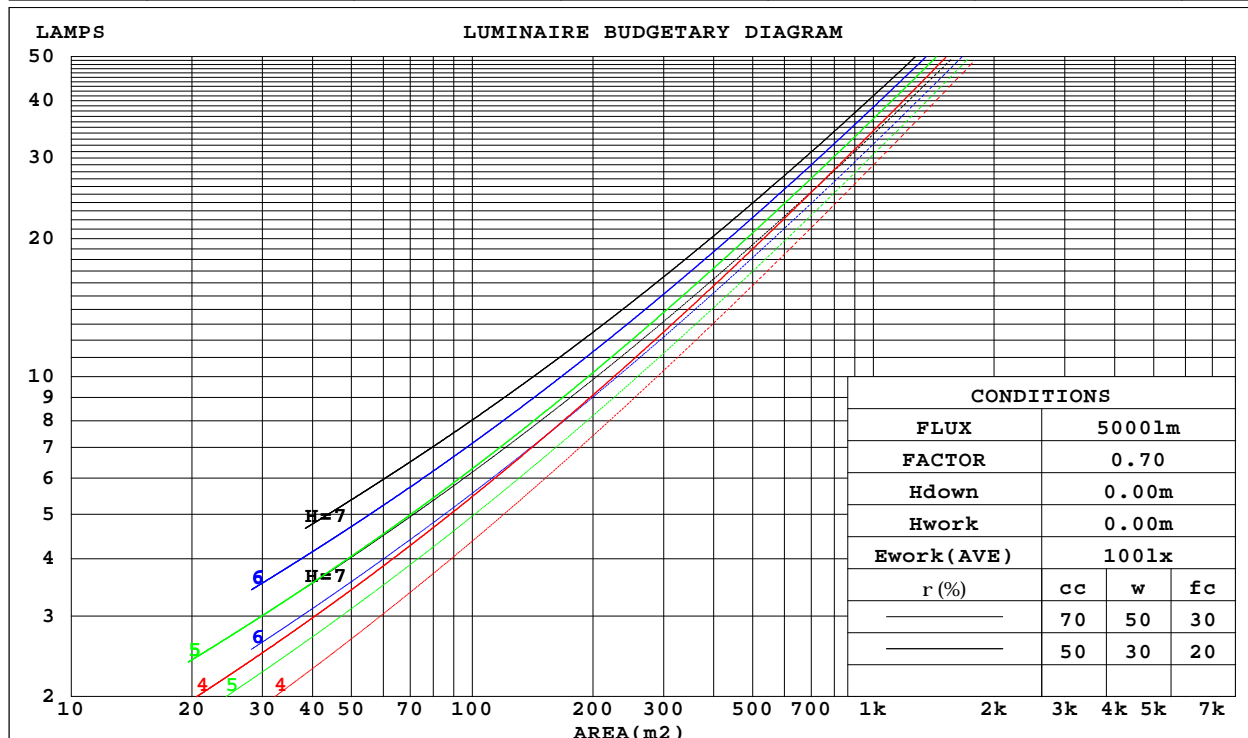
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | 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 | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JYH
 Test Date:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | 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 | .348 .198 .063 | .339 .193 .061 | .322 .185 .059 | .306 .177 .057 | .292 .169 .055 | |
| 2.0 | .314 .172 .053 | .306 .169 .052 | .291 .162 .050 | .277 .156 .049 | .265 .150 .047 | |
| 3.0 | .285 .152 .045 | .278 .149 .045 | .265 .143 .044 | .252 .138 .042 | .240 .133 .041 | |
| 4.0 | .260 .135 .040 | .254 .133 .039 | .241 .128 .038 | .230 .124 .037 | .220 .119 .036 | |
| 5.0 | .238 .121 .035 | .233 .119 .035 | .222 .115 .034 | .212 .112 .033 | .202 .108 .032 | |
| 6.0 | .220 .110 .032 | .214 .108 .031 | .205 .105 .031 | .196 .102 .030 | .187 .098 .029 | |
| 7.0 | .203 .101 .029 | .199 .099 .028 | .190 .096 .028 | .182 .093 .027 | .174 .090 .027 | |
| 8.0 | .189 .092 .026 | .185 .091 .026 | .177 .088 .025 | .170 .086 .025 | .162 .083 .024 | |
| 9.0 | .177 .086 .024 | .173 .084 .024 | .166 .082 .023 | .159 .080 .023 | .152 .077 .022 | |
| 10.0 | .166 .080 .022 | .162 .078 .022 | .156 .076 .021 | .149 .074 .021 | .144 .072 .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 | .236 .236 .236 | .202 .202 .202 | .138 .138 .138 | .079 .079 .079 | .025 .025 .025 | |
| 1.0 | .229 .202 .178 | .196 .173 .153 | .134 .119 .106 | .077 .069 .061 | .025 .022 .020 | |
| 2.0 | .222 .178 .142 | .190 .154 .123 | .130 .106 .086 | .075 .062 .050 | .024 .020 .016 | |
| 3.0 | .214 .161 .119 | .184 .139 .103 | .126 .097 .072 | .073 .056 .043 | .023 .018 .014 | |
| 4.0 | .207 .148 .104 | .177 .128 .090 | .122 .089 .063 | .071 .052 .038 | .023 .017 .012 | |
| 5.0 | .199 .138 .093 | .171 .119 .081 | .118 .083 .057 | .068 .049 .034 | .022 .016 .011 | |
| 6.0 | .192 .130 .086 | .165 .113 .075 | .114 .079 .053 | .066 .046 .031 | .021 .015 .010 | |
| 7.0 | .185 .123 .080 | .159 .107 .070 | .110 .075 .049 | .064 .044 .029 | .021 .014 .010 | |
| 8.0 | .178 .117 .076 | .153 .102 .066 | .106 .072 .047 | .062 .042 .028 | .020 .014 .009 | |
| 9.0 | .172 .113 .073 | .148 .098 .063 | .103 .069 .045 | .060 .041 .027 | .019 .013 .009 | |
| 10.0 | .166 .108 .070 | .143 .094 .061 | .099 .066 .043 | .058 .039 .026 | .019 .013 .009 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | | | | | | | | | | |
| NAME: H852-230V-12MM | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.:H852-230V-12MM | | | | | DIM.: 1000*14*5mm | | | SERIAL No.:01 | | | |
| MFR.: COLORS | | | | | SUR.:1000*14 | | | 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 | 23.2 | 24.7 | 23.5 | 25.0 | 25.3 | 22.6 | 24.1 | 22.9 | 24.4 | 24.7 | |
| | 3H | 25.4 | 26.8 | 25.8 | 27.1 | 27.5 | 24.1 | 25.5 | 24.5 | 25.8 | 26.2 |
| | 4H | 26.5 | 27.8 | 26.9 | 28.1 | 28.5 | 24.8 | 26.1 | 25.2 | 26.5 | 26.8 |
| | 6H | 27.4 | 28.7 | 27.9 | 29.1 | 29.5 | 25.3 | 26.5 | 25.7 | 26.9 | 27.3 |
| | 8H | 27.9 | 29.1 | 28.3 | 29.5 | 29.9 | 25.4 | 26.6 | 25.9 | 27.0 | 27.5 |
| | 12H | 28.4 | 29.6 | 28.9 | 30.0 | 30.4 | 25.6 | 26.7 | 26.0 | 27.1 | 27.6 |
| 4H | 2H | 23.8 | 25.1 | 24.2 | 25.4 | 25.8 | 23.3 | 24.6 | 23.7 | 25.0 | 25.4 |
| | 3H | 26.2 | 27.3 | 26.6 | 27.7 | 28.2 | 25.1 | 26.2 | 25.5 | 26.7 | 27.1 |
| | 4H | 27.4 | 28.5 | 27.9 | 28.9 | 29.4 | 25.9 | 27.0 | 26.4 | 27.4 | 27.9 |
| | 6H | 28.6 | 29.5 | 29.1 | 30.0 | 30.5 | 26.6 | 27.6 | 27.1 | 28.0 | 28.5 |
| | 8H | 29.1 | 30.0 | 29.6 | 30.5 | 31.0 | 26.8 | 27.7 | 27.3 | 28.2 | 28.7 |
| | 12H | 29.8 | 30.6 | 30.3 | 31.1 | 31.6 | 27.0 | 27.8 | 27.5 | 28.3 | 28.9 |
| 8H | 4H | 27.7 | 28.6 | 28.2 | 29.1 | 29.6 | 26.5 | 27.4 | 27.0 | 27.8 | 28.3 |
| | 6H | 29.1 | 29.8 | 29.6 | 30.4 | 30.9 | 27.4 | 28.1 | 27.9 | 28.6 | 29.2 |
| | 8H | 29.8 | 30.5 | 30.4 | 31.0 | 31.6 | 27.8 | 28.4 | 28.3 | 29.0 | 29.5 |
| | 12H | 30.6 | 31.2 | 31.2 | 31.8 | 32.4 | 28.1 | 28.7 | 28.7 | 29.2 | 29.8 |
| 12H | 4H | 27.7 | 28.6 | 28.3 | 29.1 | 29.6 | 26.6 | 27.4 | 27.1 | 27.9 | 28.4 |
| | 6H | 29.2 | 29.9 | 29.7 | 30.4 | 31.0 | 27.6 | 28.3 | 28.2 | 28.8 | 29.4 |
| | 8H | 30.0 | 30.6 | 30.6 | 31.1 | 31.7 | 28.1 | 28.6 | 28.6 | 29.2 | 29.8 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.4 | | | | | |

CIE Pub.117, 480.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |

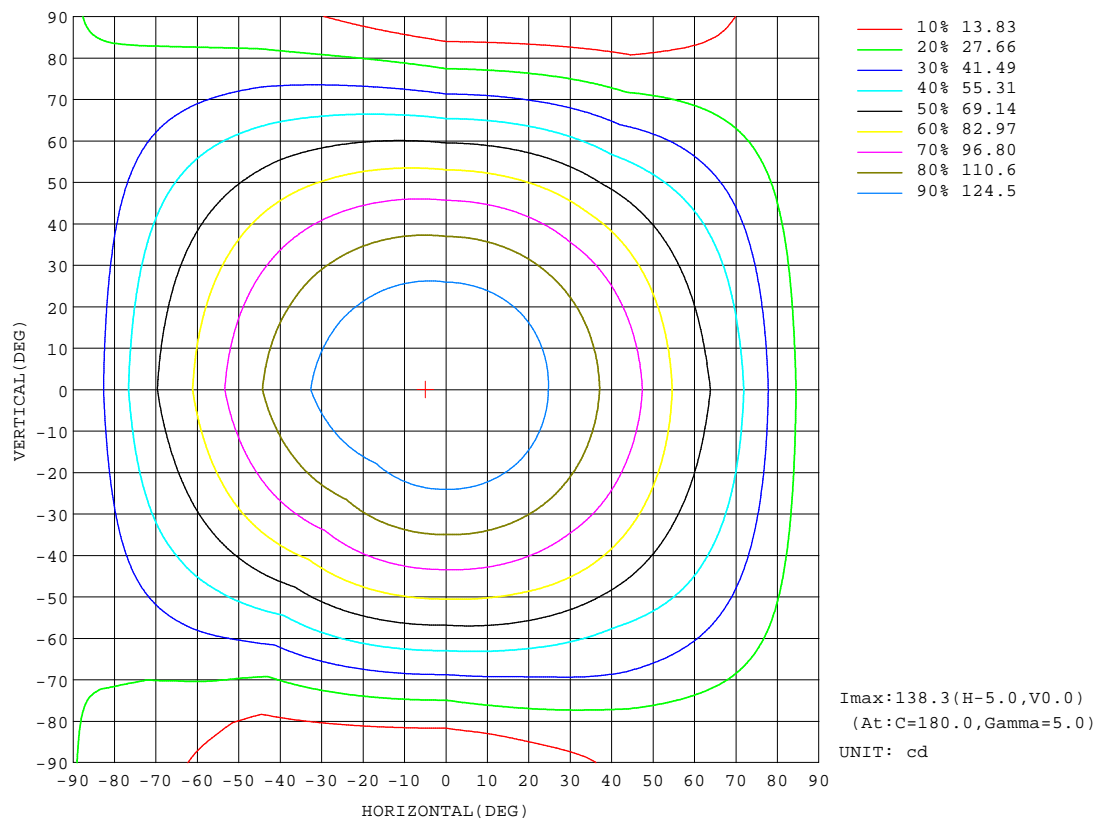
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 53 | 41 | 34 | 52 | 41 | 34 | 51 | 40 | 34 | 27 |
| 0.80 | 63 | 51 | 43 | 62 | 50 | 43 | 60 | 49 | 42 | 35 |
| 1.00 | 71 | 59 | 51 | 70 | 58 | 51 | 67 | 60 | 50 | 42 |
| 1.25 | 78 | 67 | 59 | 76 | 66 | 58 | 73 | 64 | 57 | 49 |
| 1.50 | 83 | 72 | 64 | 81 | 71 | 64 | 78 | 69 | 62 | 54 |
| 2.00 | 90 | 81 | 73 | 88 | 79 | 72 | 84 | 76 | 70 | 61 |
| 2.50 | 95 | 86 | 79 | 92 | 84 | 78 | 87 | 81 | 75 | 65 |
| 3.00 | 98 | 90 | 84 | 95 | 88 | 82 | 91 | 85 | 80 | 69 |
| 4.00 | 102 | 96 | 90 | 100 | 94 | 88 | 94 | 89 | 85 | 74 |
| 5.00 | 105 | 99 | 95 | 102 | 97 | 93 | 97 | 92 | 89 | 78 |
| 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:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |



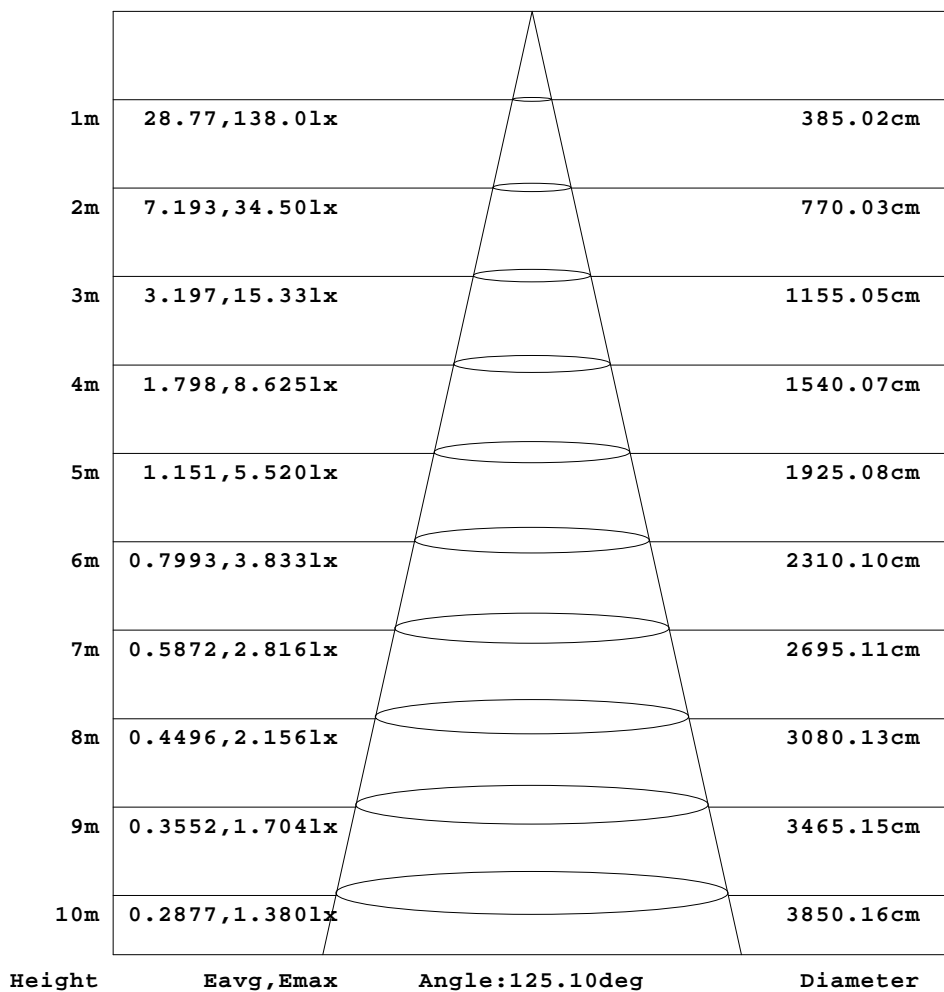
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

deg 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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |

Flux out:348.2 lm



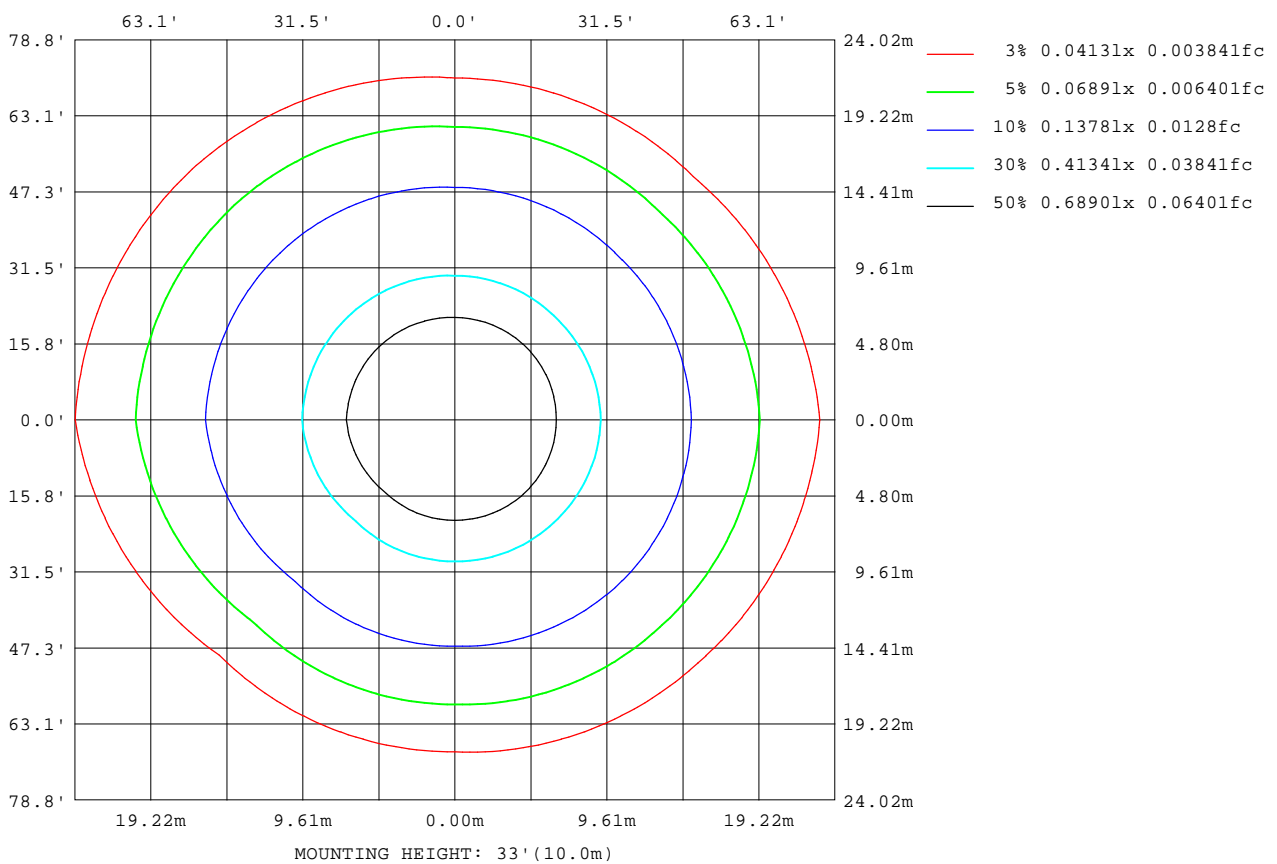
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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

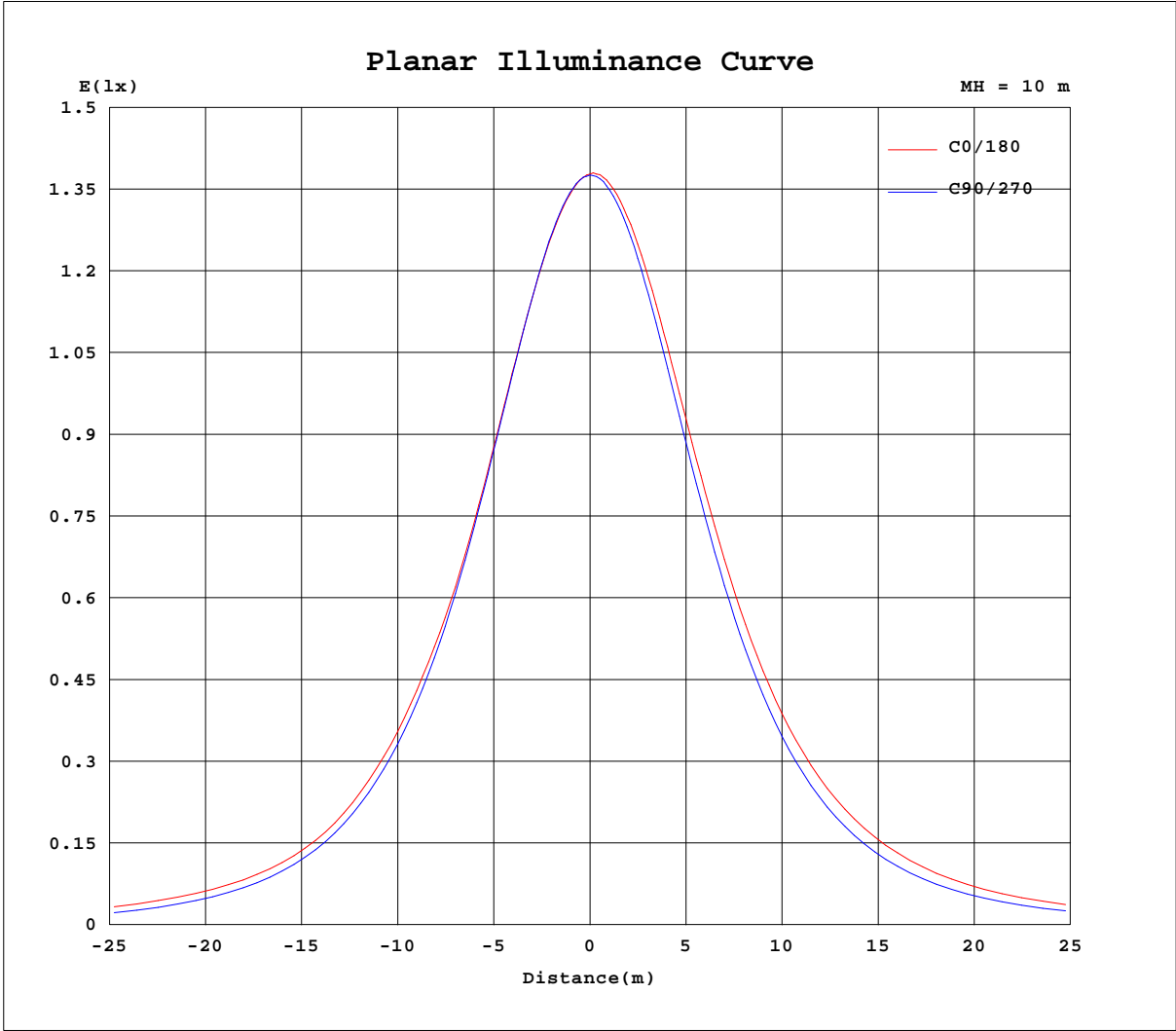
| | | |
|--|-------------------|------------------|
| Test:U:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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:2020-03-13

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:230.6V I:0.0250A P:5.343W PF:0.9253 Freq:49.99Hz Lamp Flux:479.953x1 lm | | |
| NAME: H852-230V-12MM | TYPE: | WEIGHT: |
| SPEC.:H852-230V-12MM | DIM.: 1000*14*5mm | SERIAL No.:01 |
| MFR.: COLORS | SUR.:1000*14 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | | | | | | | | | | |
| 5 | 137 | 137 | 137 | 137 | 138 | 138 | 137 | 137 | | | | | | | | | | |
| 10 | 135 | 135 | 135 | 135 | 138 | 137 | 136 | 136 | | | | | | | | | | |
| 15 | 132 | 132 | 132 | 132 | 136 | 135 | 133 | 133 | | | | | | | | | | |
| 20 | 129 | 128 | 128 | 129 | 134 | 132 | 130 | 130 | | | | | | | | | | |
| 25 | 124 | 124 | 124 | 124 | 131 | 128 | 125 | 125 | | | | | | | | | | |
| 30 | 119 | 118 | 118 | 118 | 127 | 123 | 120 | 120 | | | | | | | | | | |
| 35 | 113 | 112 | 111 | 111 | 122 | 118 | 113 | 113 | | | | | | | | | | |
| 40 | 107 | 104 | 103 | 103 | 116 | 111 | 106 | 106 | | | | | | | | | | |
| 45 | 101 | 96.0 | 94.0 | 94.3 | 110 | 104 | 97.9 | 97.1 | | | | | | | | | | |
| 50 | 92.2 | 87.0 | 84.2 | 84.6 | 102 | 95.7 | 88.8 | 87.8 | | | | | | | | | | |
| 55 | 82.2 | 78.6 | 73.2 | 74.1 | 94.0 | 86.9 | 78.9 | 78.0 | | | | | | | | | | |
| 60 | 74.3 | 67.3 | 62.0 | 62.7 | 85.1 | 77.5 | 67.9 | 67.1 | | | | | | | | | | |
| 65 | 67.7 | 57.1 | 50.8 | 51.3 | 76.3 | 67.4 | 56.1 | 55.5 | | | | | | | | | | |
| 70 | 60.0 | 47.1 | 38.4 | 39.3 | 68.6 | 57.6 | 44.5 | 43.6 | | | | | | | | | | |
| 75 | 48.2 | 39.7 | 27.6 | 27.6 | 59.0 | 47.6 | 33.0 | 32.0 | | | | | | | | | | |
| 80 | 36.0 | 29.3 | 17.5 | 17.6 | 47.4 | 36.8 | 22.0 | 20.7 | | | | | | | | | | |
| 85 | 26.9 | 20.5 | 9.00 | 8.46 | 36.7 | 26.6 | 11.7 | 10.9 | | | | | | | | | | |
| 90 | 21.5 | 15.9 | 5.33 | 4.90 | 28.2 | 18.5 | 5.02 | 4.39 | | | | | | | | | | |
| 95 | 19.3 | 14.2 | 3.79 | 3.24 | 22.8 | 13.5 | 2.56 | 1.99 | | | | | | | | | | |
| 100 | 17.6 | 12.1 | 1.75 | 1.35 | 18.3 | 10.3 | 0.39 | 0.27 | | | | | | | | | | |
| 105 | 16.2 | 10.3 | 0.91 | 0.73 | 14.0 | 7.27 | 0.39 | 0.37 | | | | | | | | | | |
| 110 | 15.3 | 8.59 | 0.91 | 0.84 | 10.1 | 3.93 | 0.49 | 0.51 | | | | | | | | | | |
| 115 | 15.0 | 7.04 | 0.98 | 0.97 | 6.49 | 1.32 | 0.67 | 0.65 | | | | | | | | | | |
| 120 | 14.9 | 5.84 | 1.12 | 1.10 | 3.26 | 0.95 | 0.80 | 0.79 | | | | | | | | | | |
| 125 | 14.1 | 2.42 | 1.25 | 1.24 | 1.58 | 1.12 | 0.94 | 0.94 | | | | | | | | | | |
| 130 | 11.6 | 1.62 | 1.36 | 1.34 | 1.29 | 1.28 | 1.08 | 1.08 | | | | | | | | | | |
| 135 | 5.02 | 1.60 | 1.46 | 1.44 | 1.39 | 1.41 | 1.21 | 1.21 | | | | | | | | | | |
| 140 | 2.56 | 1.63 | 1.52 | 1.52 | 1.46 | 1.54 | 1.33 | 1.32 | | | | | | | | | | |
| 145 | 1.98 | 1.65 | 1.58 | 1.58 | 1.54 | 1.68 | 1.45 | 1.44 | | | | | | | | | | |
| 150 | 2.02 | 1.68 | 1.64 | 1.64 | 1.58 | 1.83 | 1.59 | 1.57 | | | | | | | | | | |
| 155 | 2.07 | 1.72 | 1.72 | 1.72 | 1.70 | 1.96 | 1.74 | 1.72 | | | | | | | | | | |
| 160 | 2.13 | 1.78 | 1.88 | 1.88 | 1.80 | 2.02 | 1.87 | 1.85 | | | | | | | | | | |
| 165 | 2.18 | 1.88 | 2.04 | 2.03 | 1.90 | 2.10 | 2.00 | 2.00 | | | | | | | | | | |
| 170 | 2.12 | 2.02 | 2.17 | 2.17 | 1.88 | 2.18 | 2.13 | 2.13 | | | | | | | | | | |
| 175 | 2.00 | 2.20 | 2.30 | 2.30 | 1.86 | 2.28 | 2.28 | 2.26 | | | | | | | | | | |
| 180 | 2.04 | 2.38 | 2.40 | 2.40 | 2.04 | 2.39 | 2.40 | 2.40 | | | | | | | | | | |

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C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2020-03-13

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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: