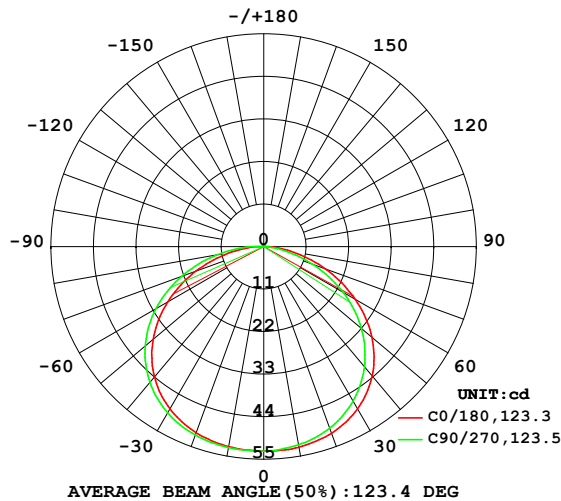


LUMINAIRE PHOTOMETRIC TEST REPORT

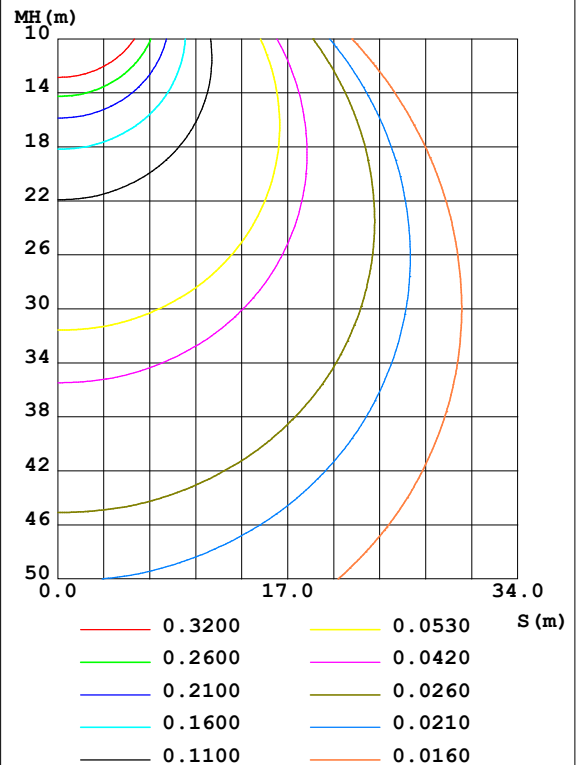
| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 37.38 lm/W | | | |
|------------------|---------|----------------------------------|--------|------------------------|----------|
| MODEL | | Imax(cd) | 52.98 | S/MH(C0/180) | 1.36 |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 1.40 |
| RATED VOLTAGE(V) | | TOTAL FLUX(lm) | 174.93 | η UP,DN(C0-180) | 0.3,45.8 |
| NOMINAL FLUX(lm) | 174.935 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.5,53.3 |
| LAMPS INSIDE | 1 | η up(%) | 0.9 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | | η down(%) | 99.1 | CIBSE SHR MAX | 1.55 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [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 |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 52.66 | 52.22 | 52.02 | 52.25 | 52.50 | 52.69 | 52.75 | 52.72 | 0- 10 | 5.030 | 5.030 | 2.88,2.88 |
| 20 | 51.34 | 50.40 | 49.96 | 50.60 | 51.24 | 51.68 | 51.82 | 51.72 | 10- 20 | 14.70 | 19.73 | 11.3,11.3 |
| 30 | 48.50 | 46.92 | 46.19 | 47.37 | 48.51 | 49.47 | 49.66 | 49.46 | 20- 30 | 23.03 | 42.76 | 24.4,24.4 |
| 40 | 43.64 | 41.49 | 40.54 | 42.24 | 43.96 | 45.53 | 45.78 | 45.42 | 30- 40 | 28.90 | 71.66 | 41,41 |
| 50 | 36.50 | 33.98 | 32.99 | 35.06 | 37.30 | 39.53 | 40.00 | 39.25 | 40- 50 | 31.21 | 102.9 | 58.8,58.8 |
| 60 | 27.36 | 24.65 | 23.73 | 25.97 | 28.67 | 31.53 | 32.24 | 30.96 | 50- 60 | 29.22 | 132.1 | 75.5,75.5 |
| 70 | 17.07 | 14.32 | 13.49 | 15.66 | 18.75 | 21.86 | 22.59 | 20.84 | 60- 70 | 22.95 | 155.0 | 88.6,88.6 |
| 80 | 7.029 | 5.109 | 4.248 | 6.040 | 8.497 | 11.54 | 12.12 | 10.35 | 70- 80 | 13.70 | 168.7 | 96.5,96.5 |
| 90 | 0.5685 | 0.3815 | 0.2138 | 0.5024 | 1.209 | 2.908 | 2.926 | 2.116 | 80- 90 | 4.698 | 173.4 | 99.1,99.1 |
| 100 | 0.1215 | 0.1214 | 0.1064 | 0.1212 | 0.1215 | 0.1815 | 0.1064 | 0.1061 | 90-100 | 0.5362 | 174.0 | 99.4,99.4 |
| 110 | 0.1215 | 0.1214 | 0.1064 | 0.1212 | 0.1671 | 0.1063 | 0.1368 | 0.1665 | 100-110 | 0.1429 | 174.1 | 99.5,99.5 |
| 120 | 0.1215 | 0.1214 | 0.1064 | 0.1212 | 0.1823 | 0.1063 | 0.1520 | 0.1820 | 110-120 | 0.1440 | 174.3 | 99.6,99.6 |
| 130 | 0.1365 | 0.1518 | 0.1520 | 0.1970 | 0.2129 | 0.2125 | 0.1824 | 0.2273 | 120-130 | 0.1520 | 174.4 | 99.7,99.7 |
| 140 | 0.2279 | 0.2277 | 0.2280 | 0.2121 | 0.2733 | 0.2277 | 0.2430 | 0.2273 | 130-140 | 0.1578 | 174.6 | 99.8,99.8 |
| 150 | 0.2583 | 0.2427 | 0.2430 | 0.2576 | 0.2736 | 0.2732 | 0.2431 | 0.2578 | 140-150 | 0.1475 | 174.7 | 99.9,99.9 |
| 160 | 0.2583 | 0.2580 | 0.2583 | 0.2879 | 0.2887 | 0.2734 | 0.2735 | 0.2728 | 150-160 | 0.1200 | 174.8 | 99.9,99.9 |
| 170 | 0.2887 | 0.2580 | 0.2583 | 0.2423 | 0.2887 | 0.2884 | 0.2887 | 0.2728 | 160-170 | 0.0767 | 174.9 | 100,100 |
| 180 | 0.3038 | 0.2732 | 0.3039 | 0.2879 | 0.3038 | 0.2884 | 0.2887 | 0.2728 | 170-180 | 0.0262 | 174.9 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 87.233 lm

%lum = 49.9%

%lamp = 49.9%

Conical surface Flux(120deg): 132.09 lm

%lum = 75.5%

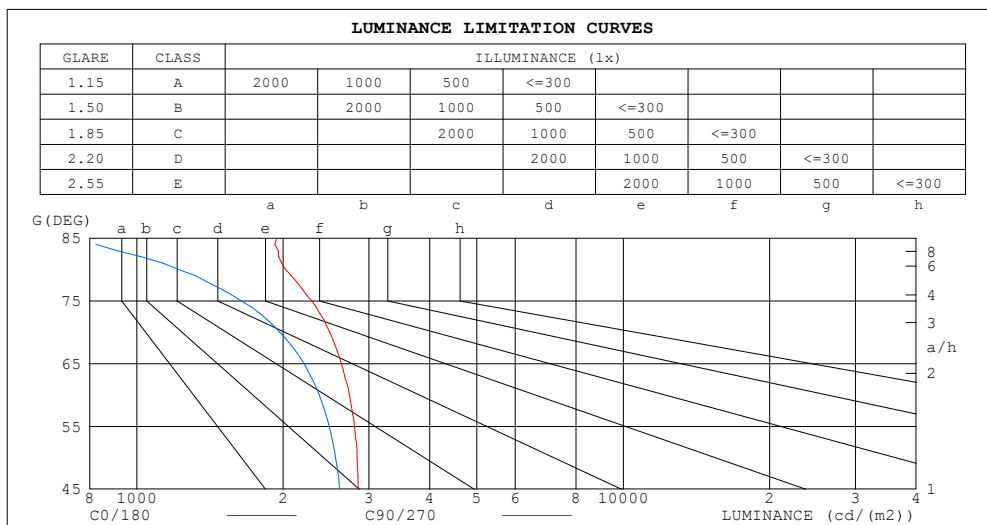
%lamp = 75.5%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 1938 | 743 |
| 80 | 2023 | 1222 |
| 75 | 2290 | 1642 |
| 70 | 2494 | 1971 |
| 65 | 2635 | 2209 |
| 60 | 2734 | 2371 |
| 55 | 2803 | 2485 |
| 50 | 2838 | 2564 |
| 45 | 2853 | 2611 |

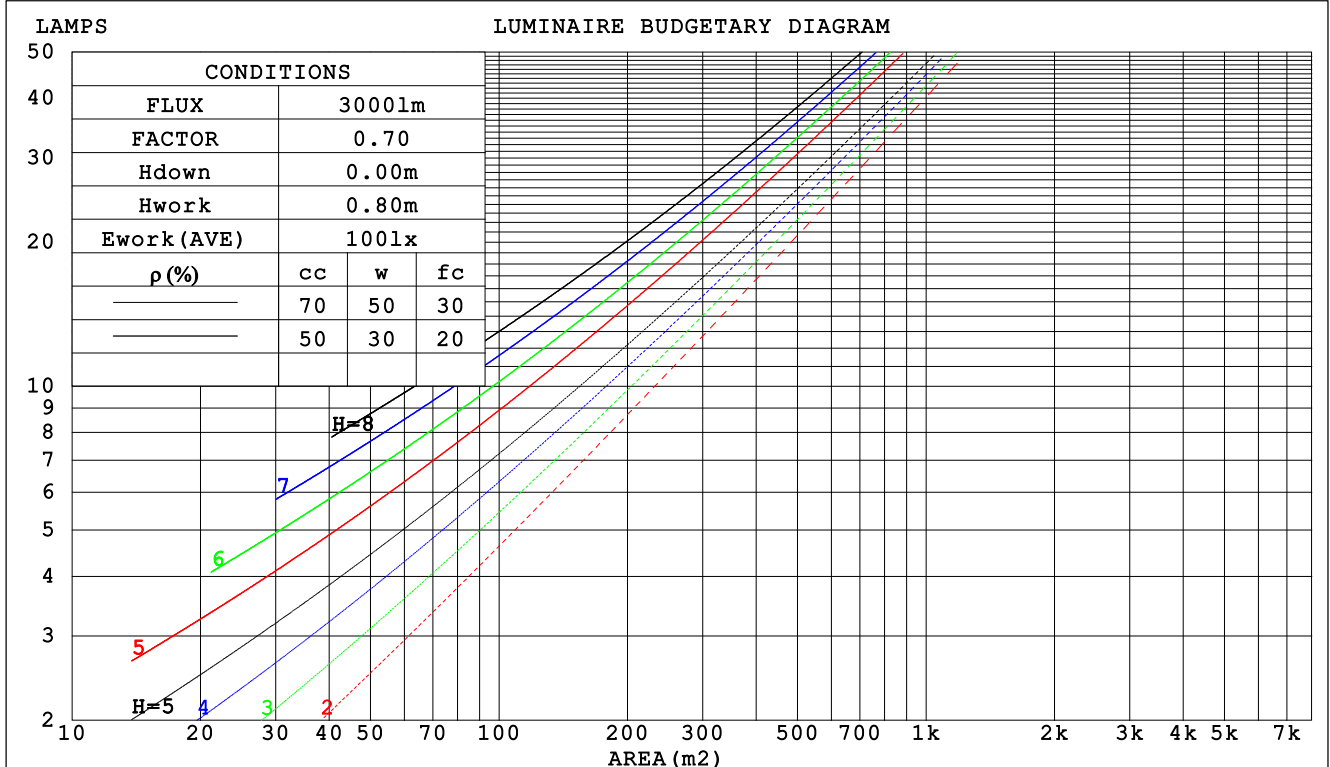
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| p _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| p _{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JINZHI
 Test Date:2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz | | |
| Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | 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 | .327 | .186 | .059 | .319 | .182 | .058 | .306 | .175 | .056 | .293 | .169 | .054 | .281 | .163 | .053 | | |
| 2.0 | .304 | .167 | .051 | .297 | .164 | .050 | .285 | .159 | .049 | .274 | .154 | .048 | .263 | .149 | .047 | | |
| 3.0 | .279 | .149 | .045 | .274 | .147 | .044 | .263 | .142 | .043 | .253 | .138 | .042 | .243 | .135 | .042 | | |
| 4.0 | .257 | .133 | .039 | .252 | .132 | .039 | .242 | .128 | .038 | .233 | .125 | .038 | .225 | .122 | .037 | | |
| 5.0 | .237 | .121 | .035 | .232 | .119 | .035 | .223 | .116 | .034 | .215 | .114 | .034 | .208 | .111 | .033 | | |
| 6.0 | .219 | .110 | .031 | .215 | .108 | .031 | .207 | .106 | .031 | .200 | .104 | .031 | .193 | .102 | .030 | | |
| 7.0 | .203 | .100 | .028 | .200 | .099 | .028 | .193 | .097 | .028 | .186 | .095 | .028 | .180 | .094 | .028 | | |
| 8.0 | .189 | .093 | .026 | .186 | .092 | .026 | .180 | .090 | .026 | .174 | .088 | .025 | .169 | .087 | .025 | | |
| 9.0 | .177 | .086 | .024 | .174 | .085 | .024 | .169 | .083 | .024 | .164 | .082 | .023 | .159 | .081 | .023 | | |
| 10.0 | .166 | .080 | .022 | .164 | .079 | .022 | .159 | .078 | .022 | .154 | .076 | .022 | .150 | .075 | .022 | | |

| 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 | .197 | .197 | .197 | .168 | .168 | .168 | .115 | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 | |
| 1.0 | .188 | .163 | .140 | .161 | .140 | .120 | .110 | .096 | .083 | .063 | .056 | .048 | .020 | .018 | .016 | |
| 2.0 | .181 | .138 | .103 | .155 | .119 | .089 | .106 | .082 | .062 | .061 | .048 | .036 | .020 | .016 | .012 | |
| 3.0 | .173 | .121 | .080 | .148 | .104 | .069 | .102 | .073 | .048 | .059 | .042 | .029 | .019 | .014 | .009 | |
| 4.0 | .165 | .108 | .064 | .142 | .093 | .056 | .098 | .065 | .039 | .056 | .038 | .023 | .018 | .012 | .008 | |
| 5.0 | .158 | .098 | .053 | .136 | .084 | .046 | .093 | .059 | .033 | .054 | .035 | .019 | .017 | .011 | .006 | |
| 6.0 | .151 | .089 | .045 | .130 | .077 | .039 | .089 | .054 | .028 | .052 | .032 | .017 | .017 | .010 | .005 | |
| 7.0 | .144 | .082 | .039 | .124 | .071 | .034 | .085 | .050 | .024 | .050 | .030 | .014 | .016 | .010 | .005 | |
| 8.0 | .137 | .077 | .035 | .118 | .066 | .031 | .082 | .047 | .022 | .048 | .028 | .013 | .015 | .009 | .004 | |
| 9.0 | .131 | .072 | .032 | .113 | .062 | .028 | .078 | .044 | .020 | .046 | .026 | .012 | .015 | .008 | .004 | |
| 10.0 | .125 | .067 | .029 | .108 | .059 | .025 | .075 | .041 | .018 | .044 | .024 | .011 | .014 | .008 | .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|--------------|----------------|------|------------------|------|------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz | | | | | | | | | | |
| Lamp Flux:174.935x1 lm | | | | | | | | | | |
| NAME: 02 RGB+CCT R | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: 0.02*1 | | | 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 | 22.2 | 23.8 | 22.5 | 24.0 | 24.2 | 21.7 | 23.2 | 22.0 | 23.5 | 23.7 |
| 3H | 23.8 | 25.2 | 24.1 | 25.5 | 25.7 | 23.0 | 24.4 | 23.3 | 24.7 | 24.9 |
| 4H | 24.4 | 25.7 | 24.7 | 26.0 | 26.3 | 23.4 | 24.8 | 23.7 | 25.0 | 25.3 |
| 6H | 24.8 | 26.1 | 25.1 | 26.4 | 26.7 | 23.6 | 24.9 | 24.0 | 25.2 | 25.5 |
| 8H | 24.9 | 26.2 | 25.3 | 26.5 | 26.8 | 23.7 | 24.9 | 24.0 | 25.2 | 25.5 |
| 12H | 25.0 | 26.2 | 25.4 | 26.5 | 26.8 | 23.6 | 24.8 | 24.0 | 25.2 | 25.5 |
| 4H 2H | 22.7 | 24.1 | 23.1 | 24.4 | 24.6 | 22.3 | 23.7 | 22.6 | 23.9 | 24.2 |
| 3H | 24.4 | 25.6 | 24.8 | 25.9 | 26.3 | 23.7 | 24.9 | 24.1 | 25.3 | 25.6 |
| 4H | 25.1 | 26.2 | 25.5 | 26.6 | 26.9 | 24.3 | 25.4 | 24.7 | 25.7 | 26.1 |
| 6H | 25.6 | 26.6 | 26.1 | 27.0 | 27.4 | 24.6 | 25.6 | 25.0 | 25.9 | 26.3 |
| 8H | 25.8 | 26.7 | 26.3 | 27.1 | 27.5 | 24.6 | 25.5 | 25.1 | 25.9 | 26.3 |
| 12H | 26.0 | 26.8 | 26.4 | 27.2 | 27.6 | 24.6 | 25.5 | 25.1 | 25.9 | 26.3 |
| 8H 4H | 25.3 | 26.2 | 25.7 | 26.6 | 27.0 | 24.5 | 25.4 | 24.9 | 25.8 | 26.2 |
| 6H | 25.9 | 26.7 | 26.4 | 27.1 | 27.5 | 24.9 | 25.7 | 25.4 | 26.1 | 26.5 |
| 8H | 26.2 | 26.8 | 26.6 | 27.3 | 27.7 | 25.0 | 25.7 | 25.5 | 26.1 | 26.6 |
| 12H | 26.4 | 27.0 | 26.9 | 27.4 | 27.9 | 25.1 | 25.6 | 25.6 | 26.1 | 26.6 |
| 12H 4H | 25.3 | 26.1 | 25.7 | 26.5 | 26.9 | 24.5 | 25.3 | 24.9 | 25.7 | 26.2 |
| 6H | 25.9 | 26.6 | 26.4 | 27.0 | 27.5 | 24.9 | 25.6 | 25.4 | 26.1 | 26.5 |
| 8H | 26.2 | 26.8 | 26.7 | 27.2 | 27.7 | 25.1 | 25.7 | 25.6 | 26.1 | 26.6 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.3 | | | | |

CIE Pub.117, 174.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.1)
Area: 0.02 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

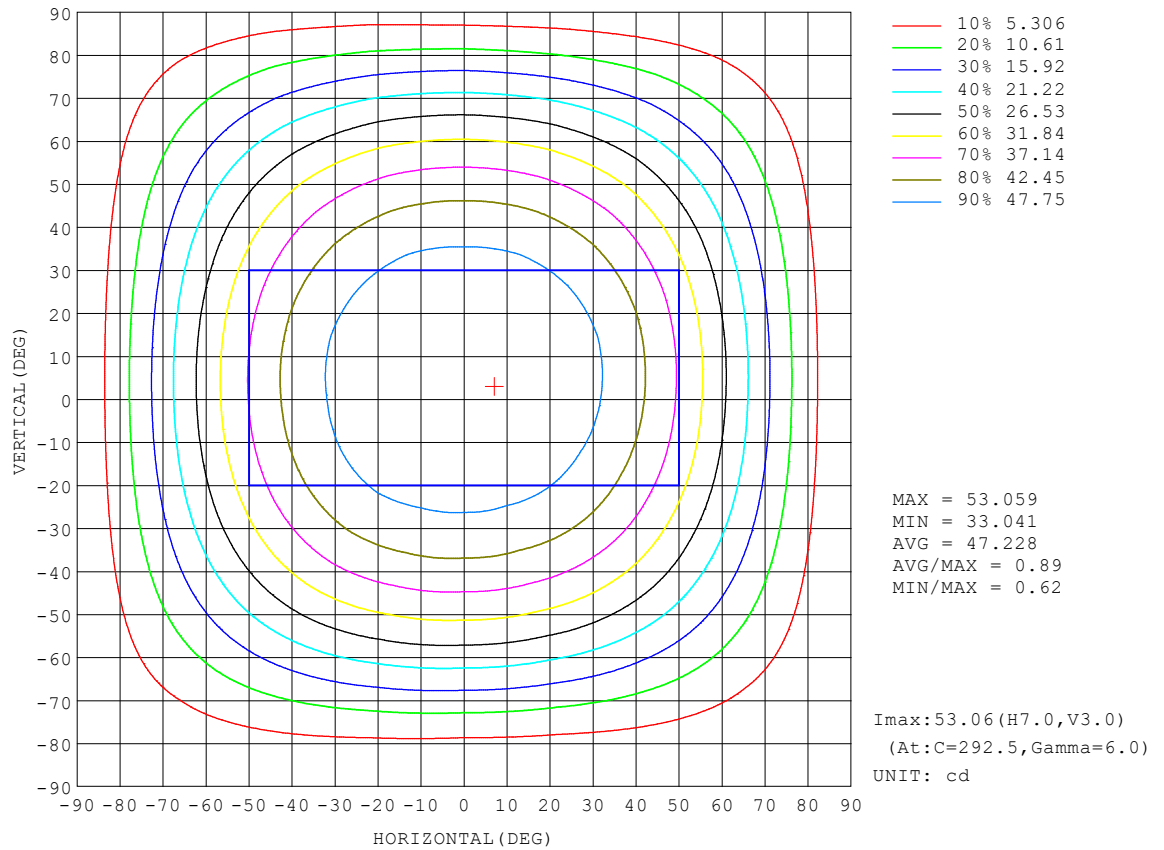
```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |

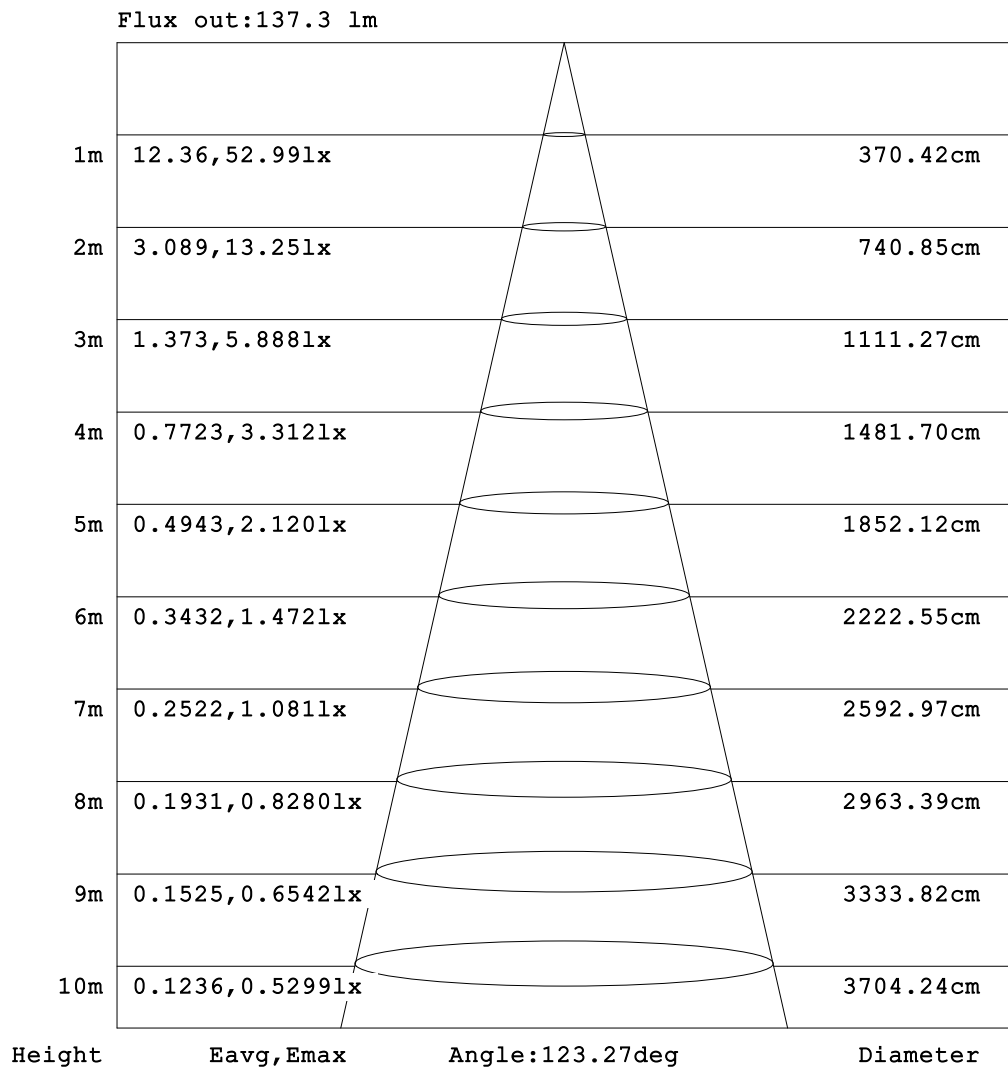


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |



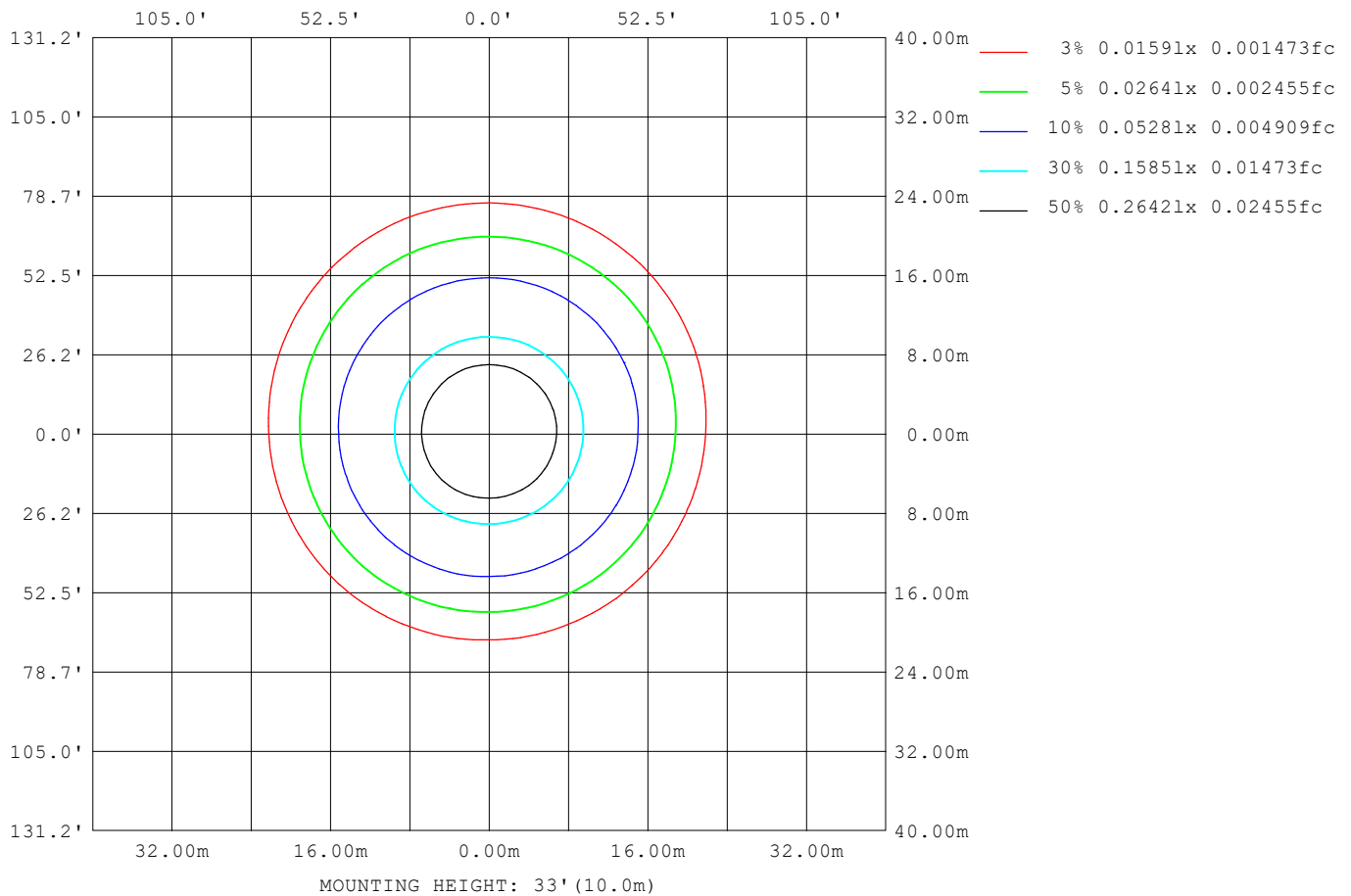
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|--------------|------------------|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | |
| NAME: 02 RGB+CCT R | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.02*1 | Shielding Angle: |

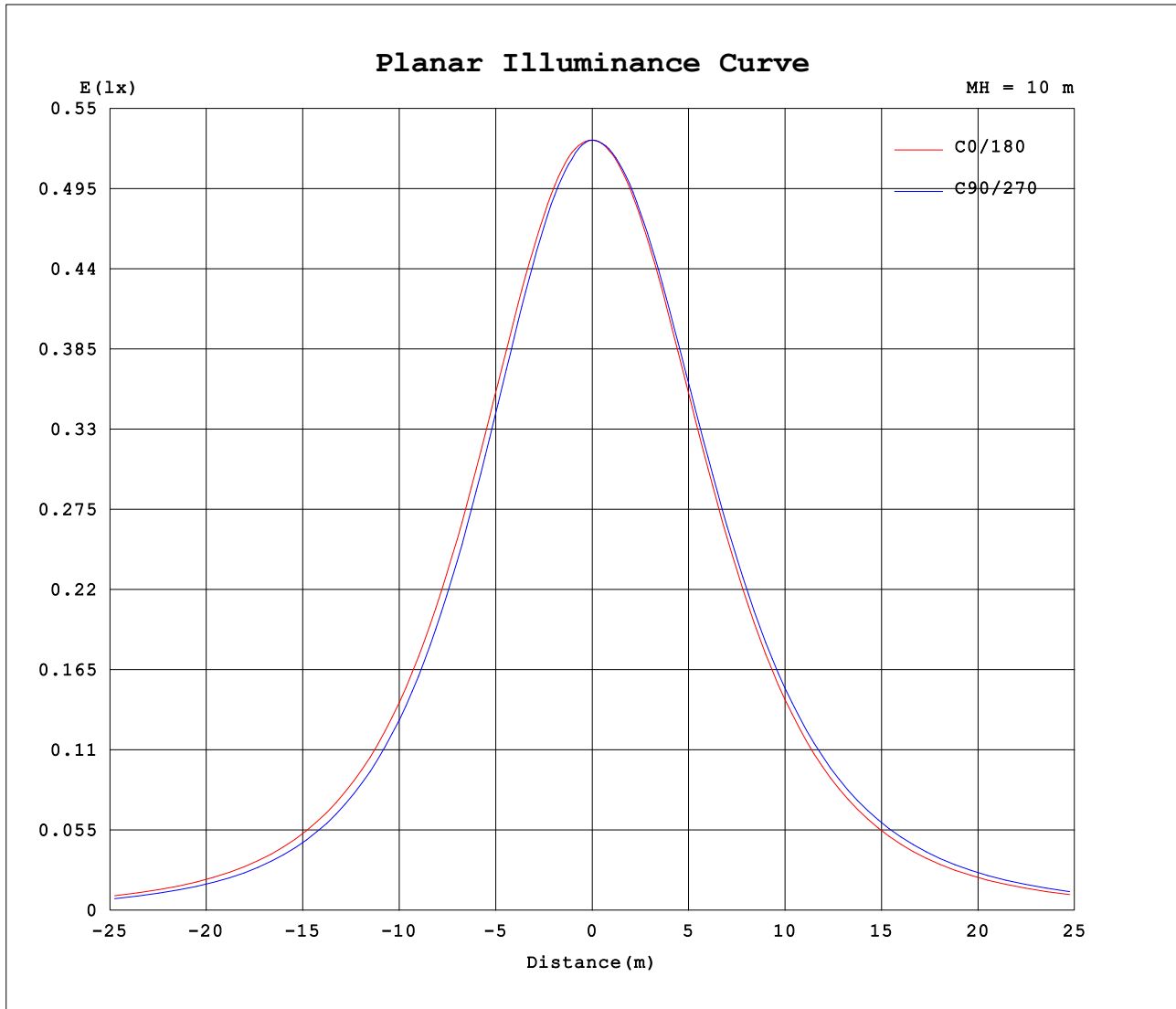
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 2722 |
| L_0~180 (75) av | 2449 |
| L_0~180 (85) av | 2170 |
| L_90~270 (65) av | 2740 |
| L_90~270 (75) av | 2509 |
| L_90~270 (85) av | 2400 |
| L_45 (65) av | 2759 |
| L_45 (75) av | 2523 |
| L_45 (85) av | 2390 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JINZHI
 Test Date: 2021-07-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--------------|--|--|--|--|--|------------------|--|--|
| Test:U:24.001V I:0.1950A P:4.6802W PF:1.0000 Freq:0Hz Lamp Flux:174.935x1 lm | | | | | | | | | | | | | | | | | |
| NAME: 02 RGB+CCT R | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.: 0.02*1 | | | | | | Shielding Angle: | | |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | | | |
| 5 | 52.9 | 52.7 | 52.7 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.9 | 52.8 | 52.9 | 52.9 | 53.0 | 52.9 | 52.9 | | | |
| 10 | 52.7 | 52.4 | 52.2 | 52.0 | 52.0 | 52.0 | 52.2 | 52.3 | 52.5 | 52.8 | 52.7 | 53.0 | 52.7 | 53.0 | 52.7 | 52.9 | | | |
| 15 | 52.1 | 51.7 | 51.5 | 51.2 | 51.2 | 51.3 | 51.6 | 51.7 | 52.0 | 52.4 | 52.3 | 52.6 | 52.4 | 52.6 | 52.3 | 52.4 | | | |
| 20 | 51.3 | 50.8 | 50.4 | 50.0 | 50.0 | 50.1 | 50.6 | 50.9 | 51.2 | 51.7 | 51.7 | 52.0 | 51.8 | 52.0 | 51.7 | 51.7 | | | |
| 25 | 50.1 | 49.4 | 48.9 | 48.4 | 48.3 | 48.6 | 49.2 | 49.6 | 50.0 | 50.7 | 50.8 | 51.2 | 50.9 | 51.2 | 50.8 | 50.6 | | | |
| 30 | 48.5 | 47.6 | 46.9 | 46.3 | 46.2 | 46.6 | 47.4 | 47.9 | 48.5 | 49.2 | 49.5 | 49.8 | 49.7 | 49.9 | 49.5 | 49.2 | | | |
| 35 | 46.3 | 45.3 | 44.5 | 43.7 | 43.6 | 44.1 | 45.0 | 45.7 | 46.5 | 47.3 | 47.7 | 48.1 | 48.0 | 48.1 | 47.7 | 47.2 | | | |
| 40 | 43.6 | 42.5 | 41.5 | 40.7 | 40.5 | 41.1 | 42.2 | 43.1 | 44.0 | 45.0 | 45.5 | 46.0 | 45.8 | 45.9 | 45.4 | 44.8 | | | |
| 45 | 40.4 | 39.0 | 38.0 | 37.1 | 37.0 | 37.7 | 38.9 | 39.9 | 40.9 | 42.1 | 42.8 | 43.3 | 43.2 | 43.2 | 42.6 | 41.7 | | | |
| 50 | 36.5 | 35.1 | 34.0 | 33.1 | 33.0 | 33.8 | 35.1 | 36.2 | 37.3 | 38.7 | 39.5 | 40.1 | 40.0 | 40.0 | 39.3 | 38.1 | | | |
| 55 | 32.2 | 30.7 | 29.5 | 28.6 | 28.5 | 29.4 | 30.7 | 31.9 | 33.2 | 34.7 | 35.8 | 36.4 | 36.4 | 36.3 | 35.4 | 34.0 | | | |
| 60 | 27.4 | 25.8 | 24.6 | 23.8 | 23.7 | 24.6 | 26.0 | 27.2 | 28.7 | 30.3 | 31.5 | 32.3 | 32.2 | 32.0 | 31.0 | 29.3 | | | |
| 65 | 22.3 | 20.7 | 19.5 | 18.7 | 18.7 | 19.6 | 20.8 | 22.2 | 23.7 | 25.5 | 26.9 | 27.6 | 27.6 | 27.2 | 26.1 | 24.3 | | | |
| 70 | 17.1 | 15.6 | 14.3 | 13.6 | 13.5 | 14.4 | 15.7 | 17.1 | 18.8 | 20.4 | 21.9 | 22.6 | 22.6 | 22.1 | 20.8 | 19.1 | | | |
| 75 | 11.9 | 10.5 | 9.44 | 8.69 | 8.51 | 9.39 | 10.6 | 11.9 | 13.5 | 15.2 | 16.6 | 17.4 | 17.5 | 16.8 | 15.6 | 13.7 | | | |
| 80 | 7.03 | 5.84 | 5.11 | 4.42 | 4.25 | 4.92 | 6.04 | 6.99 | 8.50 | 10.1 | 11.5 | 12.1 | 12.1 | 11.4 | 10.4 | 8.63 | | | |
| 85 | 3.38 | 2.47 | 1.92 | 1.35 | 1.30 | 1.65 | 2.42 | 3.24 | 4.18 | 5.58 | 6.74 | 7.29 | 7.07 | 6.59 | 5.58 | 4.57 | | | |
| 90 | 0.57 | 0.53 | 0.38 | 0.14 | 0.21 | 0.17 | 0.50 | 0.86 | 1.21 | 2.34 | 2.91 | 3.29 | 2.93 | 2.67 | 2.12 | 1.58 | | | |
| 95 | 0.12 | 0.11 | 0.12 | 0.12 | 0.11 | 0.14 | 0.15 | 0.12 | 0.09 | 0.67 | 0.77 | 0.95 | 0.70 | 0.70 | 0.47 | 0.42 | | | |
| 100 | 0.12 | 0.14 | 0.12 | 0.15 | 0.11 | 0.14 | 0.12 | 0.14 | 0.12 | 0.29 | 0.18 | 0.29 | 0.11 | 0.18 | 0.11 | 0.15 | | | |
| 105 | 0.12 | 0.15 | 0.12 | 0.15 | 0.11 | 0.15 | 0.12 | 0.15 | 0.14 | 0.14 | 0.11 | 0.15 | 0.12 | 0.11 | 0.12 | 0.12 | | | |
| 110 | 0.12 | 0.17 | 0.12 | 0.20 | 0.11 | 0.18 | 0.12 | 0.17 | 0.17 | 0.14 | 0.11 | 0.14 | 0.14 | 0.11 | 0.17 | 0.11 | | | |
| 115 | 0.12 | 0.20 | 0.12 | 0.21 | 0.11 | 0.23 | 0.12 | 0.18 | 0.17 | 0.14 | 0.11 | 0.14 | 0.15 | 0.11 | 0.15 | 0.11 | | | |
| 120 | 0.12 | 0.21 | 0.12 | 0.21 | 0.11 | 0.21 | 0.12 | 0.20 | 0.18 | 0.14 | 0.11 | 0.14 | 0.15 | 0.11 | 0.18 | 0.11 | | | |
| 125 | 0.12 | 0.23 | 0.12 | 0.23 | 0.15 | 0.24 | 0.17 | 0.21 | 0.20 | 0.14 | 0.23 | 0.14 | 0.18 | 0.11 | 0.20 | 0.11 | | | |
| 130 | 0.14 | 0.24 | 0.15 | 0.24 | 0.15 | 0.24 | 0.20 | 0.23 | 0.21 | 0.14 | 0.21 | 0.14 | 0.18 | 0.11 | 0.23 | 0.14 | | | |
| 135 | 0.20 | 0.24 | 0.21 | 0.24 | 0.20 | 0.24 | 0.21 | 0.26 | 0.23 | 0.15 | 0.23 | 0.14 | 0.21 | 0.14 | 0.23 | 0.21 | | | |
| 140 | 0.23 | 0.26 | 0.23 | 0.26 | 0.23 | 0.24 | 0.21 | 0.26 | 0.27 | 0.17 | 0.23 | 0.15 | 0.24 | 0.15 | 0.23 | 0.21 | | | |
| 145 | 0.24 | 0.27 | 0.23 | 0.27 | 0.23 | 0.27 | 0.24 | 0.27 | 0.26 | 0.21 | 0.24 | 0.17 | 0.24 | 0.15 | 0.24 | 0.21 | | | |
| 150 | 0.26 | 0.27 | 0.24 | 0.27 | 0.24 | 0.29 | 0.26 | 0.29 | 0.27 | 0.23 | 0.27 | 0.20 | 0.24 | 0.18 | 0.26 | 0.21 | | | |
| 155 | 0.26 | 0.29 | 0.27 | 0.27 | 0.26 | 0.26 | 0.27 | 0.27 | 0.29 | 0.23 | 0.27 | 0.21 | 0.27 | 0.21 | 0.27 | 0.24 | | | |
| 160 | 0.26 | 0.29 | 0.26 | 0.27 | 0.26 | 0.26 | 0.29 | 0.27 | 0.29 | 0.26 | 0.27 | 0.24 | 0.27 | 0.24 | 0.27 | 0.26 | | | |
| 165 | 0.27 | 0.29 | 0.26 | 0.27 | 0.26 | 0.26 | 0.27 | 0.29 | 0.29 | 0.27 | 0.29 | 0.26 | 0.29 | 0.26 | 0.27 | 0.26 | | | |
| 170 | 0.29 | 0.29 | 0.26 | 0.27 | 0.26 | 0.26 | 0.24 | 0.29 | 0.29 | 0.27 | 0.29 | 0.26 | 0.29 | 0.27 | 0.27 | 0.27 | | | |
| 175 | 0.29 | 0.29 | 0.26 | 0.27 | 0.27 | 0.26 | 0.26 | 0.29 | 0.29 | 0.20 | 0.29 | 0.26 | 0.29 | 0.27 | 0.27 | 0.24 | | | |
| 180 | 0.30 | 0.29 | 0.27 | 0.29 | 0.30 | 0.26 | 0.29 | 0.30 | 0.30 | 0.29 | 0.29 | 0.30 | 0.29 | 0.27 | 0.27 | 0.27 | | | |

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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JINZHI
Test Date:2021-07-02

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks: