

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 6477.2 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 42.1V x 42.8H |
|             | At 50% of Imax | 17.6V x 18.4H |
|             | At 90% of Imax | 7.8V x 9.7H   |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1226.1 lumens per klm. |
|           | To 10% of Imax | 852.7 lumens per klm.  |
|           | To 50% of Imax | 392.0 lumens per klm.  |
|           | To 90% of Imax | 126.8 lumens per klm.  |

|              |         |
|--------------|---------|
| Upward LOR   | 0.0 %   |
| Downward LOR | 122.6 % |

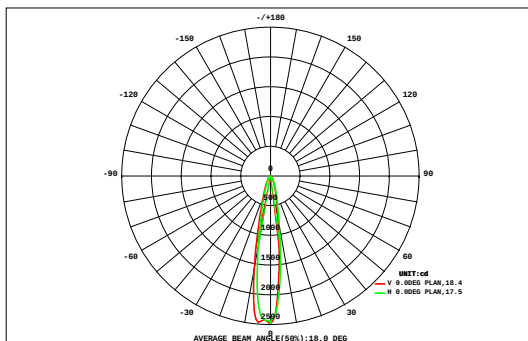
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 122.5 % |
|------------------------------------------|---------|

***H( $\beta$ ) Range:-90 - 90DEG***  
***H( $\beta$ ) Interval: 0.5DEG***  
***Test Speed: HIGH***  
***Temperature:25.3DEG***  
***Operators:CA0LE***  
***Test Date:09 December 2024***

***V( $\beta$ ) Range:-90 - 90DEG***  
***V( $\beta$ ) Interval: 0.5DEG***  
***Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353***  
***Humidity:65.0%***  
***Test Distance:9.060m [K=1.0000]***  
***Remarks:***

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     | TYPE:RGBW-ALL | WEIGHT:          |
| SPEC.:20 DEG                                                                   | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |



| DATA OF LAMP     |         | Eff:54.30lm/W   |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 2480     |
| NOMINAL POWER(W) | 8       | AVAILABILITY(%) | 85.1     |
| RATED VOLTAGE(V) | 24      | Avai. FLUX(lm)  | 325.9    |
| NOMINAL FLUX(lm) | 47.8692 | LOR(%)          | 122.5    |
| LAMPS INSIDE     | 8       | TOTAL FLUX(lm)  | 469.1    |
| TEST VOLTAGE(V)  | 24      | θ @50%(H,V)     | 18,18DEG |

| 90<br>80<br>70<br>60<br>50<br>40<br>30<br>20<br>10<br>0<br>-10<br>-20<br>-30<br>-40<br>-50<br>-60<br>-70<br>-80<br>-90 | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
|                                                                                                                        | 0.00              | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00    | 0.00 | 0.40 | 0.00 |
| 0.00                                                                                                                   | 0.00              | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.04 | 0.03 | 0.01 | 0.01    | 0.00 | 0.68 | 0.00 |
| 0.00                                                                                                                   | 0.00              | 0.00 | 0.01 | 0.03 | 0.05 | 0.09 | 0.13 | 0.15 | 0.16 | 0.16 | 0.16 | 0.15 | 0.12 | 0.08 | 0.04 | 0.02 | 0.01    | 0.00 | 1.36 | 0.00 |
| 0.00                                                                                                                   | 0.00              | 0.00 | 0.02 | 0.04 | 0.11 | 0.22 | 0.34 | 0.41 | 0.45 | 0.44 | 0.40 | 0.34 | 0.25 | 0.16 | 0.07 | 0.03 | 0.01    | 0.00 | 3.30 | 0.00 |
| 0.00                                                                                                                   | 0.01              | 0.02 | 0.07 | 0.22 | 0.42 | 0.65 | 0.87 | 1.00 | 0.98 | 0.84 | 0.64 | 0.43 | 0.26 | 0.13 | 0.04 | 0.01 | 0.00    | 6.58 | 0.00 |      |
| 0.00                                                                                                                   | 0.01              | 0.03 | 0.12 | 0.35 | 0.66 | 1.14 | 1.72 | 2.17 | 2.20 | 1.76 | 1.16 | 0.69 | 0.38 | 0.18 | 0.06 | 0.01 | 0.00    | 12.6 | 0.00 |      |
| 0.00                                                                                                                   | 0.01              | 0.04 | 0.17 | 0.46 | 0.98 | 1.91 | 3.48 | 5.24 | 5.62 | 4.10 | 2.22 | 1.09 | 0.52 | 0.23 | 0.07 | 0.01 | 0.00    | 26.1 | 1.95 |      |
| 0.00                                                                                                                   | 0.01              | 0.04 | 0.20 | 0.56 | 1.31 | 3.00 | 6.90 | 14.3 | 17.8 | 9.61 | 4.09 | 1.61 | 0.67 | 0.27 | 0.08 | 0.01 | 0.00    | 60.4 | 43.2 |      |
| 0.00                                                                                                                   | 0.01              | 0.05 | 0.21 | 0.59 | 1.52 | 3.92 | 11.0 | 41.0 | 58.2 | 20.5 | 5.87 | 2.06 | 0.78 | 0.29 | 0.09 | 0.01 | 0.00    | 146  | 132  |      |
| 0.00                                                                                                                   | 0.01              | 0.04 | 0.19 | 0.54 | 1.42 | 3.65 | 10.1 | 34.8 | 50.7 | 18.7 | 5.85 | 2.10 | 0.80 | 0.28 | 0.09 | 0.01 | 0.00    | 129  | 115  |      |
| 0.00                                                                                                                   | 0.00              | 0.03 | 0.16 | 0.42 | 1.10 | 2.57 | 5.90 | 11.6 | 14.1 | 8.76 | 4.06 | 1.72 | 0.70 | 0.25 | 0.08 | 0.01 | 0.00    | 51.4 | 33.3 |      |
| 0.00                                                                                                                   | 0.00              | 0.02 | 0.11 | 0.29 | 0.68 | 1.52 | 2.86 | 4.41 | 4.96 | 3.89 | 2.34 | 1.19 | 0.50 | 0.20 | 0.06 | 0.01 | 0.00    | 23.0 | 0.23 |      |
| 0.00                                                                                                                   | 0.00              | 0.01 | 0.04 | 0.13 | 0.23 | 0.45 | 0.77 | 1.10 | 1.28 | 1.21 | 0.89 | 0.47 | 0.28 | 0.10 | 0.04 | 0.01 | 0.00    | 7.02 | 0.00 |      |
| 0.00                                                                                                                   | 0.00              | 0.00 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.09 | 0.09 | 0.07 | 0.06 | 0.03 | 0.02 | 0.00 | 0.00    | 0.70 | 0.00 |      |
| 0.00                                                                                                                   | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00    | 0.09 | 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 | 0.00 | 0.00 | 0.00 | 0.00    | 0.03 | 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 | 0.00 | 0.00 | 0.00 | 0.00    | 0.02 | 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 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 |      |
| -90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90                                               |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |      |
| Φ t                                                                                                                    | 0.00              | 0.06 | 0.34 | 1.39 | 3.78 | 8.75 | 19.4 | 44.3 | 116  | 157  | 70.1 | 27.8 | 11.9 | 5.28 | 2.11 | 0.70 | 0.13    | 0.01 | 469  | ---  |
| Φ a                                                                                                                    | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.5 | 101  | 142  | 53.8 | 4.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 326  |

one-half-peak spread: U:7.8,D:9.9 , L:6.9,R:6.6

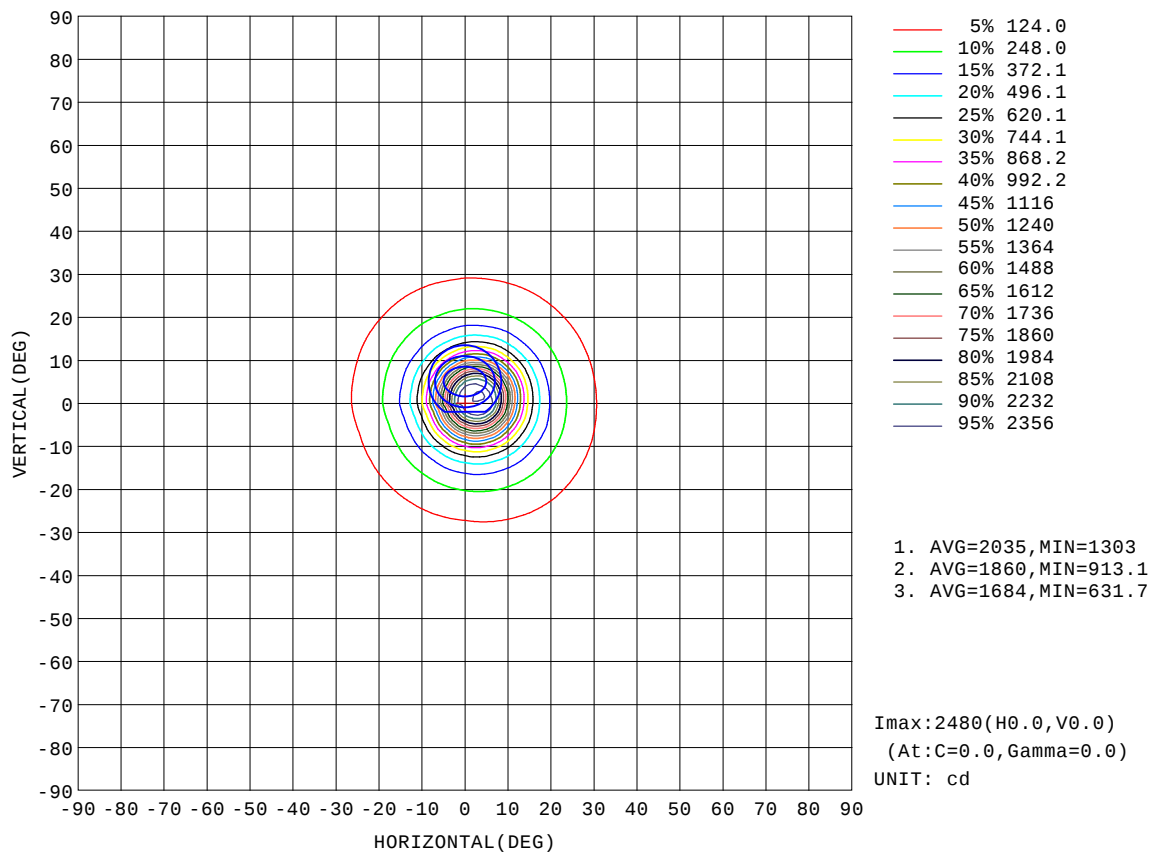
NEMA Beam Type: Type 3

**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     | TYPE:RGBW-ALL | WEIGHT:          |
| SPEC.:20 DEG                                                                   | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |

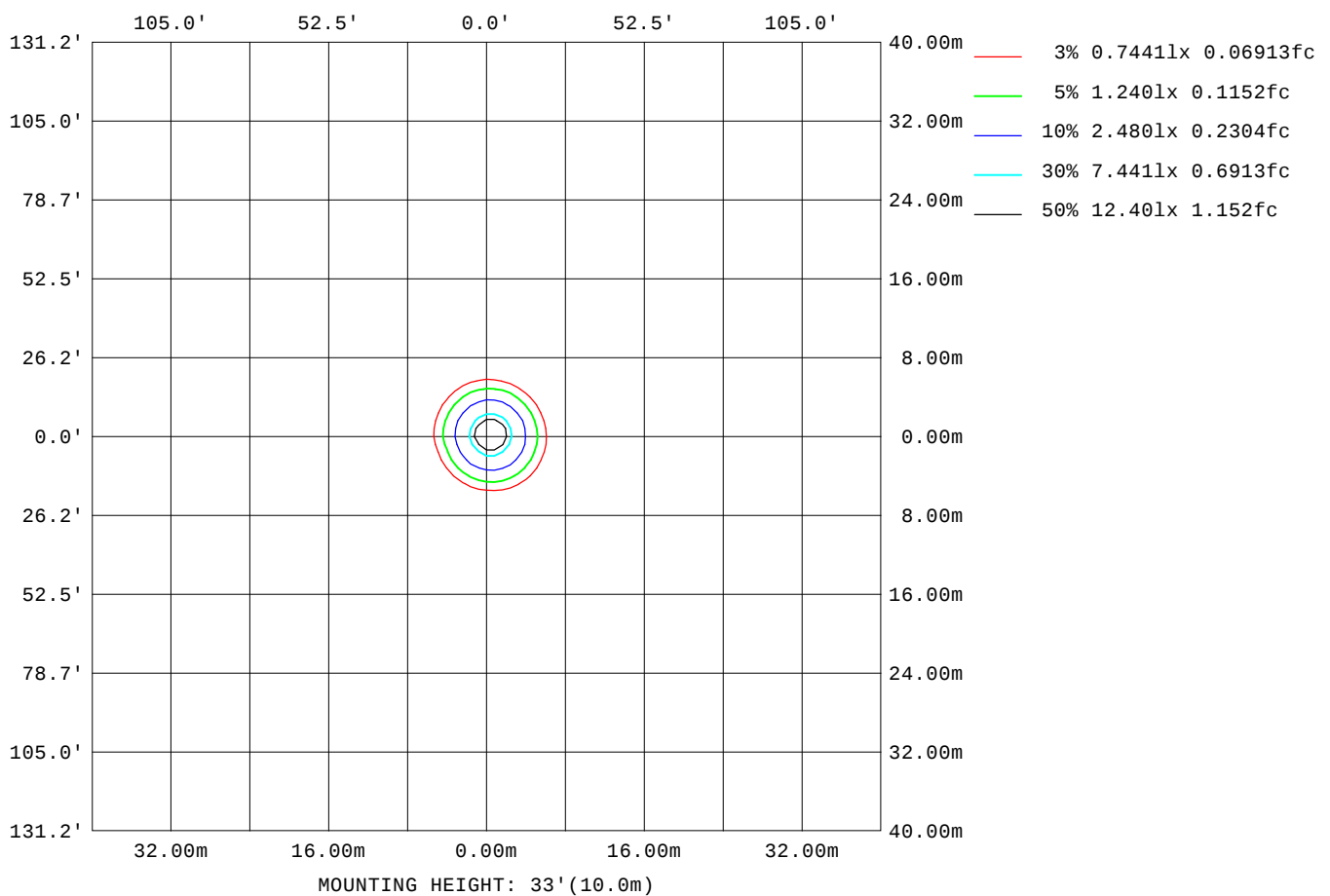


**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**

## ISOLUX DIAGRAM

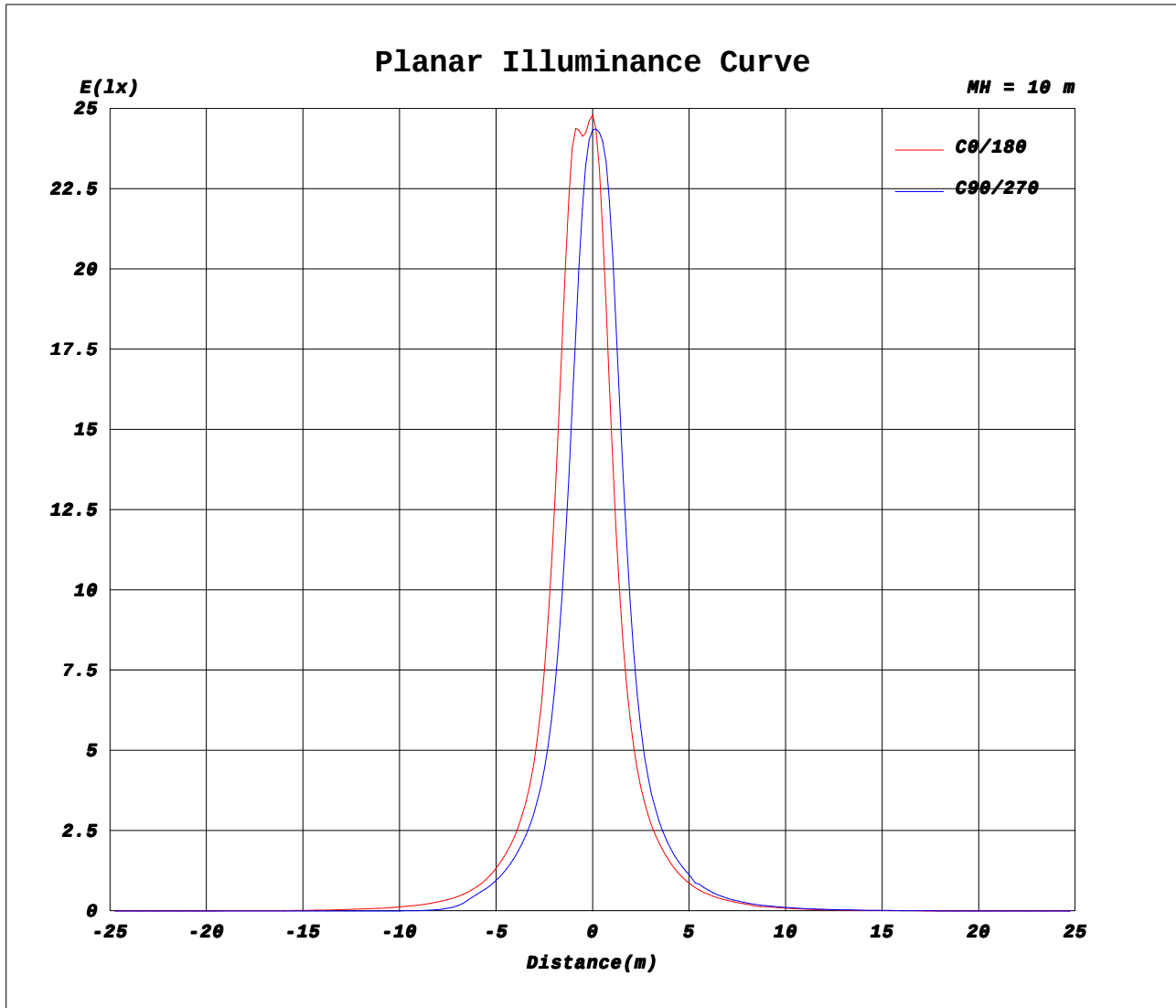
|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     | TYPE:RGBW-ALL | WEIGHT:          |
| SPEC.:20 DEG                                                                   | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |



**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**

## Planar Illuminance Curve

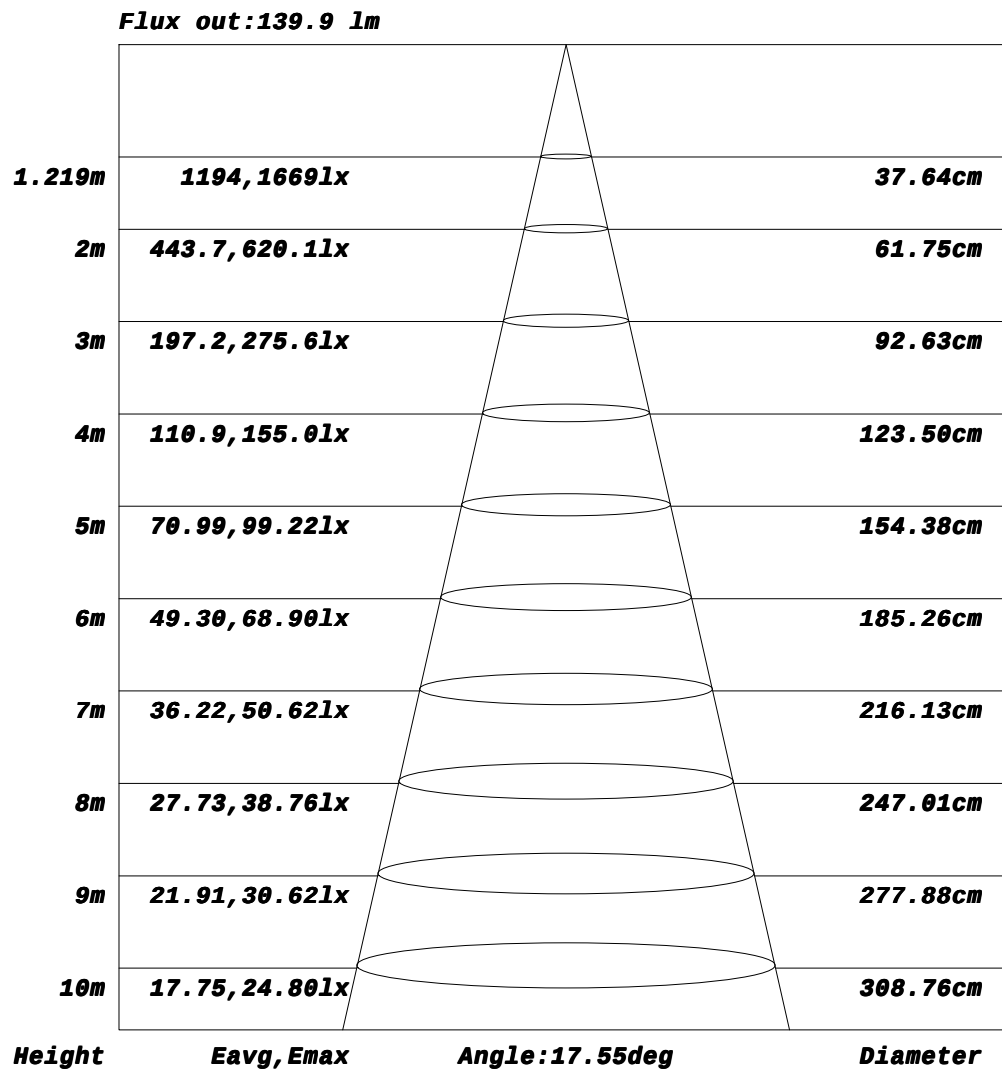


**$H(\beta)$  Range: -90 - 90DEG**  
 **$H(\beta)$  Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: CA0LE**  
**Test Date: 09 December 2024**

**$V(B)$  Range: -90 - 90DEG**  
 **$V(B)$  Interval: 0.5DEG**  
**Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity: 65.0%**  
**Test Distance: 9.060m [K=1.0000]**  
**Remarks:**

## AAI Figure

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     | TYPE:RGBW-ALL | WEIGHT:          |
| SPEC.:20 DEG                                                                   | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |



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

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|------------------|--|--|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     |  |  |  |  |  |  |  |  | TYPE:RGBW-ALL |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:20 DEG                                                                   |  |  |  |  |  |  |  |  | DIM.:127mm    |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.:                                                                          |  |  |  |  |  |  |  |  | SUR.:         |  |  |  |  |  | Shielding Angle: |  |  |

Table--1

UNIT: cd

| H(DEC)<br>V(DEC) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40   | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|------------------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| -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 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 |
| -85              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01  | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.01 | 0.03 | 0.04 |
| -80              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01  | 0.02 | 0.04 | 0.03 | 0.02 | 0.01 | 0.03 | 0.05 | 0.07 |
| -75              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01  | 0.03 | 0.06 | 0.06 | 0.06 | 0.06 | 0.08 | 0.09 | 0.10 |
| -70              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.02  | 0.04 | 0.08 | 0.09 | 0.09 | 0.08 | 0.09 | 0.11 | 0.12 |
| -65              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.03 | 0.02 | 0.03 | 0.05  | 0.08 | 0.10 | 0.11 | 0.10 | 0.08 | 0.10 | 0.13 | 0.15 |
| -60              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.06 | 0.08 | 0.08 | 0.08  | 0.10 | 0.13 | 0.15 | 0.14 | 0.12 | 0.14 | 0.17 | 0.19 |
| -55              | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.05 | 0.12 | 0.11 | 0.13 | 0.16 | 0.12  | 0.14 | 0.20 | 0.20 | 0.19 | 0.19 | 0.18 | 0.21 | 0.23 |
| -50              | 0.00 | 0.00 | 0.00 | 0.04 | 0.01 | 0.12 | 0.26 | 0.27 | 0.28 | 0.35 | 0.34  | 0.34 | 0.45 | 0.48 | 0.53 | 0.56 | 0.58 | 0.67 | 0.71 |
| -45              | 0.00 | 0.00 | 0.00 | 0.07 | 0.08 | 0.26 | 0.51 | 0.68 | 0.57 | 0.79 | 1.15  | 0.92 | 1.19 | 1.37 | 1.51 | 1.73 | 1.82 | 2.06 | 2.09 |
| -40              | 0.00 | 0.00 | 0.02 | 0.10 | 0.18 | 0.47 | 0.98 | 1.39 | 1.43 | 2.13 | 3.86  | 3.38 | 3.06 | 4.27 | 3.85 | 5.07 | 5.49 | 6.49 | 6.66 |
| -35              | 0.00 | 0.00 | 0.05 | 0.14 | 0.32 | 0.76 | 1.64 | 2.49 | 3.13 | 5.85 | 8.56  | 8.33 | 10.1 | 15.0 | 16.6 | 22.1 | 25.7 | 29.9 | 30.3 |
| -30              | 0.00 | 0.00 | 0.08 | 0.21 | 0.49 | 1.17 | 2.50 | 4.04 | 6.11 | 10.3 | 14.1  | 16.4 | 25.0 | 35.7 | 47.8 | 61.8 | 74.9 | 86.6 | 93.4 |
| -25              | 0.00 | 0.00 | 0.10 | 0.29 | 0.66 | 1.60 | 3.42 | 5.77 | 9.10 | 13.4 | 18.3  | 26.3 | 39.4 | 55.0 | 72.9 | 94.9 | 119  | 142  | 156  |
| -20              | 0.00 | 0.00 | 0.12 | 0.37 | 0.84 | 2.02 | 4.26 | 7.68 | 11.5 | 15.9 | 23.0  | 35.8 | 51.1 | 71.8 | 99.9 | 138  | 184  | 227  | 255  |
| -15              | 0.00 | 0.00 | 0.14 | 0.45 | 1.01 | 2.40 | 5.06 | 9.15 | 13.2 | 18.4 | 28.4  | 43.2 | 62.3 | 90.2 | 133  | 196  | 274  | 365  | 430  |
| -10              | 0.00 | 0.00 | 0.16 | 0.52 | 1.17 | 2.75 | 5.77 | 10.2 | 14.7 | 21.5 | 33.1  | 49.4 | 72.5 | 109  | 169  | 259  | 403  | 627  | 866  |
| -5               | 0.00 | 0.00 | 0.18 | 0.58 | 1.30 | 3.01 | 6.30 | 11.0 | 16.0 | 24.2 | 35.4  | 55.8 | 82.8 | 127  | 201  | 321  | 565  | 1135 | 1814 |
| 0                | 0.00 | 0.00 | 0.19 | 0.64 | 1.41 | 3.18 | 6.65 | 11.6 | 16.9 | 26.2 | 36.1  | 59.9 | 89.8 | 141  | 228  | 381  | 737  | 1655 | 2480 |
| 5                | 0.00 | 0.01 | 0.22 | 0.68 | 1.46 | 3.24 | 6.73 | 11.7 | 17.5 | 26.7 | 37.9  | 59.4 | 88.4 | 137  | 220  | 356  | 661  | 1382 | 2239 |
| 10               | 0.00 | 0.02 | 0.24 | 0.71 | 1.48 | 3.21 | 6.58 | 11.6 | 17.5 | 26.4 | 38.1  | 56.2 | 82.0 | 124  | 194  | 298  | 471  | 811  | 1202 |
| 15               | 0.00 | 0.03 | 0.26 | 0.72 | 1.46 | 3.07 | 6.21 | 11.1 | 16.9 | 25.4 | 36.2  | 51.3 | 72.9 | 105  | 156  | 228  | 322  | 437  | 541  |
| 20               | 0.00 | 0.04 | 0.28 | 0.72 | 1.42 | 2.87 | 5.68 | 10.2 | 15.8 | 23.3 | 32.7  | 45.3 | 62.4 | 85.6 | 119  | 165  | 219  | 266  | 298  |
| 25               | 0.00 | 0.05 | 0.29 | 0.71 | 1.36 | 2.62 | 5.03 | 9.18 | 14.5 | 20.9 | 28.0  | 38.8 | 51.6 | 67.6 | 88.7 | 115  | 144  | 169  | 184  |
| 30               | 0.00 | 0.06 | 0.29 | 0.70 | 1.28 | 2.34 | 4.34 | 7.95 | 13.0 | 18.4 | 24.5  | 32.3 | 41.7 | 53.1 | 66.2 | 80.7 | 94.9 | 107  | 113  |
| 35               | 0.00 | 0.07 | 0.29 | 0.67 | 1.21 | 2.06 | 3.63 | 6.52 | 11.1 | 16.1 | 20.8  | 26.1 | 33.0 | 40.8 | 49.3 | 57.3 | 64.5 | 69.8 | 72.2 |
| 40               | 0.00 | 0.08 | 0.28 | 0.64 | 1.13 | 1.79 | 2.99 | 5.10 | 8.72 | 13.2 | 17.1  | 21.2 | 25.8 | 31.0 | 36.3 | 40.8 | 44.5 | 47.0 | 47.8 |
| 45               | 0.00 | 0.08 | 0.26 | 0.61 | 1.05 | 1.57 | 2.42 | 3.86 | 6.34 | 9.96 | 13.6  | 16.8 | 20.0 | 23.4 | 26.5 | 29.1 | 31.1 | 32.3 | 32.5 |
| 50               | 0.00 | 0.08 | 0.25 | 0.58 | 0.96 | 1.39 | 1.99 | 2.94 | 4.52 | 6.96 | 10.00 | 12.8 | 15.3 | 17.6 | 19.3 | 20.8 | 22.0 | 22.5 | 22.5 |
| 55               | 0.00 | 0.09 | 0.25 | 0.55 | 0.86 | 1.23 | 1.66 | 2.27 | 3.26 | 4.72 | 6.70  | 8.68 | 10.7 | 12.6 | 13.2 | 13.6 | 14.1 | 14.4 | 14.2 |
| 60               | 0.00 | 0.09 | 0.23 | 0.50 | 0.77 | 1.08 | 1.42 | 1.83 | 2.42 | 3.25 | 4.32  | 5.39 | 6.55 | 7.56 | 7.97 | 8.03 | 8.19 | 8.36 | 8.30 |
| 65               | 0.00 | 0.09 | 0.22 | 0.44 | 0.70 | 0.93 | 1.22 | 1.53 | 1.88 | 2.33 | 2.86  | 3.39 | 3.97 | 4.44 | 4.71 | 4.81 | 4.95 | 5.05 | 5.06 |
| 70               | 0.00 | 0.08 | 0.21 | 0.38 | 0.60 | 0.82 | 1.04 | 1.27 | 1.53 | 1.80 | 2.06  | 2.33 | 2.61 | 2.85 | 3.04 | 3.17 | 3.27 | 3.33 | 3.36 |
| 75               | 0.00 | 0.08 | 0.19 | 0.34 | 0.51 | 0.70 | 0.88 | 1.08 | 1.27 | 1.47 | 1.63  | 1.78 | 1.93 | 2.08 | 2.22 | 2.35 | 2.42 | 2.46 | 2.50 |
| 80               | 0.00 | 0.07 | 0.17 | 0.30 | 0.44 | 0.58 | 0.73 | 0.90 | 1.06 | 1.21 | 1.31  | 1.41 | 1.50 | 1.60 | 1.70 | 1.79 | 1.82 | 1.85 | 1.87 |
| 85               | 0.00 | 0.07 | 0.15 | 0.25 | 0.38 | 0.52 | 0.65 | 0.77 | 0.89 | 1.02 | 1.08  | 1.14 | 1.20 | 1.27 | 1.33 | 1.38 | 1.38 | 1.38 | 1.38 |
| 90               | 0.00 | 0.06 | 0.12 | 0.18 | 0.29 | 0.39 | 0.49 | 0.57 | 0.66 | 0.74 | 0.74  | 0.75 | 0.76 | 0.78 | 0.79 | 0.81 | 0.80 | 0.80 | 0.79 |

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:47.8692x8 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
| NAME:Medusa Mini-127mm-RGBW 3000K-20D-Rev1                                     |  |  |  |  |  |  |  |  | TYPE:RGBW-ALL |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:20 DEG                                                                   |  |  |  |  |  |  |  |  | DIM.:127mm    |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.:                                                                          |  |  |  |  |  |  |  |  | SUR.:         |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--2

UNIT: cd

| H(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| V(°) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| -90  | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |  |
| -85  | 0.03 | 0.02 | 0.01 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 |  |
| -80  | 0.06 | 0.04 | 0.02 | 0.03 | 0.04 | 0.05 | 0.03 | 0.01 | 0.00 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.03 | 0.03 | 0.01 |  |
| -75  | 0.09 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 | 0.05 | 0.02 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.05 | 0.05 | 0.01 |  |
| -70  | 0.11 | 0.09 | 0.08 | 0.09 | 0.10 | 0.10 | 0.08 | 0.06 | 0.05 | 0.05 | 0.04 | 0.05 | 0.03 | 0.01 | 0.02 | 0.07 | 0.06 | 0.01 |  |
| -65  | 0.13 | 0.10 | 0.09 | 0.11 | 0.12 | 0.12 | 0.10 | 0.08 | 0.08 | 0.09 | 0.09 | 0.11 | 0.09 | 0.03 | 0.03 | 0.09 | 0.08 | 0.01 |  |
| -60  | 0.18 | 0.17 | 0.16 | 0.15 | 0.17 | 0.17 | 0.13 | 0.10 | 0.16 | 0.16 | 0.13 | 0.24 | 0.20 | 0.10 | 0.06 | 0.12 | 0.10 | 0.01 |  |
| -55  | 0.25 | 0.23 | 0.25 | 0.29 | 0.26 | 0.31 | 0.26 | 0.21 | 0.34 | 0.34 | 0.27 | 0.51 | 0.39 | 0.21 | 0.14 | 0.14 | 0.12 | 0.01 |  |
| -50  | 0.78 | 0.77 | 0.83 | 0.85 | 0.83 | 0.85 | 0.73 | 0.87 | 0.80 | 0.68 | 0.85 | 1.02 | 0.74 | 0.37 | 0.23 | 0.18 | 0.13 | 0.01 |  |
| -45  | 2.36 | 2.34 | 2.49 | 2.36 | 2.48 | 2.19 | 1.74 | 3.45 | 2.34 | 1.31 | 1.88 | 1.83 | 1.30 | 0.59 | 0.33 | 0.22 | 0.15 | 0.01 |  |
| -40  | 7.93 | 7.71 | 9.09 | 7.15 | 9.81 | 7.34 | 6.32 | 8.55 | 7.12 | 3.61 | 3.48 | 3.01 | 2.02 | 0.93 | 0.46 | 0.26 | 0.17 | 0.01 |  |
| -35  | 36.6 | 37.1 | 39.6 | 33.2 | 31.7 | 25.7 | 16.7 | 15.1 | 14.1 | 7.90 | 5.58 | 4.57 | 2.94 | 1.33 | 0.60 | 0.31 | 0.18 | 0.01 |  |
| -30  | 96.9 | 93.6 | 84.5 | 72.8 | 59.7 | 48.0 | 33.4 | 24.7 | 18.2 | 12.3 | 8.23 | 6.48 | 3.73 | 1.75 | 0.74 | 0.39 | 0.20 | 0.01 |  |
| -25  | 160  | 149  | 129  | 106  | 83.4 | 63.5 | 47.6 | 33.6 | 22.3 | 15.5 | 11.0 | 7.99 | 4.51 | 2.13 | 0.90 | 0.46 | 0.22 | 0.01 |  |
| -20  | 260  | 236  | 195  | 149  | 110  | 79.8 | 57.7 | 41.2 | 27.2 | 17.9 | 12.7 | 8.89 | 5.22 | 2.49 | 1.05 | 0.52 | 0.23 | 0.01 |  |
| -15  | 439  | 374  | 289  | 208  | 142  | 97.1 | 67.4 | 46.8 | 32.2 | 20.2 | 13.8 | 9.58 | 5.81 | 2.81 | 1.21 | 0.57 | 0.24 | 0.01 |  |
| -10  | 878  | 647  | 415  | 273  | 179  | 115  | 75.8 | 51.1 | 35.0 | 22.2 | 14.6 | 10.1 | 6.28 | 3.06 | 1.34 | 0.62 | 0.26 | 0.01 |  |
| -5   | 1854 | 1155 | 587  | 335  | 207  | 127  | 81.1 | 53.7 | 36.3 | 23.7 | 15.2 | 10.4 | 6.58 | 3.24 | 1.45 | 0.67 | 0.27 | 0.01 |  |
| 0    | 2466 | 1586 | 697  | 360  | 217  | 132  | 82.4 | 54.0 | 36.4 | 24.5 | 15.5 | 10.5 | 6.71 | 3.34 | 1.53 | 0.71 | 0.28 | 0.01 |  |
| 5    | 2228 | 1398 | 642  | 339  | 204  | 126  | 79.2 | 52.1 | 35.4 | 24.0 | 15.6 | 10.5 | 6.70 | 3.38 | 1.57 | 0.73 | 0.29 | 0.01 |  |
| 10   | 1212 | 807  | 462  | 282  | 180  | 112  | 72.0 | 48.3 | 33.3 | 22.9 | 15.4 | 10.4 | 6.54 | 3.34 | 1.57 | 0.75 | 0.30 | 0.01 |  |
| 15   | 540  | 433  | 309  | 216  | 144  | 93.5 | 62.5 | 43.1 | 30.4 | 21.5 | 14.9 | 9.95 | 6.24 | 3.22 | 1.55 | 0.76 | 0.31 | 0.01 |  |
| 20   | 294  | 260  | 208  | 154  | 107  | 74.4 | 52.3 | 37.4 | 27.1 | 19.8 | 14.0 | 9.35 | 5.81 | 3.05 | 1.49 | 0.76 | 0.31 | 0.01 |  |
| 25   | 182  | 164  | 136  | 104  | 77.5 | 57.5 | 42.7 | 31.7 | 23.7 | 17.7 | 12.7 | 8.57 | 5.29 | 2.82 | 1.43 | 0.75 | 0.32 | 0.01 |  |
| 30   | 111  | 102  | 87.4 | 71.2 | 56.3 | 44.1 | 34.2 | 26.4 | 20.3 | 15.5 | 11.3 | 7.72 | 4.70 | 2.58 | 1.35 | 0.72 | 0.32 | 0.01 |  |
| 35   | 70.5 | 65.3 | 58.2 | 49.7 | 41.3 | 33.7 | 27.2 | 21.7 | 17.2 | 13.4 | 9.93 | 6.80 | 4.08 | 2.32 | 1.28 | 0.69 | 0.32 | 0.01 |  |
| 40   | 46.7 | 43.7 | 39.9 | 35.3 | 30.4 | 25.8 | 21.5 | 17.7 | 14.4 | 11.5 | 8.61 | 5.74 | 3.48 | 2.06 | 1.20 | 0.67 | 0.31 | 0.01 |  |
| 45   | 31.8 | 30.1 | 28.0 | 25.5 | 22.6 | 19.7 | 16.9 | 14.3 | 12.0 | 9.74 | 7.16 | 4.65 | 2.91 | 1.80 | 1.12 | 0.65 | 0.30 | 0.01 |  |
| 50   | 22.1 | 21.2 | 20.0 | 18.6 | 17.0 | 15.1 | 13.3 | 11.5 | 9.73 | 7.79 | 5.55 | 3.66 | 2.41 | 1.58 | 1.04 | 0.62 | 0.29 | 0.01 |  |
| 55   | 14.3 | 14.0 | 13.5 | 13.1 | 12.5 | 11.3 | 10.1 | 9.02 | 7.44 | 5.70 | 4.11 | 2.85 | 1.98 | 1.39 | 0.96 | 0.58 | 0.28 | 0.01 |  |
| 60   | 8.47 | 8.41 | 8.36 | 8.46 | 8.30 | 7.82 | 7.18 | 6.38 | 5.19 | 4.01 | 3.01 | 2.24 | 1.65 | 1.23 | 0.88 | 0.55 | 0.27 | 0.01 |  |
| 65   | 5.18 | 5.20 | 5.21 | 5.34 | 5.28 | 5.05 | 4.68 | 4.21 | 3.56 | 2.85 | 2.27 | 1.78 | 1.40 | 1.09 | 0.80 | 0.52 | 0.25 | 0.01 |  |
| 70   | 3.43 | 3.45 | 3.44 | 3.47 | 3.41 | 3.28 | 3.08 | 2.82 | 2.49 | 2.10 | 1.76 | 1.47 | 1.20 | 0.96 | 0.73 | 0.48 | 0.23 | 0.01 |  |
| 75   | 2.53 | 2.54 | 2.54 | 2.48 | 2.40 | 2.29 | 2.17 | 2.03 | 1.86 | 1.64 | 1.44 | 1.23 | 1.03 | 0.84 | 0.66 | 0.43 | 0.21 | 0.01 |  |
| 80   | 1.89 | 1.91 | 1.92 | 1.86 | 1.80 | 1.72 | 1.65 | 1.57 | 1.49 | 1.33 | 1.17 | 1.03 | 0.87 | 0.73 | 0.59 | 0.39 | 0.19 | 0.01 |  |
| 85   | 1.41 | 1.43 | 1.45 | 1.40 | 1.36 | 1.31 | 1.27 | 1.23 | 1.20 | 1.08 | 0.96 | 0.84 | 0.73 | 0.62 | 0.51 | 0.33 | 0.17 | 0.01 |  |
| 90   | 0.83 | 0.88 | 0.93 | 0.93 | 0.93 | 0.93 | 0.94 | 0.96 | 0.97 | 0.90 | 0.82 | 0.74 | 0.63 | 0.52 | 0.41 | 0.28 | 0.14 | 0.01 |  |

**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**V(B) Range:-90 - 90DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.353**  
**Humidity:65.0%**  
**Test Distance:9.060m [K=1.0000]**  
**Remarks:**