

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 4867.6 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 41.9V x 43.0H |
|             | At 50% of Imax | 22.2V x 22.9H |
|             | At 90% of Imax | 8.4V x 8.8H   |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.2 lumens per klm. |
|           | To 10% of Imax | 777.8 lumens per klm.  |
|           | To 50% of Imax | 414.4 lumens per klm.  |
|           | To 90% of Imax | 74.1 lumens per klm.   |

|              |        |
|--------------|--------|
| Upward LOR   | 2.3 %  |
| Downward LOR | 97.8 % |

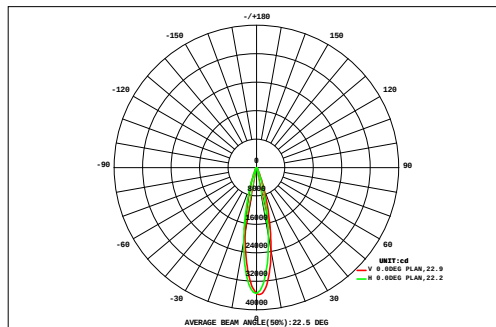
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-09-21

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:8.630m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                         |                   |                  |
|-----------------------------------------|-------------------|------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:          |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:      |
| MFR.:                                   | SUR.:             | Shielding Angle: |



| DATA OF LAMP     |       | Eff:38.05lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 35689    |
| NOMINAL POWER(W) | 194.6 | AVAILABILITY(%) | 77.9     |
| RATED VOLTAGE(V) | 220   | Avai. FLUX(lm)  | 5709     |
| NOMINAL FLUX(lm) | 7332  | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 7332     |
| TEST VOLTAGE(V)  | 220   | q @50%(H,V)     | 23,22DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      | F t  | F a  |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|
|                | 1.35              | 1.62 | 1.95 | 2.36 | 2.83 | 3.32 | 3.76 | 4.08 | 4.21             | 4.17 | 3.95 | 3.58 | 3.12 | 2.65 | 2.24 | 1.89 | 1.59    | 1.34 | 50.0 | 0.00 |
| 27             | 1.58              | 1.96 | 2.48 | 3.18 | 4.07 | 5.06 | 5.99 | 6.69 | 6.98             | 6.89 | 6.43 | 5.62 | 4.66 | 3.76 | 3.00 | 2.39 | 1.92    | 1.56 | 74.2 | 0.00 |
| 24             | 1.85              | 2.42 | 3.26 | 4.45 | 6.13 | 8.17 | 10.0 | 11.4 | 12.1             | 11.9 | 11.0 | 9.36 | 7.46 | 5.67 | 4.22 | 3.15 | 2.37    | 1.84 | 117  | 51.1 |
| 21             | 2.18              | 3.03 | 4.33 | 6.38 | 9.29 | 12.9 | 16.6 | 19.3 | 20.6             | 20.3 | 18.5 | 15.4 | 12.0 | 8.79 | 6.13 | 4.23 | 3.00    | 2.18 | 185  | 142  |
| 18             | 2.58              | 3.76 | 5.76 | 8.98 | 13.6 | 19.6 | 26.1 | 31.0 | 33.3             | 32.8 | 29.8 | 24.5 | 18.7 | 13.2 | 8.86 | 5.75 | 3.80    | 2.61 | 285  | 250  |
| 15             | 3.00              | 4.61 | 7.45 | 12.1 | 18.9 | 27.8 | 37.8 | 46.0 | 49.6             | 49.0 | 44.3 | 36.4 | 27.5 | 19.0 | 12.3 | 7.81 | 4.91    | 3.14 | 412  | 383  |
| 12             | 3.39              | 5.45 | 9.17 | 15.3 | 24.3 | 36.1 | 49.6 | 62.0 | 67.7             | 67.0 | 60.5 | 49.5 | 37.0 | 25.8 | 16.9 | 10.5 | 6.24    | 3.73 | 550  | 525  |
| 9              | 3.70              | 6.15 | 10.5 | 17.8 | 28.8 | 43.0 | 59.2 | 74.5 | 83.5             | 82.6 | 74.5 | 61.6 | 47.3 | 33.7 | 21.9 | 13.2 | 7.58    | 4.31 | 674  | 650  |
|                | 3.86              | 6.51 | 11.2 | 19.2 | 31.0 | 46.7 | 64.5 | 80.9 | 92.5             | 92.7 | 86.1 | 73.6 | 57.0 | 40.1 | 26.0 | 15.4 | 8.63    | 4.74 | 761  | 739  |
|                | 3.85              | 6.56 | 11.4 | 19.5 | 31.7 | 47.7 | 65.8 | 82.1 | 92.9             | 95.3 | 89.5 | 76.4 | 59.1 | 41.5 | 26.8 | 15.8 | 8.84    | 4.81 | 780  | 759  |
|                | 3.65              | 6.26 | 10.9 | 18.7 | 30.4 | 45.8 | 62.6 | 76.6 | 85.3             | 86.1 | 80.0 | 68.7 | 53.3 | 37.5 | 24.2 | 14.4 | 8.14    | 4.47 | 717  | 696  |
|                | 3.27              | 5.55 | 9.70 | 16.5 | 26.5 | 39.0 | 52.1 | 63.5 | 70.7             | 71.2 | 65.1 | 55.7 | 43.6 | 31.1 | 20.2 | 12.2 | 7.00    | 3.92 | 597  | 573  |
| -9             | 2.78              | 4.60 | 7.92 | 13.1 | 20.5 | 29.6 | 39.2 | 47.8 | 53.2             | 53.5 | 48.6 | 41.1 | 32.4 | 23.3 | 15.5 | 9.58 | 5.62    | 3.27 | 452  | 426  |
| -12            | 2.24              | 3.58 | 5.90 | 9.49 | 14.4 | 20.6 | 27.2 | 32.9 | 36.4             | 36.6 | 33.5 | 28.0 | 22.0 | 16.1 | 10.9 | 7.01 | 4.27    | 2.61 | 314  | 284  |
| -15            | 1.74              | 2.67 | 4.16 | 6.42 | 9.52 | 13.3 | 17.3 | 20.8 | 23.0             | 23.1 | 21.2 | 17.8 | 13.9 | 10.4 | 7.25 | 4.78 | 3.11    | 2.02 | 202  | 163  |
| -18            | 1.37              | 1.96 | 2.88 | 4.19 | 5.96 | 8.09 | 10.4 | 12.3 | 13.5             | 13.6 | 12.5 | 10.6 | 8.39 | 6.38 | 4.60 | 3.23 | 2.22    | 1.55 | 124  | 68.5 |
| -21            | 1.08              | 1.45 | 1.99 | 2.74 | 3.69 | 4.80 | 5.99 | 7.01 | 7.63             | 7.66 | 7.11 | 6.12 | 4.95 | 3.86 | 2.95 | 2.18 | 1.60    | 1.19 | 74.0 | 0.00 |
| -24            | 0.87              | 1.10 | 1.41 | 1.82 | 2.32 | 2.91 | 3.48 | 3.95 | 4.23             | 4.24 | 3.99 | 3.54 | 2.99 | 2.42 | 1.92 | 1.51 | 1.19    | 0.94 | 44.8 | 0.00 |
| -27            | -27               | -24  | -21  | -18  | -15  | -12  | -9   | -6   | HORIZONTAL (DEG) | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 27      |      |      |      |
| F t            | 44.4              | 69.2 | 112  | 182  | 284  | 414  | 558  | 683  | 757              | 759  | 697  | 588  | 455  | 325  | 216  | 135  | 82.0    | 50.2 | 6411 | ---  |
| F a            | 0.00              | 0.00 | 52.1 | 142  | 249  | 384  | 531  | 657  | 734              | 735  | 672  | 561  | 425  | 292  | 177  | 86.7 | 11.3    | 0.00 | ---  | 5709 |

one-half-peak spread: U:11.5,D:10.8 , L:11.9,R:11.2

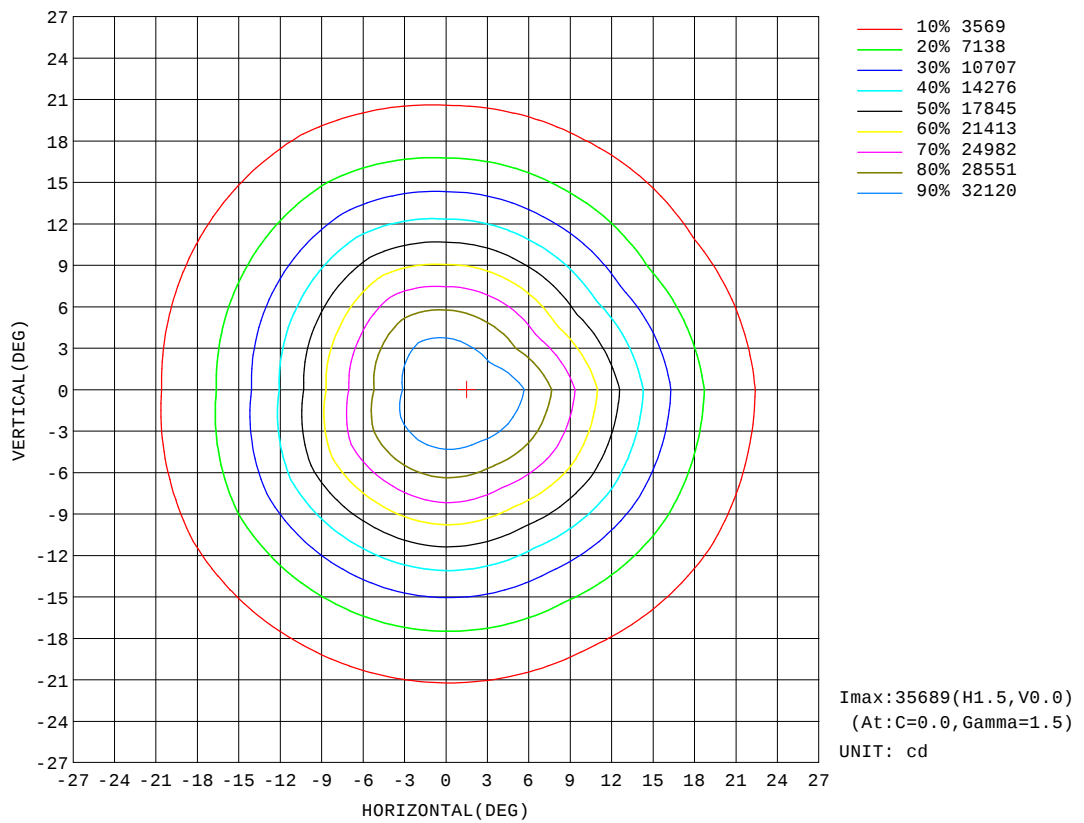
NEMA Beam Type: Type 3

H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-09-21

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:              |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:IES001746 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |

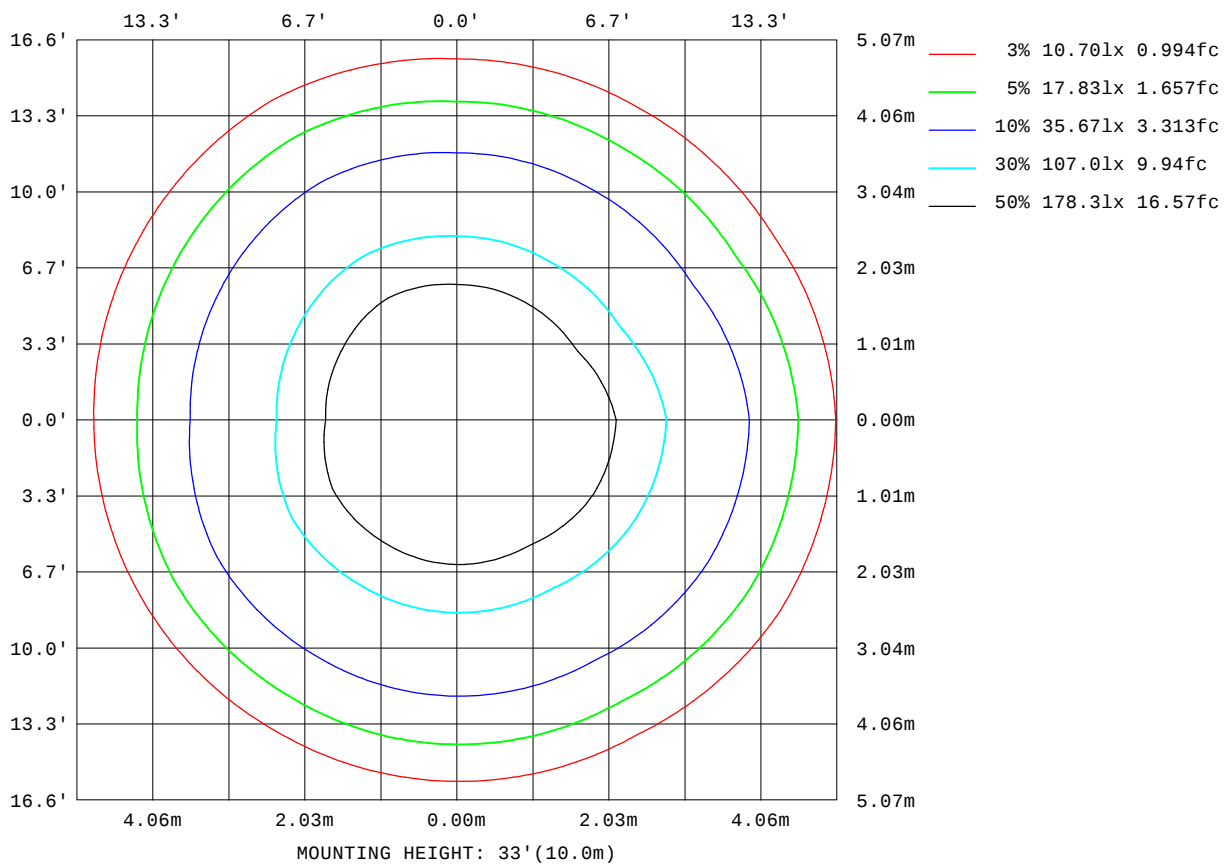


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-09-21

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity:65.0%  
Test Distance:8.630m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

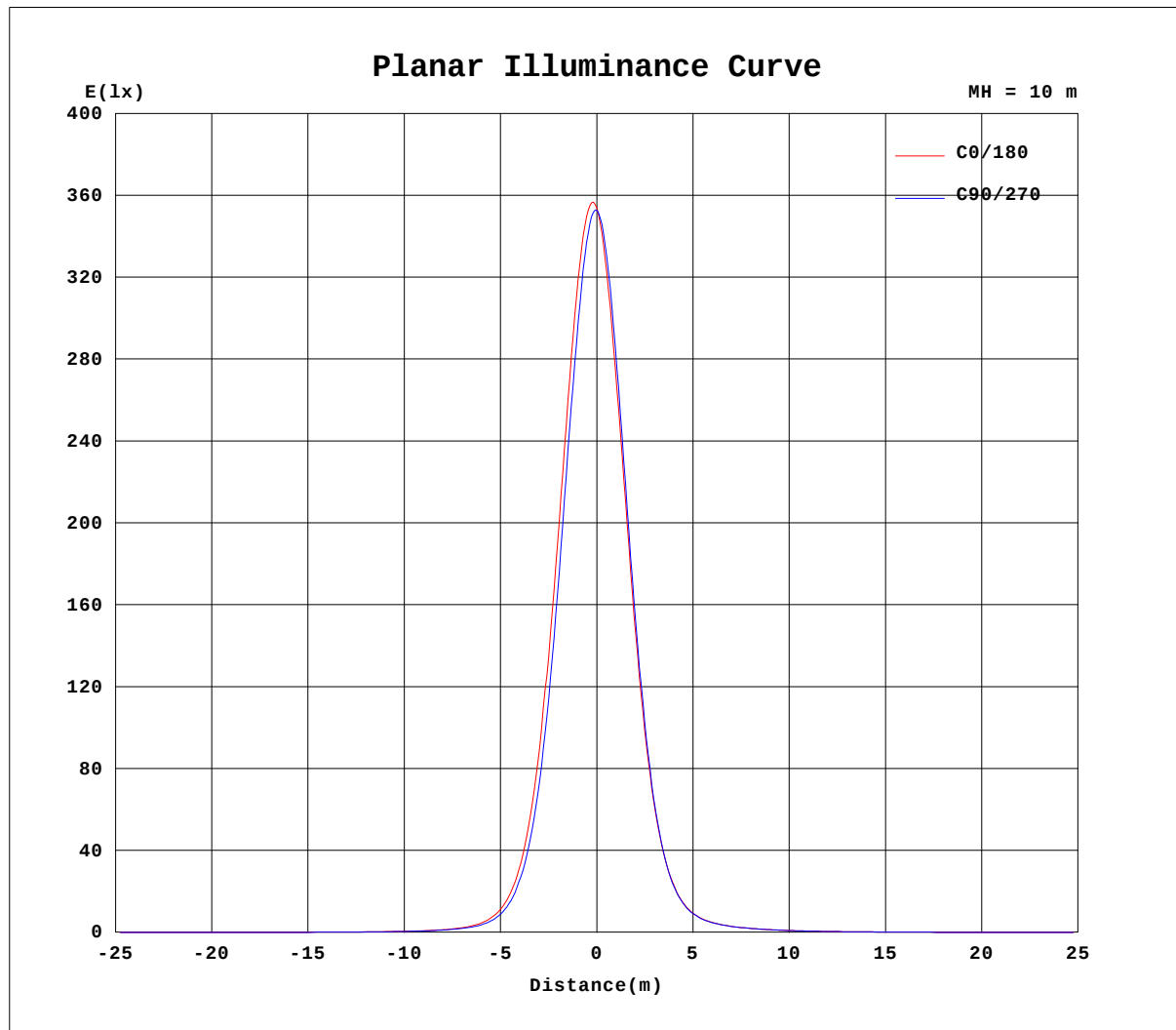
|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:              |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:IES001746 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-09-21

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

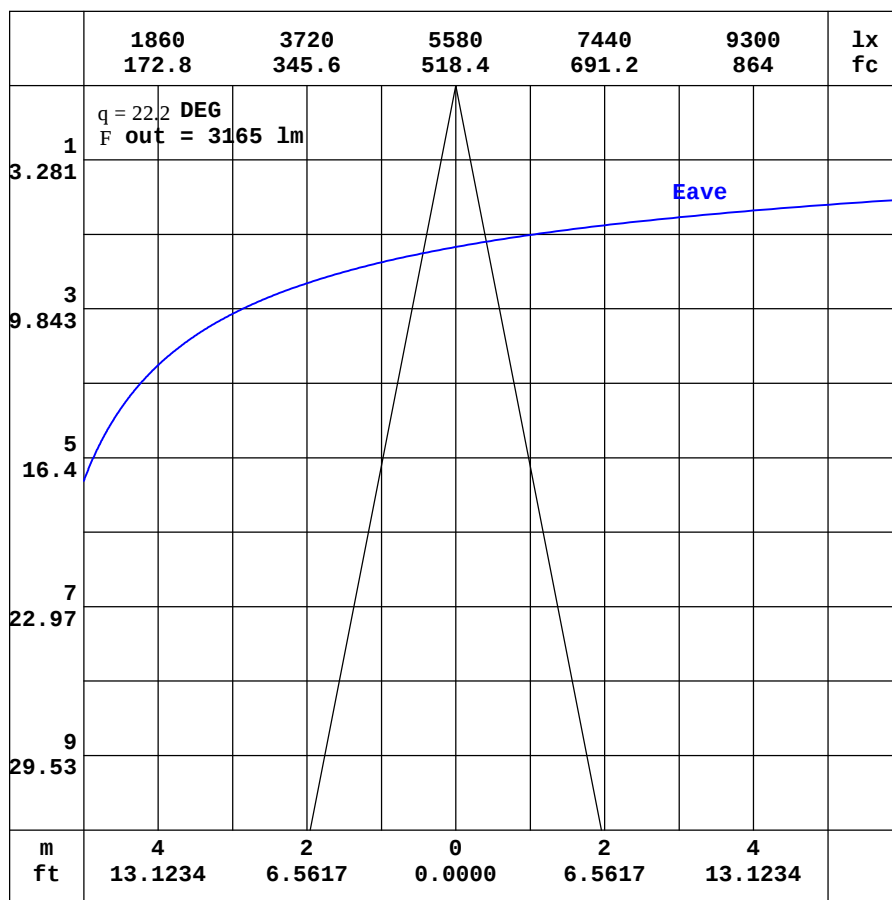


$H(b)$  Range: -90 - 90DEG  
 $H(b)$  Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-09-21

$V(B)$  Range: -180 - 180DEG  
 $V(B)$  Interval: 0.5DEG  
Test System: EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
Humidity: 65.0%  
Test Distance: 8.630m [K=1.0000]  
Remarks:

### AAI CURVES

|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:              |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:IES001746 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |



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

**H<sub>b</sub>** Range:-90 - 90DEG  
**H<sub>b</sub>** Interval: 0.5DEG  
 Test Speed: LOW  
 Temperature:25.3DEG  
 Operators:Fan  
 Test Date:2023-09-21

**V(B)** Range:-180 - 180DEG  
**V(B)** Interval: 0.5DEG  
 Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:8.630m [K=1.0000]  
 Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:              |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:IES001746 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |

**Table--1**
**UNIT: ×10cd**

| H(°)\V(°) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180      | 2.66 | 2.36 | 2.13 | 2.00 | 1.99 | 2.14 | 2.56 | 3.28 | 4.22 | 5.14 | 5.80 | 6.05 | 5.92 | 5.62 | 5.28 | 4.95 | 4.61 | 4.34 | 4.60 |
| -170      | 2.66 | 2.34 | 2.09 | 1.95 | 1.89 | 1.95 | 2.18 | 2.62 | 3.20 | 3.77 | 4.19 | 4.40 | 4.44 | 4.41 | 4.36 | 4.37 | 4.57 | 4.74 | 4.76 |
| -160      | 2.66 | 2.32 | 2.07 | 1.91 | 1.81 | 1.77 | 1.81 | 1.94 | 2.15 | 2.35 | 2.48 | 2.53 | 2.63 | 3.20 | 3.72 | 4.17 | 4.53 | 4.71 | 4.79 |
| -150      | 2.66 | 2.31 | 2.05 | 1.88 | 1.75 | 1.64 | 1.54 | 1.44 | 1.33 | 1.18 | 1.06 | 1.38 | 1.77 | 2.20 | 2.60 | 2.97 | 3.25 | 3.42 | 3.47 |
| -140      | 2.66 | 2.30 | 2.04 | 1.86 | 1.72 | 1.58 | 1.42 | 1.20 | 0.93 | 0.78 | 0.79 | 0.88 | 1.03 | 1.22 | 1.43 | 1.62 | 1.77 | 1.86 | 1.89 |
| -130      | 2.66 | 2.31 | 2.05 | 1.86 | 1.71 | 1.57 | 1.42 | 1.21 | 1.04 | 0.93 | 0.84 | 0.78 | 0.76 | 0.76 | 0.79 | 0.83 | 0.87 | 0.89 | 0.90 |
| -120      | 2.66 | 2.32 | 2.06 | 1.86 | 1.71 | 1.58 | 1.45 | 1.34 | 1.28 | 1.21 | 1.14 | 1.07 | 1.00 | 0.94 | 0.91 | 0.88 | 0.86 | 0.85 | 0.86 |
| -110      | 2.66 | 2.34 | 2.08 | 1.86 | 1.69 | 1.55 | 1.44 | 1.40 | 1.41 | 1.40 | 1.39 | 1.37 | 1.35 | 1.34 | 1.32 | 1.31 | 1.31 | 1.31 | 1.31 |
| -100      | 2.66 | 2.37 | 2.10 | 1.87 | 1.66 | 1.48 | 1.32 | 1.33 | 1.36 | 1.38 | 1.39 | 1.41 | 1.42 | 1.43 | 1.44 | 1.45 | 1.46 | 1.46 | 1.47 |
| -90       | 2.66 | 2.40 | 2.15 | 1.89 | 1.63 | 1.37 | 1.12 | 1.12 | 1.13 | 1.14 | 1.14 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| -80       | 2.66 | 2.45 | 2.22 | 2.02 | 1.83 | 1.65 | 1.39 | 1.39 | 1.41 | 1.43 | 1.45 | 1.47 | 1.48 | 1.50 | 1.51 | 1.52 | 1.52 | 1.52 | 1.52 |
| -70       | 2.66 | 2.51 | 2.39 | 2.45 | 2.29 | 2.08 | 1.84 | 1.86 | 2.04 | 2.22 | 2.40 | 2.58 | 2.74 | 2.90 | 3.05 | 3.16 | 3.23 | 3.26 | 3.25 |
| -60       | 2.66 | 2.59 | 2.81 | 2.82 | 2.82 | 2.79 | 2.78 | 2.88 | 3.34 | 3.83 | 4.31 | 4.77 | 5.19 | 5.58 | 5.93 | 6.23 | 6.44 | 6.55 | 6.58 |
| -50       | 2.66 | 2.68 | 3.09 | 3.30 | 3.52 | 3.83 | 4.16 | 4.45 | 5.03 | 5.86 | 6.71 | 7.55 | 8.40 | 9.22 | 10.0 | 10.7 | 11.2 | 11.6 | 11.7 |
| -40       | 2.66 | 2.82 | 3.38 | 3.81 | 4.38 | 5.08 | 5.84 | 6.56 | 7.17 | 8.15 | 9.58 | 11.2 | 13.0 | 15.1 | 17.3 | 19.4 | 21.2 | 22.5 | 22.9 |
| -30       | 2.66 | 3.05 | 3.69 | 4.37 | 5.31 | 6.45 | 7.73 | 9.05 | 10.4 | 11.6 | 13.1 | 16.4 | 20.7 | 26.6 | 34.3 | 44.3 | 55.8 | 65.8 | 69.9 |
| -20       | 2.66 | 3.21 | 3.98 | 4.91 | 6.21 | 7.82 | 9.69 | 11.8 | 14.2 | 17.0 | 20.8 | 25.7 | 34.7 | 55.4 | 97.3 | 174  | 285  | 399  | 452  |
| -10       | 2.66 | 3.32 | 4.22 | 5.38 | 7.00 | 9.05 | 11.5 | 14.5 | 18.2 | 23.3 | 30.6 | 42.1 | 64.4 | 124  | 291  | 652  | 1218 | 1800 | 2096 |
| 0         | 2.66 | 3.40 | 4.41 | 5.74 | 7.59 | 9.98 | 13.0 | 16.7 | 21.5 | 28.7 | 39.0 | 55.2 | 86.4 | 167  | 396  | 929  | 1850 | 2894 | 3538 |
| 10        | 2.66 | 3.38 | 4.37 | 5.66 | 7.45 | 9.77 | 12.7 | 16.3 | 20.9 | 27.4 | 36.7 | 50.8 | 75.2 | 131  | 275  | 598  | 1145 | 1745 | 1920 |
| 20        | 2.66 | 3.33 | 4.27 | 5.44 | 7.07 | 9.15 | 11.7 | 14.9 | 18.8 | 23.9 | 30.8 | 40.3 | 53.9 | 75.2 | 114  | 183  | 290  | 372  | 397  |
| 30        | 2.66 | 3.21 | 4.11 | 5.11 | 6.48 | 8.22 | 10.4 | 12.9 | 16.0 | 19.6 | 24.0 | 29.5 | 36.3 | 44.7 | 54.6 | 65.7 | 76.0 | 83.3 | 85.0 |
| 40        | 2.66 | 3.03 | 3.89 | 4.71 | 5.77 | 7.11 | 8.71 | 10.6 | 12.7 | 15.2 | 17.9 | 20.8 | 23.9 | 27.6 | 31.3 | 34.5 | 37.0 | 38.6 | 38.9 |
| 50        | 2.66 | 2.91 | 3.66 | 4.29 | 5.02 | 5.94 | 7.04 | 8.29 | 9.66 | 11.2 | 12.7 | 14.4 | 16.0 | 17.5 | 18.9 | 20.0 | 20.9 | 21.4 | 21.5 |
| 60        | 2.66 | 2.84 | 3.41 | 3.85 | 4.33 | 4.87 | 5.50 | 6.23 | 7.01 | 7.83 | 8.68 | 9.53 | 10.4 | 11.1 | 11.7 | 12.2 | 12.5 | 12.6 | 12.6 |
| 70        | 2.66 | 2.78 | 2.98 | 3.43 | 3.72 | 4.01 | 4.30 | 4.62 | 4.97 | 5.32 | 5.67 | 6.02 | 6.34 | 6.62 | 6.85 | 7.02 | 7.12 | 7.16 | 7.13 |
| 80        | 2.66 | 2.72 | 2.79 | 2.88 | 3.05 | 3.28 | 3.44 | 3.57 | 3.69 | 3.80 | 3.90 | 3.99 | 4.07 | 4.13 | 4.17 | 4.21 | 4.22 | 4.23 | 4.22 |
| 90        | 2.66 | 2.66 | 2.67 | 2.67 | 2.68 | 2.68 | 2.69 | 2.69 | 2.70 | 2.70 | 2.71 | 2.71 | 2.72 | 2.72 | 2.72 | 2.72 | 2.72 | 2.71 | 2.71 |
| 100       | 2.66 | 2.61 | 2.56 | 2.51 | 2.46 | 2.42 | 2.38 | 2.34 | 2.30 | 2.27 | 2.25 | 2.23 | 2.21 | 2.19 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 |
| 110       | 2.66 | 2.56 | 2.46 | 2.36 | 2.28 | 2.20 | 2.14 | 2.09 | 2.05 | 2.02 | 1.99 | 1.98 | 1.96 | 1.95 | 1.95 | 1.95 | 1.94 | 1.94 | 1.94 |
| 120       | 2.66 | 2.51 | 2.37 | 2.24 | 2.14 | 2.06 | 2.01 | 1.98 | 1.96 | 1.96 | 1.99 | 2.02 | 2.06 | 2.12 | 2.18 | 2.23 | 2.27 | 2.30 | 2.30 |
| 130       | 2.66 | 2.46 | 2.29 | 2.15 | 2.05 | 1.99 | 1.97 | 1.99 | 2.06 | 2.19 | 2.37 | 2.59 | 2.84 | 3.09 | 3.34 | 3.56 | 3.73 | 3.82 | 3.85 |
| 140       | 2.66 | 2.43 | 2.23 | 2.08 | 2.00 | 1.97 | 2.01 | 2.16 | 2.42 | 2.80 | 3.27 | 3.79 | 4.29 | 4.74 | 5.10 | 5.40 | 5.59 | 5.70 | 5.73 |
| 150       | 2.66 | 2.40 | 2.19 | 2.04 | 1.98 | 2.00 | 2.15 | 2.48 | 3.00 | 3.67 | 4.39 | 5.06 | 5.59 | 5.97 | 6.24 | 6.42 | 6.53 | 6.59 | 6.62 |
| 160       | 2.66 | 2.38 | 2.16 | 2.02 | 1.98 | 2.05 | 2.33 | 2.85 | 3.60 | 4.46 | 5.25 | 5.83 | 6.18 | 6.34 | 6.42 | 6.50 | 6.62 | 6.66 | 6.77 |
| 170       | 2.66 | 2.37 | 2.14 | 2.00 | 1.98 | 2.11 | 2.48 | 3.15 | 4.04 | 4.96 | 5.68 | 6.08 | 6.16 | 6.05 | 5.86 | 5.69 | 5.59 | 5.58 | 5.69 |
| 180       | 2.66 | 2.36 | 2.13 | 2.00 | 1.99 | 2.14 | 2.56 | 3.28 | 4.22 | 5.14 | 5.80 | 6.05 | 5.92 | 5.62 | 5.28 | 4.95 | 4.61 | 4.34 | 4.58 |

**H<sub>(b)</sub> Range:-90 - 90DEG**  
**H<sub>(b)</sub> Interval: 0.5DEG**  
**Test Speed: LOW**  
**Temperature:25.3DEG**  
**Operators:Fan**  
**Test Date:2023-09-21**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351**  
**Humidity:65.0%**  
**Test Distance:8.630m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:Aurora Max-618mm-RGBW ALL-23D-Rev1 | TYPE:RGBW W=6500K | WEIGHT:              |
| SPEC.:23 DEG                            | DIM.:618mm        | SERIAL No.:IES001746 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |

**Table--2**
**UNIT: ×10cd**

| H(°)<br>V(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180         | 4.19 | 4.25 | 4.20 | 3.98 | 3.56 | 3.00 | 2.35 | 1.71 | 1.20 | 0.90 | 0.84 | 0.97 | 1.17 | 1.35 | 1.44 | 1.39 | 1.24 | 0.99 |  |
| -170         | 4.61 | 4.55 | 4.36 | 4.04 | 3.54 | 2.91 | 2.24 | 1.61 | 1.14 | 0.88 | 0.84 | 0.98 | 1.18 | 1.36 | 1.44 | 1.39 | 1.23 | 0.99 |  |
| -160         | 4.67 | 4.46 | 4.08 | 3.58 | 3.01 | 2.40 | 1.81 | 1.32 | 0.98 | 0.83 | 0.87 | 1.03 | 1.23 | 1.38 | 1.43 | 1.38 | 1.22 | 0.99 |  |
| -150         | 3.39 | 3.19 | 2.90 | 2.50 | 2.06 | 1.63 | 1.26 | 0.98 | 0.84 | 0.83 | 0.95 | 1.12 | 1.29 | 1.41 | 1.43 | 1.36 | 1.21 | 0.99 |  |
| -140         | 1.85 | 1.74 | 1.58 | 1.38 | 1.17 | 0.99 | 0.86 | 0.81 | 0.84 | 0.94 | 1.09 | 1.24 | 1.36 | 1.43 | 1.42 | 1.33 | 1.18 | 0.99 |  |
| -130         | 0.89 | 0.87 | 0.83 | 0.80 | 0.78 | 0.79 | 0.84 | 0.92 | 1.03 | 1.15 | 1.27 | 1.36 | 1.42 | 1.43 | 1.39 | 1.29 | 1.16 | 0.99 |  |
| -120         | 0.86 | 0.88 | 0.90 | 0.94 | 0.98 | 1.05 | 1.13 | 1.21 | 1.28 | 1.35 | 1.40 | 1.42 | 1.42 | 1.39 | 1.33 | 1.24 | 1.12 | 0.99 |  |
| -110         | 1.31 | 1.32 | 1.33 | 1.34 | 1.36 | 1.38 | 1.40 | 1.42 | 1.43 | 1.43 | 1.42 | 1.39 | 1.36 | 1.31 | 1.25 | 1.17 | 1.08 | 0.99 |  |
| -100         | 1.46 | 1.45 | 1.44 | 1.43 | 1.42 | 1.40 | 1.39 | 1.37 | 1.35 | 1.32 | 1.29 | 1.25 | 1.21 | 1.18 | 1.13 | 1.09 | 1.04 | 0.99 |  |
| -90          | 1.14 | 1.13 | 1.12 | 1.11 | 1.10 | 1.09 | 1.08 | 1.06 | 1.05 | 1.04 | 1.03 | 1.01 | 1.01 | 1.01 | 1.00 | 1.00 | 1.00 | 0.99 |  |
| -80          | 1.49 | 1.45 | 1.41 | 1.36 | 1.31 | 1.25 | 1.19 | 1.13 | 1.07 | 1.01 | 0.94 | 0.90 | 0.89 | 0.89 | 0.90 | 0.91 | 0.95 | 0.99 |  |
| -70          | 3.23 | 3.18 | 3.07 | 2.93 | 2.75 | 2.55 | 2.36 | 2.15 | 1.93 | 1.70 | 1.50 | 1.30 | 1.08 | 0.94 | 0.85 | 0.86 | 0.91 | 0.99 |  |
| -60          | 6.55 | 6.42 | 6.20 | 5.89 | 5.52 | 5.10 | 4.64 | 4.14 | 3.62 | 3.10 | 2.59 | 2.08 | 1.64 | 1.30 | 0.99 | 0.83 | 0.87 | 0.99 |  |
| -50          | 11.6 | 11.3 | 10.8 | 10.1 | 9.28 | 8.45 | 7.56 | 6.65 | 5.75 | 4.86 | 3.98 | 3.15 | 2.38 | 1.74 | 1.26 | 0.90 | 0.85 | 0.99 |  |
| -40          | 22.6 | 21.5 | 19.7 | 17.6 | 15.5 | 13.4 | 11.5 | 9.80 | 8.22 | 6.77 | 5.46 | 4.27 | 3.20 | 2.25 | 1.55 | 1.00 | 0.83 | 0.99 |  |
| -30          | 66.6 | 57.0 | 45.6 | 35.8 | 28.1 | 21.9 | 17.3 | 13.8 | 11.0 | 8.76 | 6.89 | 5.32 | 3.95 | 2.76 | 1.80 | 1.12 | 0.82 | 0.99 |  |
| -20          | 406  | 295  | 188  | 110  | 62.4 | 38.7 | 25.9 | 18.7 | 14.0 | 10.6 | 8.14 | 6.18 | 4.56 | 3.17 | 2.01 | 1.22 | 0.81 | 0.99 |  |
| -10          | 1834 | 1327 | 760  | 354  | 147  | 66.3 | 36.5 | 23.5 | 16.6 | 12.1 | 9.02 | 6.77 | 4.96 | 3.45 | 2.16 | 1.30 | 0.81 | 0.99 |  |
| 0            | 3309 | 2356 | 1317 | 565  | 214  | 85.7 | 42.4 | 25.9 | 17.7 | 12.7 | 9.33 | 6.97 | 5.10 | 3.54 | 2.22 | 1.32 | 0.81 | 0.99 |  |
| 10           | 1676 | 1136 | 609  | 293  | 139  | 72.4 | 43.7 | 29.0 | 20.3 | 14.6 | 10.7 | 7.83 | 5.65 | 3.88 | 2.43 | 1.45 | 0.87 | 0.99 |  |
| 20           | 356  | 263  | 171  | 111  | 74.6 | 54.1 | 38.8 | 27.8 | 20.3 | 14.9 | 11.1 | 8.11 | 5.83 | 4.00 | 2.53 | 1.52 | 0.94 | 0.99 |  |
| 30           | 81.7 | 73.4 | 63.2 | 53.2 | 44.1 | 36.0 | 29.3 | 23.8 | 18.4 | 14.0 | 10.5 | 7.82 | 5.66 | 3.90 | 2.53 | 1.54 | 1.00 | 0.99 |  |
| 40           | 38.3 | 36.5 | 33.7 | 30.5 | 26.8 | 23.5 | 20.4 | 17.5 | 14.8 | 12.0 | 9.28 | 7.02 | 5.15 | 3.60 | 2.45 | 1.53 | 1.05 | 0.99 |  |
| 50           | 21.3 | 20.6 | 19.7 | 18.4 | 17.0 | 15.5 | 13.9 | 12.3 | 10.8 | 9.27 | 7.66 | 5.92 | 4.44 | 3.23 | 2.25 | 1.50 | 1.11 | 0.99 |  |
| 60           | 12.6 | 12.3 | 11.9 | 11.4 | 10.7 | 9.98 | 9.16 | 8.31 | 7.45 | 6.62 | 5.83 | 4.74 | 3.73 | 2.82 | 2.05 | 1.48 | 1.15 | 0.99 |  |
| 70           | 7.10 | 7.00 | 6.83 | 6.61 | 6.33 | 6.02 | 5.68 | 5.33 | 4.97 | 4.61 | 4.27 | 3.78 | 3.06 | 2.43 | 1.90 | 1.50 | 1.20 | 0.99 |  |
| 80           | 4.19 | 4.15 | 4.09 | 4.03 | 3.95 | 3.86 | 3.75 | 3.64 | 3.50 | 3.36 | 3.23 | 3.09 | 2.65 | 2.24 | 1.86 | 1.53 | 1.25 | 0.99 |  |
| 90           | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | 2.72 | 2.72 | 2.72 | 2.73 | 2.44 | 2.15 | 1.86 | 1.57 | 1.28 | 0.99 |  |
| 100          | 2.14 | 2.14 | 2.15 | 2.16 | 2.18 | 2.20 | 2.22 | 2.25 | 2.29 | 2.33 | 2.37 | 2.41 | 2.24 | 2.05 | 1.84 | 1.59 | 1.31 | 0.99 |  |
| 110          | 1.94 | 1.94 | 1.94 | 1.94 | 1.94 | 1.95 | 1.96 | 1.98 | 2.01 | 2.05 | 2.10 | 2.12 | 2.05 | 1.94 | 1.79 | 1.59 | 1.32 | 0.99 |  |
| 120          | 2.28 | 2.25 | 2.20 | 2.14 | 2.08 | 2.02 | 1.98 | 1.95 | 1.93 | 1.93 | 1.96 | 1.94 | 1.90 | 1.84 | 1.74 | 1.58 | 1.33 | 0.99 |  |
| 130          | 3.80 | 3.67 | 3.48 | 3.25 | 2.97 | 2.70 | 2.45 | 2.24 | 2.08 | 1.98 | 1.90 | 1.82 | 1.79 | 1.75 | 1.69 | 1.56 | 1.33 | 0.99 |  |
| 140          | 5.68 | 5.55 | 5.33 | 5.00 | 4.58 | 4.07 | 3.53 | 3.01 | 2.57 | 2.17 | 1.87 | 1.73 | 1.69 | 1.68 | 1.64 | 1.53 | 1.32 | 0.99 |  |
| 150          | 6.59 | 6.52 | 6.39 | 6.18 | 5.85 | 5.39 | 4.76 | 4.03 | 3.02 | 2.25 | 1.80 | 1.62 | 1.58 | 1.60 | 1.59 | 1.51 | 1.31 | 0.99 |  |
| 160          | 6.73 | 6.72 | 6.64 | 6.54 | 6.38 | 6.09 | 5.10 | 3.96 | 2.91 | 2.10 | 1.63 | 1.45 | 1.46 | 1.52 | 1.54 | 1.47 | 1.29 | 0.99 |  |
| 170          | 5.67 | 5.89 | 6.10 | 5.96 | 5.46 | 4.79 | 3.97 | 3.08 | 2.25 | 1.63 | 1.29 | 1.23 | 1.31 | 1.43 | 1.49 | 1.44 | 1.27 | 0.99 |  |
| 180          | 4.19 | 4.25 | 4.20 | 3.98 | 3.56 | 3.00 | 2.35 | 1.71 | 1.20 | 0.90 | 0.84 | 0.97 | 1.17 | 1.35 | 1.44 | 1.39 | 1.24 | 0.99 |  |

**H<sub>(b)</sub> Range:-90 - 90DEG**  
**H<sub>(b)</sub> Interval: 0.5DEG**  
**Test Speed: LOW**  
**Temperature:25.3DEG**  
**Operators:Fan**  
**Test Date:2023-09-21**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.351**  
**Humidity:65.0%**  
**Test Distance:8.630m [K=1.0000]**  
**Remarks:**