

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

|                                                         |                                                                      |
|---------------------------------------------------------|----------------------------------------------------------------------|
| Maximum Intensity<br>(Luminaire orientation as tested.) | 1474.5 cd per klm.<br>0.0 degrees vertical<br>0.0 degrees horizontal |
|---------------------------------------------------------|----------------------------------------------------------------------|

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 71.1V x 73.1H |
|             | At 50% of Imax | 48.6V x 49.5H |
|             | At 90% of Imax | 19.0V x 19.7H |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.0 lumens per klm. |
|           | To 10% of Imax | 912.9 lumens per klm.  |
|           | To 50% of Imax | 623.7 lumens per klm.  |
|           | To 90% of Imax | 124.9 lumens per klm.  |

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

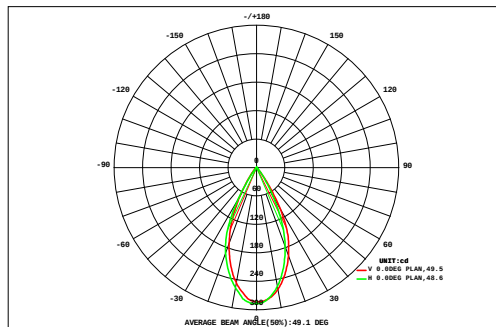
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

**H<sub>(b)</sub> Range:** -90 - 90DEG  
**H<sub>(b)</sub> Interval:** 0.5DEG  
**Test Speed:** LOW  
**Temperature:** 25.3DEG  
**Operators:** Fan  
**Test Date:** 2023-03-13

**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:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| MFR.:                                             | SUR.:           | Shielding Angle:       |



| DATA OF LAMP     |       | Eff:28.90lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 287.2    |
| NOMINAL POWER(W) | 6.84  | AVAILABILITY(%) | 91.3     |
| RATED VOLTAGE(V) | 24    | Avai. FLUX(lm)  | 177.8    |
| NOMINAL FLUX(lm) | 194.8 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 194.8    |
| TEST VOLTAGE(V)  | 24    | q @50%(H,V)     | 50,49DEG |

|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |                  |      |      |      |      |      |      | UNIT:lm |      |      |      | F t  | F a  |
|----------------|------|-------------------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|---------|------|------|------|------|------|
| VERTICAL (DEG) | 72   | 0.01              | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02             | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01    | 0.01 | 0.01 | 0.00 | 0.30 | 0.00 |
|                | 64   | 0.01              | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04             | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02    | 0.01 | 0.01 | 0.00 | 0.41 | 0.00 |
|                | 56   | 0.01              | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05             | 0.06 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02    | 0.02 | 0.01 | 0.00 | 0.57 | 0.00 |
|                | 48   | 0.01              | 0.01 | 0.02 | 0.03 | 0.04 | 0.07 | 0.12 | 0.16             | 0.16 | 0.17 | 0.16 | 0.13 | 0.07 | 0.04 | 0.03    | 0.02 | 0.01 | 0.00 | 1.26 | 0.00 |
|                | 40   | 0.01              | 0.01 | 0.02 | 0.04 | 0.09 | 0.20 | 0.38 | 0.55             | 0.61 | 0.63 | 0.59 | 0.40 | 0.20 | 0.08 | 0.04    | 0.02 | 0.01 | 0.00 | 3.87 | 1.74 |
|                | 32   | 0.01              | 0.02 | 0.03 | 0.06 | 0.19 | 0.48 | 0.98 | 1.51             | 1.78 | 1.83 | 1.64 | 1.10 | 0.51 | 0.17 | 0.05    | 0.02 | 0.01 | 0.00 | 10.4 | 9.41 |
|                | 24   | 0.01              | 0.02 | 0.03 | 0.09 | 0.33 | 0.95 | 1.86 | 2.75             | 3.31 | 3.37 | 2.93 | 2.11 | 1.08 | 0.32 | 0.07    | 0.02 | 0.01 | 0.00 | 19.3 | 18.5 |
|                |      | 0.01              | 0.02 | 0.04 | 0.12 | 0.46 | 1.36 | 2.61 | 3.77             | 4.52 | 4.57 | 3.97 | 2.96 | 1.67 | 0.50 | 0.09    | 0.02 | 0.01 | 0.00 | 26.7 | 26.0 |
|                |      | 0.01              | 0.02 | 0.04 | 0.13 | 0.51 | 1.58 | 3.04 | 4.37             | 5.24 | 5.31 | 4.62 | 3.48 | 2.04 | 0.61 | 0.09    | 0.01 | 0.00 | 0.00 | 31.1 | 30.5 |
|                |      | 0.01              | 0.02 | 0.03 | 0.13 | 0.53 | 1.63 | 3.10 | 4.43             | 5.30 | 5.33 | 4.64 | 3.53 | 2.11 | 0.64 | 0.09    | 0.01 | 0.00 | 0.00 | 31.5 | 31.0 |
|                |      | 0.01              | 0.01 | 0.03 | 0.12 | 0.50 | 1.50 | 2.80 | 3.96             | 4.67 | 4.71 | 4.13 | 3.15 | 1.87 | 0.57 | 0.08    | 0.01 | 0.00 | 0.00 | 28.1 | 27.6 |
|                | -24  | 0.01              | 0.01 | 0.02 | 0.08 | 0.36 | 1.09 | 2.09 | 3.02             | 3.60 | 3.67 | 3.25 | 2.41 | 1.31 | 0.37 | 0.05    | 0.00 | 0.00 | 0.00 | 21.3 | 20.7 |
|                | -32  | 0.01              | 0.01 | 0.01 | 0.04 | 0.17 | 0.50 | 1.08 | 1.70             | 2.05 | 2.12 | 1.88 | 1.24 | 0.55 | 0.15 | 0.02    | 0.00 | 0.00 | 0.00 | 11.5 | 10.7 |
|                | -40  | 0.00              | 0.01 | 0.00 | 0.01 | 0.05 | 0.15 | 0.32 | 0.50             | 0.56 | 0.58 | 0.53 | 0.34 | 0.14 | 0.04 | 0.01    | 0.00 | 0.00 | 0.00 | 3.24 | 1.55 |
|                | -48  | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.06 | 0.08             | 0.09 | 0.09 | 0.08 | 0.06 | 0.02 | 0.01 | 0.00    | 0.00 | 0.00 | 0.00 | 0.54 | 0.00 |
|                | -56  | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01             | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| -64            | 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 |      |
| -72            | 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 |      |
|                | -72  | -64               | -56  | -48  | -40  | -32  | -24  | -16  | HORIZONTAL (DEG) |      |      |      | 16   | 24   | 32   | 40      | 48   | 56   | 64   | 72   |      |
| F t            | 0.12 | 0.20              | 0.32 | 0.91 | 3.31 | 9.63 | 18.5 | 26.9 | 32.0             | 32.5 | 28.5 | 21.0 | 11.7 | 3.57 | 0.70 | 0.17    | 0.08 | 0.04 | 190  | ---  |      |
| F a            | 0.00 | 0.00              | 0.00 | 0.00 | 1.59 | 8.67 | 17.7 | 26.1 | 31.2             | 31.7 | 27.8 | 20.2 | 10.8 | 2.07 | 0.00 | 0.00    | 0.00 | 0.00 | ---  | 178  |      |

one-half-peak spread: U:24.9,D:24.0 , L:24.2,R:25.6

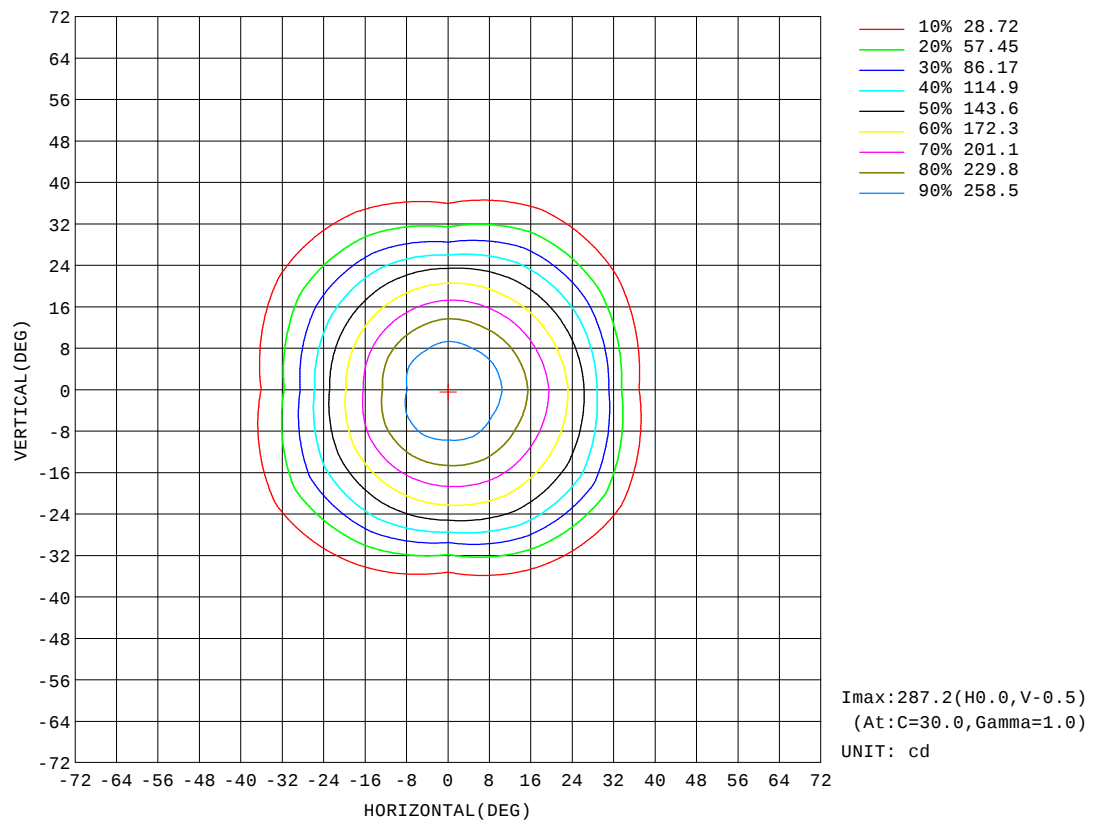
NEMA Beam Type: Type 5

H<sub>(b)</sub> Range: -90 - 90DEG  
 H<sub>(b)</sub> Interval: 0.5DEG  
 Test Speed: LOW  
 Temperature: 25.3DEG  
 Operators: Fan  
 Test Date: 2023-03-13

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:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| MFR.:                                             | SUR.:           | Shielding Angle:       |

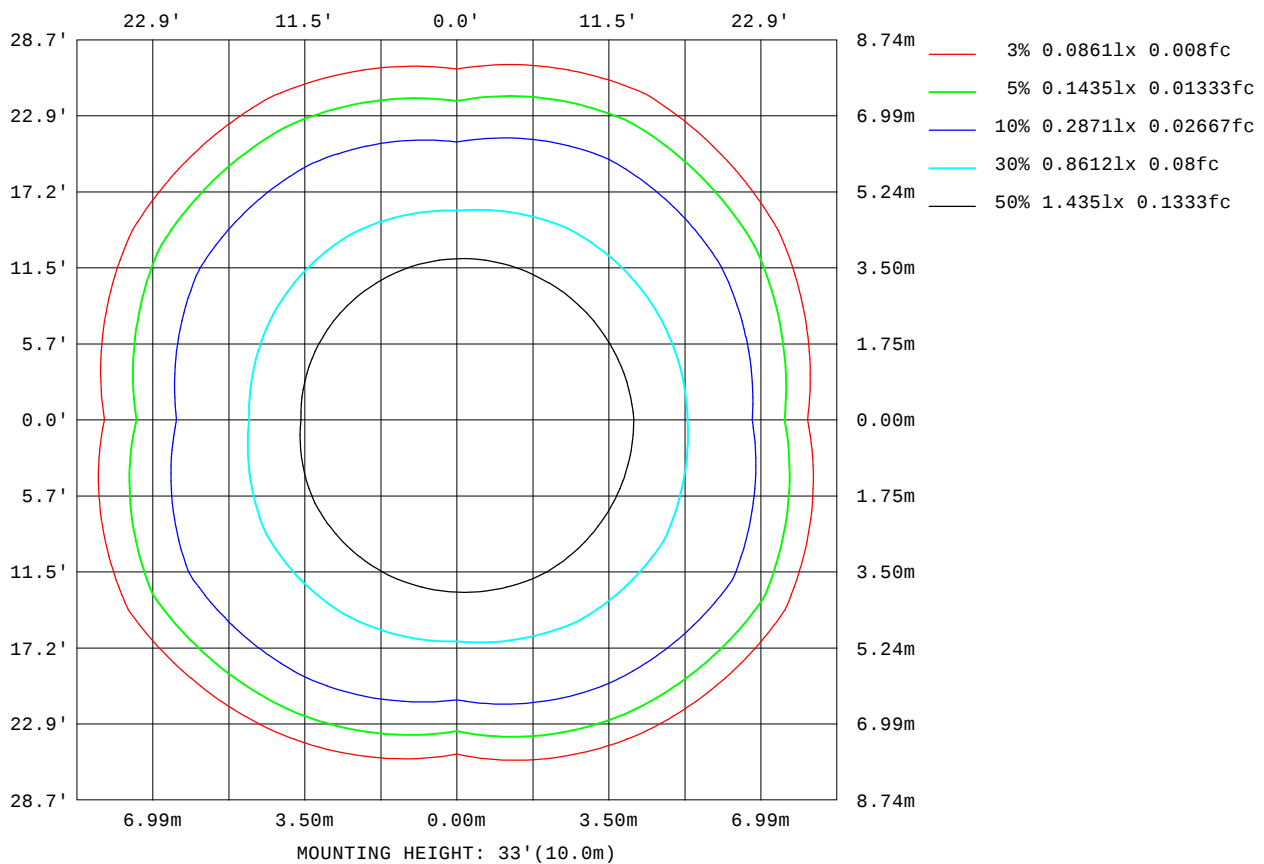


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-03-13

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

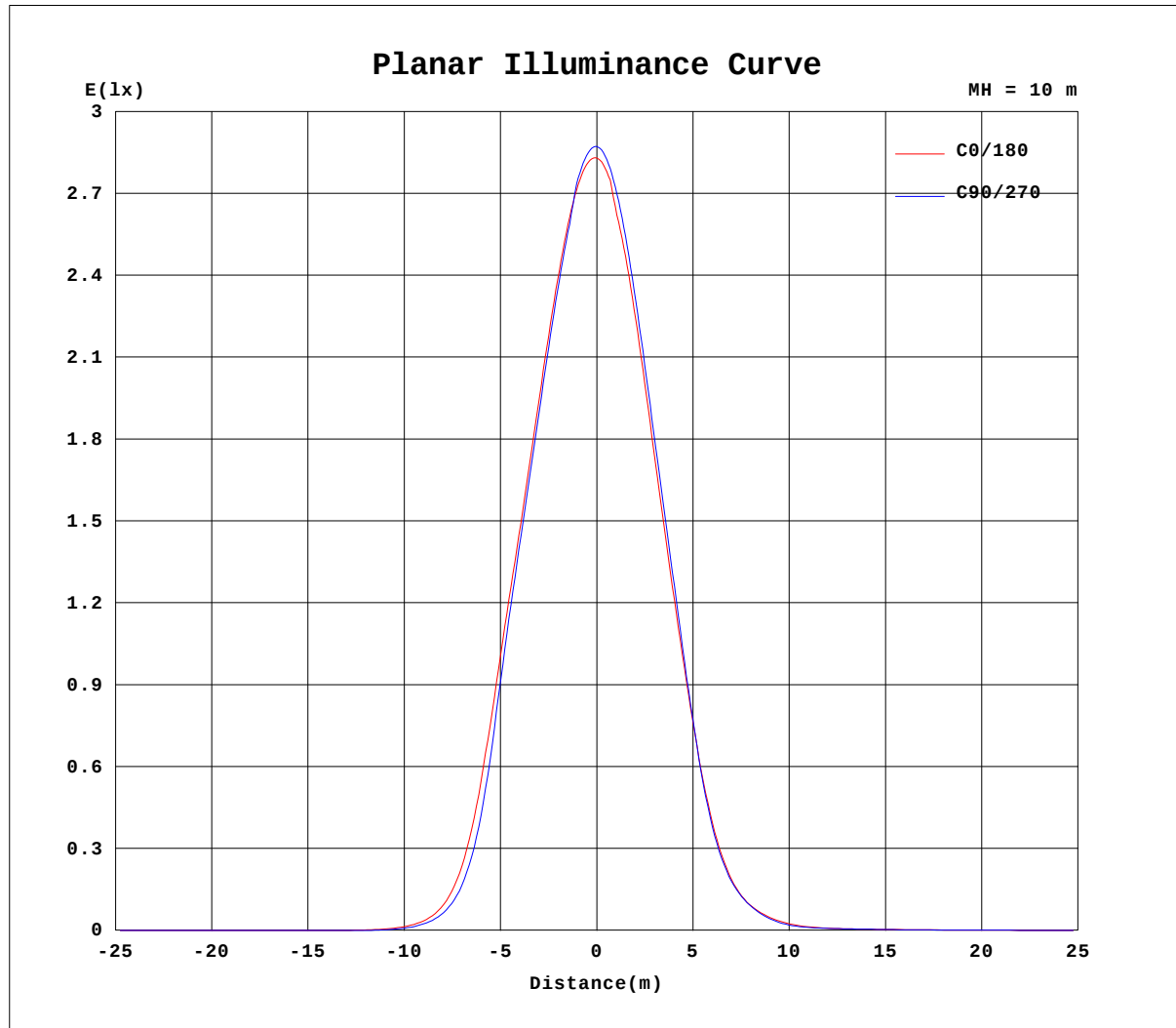
|                                                   |                 |                        |
|---------------------------------------------------|-----------------|------------------------|
| NAME:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| 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: 2023-03-13

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

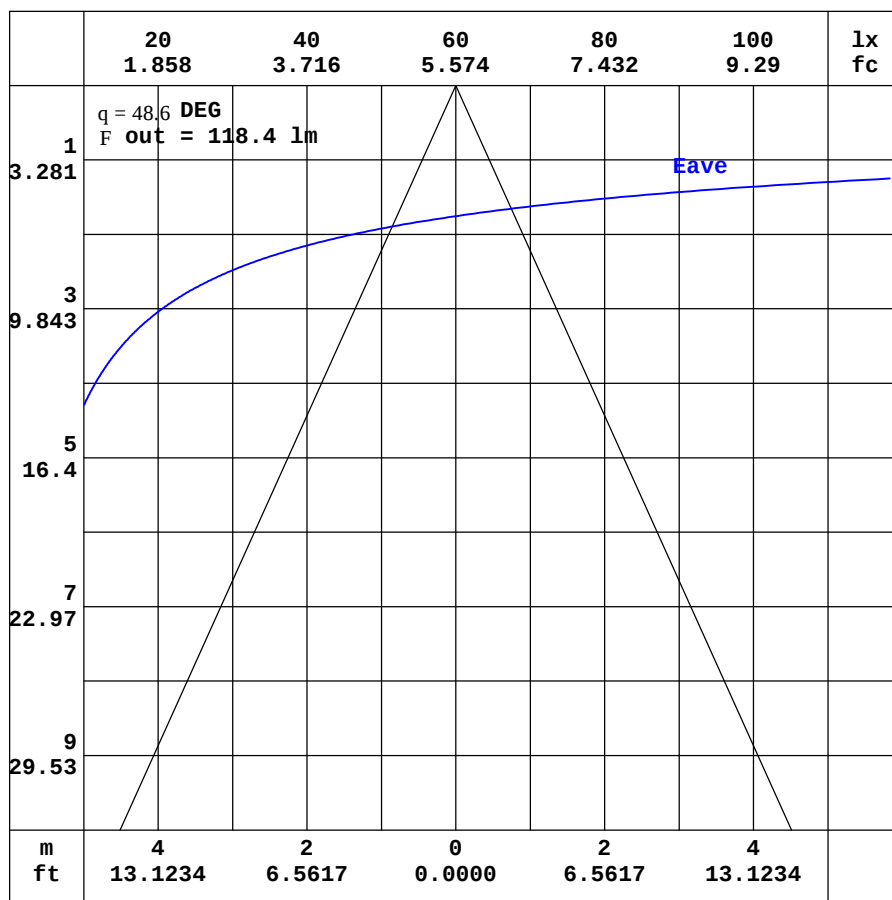


H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-03-13

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:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| 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:2023-03-13

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:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| 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      | 0.57 | 0.51 | 0.51 | 0.52 | 0.57 | 0.65 | 0.76 | 0.89 | 1.04 | 1.18 | 1.32 | 1.44 | 1.55 | 1.57 | 1.57 | 1.54 | 1.50 | 1.47 | 1.50 |
| -170      | 0.57 | 0.50 | 0.49 | 0.49 | 0.52 | 0.57 | 0.65 | 0.72 | 0.81 | 0.90 | 0.97 | 1.02 | 1.07 | 1.07 | 1.04 | 1.04 | 1.12 | 1.18 | 1.24 |
| -160      | 0.57 | 0.49 | 0.47 | 0.46 | 0.47 | 0.49 | 0.52 | 0.55 | 0.58 | 0.60 | 0.61 | 0.60 | 0.59 | 0.69 | 0.79 | 0.86 | 0.93 | 0.98 | 1.02 |
| -150      | 0.57 | 0.48 | 0.45 | 0.43 | 0.42 | 0.41 | 0.41 | 0.40 | 0.38 | 0.34 | 0.31 | 0.37 | 0.43 | 0.50 | 0.57 | 0.64 | 0.70 | 0.74 | 0.77 |
| -140      | 0.57 | 0.48 | 0.44 | 0.41 | 0.38 | 0.35 | 0.32 | 0.29 | 0.24 | 0.22 | 0.24 | 0.26 | 0.29 | 0.32 | 0.36 | 0.41 | 0.44 | 0.47 | 0.49 |
| -130      | 0.57 | 0.48 | 0.42 | 0.39 | 0.35 | 0.31 | 0.26 | 0.21 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.20 | 0.22 | 0.24 | 0.25 | 0.27 | 0.28 |
| -120      | 0.57 | 0.49 | 0.42 | 0.37 | 0.32 | 0.28 | 0.23 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.18 | 0.18 | 0.19 | 0.20 | 0.20 |
| -110      | 0.57 | 0.49 | 0.42 | 0.36 | 0.31 | 0.26 | 0.21 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 |
| -100      | 0.57 | 0.50 | 0.43 | 0.37 | 0.30 | 0.25 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.18 |
| -90       | 0.57 | 0.51 | 0.44 | 0.37 | 0.31 | 0.24 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.13 | 0.13 | 0.13 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 |
| -80       | 0.57 | 0.51 | 0.45 | 0.40 | 0.33 | 0.25 | 0.16 | 0.14 | 0.12 | 0.11 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 |
| -70       | 0.57 | 0.52 | 0.50 | 0.44 | 0.35 | 0.26 | 0.15 | 0.10 | 0.09 | 0.08 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| -60       | 0.57 | 0.56 | 0.54 | 0.48 | 0.40 | 0.31 | 0.20 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.06 | 0.06 | 0.05 | 0.06 | 0.06 | 0.06 |
| -50       | 0.57 | 0.58 | 0.57 | 0.54 | 0.49 | 0.41 | 0.30 | 0.15 | 0.07 | 0.07 | 0.08 | 0.10 | 0.15 | 0.22 | 0.35 | 0.50 | 0.55 | 0.49 | 0.31 |
| -40       | 0.57 | 0.61 | 0.61 | 0.61 | 0.60 | 0.56 | 0.49 | 0.37 | 0.18 | 0.14 | 0.51 | 1.48 | 3.03 | 4.90 | 7.07 | 9.30 | 10.8 | 11.0 | 9.69 |
| -30       | 0.57 | 0.63 | 0.67 | 0.70 | 0.74 | 0.77 | 0.77 | 0.74 | 0.74 | 1.51 | 4.27 | 8.82 | 16.7 | 28.8 | 44.2 | 61.2 | 73.7 | 80.7 | 80.1 |
| -20       | 0.57 | 0.66 | 0.72 | 0.80 | 0.90 | 1.01 | 1.15 | 1.29 | 1.85 | 4.29 | 10.5 | 25.1 | 51.4 | 82.3 | 115  | 145  | 169  | 185  | 191  |
| -10       | 0.57 | 0.68 | 0.77 | 0.90 | 1.07 | 1.28 | 1.57 | 1.93 | 2.92 | 6.56 | 16.2 | 36.8 | 73.0 | 118  | 160  | 199  | 230  | 251  | 257  |
| 0         | 0.57 | 0.70 | 0.81 | 0.98 | 1.22 | 1.54 | 1.97 | 2.49 | 3.39 | 6.99 | 15.8 | 34.2 | 71.9 | 122  | 170  | 212  | 247  | 272  | 283  |
| 10        | 0.57 | 0.70 | 0.81 | 0.98 | 1.21 | 1.51 | 1.92 | 2.42 | 3.46 | 7.05 | 15.8 | 33.7 | 66.6 | 109  | 151  | 190  | 222  | 244  | 254  |
| 20        | 0.57 | 0.69 | 0.80 | 0.95 | 1.16 | 1.43 | 1.79 | 2.22 | 2.94 | 5.39 | 11.2 | 22.9 | 44.2 | 71.5 | 102  | 130  | 154  | 170  | 177  |
| 30        | 0.57 | 0.68 | 0.78 | 0.92 | 1.09 | 1.31 | 1.59 | 1.94 | 2.34 | 3.28 | 6.05 | 10.6 | 17.8 | 28.6 | 42.3 | 56.2 | 66.0 | 70.9 | 69.8 |
| 40        | 0.57 | 0.67 | 0.76 | 0.87 | 1.01 | 1.18 | 1.39 | 1.63 | 1.90 | 2.22 | 2.67 | 3.73 | 5.60 | 8.32 | 11.6 | 13.9 | 15.6 | 16.1 | 15.2 |
| 50        | 0.57 | 0.65 | 0.73 | 0.82 | 0.92 | 1.04 | 1.18 | 1.34 | 1.50 | 1.69 | 1.89 | 2.09 | 2.30 | 2.52 | 2.81 | 3.10 | 3.28 | 3.27 | 3.10 |
| 60        | 0.57 | 0.63 | 0.71 | 0.76 | 0.83 | 0.91 | 1.00 | 1.09 | 1.17 | 1.27 | 1.37 | 1.46 | 1.56 | 1.65 | 1.75 | 1.82 | 1.88 | 1.92 | 1.94 |
| 70        | 0.57 | 0.60 | 0.67 | 0.72 | 0.75 | 0.80 | 0.85 | 0.89 | 0.92 | 0.96 | 1.00 | 1.04 | 1.07 | 1.10 | 1.14 | 1.17 | 1.19 | 1.21 | 1.22 |
| 80        | 0.57 | 0.59 | 0.61 | 0.65 | 0.68 | 0.71 | 0.73 | 0.74 | 0.74 | 0.75 | 0.75 | 0.76 | 0.77 | 0.78 | 0.79 | 0.80 | 0.81 | 0.82 | 0.83 |
| 90        | 0.57 | 0.58 | 0.59 | 0.61 | 0.62 | 0.63 | 0.64 | 0.63 | 0.62 | 0.61 | 0.60 | 0.59 | 0.58 | 0.59 | 0.59 | 0.59 | 0.60 | 0.60 | 0.61 |
| 100       | 0.57 | 0.57 | 0.57 | 0.56 | 0.56 | 0.56 | 0.55 | 0.54 | 0.53 | 0.52 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 |
| 110       | 0.57 | 0.56 | 0.54 | 0.53 | 0.53 | 0.53 | 0.52 | 0.52 | 0.52 | 0.51 | 0.51 | 0.52 | 0.52 | 0.53 | 0.52 | 0.52 | 0.52 | 0.51 | 0.50 |
| 120       | 0.57 | 0.55 | 0.52 | 0.52 | 0.52 | 0.52 | 0.51 | 0.51 | 0.52 | 0.54 | 0.57 | 0.60 | 0.63 | 0.66 | 0.67 | 0.69 | 0.70 | 0.70 | 0.70 |
| 130       | 0.57 | 0.53 | 0.51 | 0.52 | 0.52 | 0.52 | 0.52 | 0.56 | 0.58 | 0.64 | 0.71 | 0.76 | 0.83 | 0.89 | 0.93 | 0.96 | 0.98 | 0.99 | 0.99 |
| 140       | 0.57 | 0.52 | 0.51 | 0.52 | 0.52 | 0.53 | 0.58 | 0.63 | 0.70 | 0.78 | 0.87 | 0.97 | 1.06 | 1.15 | 1.24 | 1.27 | 1.31 | 1.32 | 1.32 |
| 150       | 0.57 | 0.51 | 0.51 | 0.52 | 0.53 | 0.57 | 0.63 | 0.72 | 0.82 | 0.93 | 1.04 | 1.15 | 1.26 | 1.37 | 1.46 | 1.52 | 1.54 | 1.56 | 1.56 |
| 160       | 0.57 | 0.51 | 0.51 | 0.52 | 0.55 | 0.60 | 0.69 | 0.80 | 0.93 | 1.06 | 1.18 | 1.29 | 1.38 | 1.48 | 1.53 | 1.56 | 1.57 | 1.58 | 1.60 |
| 170       | 0.57 | 0.51 | 0.51 | 0.52 | 0.56 | 0.63 | 0.74 | 0.86 | 1.00 | 1.14 | 1.28 | 1.39 | 1.49 | 1.54 | 1.54 | 1.54 | 1.53 | 1.52 | 1.56 |
| 180       | 0.57 | 0.51 | 0.51 | 0.52 | 0.57 | 0.65 | 0.76 | 0.89 | 1.04 | 1.18 | 1.32 | 1.44 | 1.55 | 1.57 | 1.57 | 1.54 | 1.50 | 1.47 | 1.51 |

H<sub>b</sub> Range:-90 - 90DEG  
H<sub>b</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-03-13

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:BlazeMini Recessed-500mm-RGBW 3000k-50D-Rev2 | TYPE:RGBW-3000K | WEIGHT:                |
| SPEC.:50 DEG                                      | DIM.:500mm      | SERIAL No.:IES000900-W |
| 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   |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180        | 1.30 | 1.19 | 1.08 | 0.97 | 0.84 | 0.71 | 0.57 | 0.45 | 0.35 | 0.27 | 0.21 | 0.19 | 0.16 | 0.16 | 0.15 | 0.15 | 0.13 | 0.13 |
| -170        | 1.15 | 1.10 | 1.05 | 0.94 | 0.82 | 0.69 | 0.57 | 0.44 | 0.34 | 0.28 | 0.22 | 0.19 | 0.17 | 0.16 | 0.16 | 0.15 | 0.13 | 0.13 |
| -160        | 0.98 | 0.92 | 0.86 | 0.79 | 0.70 | 0.60 | 0.49 | 0.39 | 0.31 | 0.26 | 0.22 | 0.19 | 0.17 | 0.17 | 0.16 | 0.15 | 0.14 | 0.13 |
| -150        | 0.75 | 0.70 | 0.64 | 0.58 | 0.51 | 0.44 | 0.38 | 0.32 | 0.27 | 0.23 | 0.21 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.13 |
| -140        | 0.47 | 0.45 | 0.41 | 0.36 | 0.33 | 0.30 | 0.27 | 0.24 | 0.22 | 0.21 | 0.20 | 0.19 | 0.18 | 0.17 | 0.16 | 0.16 | 0.14 | 0.13 |
| -130        | 0.27 | 0.26 | 0.24 | 0.22 | 0.20 | 0.20 | 0.19 | 0.19 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 | 0.17 | 0.17 | 0.15 | 0.14 | 0.13 |
| -120        | 0.19 | 0.19 | 0.18 | 0.17 | 0.16 | 0.16 | 0.17 | 0.18 | 0.18 | 0.19 | 0.20 | 0.19 | 0.18 | 0.18 | 0.17 | 0.15 | 0.14 | 0.13 |
| -110        | 0.18 | 0.18 | 0.17 | 0.17 | 0.16 | 0.16 | 0.17 | 0.17 | 0.18 | 0.18 | 0.19 | 0.19 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.13 |
| -100        | 0.17 | 0.17 | 0.17 | 0.16 | 0.16 | 0.15 | 0.16 | 0.16 | 0.17 | 0.18 | 0.18 | 0.18 | 0.17 | 0.16 | 0.15 | 0.14 | 0.14 | 0.13 |
| -90         | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.14 | 0.14 | 0.13 |
| -80         | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.08 | 0.09 | 0.10 | 0.12 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 |
| -70         | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.06 | 0.07 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.13 |
| -60         | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 0.12 | 0.13 | 0.13 |
| -50         | 0.48 | 0.53 | 0.46 | 0.32 | 0.18 | 0.12 | 0.07 | 0.06 | 0.05 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.09 | 0.11 | 0.13 | 0.13 |
| -40         | 11.2 | 11.0 | 9.48 | 7.09 | 4.51 | 2.43 | 1.07 | 0.34 | 0.08 | 0.05 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.13 | 0.13 |
| -30         | 84.7 | 80.5 | 68.8 | 49.8 | 31.4 | 16.7 | 7.42 | 2.89 | 0.81 | 0.14 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.13 | 0.13 |
| -20         | 189  | 179  | 160  | 133  | 99.4 | 61.0 | 26.2 | 8.57 | 2.45 | 0.51 | 0.13 | 0.10 | 0.08 | 0.07 | 0.08 | 0.08 | 0.12 | 0.13 |
| -10         | 254  | 236  | 211  | 180  | 143  | 93.5 | 43.2 | 14.6 | 4.11 | 0.90 | 0.20 | 0.12 | 0.09 | 0.07 | 0.08 | 0.08 | 0.12 | 0.13 |
| 0           | 278  | 261  | 233  | 197  | 156  | 100  | 43.2 | 13.9 | 4.10 | 0.88 | 0.22 | 0.15 | 0.10 | 0.08 | 0.08 | 0.08 | 0.11 | 0.13 |
| 10          | 247  | 231  | 204  | 172  | 133  | 83.9 | 38.1 | 13.7 | 4.69 | 1.56 | 0.74 | 0.49 | 0.32 | 0.22 | 0.16 | 0.13 | 0.13 | 0.13 |
| 20          | 174  | 162  | 143  | 116  | 83.5 | 48.8 | 22.4 | 9.13 | 3.89 | 1.80 | 1.14 | 0.78 | 0.51 | 0.34 | 0.24 | 0.17 | 0.16 | 0.13 |
| 30          | 74.0 | 71.2 | 62.5 | 46.6 | 30.3 | 17.4 | 9.38 | 5.24 | 2.94 | 1.91 | 1.35 | 0.94 | 0.64 | 0.44 | 0.30 | 0.21 | 0.17 | 0.13 |
| 40          | 16.5 | 16.1 | 14.6 | 12.2 | 8.57 | 5.54 | 3.68 | 2.76 | 2.33 | 1.89 | 1.38 | 1.00 | 0.71 | 0.50 | 0.35 | 0.24 | 0.19 | 0.13 |
| 50          | 3.33 | 3.38 | 3.22 | 2.93 | 2.62 | 2.39 | 2.18 | 1.96 | 1.75 | 1.55 | 1.29 | 0.97 | 0.73 | 0.53 | 0.38 | 0.27 | 0.20 | 0.13 |
| 60          | 1.93 | 1.90 | 1.85 | 1.78 | 1.69 | 1.60 | 1.50 | 1.40 | 1.30 | 1.19 | 1.11 | 0.91 | 0.70 | 0.53 | 0.39 | 0.29 | 0.21 | 0.13 |
| 70          | 1.21 | 1.20 | 1.18 | 1.16 | 1.12 | 1.08 | 1.05 | 1.01 | 0.97 | 0.93 | 0.90 | 0.82 | 0.66 | 0.52 | 0.41 | 0.31 | 0.22 | 0.13 |
| 80          | 0.82 | 0.82 | 0.81 | 0.79 | 0.78 | 0.77 | 0.77 | 0.76 | 0.75 | 0.75 | 0.74 | 0.73 | 0.61 | 0.50 | 0.40 | 0.31 | 0.22 | 0.13 |
| 90          | 0.60 | 0.60 | 0.59 | 0.59 | 0.59 | 0.58 | 0.59 | 0.60 | 0.61 | 0.61 | 0.62 | 0.63 | 0.55 | 0.46 | 0.38 | 0.30 | 0.21 | 0.13 |
| 100         | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.51 | 0.52 | 0.52 | 0.53 | 0.55 | 0.56 | 0.49 | 0.43 | 0.36 | 0.29 | 0.21 | 0.13 |
| 110         | 0.51 | 0.52 | 0.52 | 0.53 | 0.53 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.51 | 0.45 | 0.39 | 0.33 | 0.27 | 0.21 | 0.13 |
| 120         | 0.70 | 0.70 | 0.69 | 0.68 | 0.66 | 0.63 | 0.60 | 0.56 | 0.54 | 0.53 | 0.52 | 0.48 | 0.42 | 0.37 | 0.32 | 0.26 | 0.20 | 0.13 |
| 130         | 1.00 | 0.98 | 0.96 | 0.93 | 0.87 | 0.82 | 0.76 | 0.70 | 0.64 | 0.58 | 0.52 | 0.45 | 0.40 | 0.34 | 0.29 | 0.24 | 0.19 | 0.13 |
| 140         | 1.32 | 1.31 | 1.27 | 1.22 | 1.15 | 1.06 | 0.97 | 0.86 | 0.77 | 0.67 | 0.53 | 0.42 | 0.36 | 0.32 | 0.27 | 0.23 | 0.18 | 0.13 |
| 150         | 1.56 | 1.54 | 1.52 | 1.46 | 1.37 | 1.27 | 1.15 | 1.03 | 0.84 | 0.65 | 0.51 | 0.40 | 0.32 | 0.28 | 0.24 | 0.21 | 0.17 | 0.13 |
| 160         | 1.58 | 1.57 | 1.57 | 1.54 | 1.48 | 1.39 | 1.18 | 0.96 | 0.76 | 0.59 | 0.46 | 0.35 | 0.28 | 0.24 | 0.22 | 0.19 | 0.16 | 0.13 |
| 170         | 1.50 | 1.53 | 1.56 | 1.46 | 1.29 | 1.12 | 0.93 | 0.76 | 0.59 | 0.46 | 0.35 | 0.29 | 0.23 | 0.20 | 0.19 | 0.17 | 0.14 | 0.13 |
| 180         | 1.30 | 1.19 | 1.08 | 0.97 | 0.84 | 0.71 | 0.57 | 0.45 | 0.35 | 0.27 | 0.21 | 0.19 | 0.16 | 0.16 | 0.15 | 0.15 | 0.13 | 0.13 |

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

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-03-13

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: