

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 4243.6 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 47.6V x 47.3H |
|             | At 50% of Imax | 19.5V x 19.5H |
|             | At 90% of Imax | 6.9V x 6.9H   |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.4 lumens per klm. |
|           | To 10% of Imax | 680.1 lumens per klm.  |
|           | To 50% of Imax | 271.1 lumens per klm.  |
|           | To 90% of Imax | 47.1 lumens per klm.   |

|              |        |
|--------------|--------|
| Upward LOR   | 2.0 %  |
| Downward LOR | 98.0 % |

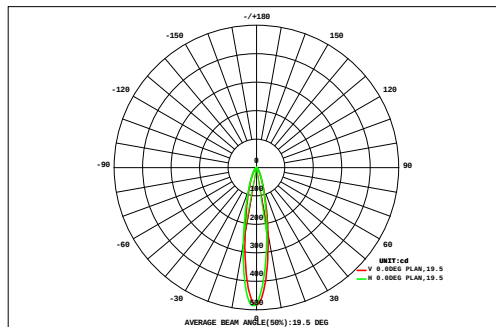
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-10-12

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:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| MFR.:                                       | SUR.:          | Shielding Angle:     |



| DATA OF LAMP     |       | Eff:15.67lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 489.3    |
| NOMINAL POWER(W) | 7.39  | AVAILABILITY(%) | 67.9     |
| RATED VOLTAGE(V) | 220   | Avai. FLUX(lm)  | 78.27    |
| NOMINAL FLUX(lm) | 115.3 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 115.3    |
| TEST VOLTAGE(V)  | 221.4 | q @50%(H,V)     | 19,20DEG |

|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      |      |      | F t  | F a |    |    |    |    |    |
|----------------|------|-------------------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|------|-----|----|----|----|----|----|
|                |      | 0.02              | 0.03 | 0.03 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07             | 0.07 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.03    | 0.02 | 0.02 | 0.85 | 0.00 |     |    |    |    |    |    |
| VERTICAL (DEG) | 45   | 0.03              | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10             | 0.10 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04    | 0.03 | 0.02 | 1.15 | 0.00 |     |    |    |    |    |    |
|                | 40   | 0.03              | 0.04 | 0.06 | 0.07 | 0.09 | 0.11 | 0.13 | 0.14             | 0.15 | 0.15 | 0.14 | 0.12 | 0.10 | 0.08 | 0.06 | 0.05    | 0.04 | 0.03 | 1.58 | 0.00 |     |    |    |    |    |    |
|                | 35   | 0.04              | 0.05 | 0.07 | 0.09 | 0.12 | 0.16 | 0.19 | 0.22             | 0.23 | 0.23 | 0.21 | 0.17 | 0.14 | 0.11 | 0.08 | 0.06    | 0.04 | 0.03 | 2.23 | 0.00 |     |    |    |    |    |    |
|                | 30   | 0.04              | 0.06 | 0.09 | 0.12 | 0.17 | 0.22 | 0.29 | 0.34             | 0.37 | 0.37 | 0.32 | 0.26 | 0.20 | 0.14 | 0.10 | 0.07    | 0.05 | 0.03 | 3.24 | 0.56 |     |    |    |    |    |    |
|                | 25   | 0.05              | 0.07 | 0.11 | 0.15 | 0.22 | 0.32 | 0.44 | 0.57             | 0.64 | 0.63 | 0.53 | 0.40 | 0.28 | 0.19 | 0.12 | 0.08    | 0.05 | 0.04 | 4.87 | 3.16 |     |    |    |    |    |    |
|                | 20   | 0.05              | 0.08 | 0.12 | 0.19 | 0.29 | 0.44 | 0.67 | 0.96             | 1.16 | 1.13 | 0.89 | 0.60 | 0.38 | 0.24 | 0.15 | 0.09    | 0.06 | 0.04 | 7.53 | 6.07 |     |    |    |    |    |    |
|                | 15   | 0.06              | 0.09 | 0.14 | 0.22 | 0.35 | 0.58 | 0.97 | 1.55             | 2.05 | 1.97 | 1.41 | 0.86 | 0.50 | 0.29 | 0.17 | 0.10    | 0.06 | 0.04 | 11.4 | 10.2 |     |    |    |    |    |    |
|                | 10   | 0.06              | 0.10 | 0.16 | 0.25 | 0.41 | 0.70 | 1.25 | 2.17             | 3.10 | 2.93 | 2.02 | 1.18 | 0.63 | 0.34 | 0.19 | 0.11    | 0.07 | 0.04 | 15.7 | 14.5 |     |    |    |    |    |    |
|                | 5    | 0.06              | 0.10 | 0.16 | 0.26 | 0.43 | 0.76 | 1.40 | 2.51             | 3.48 | 3.28 | 2.25 | 1.26 | 0.65 | 0.35 | 0.19 | 0.11    | 0.07 | 0.04 | 17.4 | 16.2 |     |    |    |    |    |    |
|                | 0    | 0.06              | 0.10 | 0.15 | 0.25 | 0.42 | 0.74 | 1.29 | 2.04             | 2.61 | 2.44 | 1.71 | 1.02 | 0.57 | 0.31 | 0.18 | 0.10    | 0.06 | 0.04 | 14.1 | 12.9 |     |    |    |    |    |    |
|                | -5   | 0.06              | 0.09 | 0.14 | 0.23 | 0.37 | 0.59 | 0.91 | 1.29             | 1.53 | 1.44 | 1.08 | 0.71 | 0.43 | 0.26 | 0.15 | 0.09    | 0.06 | 0.04 | 9.46 | 8.17 |     |    |    |    |    |    |
|                | -10  | 0.05              | 0.08 | 0.12 | 0.19 | 0.29 | 0.42 | 0.60 | 0.77             | 0.86 | 0.81 | 0.65 | 0.46 | 0.31 | 0.20 | 0.13 | 0.08    | 0.05 | 0.03 | 6.08 | 4.59 |     |    |    |    |    |    |
|                | -15  | 0.04              | 0.07 | 0.10 | 0.15 | 0.21 | 0.29 | 0.38 | 0.46             | 0.49 | 0.47 | 0.39 | 0.30 | 0.21 | 0.15 | 0.10 | 0.07    | 0.04 | 0.03 | 3.96 | 1.93 |     |    |    |    |    |    |
|                | -20  | 0.04              | 0.05 | 0.08 | 0.11 | 0.15 | 0.20 | 0.25 | 0.28             | 0.30 | 0.28 | 0.24 | 0.19 | 0.15 | 0.11 | 0.08 | 0.05    | 0.04 | 0.03 | 2.63 | 0.00 |     |    |    |    |    |    |
|                | -25  | 0.03              | 0.04 | 0.06 | 0.08 | 0.11 | 0.14 | 0.16 | 0.18             | 0.18 | 0.18 | 0.16 | 0.13 | 0.10 | 0.08 | 0.06 | 0.04    | 0.03 | 0.02 | 1.79 | 0.00 |     |    |    |    |    |    |
|                | -30  | 0.02              | 0.03 | 0.05 | 0.06 | 0.08 | 0.09 | 0.11 | 0.12             | 0.12 | 0.11 | 0.10 | 0.09 | 0.07 | 0.06 | 0.04 | 0.03    | 0.02 | 0.02 | 1.23 | 0.00 |     |    |    |    |    |    |
| -35            | 0.02 | 0.03              | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.08             | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.03 | 0.02    | 0.01 | 0.86 | 0.00 |      |     |    |    |    |    |    |
| -40            | -45  | -40               | -35  | -30  | -25  | -20  | -15  | -10  | HORIZONTAL (DEG) |      |      |      |      |      |      |      |         |      |      | 10   | 15   | 20  | 25 | 30 | 35 | 40 | 45 |
| F t            | 0.77 | 1.15              | 1.72 | 2.56 | 3.88 | 5.96 | 9.25 | 13.8 | 17.5             | 16.6 | 12.3 | 7.94 | 4.89 | 3.04 | 1.93 | 1.25 | 0.82    | 0.54 | 106  | ---  |      |     |    |    |    |    |    |
| F a            | 0.00 | 0.00              | 0.00 | 0.00 | 1.66 | 4.26 | 7.75 | 12.4 | 16.1             | 15.2 | 10.9 | 6.38 | 3.07 | 0.55 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | ---  |      | 78  |    |    |    |    |    |

one-half-peak spread: U:9.5,D:10.2 , L:9.9,R:9.8

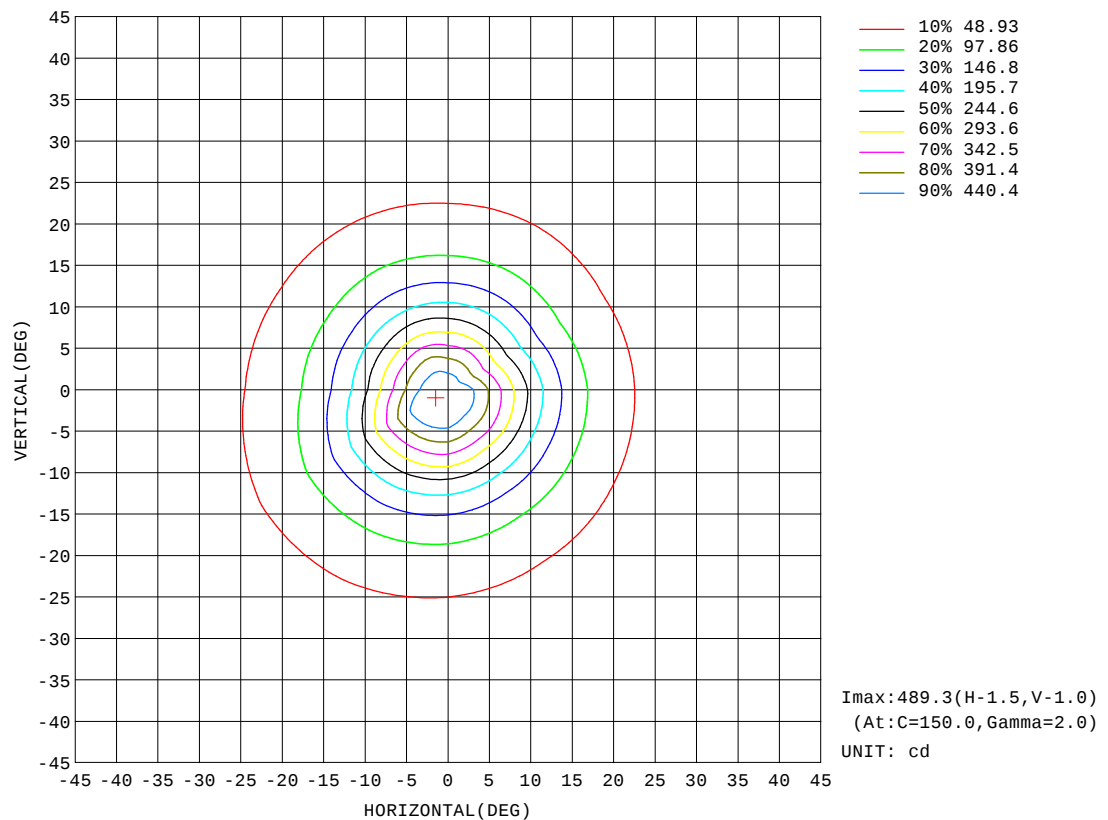
NEMA Beam Type: Type 4

H<sub>(b)</sub> Range: -90 - 90DEG  
 H<sub>(b)</sub> Interval: 0.5DEG  
 Test Speed: LOW  
 Temperature: 25.3DEG  
 Operators: Fan  
 Test Date: 2023-10-12

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:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| MFR.:                                       | SUR.:          | Shielding Angle:     |

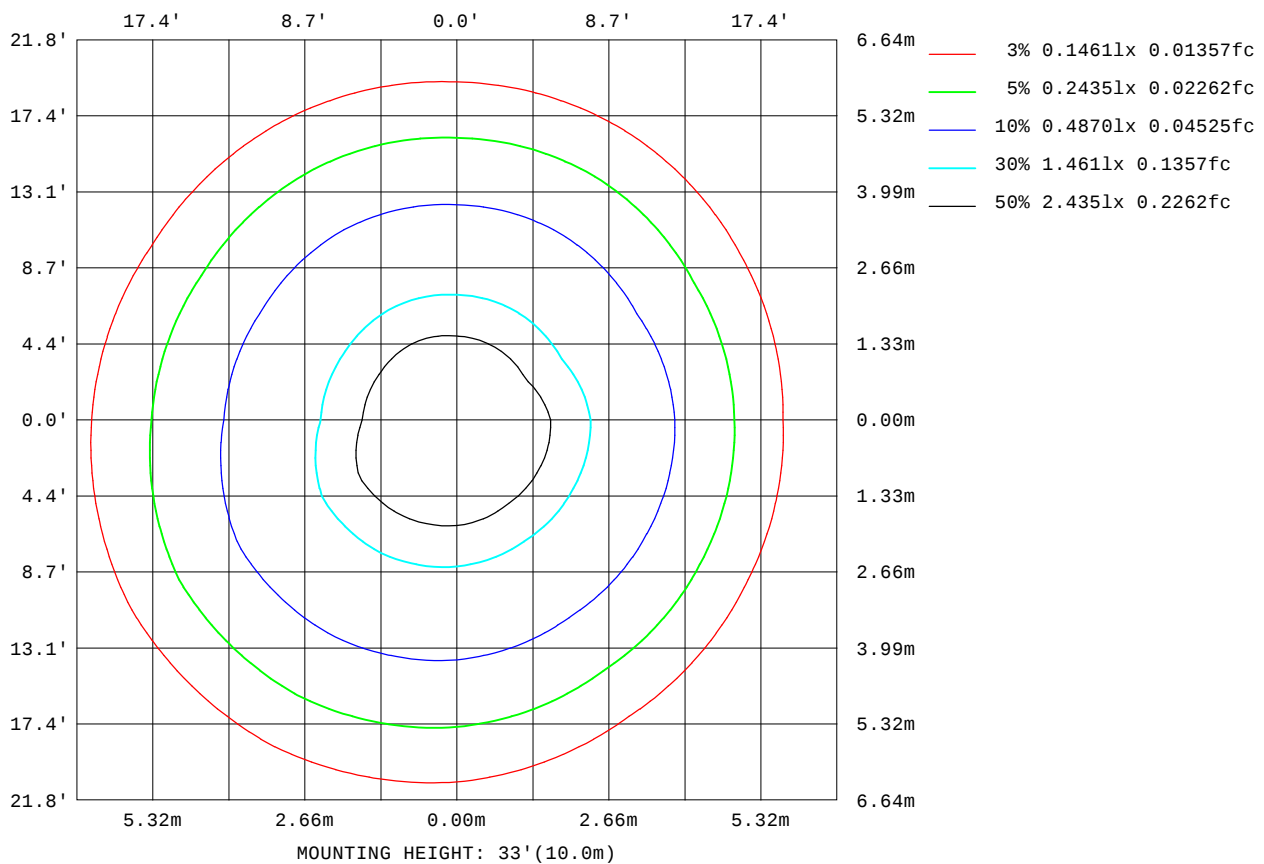


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-10-12

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

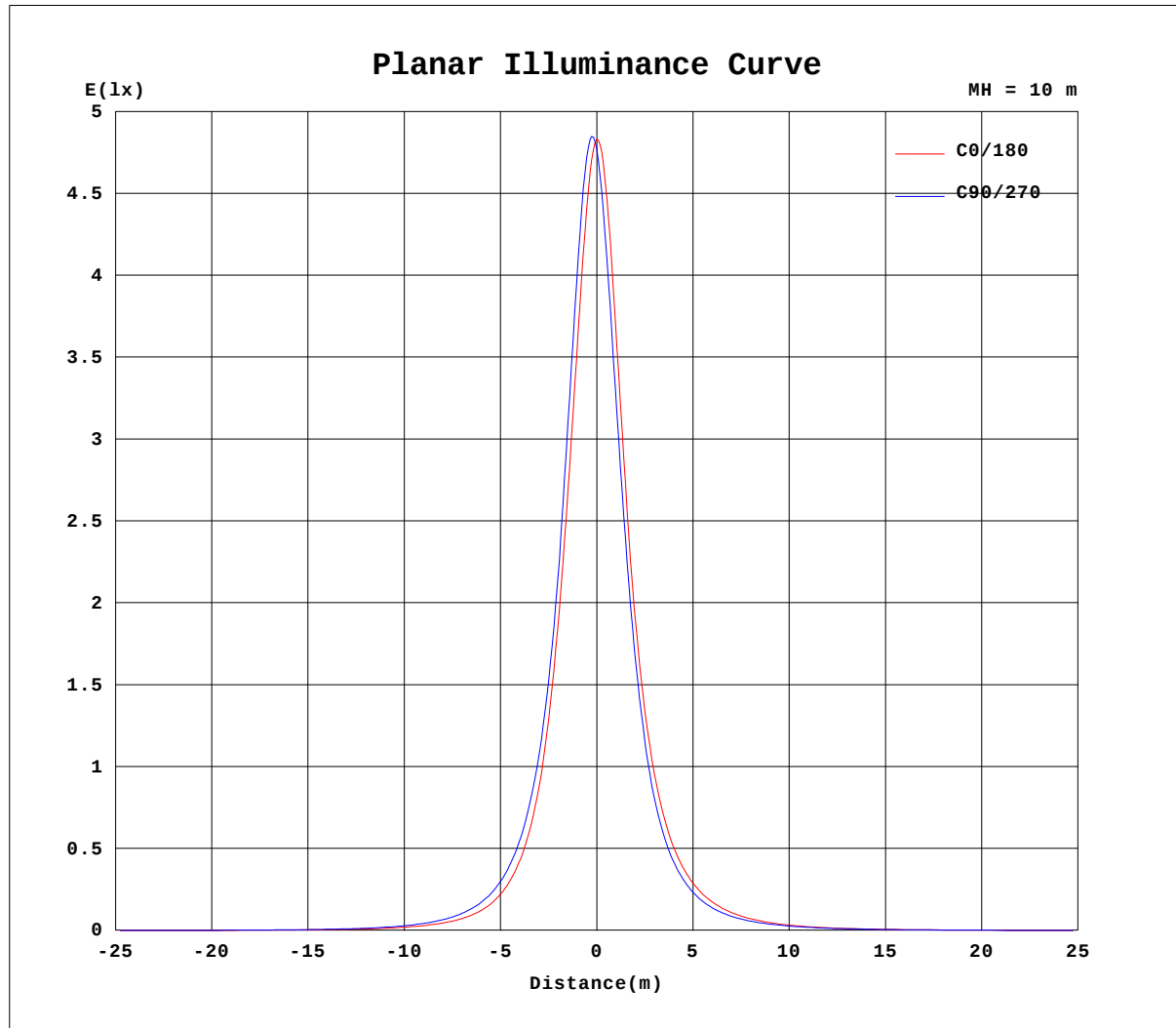
|                                             |                |                      |
|---------------------------------------------|----------------|----------------------|
| NAME:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| 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:** 2023-10-12

**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

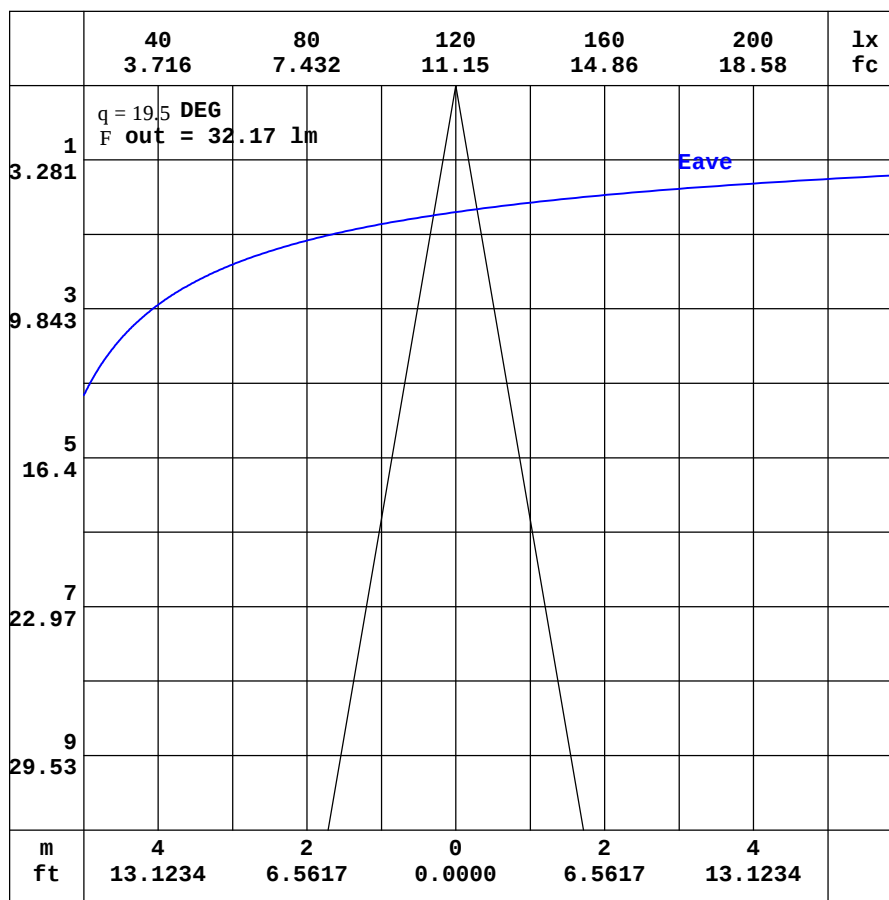


H<sub>b</sub> Range: -90 - 90DEG  
H<sub>b</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-10-12

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:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| 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:2023-10-12

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:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| MFR.:                                       | SUR.:          | Shielding Angle:     |

Table--1

UNIT: cd

| H(°) \ V(°) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180        | 0.38 | 0.34 | 0.32 | 0.32 | 0.33 | 0.36 | 0.40 | 0.46 | 0.55 | 0.66 | 0.77 | 0.83 | 0.87 | 0.91 | 0.93 | 0.97 | 1.01 | 1.02 | 1.04 |
| -170        | 0.38 | 0.33 | 0.31 | 0.30 | 0.30 | 0.32 | 0.33 | 0.36 | 0.42 | 0.48 | 0.54 | 0.58 | 0.60 | 0.63 | 0.66 | 0.71 | 0.81 | 0.91 | 1.02 |
| -160        | 0.38 | 0.32 | 0.30 | 0.28 | 0.27 | 0.27 | 0.27 | 0.27 | 0.28 | 0.29 | 0.30 | 0.30 | 0.31 | 0.40 | 0.49 | 0.58 | 0.67 | 0.78 | 0.85 |
| -150        | 0.38 | 0.32 | 0.28 | 0.26 | 0.24 | 0.23 | 0.21 | 0.19 | 0.17 | 0.14 | 0.11 | 0.15 | 0.19 | 0.24 | 0.30 | 0.36 | 0.44 | 0.50 | 0.54 |
| -140        | 0.38 | 0.31 | 0.27 | 0.24 | 0.22 | 0.19 | 0.16 | 0.13 | 0.09 | 0.08 | 0.08 | 0.08 | 0.09 | 0.11 | 0.13 | 0.18 | 0.23 | 0.26 | 0.29 |
| -130        | 0.38 | 0.31 | 0.27 | 0.23 | 0.20 | 0.16 | 0.13 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.07 | 0.08 | 0.10 | 0.12 | 0.14 |
| -120        | 0.38 | 0.31 | 0.26 | 0.22 | 0.18 | 0.14 | 0.10 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 |
| -110        | 0.38 | 0.31 | 0.26 | 0.22 | 0.17 | 0.13 | 0.09 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 |
| -100        | 0.38 | 0.32 | 0.26 | 0.21 | 0.16 | 0.12 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 |
| -90         | 0.38 | 0.32 | 0.27 | 0.21 | 0.16 | 0.10 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.06 |
| -80         | 0.38 | 0.33 | 0.28 | 0.23 | 0.16 | 0.10 | 0.04 | 0.04 | 0.05 | 0.05 | 0.07 | 0.10 | 0.12 | 0.13 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 |
| -70         | 0.38 | 0.34 | 0.29 | 0.25 | 0.20 | 0.16 | 0.15 | 0.23 | 0.32 | 0.43 | 0.53 | 0.65 | 0.75 | 0.84 | 0.92 | 0.98 | 1.02 | 1.04 | 1.04 |
| -60         | 0.38 | 0.36 | 0.32 | 0.30 | 0.33 | 0.41 | 0.52 | 0.66 | 0.88 | 1.13 | 1.38 | 1.64 | 1.91 | 2.13 | 2.31 | 2.45 | 2.55 | 2.59 | 2.59 |
| -50         | 0.38 | 0.37 | 0.36 | 0.41 | 0.55 | 0.75 | 0.99 | 1.25 | 1.60 | 2.05 | 2.56 | 3.11 | 3.69 | 4.28 | 4.78 | 5.18 | 5.48 | 5.63 | 5.62 |
| -40         | 0.38 | 0.38 | 0.40 | 0.54 | 0.81 | 1.15 | 1.54 | 1.99 | 2.54 | 3.32 | 4.34 | 5.54 | 6.92 | 8.40 | 9.93 | 11.2 | 12.1 | 12.5 | 12.5 |
| -30         | 0.38 | 0.39 | 0.47 | 0.70 | 1.08 | 1.54 | 2.12 | 2.83 | 3.78 | 5.11 | 6.93 | 9.33 | 12.4 | 16.1 | 20.3 | 24.7 | 28.1 | 30.1 | 30.0 |
| -20         | 0.38 | 0.41 | 0.53 | 0.85 | 1.32 | 1.92 | 2.66 | 3.65 | 5.07 | 7.12 | 10.1 | 14.4 | 20.6 | 29.3 | 41.0 | 55.7 | 71.3 | 82.1 | 83.9 |
| -10         | 0.38 | 0.42 | 0.58 | 0.96 | 1.50 | 2.19 | 3.10 | 4.32 | 6.09 | 8.71 | 12.7 | 18.8 | 28.4 | 44.3 | 71.9 | 118  | 182  | 249  | 271  |
| 0           | 0.38 | 0.44 | 0.61 | 1.03 | 1.61 | 2.37 | 3.36 | 4.67 | 6.54 | 9.34 | 13.6 | 20.1 | 30.0 | 46.8 | 76.4 | 132  | 236  | 395  | 483  |
| 10          | 0.38 | 0.44 | 0.61 | 1.00 | 1.57 | 2.28 | 3.20 | 4.40 | 6.09 | 8.55 | 12.1 | 17.3 | 25.1 | 36.9 | 55.8 | 86.5 | 135  | 186  | 207  |
| 20          | 0.38 | 0.43 | 0.58 | 0.93 | 1.45 | 2.09 | 2.86 | 3.85 | 5.16 | 6.98 | 9.45 | 12.7 | 17.1 | 23.3 | 31.3 | 41.5 | 52.8 | 61.2 | 63.3 |
| 30          | 0.38 | 0.43 | 0.56 | 0.82 | 1.26 | 1.79 | 2.42 | 3.17 | 4.08 | 5.23 | 6.72 | 8.65 | 10.9 | 13.5 | 16.5 | 19.4 | 22.1 | 23.8 | 24.0 |
| 40          | 0.38 | 0.42 | 0.51 | 0.70 | 1.04 | 1.45 | 1.92 | 2.45 | 3.05 | 3.75 | 4.61 | 5.58 | 6.67 | 7.79 | 8.88 | 9.77 | 10.5 | 11.0 | 11.0 |
| 50          | 0.38 | 0.42 | 0.48 | 0.60 | 0.80 | 1.10 | 1.43 | 1.78 | 2.17 | 2.59 | 3.05 | 3.56 | 4.04 | 4.56 | 4.97 | 5.30 | 5.56 | 5.69 | 5.68 |
| 60          | 0.38 | 0.41 | 0.45 | 0.51 | 0.62 | 0.77 | 0.97 | 1.19 | 1.41 | 1.65 | 1.90 | 2.15 | 2.38 | 2.61 | 2.81 | 2.95 | 3.05 | 3.11 | 3.12 |
| 70          | 0.38 | 0.40 | 0.43 | 0.46 | 0.50 | 0.56 | 0.63 | 0.71 | 0.81 | 0.92 | 1.03 | 1.13 | 1.22 | 1.32 | 1.41 | 1.49 | 1.54 | 1.57 | 1.58 |
| 80          | 0.38 | 0.39 | 0.41 | 0.43 | 0.44 | 0.46 | 0.48 | 0.48 | 0.49 | 0.50 | 0.51 | 0.53 | 0.56 | 0.57 | 0.60 | 0.62 | 0.64 | 0.65 | 0.66 |
| 90          | 0.38 | 0.39 | 0.39 | 0.40 | 0.41 | 0.41 | 0.42 | 0.41 | 0.40 | 0.39 | 0.38 | 0.37 | 0.36 | 0.36 | 0.37 | 0.37 | 0.38 | 0.38 | 0.39 |
| 100         | 0.38 | 0.38 | 0.38 | 0.37 | 0.37 | 0.37 | 0.38 | 0.36 | 0.34 | 0.32 | 0.31 | 0.30 | 0.29 | 0.29 | 0.29 | 0.29 | 0.30 | 0.30 | 0.30 |
| 110         | 0.38 | 0.37 | 0.36 | 0.36 | 0.35 | 0.34 | 0.33 | 0.31 | 0.30 | 0.29 | 0.29 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| 120         | 0.38 | 0.36 | 0.35 | 0.34 | 0.33 | 0.32 | 0.30 | 0.30 | 0.29 | 0.29 | 0.30 | 0.30 | 0.31 | 0.32 | 0.32 | 0.33 | 0.33 | 0.33 | 0.32 |
| 130         | 0.38 | 0.35 | 0.34 | 0.33 | 0.32 | 0.31 | 0.30 | 0.30 | 0.29 | 0.30 | 0.33 | 0.37 | 0.39 | 0.44 | 0.48 | 0.51 | 0.54 | 0.55 | 0.56 |
| 140         | 0.38 | 0.35 | 0.33 | 0.32 | 0.31 | 0.31 | 0.31 | 0.31 | 0.32 | 0.36 | 0.42 | 0.49 | 0.57 | 0.65 | 0.71 | 0.76 | 0.79 | 0.80 | 0.81 |
| 150         | 0.38 | 0.34 | 0.33 | 0.32 | 0.32 | 0.32 | 0.33 | 0.35 | 0.39 | 0.45 | 0.53 | 0.64 | 0.73 | 0.81 | 0.88 | 0.92 | 0.94 | 0.95 | 0.95 |
| 160         | 0.38 | 0.34 | 0.33 | 0.32 | 0.32 | 0.33 | 0.35 | 0.39 | 0.46 | 0.55 | 0.65 | 0.74 | 0.80 | 0.87 | 0.93 | 1.01 | 1.06 | 1.08 | 1.12 |
| 170         | 0.38 | 0.34 | 0.32 | 0.32 | 0.32 | 0.35 | 0.38 | 0.43 | 0.52 | 0.63 | 0.73 | 0.81 | 0.86 | 0.90 | 0.92 | 0.97 | 1.03 | 1.07 | 1.14 |
| 180         | 0.38 | 0.34 | 0.32 | 0.32 | 0.33 | 0.36 | 0.40 | 0.46 | 0.55 | 0.66 | 0.77 | 0.83 | 0.87 | 0.91 | 0.93 | 0.97 | 1.01 | 1.02 | 1.07 |

H<sub>(b)</sub> Range: -90 - 90DEGH<sub>(b)</sub> Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-12

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:Blazeline Max-598mm-RGBW BLUE-20D-Rev1 | TYPE:RGBW-BLUE | WEIGHT:              |
| SPEC.:20 DEG                                | DIM.:598MM     | SERIAL No.:IES001867 |
| MFR.:                                       | SUR.:          | Shielding Angle:     |

Table--2

UNIT: cd

| H(DEC)<br>V(DEC) | 5    | 10    | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |      |
|------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180             | 1.00 | 0.97  | 0.88 | 0.76 | 0.63 | 0.51 | 0.40 | 0.29 | 0.21 | 0.09 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 |      |
| -170             | 1.00 | 0.98  | 0.91 | 0.78 | 0.64 | 0.51 | 0.39 | 0.29 | 0.20 | 0.10 | 0.08 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 |      |
| -160             | 0.83 | 0.77  | 0.71 | 0.62 | 0.53 | 0.43 | 0.33 | 0.25 | 0.17 | 0.11 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -150             | 0.53 | 0.50  | 0.46 | 0.40 | 0.34 | 0.28 | 0.23 | 0.19 | 0.15 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -140             | 0.28 | 0.26  | 0.23 | 0.19 | 0.16 | 0.15 | 0.13 | 0.12 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -130             | 0.13 | 0.11  | 0.09 | 0.07 | 0.06 | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.09 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -120             | 0.08 | 0.08  | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -110             | 0.08 | 0.07  | 0.07 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.09 | 0.09 | 0.10 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 |      |
| -100             | 0.08 | 0.07  | 0.07 | 0.06 | 0.06 | 0.05 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 |      |
| -90              | 0.06 | 0.05  | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 |      |
| -80              | 0.15 | 0.15  | 0.14 | 0.14 | 0.13 | 0.13 | 0.11 | 0.09 | 0.08 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.05 | 0.05 |      |
| -70              | 1.02 | 0.97  | 0.92 | 0.85 | 0.76 | 0.67 | 0.58 | 0.48 | 0.39 | 0.31 | 0.21 | 0.14 | 0.10 | 0.08 | 0.06 | 0.06 | 0.06 | 0.05 |      |
| -60              | 2.51 | 2.39  | 2.23 | 2.04 | 1.83 | 1.62 | 1.40 | 1.17 | 0.96 | 0.76 | 0.57 | 0.41 | 0.29 | 0.17 | 0.10 | 0.07 | 0.05 | 0.05 |      |
| -50              | 5.36 | 4.97  | 4.50 | 3.98 | 3.46 | 2.97 | 2.49 | 2.06 | 1.66 | 1.31 | 1.01 | 0.75 | 0.53 | 0.33 | 0.17 | 0.08 | 0.06 | 0.05 |      |
| -40              | 11.7 | 10.5  | 9.11 | 7.66 | 6.33 | 5.15 | 4.12 | 3.24 | 2.52 | 1.95 | 1.50 | 1.11 | 0.78 | 0.50 | 0.26 | 0.12 | 0.06 | 0.05 |      |
| -30              | 27.5 | 23.4  | 18.9 | 14.9 | 11.5 | 8.67 | 6.51 | 4.81 | 3.57 | 2.67 | 1.99 | 1.46 | 1.02 | 0.66 | 0.37 | 0.15 | 0.06 | 0.05 |      |
| -20              | 73.7 | 57.3  | 42.0 | 29.4 | 20.0 | 13.6 | 9.47 | 6.66 | 4.70 | 3.36 | 2.43 | 1.75 | 1.22 | 0.79 | 0.44 | 0.18 | 0.07 | 0.05 |      |
| -10              | 218  | 146   | 88.4 | 52.4 | 31.4 | 19.3 | 12.4 | 8.19 | 5.55 | 3.85 | 2.74 | 1.95 | 1.35 | 0.88 | 0.50 | 0.20 | 0.07 | 0.05 |      |
| 0                | 387  | 234   | 125  | 66.3 | 36.9 | 21.6 | 13.4 | 8.67 | 5.79 | 3.98 | 2.82 | 2.02 | 1.39 | 0.92 | 0.52 | 0.21 | 0.08 | 0.05 |      |
| 10               | 177  | 122   | 75.1 | 47.0 | 29.8 | 19.1 | 12.5 | 8.49 | 5.81 | 4.08 | 2.93 | 2.09 | 1.46 | 0.96 | 0.54 | 0.23 | 0.09 | 0.05 |      |
| 20               | 58.8 | 49.2  | 37.2 | 26.9 | 19.4 | 14.0 | 10.1 | 7.23 | 5.21 | 3.80 | 2.79 | 2.02 | 1.42 | 0.93 | 0.54 | 0.23 | 0.09 | 0.05 |      |
| 30               | 23.0 | 20.7  | 17.6 | 14.6 | 11.6 | 9.22 | 7.22 | 5.62 | 4.30 | 3.29 | 2.48 | 1.83 | 1.30 | 0.86 | 0.50 | 0.23 | 0.10 | 0.05 |      |
| 40               | 10.7 | 10.00 | 9.05 | 8.04 | 6.93 | 5.85 | 4.87 | 4.04 | 3.31 | 2.67 | 2.06 | 1.55 | 1.11 | 0.74 | 0.42 | 0.21 | 0.10 | 0.05 |      |
| 50               | 5.57 | 5.34  | 4.99 | 4.61 | 4.16 | 3.69 | 3.24 | 2.78 | 2.36 | 1.97 | 1.60 | 1.22 | 0.88 | 0.59 | 0.35 | 0.19 | 0.11 | 0.05 |      |
| 60               | 3.07 | 2.97  | 2.84 | 2.67 | 2.47 | 2.24 | 2.01 | 1.77 | 1.55 | 1.33 | 1.13 | 0.88 | 0.65 | 0.45 | 0.30 | 0.19 | 0.11 | 0.05 |      |
| 70               | 1.56 | 1.52  | 1.46 | 1.38 | 1.28 | 1.18 | 1.09 | 1.00 | 0.89 | 0.79 | 0.70 | 0.60 | 0.47 | 0.35 | 0.26 | 0.17 | 0.11 | 0.05 |      |
| 80               | 0.65 | 0.63  | 0.61 | 0.59 | 0.56 | 0.53 | 0.52 | 0.50 | 0.49 | 0.47 | 0.46 | 0.45 | 0.38 | 0.30 | 0.24 | 0.17 | 0.11 | 0.05 |      |
| 90               | 0.38 | 0.37  | 0.37 | 0.36 | 0.35 | 0.35 | 0.35 | 0.36 | 0.37 | 0.38 | 0.38 | 0.39 | 0.33 | 0.28 | 0.22 | 0.16 | 0.11 | 0.05 |      |
| 100              | 0.30 | 0.30  | 0.29 | 0.29 | 0.29 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | 0.33 | 0.34 | 0.30 | 0.25 | 0.21 | 0.16 | 0.10 | 0.05 |      |
| 110              | 0.28 | 0.29  | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.30 | 0.30 | 0.30 | 0.27 | 0.23 | 0.19 | 0.15 | 0.10 | 0.05 |
| 120              | 0.33 | 0.35  | 0.34 | 0.34 | 0.33 | 0.32 | 0.31 | 0.30 | 0.30 | 0.29 | 0.29 | 0.27 | 0.23 | 0.21 | 0.17 | 0.14 | 0.10 | 0.05 |      |
| 130              | 0.57 | 0.56  | 0.54 | 0.52 | 0.49 | 0.44 | 0.40 | 0.36 | 0.32 | 0.30 | 0.28 | 0.24 | 0.21 | 0.18 | 0.15 | 0.13 | 0.09 | 0.05 |      |
| 140              | 0.82 | 0.81  | 0.80 | 0.77 | 0.71 | 0.64 | 0.56 | 0.49 | 0.42 | 0.33 | 0.26 | 0.22 | 0.19 | 0.16 | 0.14 | 0.11 | 0.08 | 0.05 |      |
| 150              | 0.97 | 0.98  | 0.97 | 0.92 | 0.87 | 0.79 | 0.72 | 0.62 | 0.47 | 0.34 | 0.25 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.07 | 0.05 |      |
| 160              | 1.11 | 1.11  | 1.06 | 1.00 | 0.94 | 0.88 | 0.73 | 0.59 | 0.44 | 0.30 | 0.22 | 0.17 | 0.13 | 0.11 | 0.10 | 0.08 | 0.07 | 0.05 |      |
| 170              | 1.08 | 1.07  | 1.03 | 0.96 | 0.86 | 0.72 | 0.60 | 0.47 | 0.35 | 0.21 | 0.15 | 0.12 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 |      |
| 180              | 1.00 | 0.97  | 0.88 | 0.76 | 0.63 | 0.51 | 0.40 | 0.29 | 0.21 | 0.09 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.05 | 0.05 |      |

H(b) Range:-90 - 90DEG

H(b) Interval: 0.5DEG

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-12

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.630m [K=1.0000]

Remarks: