

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 1260.3 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 81.6V x 84.9H |
|             | At 50% of Imax | 49.7V x 48.9H |
|             | At 90% of Imax | 23.0V x 23.6H |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 964.3 lumens per klm. |
|           | To 10% of Imax | 882.7 lumens per klm. |
|           | To 50% of Imax | 559.0 lumens per klm. |
|           | To 90% of Imax | 165.3 lumens per klm. |

|              |        |
|--------------|--------|
| Upward LOR   | 0.0 %  |
| Downward LOR | 96.4 % |

|                                          |        |
|------------------------------------------|--------|
| Luminaire Efficiency(Light Output Ratio) | 96.4 % |
|------------------------------------------|--------|

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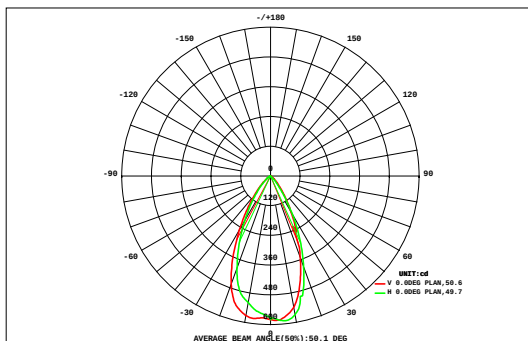
***H( $\beta$ ) Range:-90 - 90DEG***  
***H( $\beta$ ) Interval: 0.5DEG***  
***Test Speed: HIGH***  
***Temperature:25.3DEG***  
***Operators:CA0LE***  
***Test Date:09 December 2024***

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***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:***

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:58.4471x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     | TYPE:RGBW-All | WEIGHT:          |
| SPEC.:                                                                         | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |



| DATA OF LAMP     |         | Eff:52.18lm/W   |          |
|------------------|---------|-----------------|----------|
| MODEL            |         | Imax(cd)        | 589.3    |
| NOMINAL POWER(W) | 8       | AVAILABILITY(%) | 88.3     |
| RATED VOLTAGE(V) | 24      | Avai. FLUX(lm)  | 412.9    |
| NOMINAL FLUX(lm) | 58.4471 | LOR(%)          | 96.4     |
| LAMPS INSIDE     | 8       | TOTAL FLUX(lm)  | 450.8    |
| TEST VOLTAGE(V)  | 24      | θ @50%(H,V)     | 49,50DEG |

| VERTICAL (DEG)                                                           | 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 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02 | 0.01 | 0.00    | 0.00 | 0.42 | 0.00 |
| 90                                                                       | 0.00              | 0.00 | 0.01 | 0.02 | 0.03 | 0.05 | 0.07 | 0.08 | 0.09 | 0.09 | 0.09 | 0.08 | 0.06 | 0.05 | 0.03 | 0.02 | 0.01    | 0.00 | 0.77 | 0.00 |
| 80                                                                       | 0.00              | 0.00 | 0.01 | 0.03 | 0.06 | 0.09 | 0.12 | 0.15 | 0.18 | 0.18 | 0.17 | 0.14 | 0.11 | 0.08 | 0.05 | 0.02 | 0.01    | 0.00 | 1.40 | 0.00 |
| 70                                                                       | 0.00              | 0.01 | 0.02 | 0.05 | 0.09 | 0.16 | 0.28 | 0.40 | 0.51 | 0.53 | 0.46 | 0.34 | 0.22 | 0.12 | 0.07 | 0.03 | 0.01    | 0.00 | 3.31 | 0.00 |
| 60                                                                       | 0.00              | 0.01 | 0.03 | 0.07 | 0.16 | 0.37 | 0.73 | 1.17 | 1.53 | 1.60 | 1.34 | 0.92 | 0.51 | 0.24 | 0.10 | 0.04 | 0.01    | 0.00 | 8.83 | 1.98 |
| 50                                                                       | 0.00              | 0.01 | 0.03 | 0.10 | 0.29 | 0.79 | 1.71 | 2.94 | 4.00 | 4.19 | 3.37 | 2.15 | 1.11 | 0.46 | 0.15 | 0.05 | 0.01    | 0.00 | 21.4 | 17.6 |
| 40                                                                       | 0.00              | 0.01 | 0.04 | 0.13 | 0.49 | 1.45 | 3.39 | 6.21 | 8.57 | 8.89 | 7.01 | 4.27 | 2.06 | 0.78 | 0.23 | 0.06 | 0.02    | 0.00 | 43.6 | 41.1 |
| 30                                                                       | 0.00              | 0.01 | 0.04 | 0.17 | 0.68 | 2.16 | 5.45 | 10.2 | 13.7 | 14.1 | 11.6 | 7.03 | 3.20 | 1.12 | 0.30 | 0.07 | 0.02    | 0.00 | 69.8 | 67.7 |
| 20                                                                       | 0.00              | 0.01 | 0.04 | 0.19 | 0.79 | 2.62 | 6.73 | 12.8 | 16.4 | 16.6 | 14.7 | 9.25 | 4.07 | 1.36 | 0.35 | 0.07 | 0.02    | 0.00 | 86.0 | 84.0 |
| 10                                                                       | 0.00              | 0.01 | 0.04 | 0.18 | 0.74 | 2.45 | 6.27 | 12.2 | 16.8 | 17.6 | 15.4 | 9.59 | 4.03 | 1.36 | 0.34 | 0.07 | 0.02    | 0.00 | 87.0 | 85.1 |
| 0                                                                        | 0.00              | 0.01 | 0.03 | 0.14 | 0.54 | 1.82 | 4.67 | 9.19 | 13.6 | 15.0 | 12.5 | 7.44 | 3.28 | 1.11 | 0.28 | 0.06 | 0.01    | 0.00 | 69.7 | 67.6 |
| -10                                                                      | 0.00              | 0.00 | 0.02 | 0.09 | 0.33 | 1.09 | 2.74 | 5.22 | 7.71 | 8.67 | 7.18 | 4.40 | 2.03 | 0.71 | 0.19 | 0.05 | 0.01    | 0.00 | 40.4 | 37.9 |
| -20                                                                      | 0.00              | 0.00 | 0.01 | 0.04 | 0.14 | 0.43 | 1.04 | 1.90 | 2.68 | 3.01 | 2.58 | 1.68 | 0.82 | 0.33 | 0.10 | 0.03 | 0.01    | 0.00 | 14.8 | 9.91 |
| -30                                                                      | 0.00              | 0.00 | 0.01 | 0.01 | 0.03 | 0.09 | 0.21 | 0.38 | 0.54 | 0.62 | 0.54 | 0.36 | 0.19 | 0.09 | 0.03 | 0.02 | 0.00    | 0.00 | 3.12 | 0.00 |
| -40                                                                      | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00    | 0.00 | 0.18 | 0.00 |
| -50                                                                      | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.04 | 0.00 |
| -60                                                                      | 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 |
| -70                                                                      | 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 | 0.01 | 0.00 |
| -80                                                                      | 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 | 0.01 | 0.00 |
| -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.01 | 0.00 |
| -90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90 |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |      |
| Φ t                                                                      | 0.00              | 0.08 | 0.35 | 1.23 | 4.41 | 13.6 | 33.4 | 62.9 | 86.2 | 91.2 | 76.9 | 47.7 | 21.8 | 7.83 | 2.24 | 0.60 | 0.16    | 0.02 | 451  | ---  |
| Φ a                                                                      | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 9.51 | 30.5 | 60.2 | 83.6 | 88.6 | 74.3 | 44.9 | 18.6 | 2.84 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 413  |

one-half-peak spread: U:19.8,D:30.2 , L:26.4,R:22.8

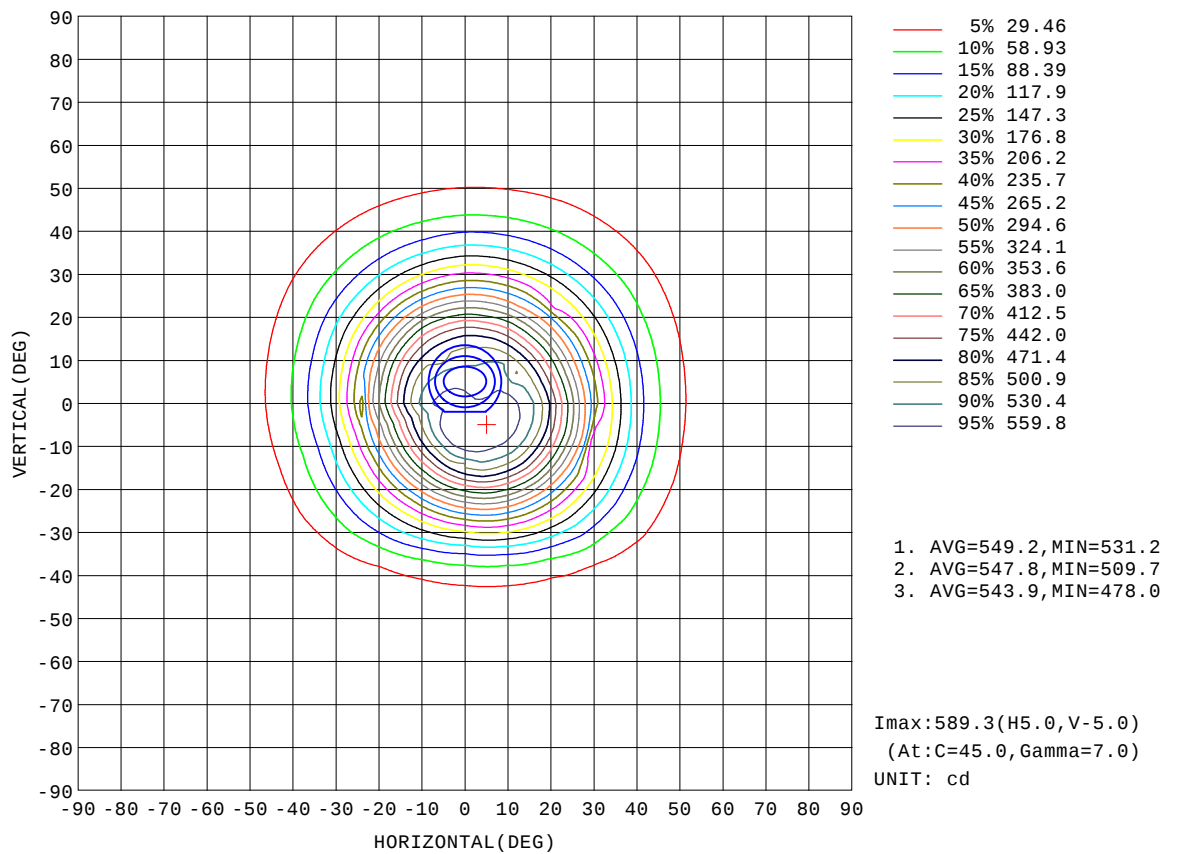
NEMA Beam Type: Type 5

**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:58.4471x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     | TYPE:RGBW-All | WEIGHT:          |
| SPEC.:                                                                         | DIM.:127mm    | SERIAL No.:      |
| MFR.:                                                                          | SUR.:         | Shielding Angle: |

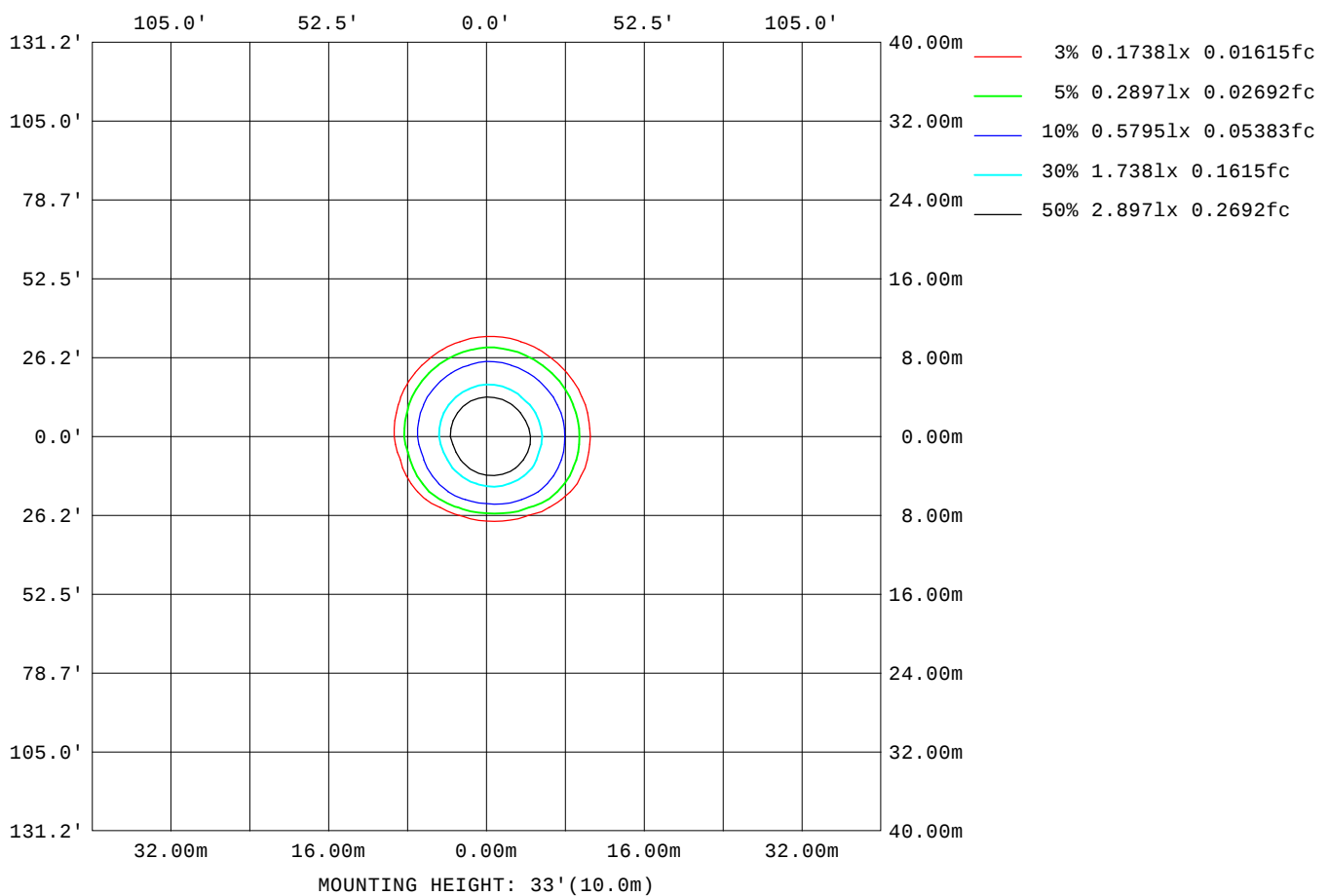


**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:CA0LE**  
**Test Date:09 December 2024**

**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

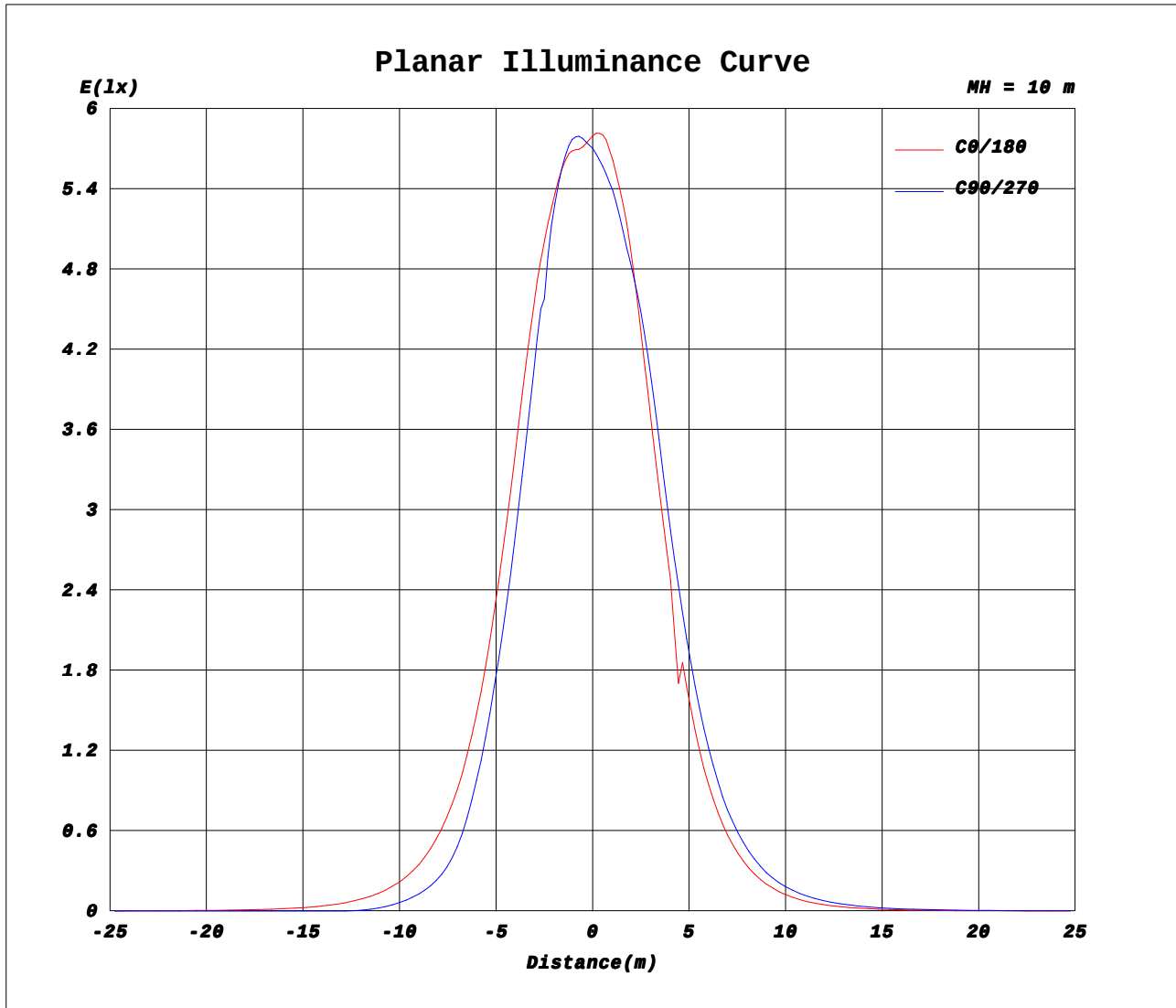
|                                                                                |               |                  |
|--------------------------------------------------------------------------------|---------------|------------------|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:58.4471x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     | TYPE:RGBW-All | WEIGHT:          |
| SPEC.:                                                                         | 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:CAOLE**  
**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

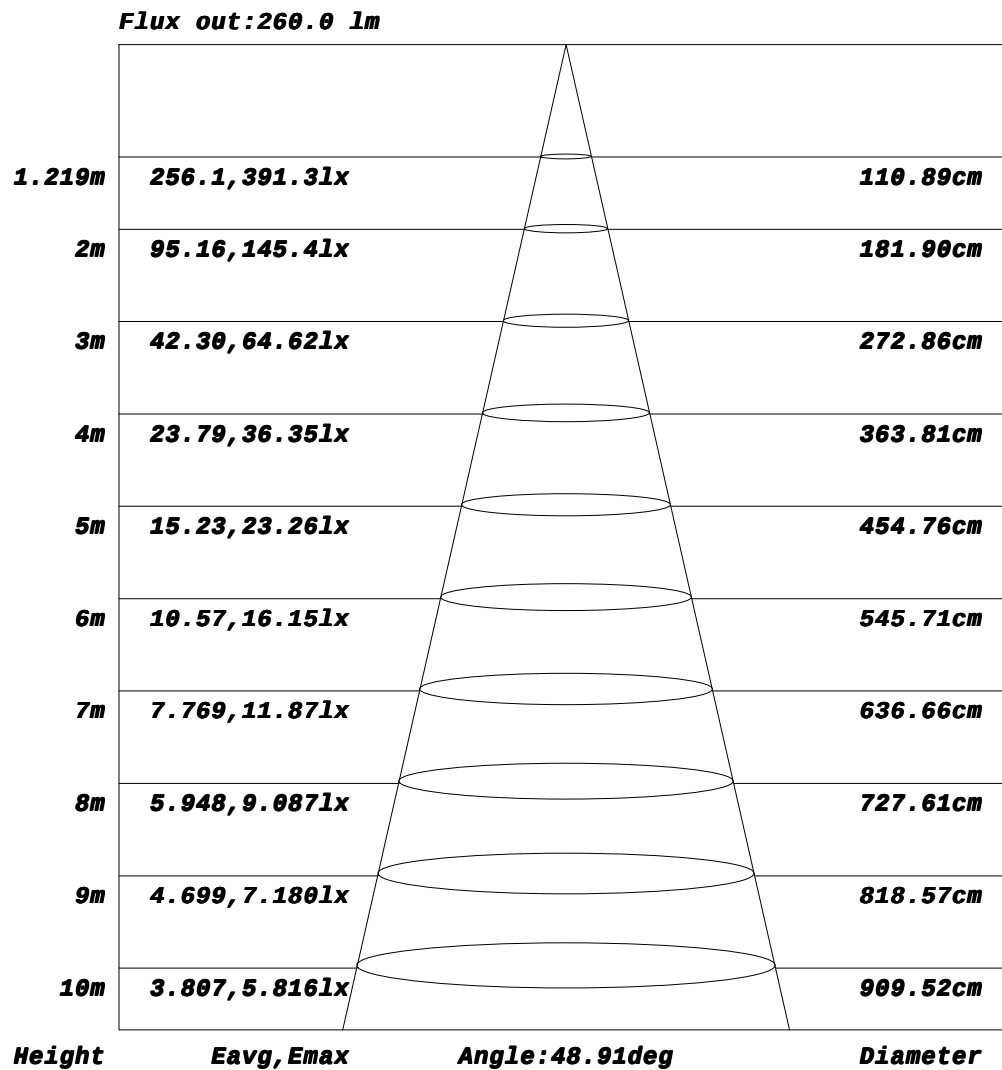


**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: CA0LE**  
**Test Date: 09 December 2024**

**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:58.4471x8 lm |               |                  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     | TYPE:RGBW-A11 | WEIGHT:          |
| SPEC.:                                                                         | 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(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:**

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|------------------|--|--|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:58.4471x8 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |  |                  |  |  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     |  |  |  |  |  |  |  |  | TYPE:RGBW-All |  |  |  |  |  | WEIGHT:          |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:127mm    |  |  |  |  |  | SERIAL No.:      |  |  |
| MFR.:                                                                          |  |  |  |  |  |  |  |  | SUR.:         |  |  |  |  |  | Shielding Angle: |  |  |

Table--1

UNIT: cd

| H(°) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| V(°) | -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 | 0.01 | 0.01 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 |
| -85  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.06 | 0.06 | 0.06 | 0.06 | 0.07 | 0.09 | 0.10 |
| -80  | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.04 | 0.06 | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | 0.11 | 0.12 |
| -75  | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.03 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.11 | 0.11 | 0.10 | 0.09 | 0.11 | 0.12 | 0.14 |
| -70  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 | 0.13 | 0.12 | 0.10 | 0.12 | 0.14 | 0.17 |
| -65  | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.06 | 0.09 | 0.09 | 0.10 | 0.10 | 0.12 | 0.15 | 0.15 | 0.14 | 0.13 | 0.15 | 0.17 | 0.18 |
| -60  | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.04 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 | 0.14 | 0.16 | 0.18 | 0.19 | 0.18 | 0.19 | 0.20 | 0.22 |
| -55  | 0.00 | 0.00 | 0.00 | 0.04 | 0.01 | 0.10 | 0.20 | 0.13 | 0.19 | 0.23 | 0.14 | 0.19 | 0.27 | 0.23 | 0.27 | 0.27 | 0.26 | 0.30 | 0.32 |
| -50  | 0.00 | 0.00 | 0.01 | 0.07 | 0.05 | 0.22 | 0.37 | 0.36 | 0.43 | 0.54 | 0.58 | 0.73 | 1.06 | 1.19 | 1.67 | 2.10 | 2.43 | 2.90 | 2.80 |
| -45  | 0.00 | 0.00 | 0.04 | 0.12 | 0.14 | 0.44 | 0.66 | 0.77 | 0.90 | 1.32 | 1.90 | 2.81 | 4.36 | 6.54 | 9.09 | 11.8 | 14.3 | 16.8 | 18.0 |
| -40  | 0.00 | 0.00 | 0.07 | 0.19 | 0.31 | 0.66 | 1.04 | 1.41 | 1.87 | 2.98 | 4.98 | 7.74 | 11.9 | 17.1 | 21.8 | 28.3 | 34.0 | 39.5 | 42.2 |
| -35  | 0.00 | 0.00 | 0.11 | 0.28 | 0.54 | 1.00 | 1.54 | 2.19 | 3.42 | 5.95 | 10.4 | 16.1 | 24.7 | 35.4 | 46.7 | 61.4 | 73.4 | 83.9 | 88.0 |
| -30  | 0.00 | 0.00 | 0.15 | 0.40 | 0.79 | 1.40 | 2.17 | 3.36 | 5.57 | 10.1 | 17.5 | 27.8 | 44.0 | 64.7 | 88.8 | 115  | 140  | 161  | 174  |
| -25  | 0.00 | 0.00 | 0.19 | 0.51 | 1.02 | 1.70 | 2.74 | 4.70 | 8.07 | 14.3 | 25.3 | 42.2 | 66.0 | 97.4 | 135  | 175  | 218  | 255  | 279  |
| -20  | 0.00 | 0.00 | 0.23 | 0.63 | 1.22 | 2.03 | 3.35 | 6.04 | 10.6 | 19.0 | 33.7 | 56.7 | 89.0 | 132  | 185  | 244  | 305  | 358  | 392  |
| -15  | 0.00 | 0.00 | 0.26 | 0.76 | 1.42 | 2.38 | 4.02 | 7.27 | 12.7 | 23.5 | 42.1 | 70.3 | 112  | 166  | 235  | 314  | 391  | 457  | 500  |
| -10  | 0.00 | 0.00 | 0.30 | 0.87 | 1.60 | 2.66 | 4.56 | 8.40 | 15.2 | 28.4 | 50.0 | 82.7 | 131  | 199  | 281  | 373  | 460  | 532  | 569  |
| -5   | 0.00 | 0.00 | 0.33 | 0.98 | 1.75 | 2.90 | 4.97 | 9.27 | 17.3 | 32.4 | 57.1 | 95.4 | 151  | 227  | 317  | 415  | 503  | 567  | 586  |
| 0    | 0.00 | 0.00 | 0.35 | 1.06 | 1.88 | 3.11 | 5.26 | 9.84 | 18.7 | 34.7 | 61.4 | 103  | 164  | 250  | 353  | 457  | 539  | 576  | 579  |
| 5    | 0.00 | 0.01 | 0.38 | 1.10 | 1.93 | 3.17 | 5.34 | 9.94 | 18.8 | 34.8 | 60.9 | 102  | 162  | 245  | 343  | 443  | 517  | 543  | 551  |
| 10   | 0.00 | 0.02 | 0.40 | 1.11 | 1.96 | 3.17 | 5.26 | 9.66 | 18.0 | 33.1 | 57.1 | 94.4 | 150  | 226  | 316  | 408  | 478  | 495  | 519  |
| 15   | 0.00 | 0.03 | 0.41 | 1.11 | 1.95 | 3.10 | 5.04 | 9.02 | 16.5 | 29.9 | 51.2 | 83.8 | 132  | 197  | 272  | 350  | 421  | 461  | 480  |
| 20   | 0.00 | 0.04 | 0.41 | 1.07 | 1.91 | 2.99 | 4.73 | 8.13 | 14.6 | 25.9 | 43.9 | 70.8 | 109  | 158  | 218  | 281  | 339  | 377  | 396  |
| 25   | 0.00 | 0.05 | 0.41 | 1.04 | 1.84 | 2.84 | 4.35 | 7.13 | 12.4 | 21.5 | 35.7 | 56.4 | 84.3 | 120  | 164  | 210  | 252  | 284  | 300  |
| 30   | 0.00 | 0.06 | 0.40 | 0.99 | 1.76 | 2.66 | 3.95 | 6.11 | 10.1 | 17.1 | 27.8 | 42.5 | 62.2 | 86.9 | 116  | 147  | 176  | 198  | 210  |
| 35   | 0.00 | 0.07 | 0.38 | 0.93 | 1.66 | 2.46 | 3.52 | 5.17 | 8.07 | 12.9 | 20.4 | 30.7 | 43.8 | 60.2 | 78.9 | 97.9 | 116  | 130  | 137  |
| 40   | 0.00 | 0.07 | 0.35 | 0.86 | 1.54 | 2.24 | 3.13 | 4.37 | 6.34 | 9.60 | 14.4 | 21.2 | 29.8 | 39.9 | 51.2 | 62.6 | 72.4 | 81.2 | 86.3 |
| 45   | 0.00 | 0.08 | 0.32 | 0.79 | 1.35 | 2.02 | 2.74 | 3.69 | 5.02 | 7.01 | 10.0 | 14.1 | 19.4 | 25.5 | 32.1 | 38.6 | 44.5 | 49.0 | 51.5 |
| 50   | 0.00 | 0.08 | 0.29 | 0.71 | 1.20 | 1.79 | 2.39 | 3.12 | 4.05 | 5.28 | 6.98 | 9.28 | 12.2 | 15.7 | 19.3 | 22.8 | 25.9 | 28.5 | 29.9 |
| 55   | 0.00 | 0.08 | 0.26 | 0.63 | 1.06 | 1.51 | 2.06 | 2.62 | 3.31 | 4.11 | 5.10 | 6.30 | 7.78 | 9.58 | 11.3 | 13.0 | 14.6 | 15.9 | 16.6 |
| 60   | 0.00 | 0.08 | 0.23 | 0.55 | 0.91 | 1.28 | 1.72 | 2.19 | 2.69 | 3.27 | 3.90 | 4.57 | 5.32 | 6.11 | 6.75 | 7.61 | 8.36 | 8.93 | 9.29 |
| 65   | 0.00 | 0.08 | 0.22 | 0.48 | 0.76 | 1.06 | 1.41 | 1.78 | 2.17 | 2.59 | 3.01 | 3.44 | 3.88 | 4.29 | 4.67 | 5.01 | 5.31 | 5.53 | 5.67 |
| 70   | 0.00 | 0.08 | 0.20 | 0.39 | 0.63 | 0.86 | 1.12 | 1.41 | 1.71 | 2.03 | 2.32 | 2.61 | 2.90 | 3.17 | 3.40 | 3.61 | 3.77 | 3.88 | 3.96 |
| 75   | 0.00 | 0.07 | 0.19 | 0.33 | 0.50 | 0.69 | 0.88 | 1.09 | 1.32 | 1.55 | 1.75 | 1.96 | 2.14 | 2.33 | 2.50 | 2.66 | 2.76 | 2.84 | 2.90 |
| 80   | 0.00 | 0.07 | 0.16 | 0.29 | 0.41 | 0.56 | 0.69 | 0.85 | 1.02 | 1.18 | 1.31 | 1.43 | 1.56 | 1.69 | 1.81 | 1.93 | 1.99 | 2.04 | 2.07 |
| 85   | 0.00 | 0.07 | 0.14 | 0.23 | 0.35 | 0.46 | 0.56 | 0.68 | 0.81 | 0.94 | 1.01 | 1.07 | 1.13 | 1.21 | 1.29 | 1.37 | 1.40 | 1.43 | 1.46 |
| 90   | 0.00 | 0.06 | 0.13 | 0.19 | 0.29 | 0.38 | 0.48 | 0.58 | 0.68 | 0.78 | 0.84 | 0.91 | 0.97 | 1.02 | 1.07 | 1.13 | 1.14 | 1.15 | 1.16 |

**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:**

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:24.00V I:0.3600A P:8.640W PF:0.4805 Freq:49.99Hz Lamp Flux:58.4471x8 lm |  |  |  |  |  |  |  |  |               |  |  |  |  |                  |  |  |  |  |
| NAME:Medusa Mini-127mm-RGBW 3000K-50D-Rev1                                     |  |  |  |  |  |  |  |  | TYPE:RGBW-All |  |  |  |  | WEIGHT:          |  |  |  |  |
| SPEC.:                                                                         |  |  |  |  |  |  |  |  | DIM.:127mm    |  |  |  |  | SERIAL No.:      |  |  |  |  |
| MFR.:                                                                          |  |  |  |  |  |  |  |  | SUR.:         |  |  |  |  | Shielding Angle: |  |  |  |  |

Table--2

UNIT: cd

| H(°) \ V(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -90         | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.04 |
| -85         | 0.08 | 0.07 | 0.05 | 0.05 | 0.06 | 0.06 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.04 |
| -80         | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.06 | 0.03 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.04 |
| -75         | 0.12 | 0.10 | 0.09 | 0.10 | 0.10 | 0.11 | 0.09 | 0.07 | 0.04 | 0.02 | 0.03 | 0.03 | 0.01 | 0.00 | 0.01 | 0.06 | 0.07 | 0.04 |
| -70         | 0.14 | 0.12 | 0.11 | 0.12 | 0.13 | 0.13 | 0.11 | 0.09 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.00 | 0.02 | 0.09 | 0.08 | 0.04 |
| -65         | 0.17 | 0.15 | 0.13 | 0.14 | 0.15 | 0.14 | 0.12 | 0.09 | 0.10 | 0.09 | 0.08 | 0.12 | 0.12 | 0.04 | 0.05 | 0.13 | 0.10 | 0.04 |
| -60         | 0.20 | 0.18 | 0.18 | 0.18 | 0.18 | 0.20 | 0.14 | 0.09 | 0.21 | 0.22 | 0.12 | 0.26 | 0.28 | 0.14 | 0.10 | 0.17 | 0.12 | 0.04 |
| -55         | 0.36 | 0.35 | 0.41 | 0.45 | 0.38 | 0.55 | 0.46 | 0.35 | 0.52 | 0.52 | 0.38 | 0.49 | 0.49 | 0.30 | 0.19 | 0.22 | 0.14 | 0.04 |
| -50         | 3.73 | 3.81 | 3.91 | 3.69 | 2.94 | 2.77 | 2.11 | 1.61 | 1.40 | 1.13 | 0.95 | 0.93 | 0.79 | 0.52 | 0.33 | 0.27 | 0.16 | 0.04 |
| -45         | 19.3 | 18.8 | 17.2 | 14.9 | 12.2 | 9.28 | 6.96 | 5.31 | 3.58 | 2.30 | 1.83 | 1.53 | 1.19 | 0.78 | 0.49 | 0.33 | 0.20 | 0.04 |
| -40         | 43.9 | 42.1 | 38.8 | 32.5 | 27.4 | 21.9 | 15.9 | 12.0 | 8.04 | 4.75 | 3.14 | 2.31 | 1.69 | 1.09 | 0.67 | 0.41 | 0.23 | 0.04 |
| -35         | 93.8 | 90.6 | 83.6 | 70.4 | 59.0 | 43.2 | 31.4 | 22.1 | 14.8 | 8.35 | 4.97 | 3.31 | 2.29 | 1.40 | 0.86 | 0.50 | 0.26 | 0.04 |
| -30         | 183  | 177  | 159  | 132  | 105  | 78.1 | 53.0 | 36.4 | 22.4 | 12.8 | 7.39 | 4.57 | 2.80 | 1.71 | 1.03 | 0.59 | 0.28 | 0.04 |
| -25         | 288  | 274  | 244  | 203  | 158  | 115  | 79.6 | 51.7 | 31.0 | 17.7 | 10.0 | 5.77 | 3.31 | 2.01 | 1.21 | 0.68 | 0.30 | 0.04 |
| -20         | 403  | 383  | 340  | 279  | 215  | 155  | 105  | 66.9 | 40.5 | 22.7 | 12.5 | 6.82 | 3.81 | 2.28 | 1.37 | 0.77 | 0.33 | 0.04 |
| -15         | 509  | 485  | 434  | 357  | 273  | 191  | 129  | 81.8 | 49.3 | 27.4 | 14.7 | 7.82 | 4.26 | 2.53 | 1.52 | 0.85 | 0.35 | 0.04 |
| -10         | 568  | 549  | 502  | 419  | 322  | 190  | 150  | 93.6 | 56.0 | 31.2 | 16.5 | 8.66 | 4.64 | 2.75 | 1.65 | 0.93 | 0.37 | 0.04 |
| -5          | 589  | 573  | 536  | 457  | 353  | 225  | 162  | 101  | 60.3 | 33.8 | 17.8 | 9.26 | 4.92 | 2.92 | 1.77 | 1.00 | 0.38 | 0.04 |
| 0           | 576  | 572  | 540  | 465  | 360  | 253  | 166  | 104  | 61.8 | 35.0 | 18.4 | 9.56 | 5.09 | 3.04 | 1.86 | 1.05 | 0.39 | 0.04 |
| 5           | 550  | 547  | 510  | 433  | 336  | 240  | 159  | 101  | 60.2 | 34.3 | 18.3 | 9.55 | 5.13 | 3.09 | 1.90 | 1.08 | 0.41 | 0.04 |
| 10          | 526  | 516  | 464  | 388  | 300  | 216  | 145  | 92.7 | 56.1 | 32.2 | 17.5 | 9.23 | 5.06 | 3.08 | 1.92 | 1.10 | 0.42 | 0.04 |
| 15          | 476  | 450  | 396  | 329  | 255  | 184  | 126  | 81.0 | 49.9 | 29.1 | 16.1 | 8.61 | 4.89 | 3.04 | 1.92 | 1.10 | 0.43 | 0.04 |
| 20          | 388  | 364  | 318  | 263  | 202  | 149  | 103  | 67.5 | 42.4 | 25.3 | 14.3 | 7.83 | 4.65 | 2.96 | 1.89 | 1.10 | 0.43 | 0.04 |
| 25          | 295  | 274  | 238  | 195  | 154  | 114  | 80.6 | 54.1 | 34.6 | 21.1 | 12.3 | 7.01 | 4.35 | 2.85 | 1.85 | 1.08 | 0.43 | 0.04 |
| 30          | 207  | 192  | 169  | 141  | 111  | 83.2 | 60.0 | 41.6 | 27.2 | 16.9 | 10.1 | 6.16 | 4.02 | 2.71 | 1.79 | 1.05 | 0.43 | 0.04 |
| 35          | 136  | 127  | 113  | 95.0 | 75.9 | 58.0 | 42.9 | 30.5 | 20.6 | 13.2 | 8.20 | 5.33 | 3.68 | 2.55 | 1.72 | 1.02 | 0.42 | 0.04 |
| 40          | 85.3 | 80.0 | 71.8 | 61.4 | 50.3 | 39.4 | 29.7 | 21.6 | 15.0 | 10.0 | 6.62 | 4.62 | 3.34 | 2.39 | 1.64 | 0.97 | 0.41 | 0.04 |
| 45          | 51.3 | 48.7 | 44.2 | 38.6 | 32.2 | 25.8 | 19.9 | 14.7 | 10.6 | 7.52 | 5.38 | 3.99 | 2.99 | 2.21 | 1.54 | 0.91 | 0.39 | 0.04 |
| 50          | 29.8 | 28.4 | 26.2 | 23.3 | 20.0 | 16.3 | 12.9 | 9.92 | 7.52 | 5.75 | 4.45 | 3.46 | 2.67 | 2.03 | 1.44 | 0.86 | 0.36 | 0.04 |
| 55          | 16.7 | 16.1 | 15.0 | 13.6 | 11.9 | 10.1 | 8.34 | 6.83 | 5.58 | 4.57 | 3.71 | 2.98 | 2.36 | 1.84 | 1.33 | 0.80 | 0.34 | 0.04 |
| 60          | 9.32 | 9.09 | 8.65 | 8.07 | 7.35 | 6.56 | 5.77 | 5.06 | 4.36 | 3.70 | 3.10 | 2.56 | 2.08 | 1.65 | 1.21 | 0.73 | 0.33 | 0.04 |
| 65          | 5.72 | 5.68 | 5.54 | 5.32 | 5.04 | 4.70 | 4.30 | 3.91 | 3.48 | 3.01 | 2.58 | 2.19 | 1.80 | 1.45 | 1.09 | 0.66 | 0.31 | 0.04 |
| 70          | 4.01 | 4.02 | 3.98 | 3.87 | 3.72 | 3.53 | 3.29 | 3.04 | 2.76 | 2.44 | 2.14 | 1.82 | 1.53 | 1.25 | 0.96 | 0.59 | 0.28 | 0.04 |
| 75          | 2.94 | 2.96 | 2.95 | 2.88 | 2.78 | 2.66 | 2.51 | 2.35 | 2.17 | 1.94 | 1.71 | 1.49 | 1.26 | 1.05 | 0.82 | 0.53 | 0.26 | 0.04 |
| 80          | 2.11 | 2.14 | 2.16 | 2.11 | 2.05 | 1.97 | 1.87 | 1.77 | 1.67 | 1.51 | 1.33 | 1.17 | 1.02 | 0.87 | 0.72 | 0.47 | 0.24 | 0.04 |
| 85          | 1.48 | 1.51 | 1.52 | 1.49 | 1.45 | 1.40 | 1.36 | 1.33 | 1.28 | 1.15 | 1.04 | 0.92 | 0.82 | 0.72 | 0.60 | 0.40 | 0.21 | 0.04 |
| 90          | 1.16 | 1.17 | 1.18 | 1.17 | 1.15 | 1.14 | 1.09 | 1.04 | 0.98 | 0.91 | 0.84 | 0.78 | 0.68 | 0.58 | 0.49 | 0.34 | 0.19 | 0.04 |

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 GO-2000A\_V1 SYSTEM V2.0.353

Humidity:65.0%

Test Distance:9.060m [K=1.0000]

Remarks: