

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                                         |                                                                      |
|---------------------------------------------------------|----------------------------------------------------------------------|
| Maximum Intensity<br>(Luminaire orientation as tested.) | 2499.5 cd per klm.<br>0.0 degrees vertical<br>0.0 degrees horizontal |
|---------------------------------------------------------|----------------------------------------------------------------------|

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 53.5V x 72.3H |
|             | At 50% of Imax | 21.9V x 47.4H |
|             | At 90% of Imax | 7.7V x 21.9H  |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.2 lumens per klm. |
|           | To 10% of Imax | 856.9 lumens per klm.  |
|           | To 50% of Imax | 452.0 lumens per klm.  |
|           | To 90% of Imax | 92.7 lumens per klm.   |

|              |        |
|--------------|--------|
| Upward LOR   | 2.1 %  |
| Downward LOR | 97.9 % |

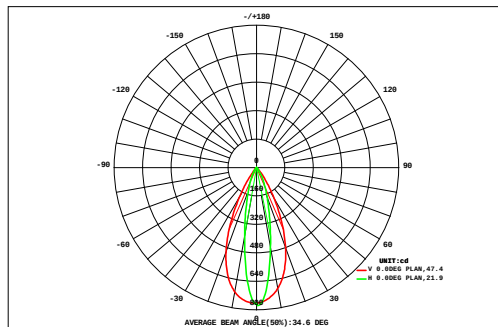
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-03-11

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 GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| MFR.:                                               | SUR.:                 | Shielding Angle:       |



| DATA OF LAMP     |       | Eff:47.74lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 775.6    |
| NOMINAL POWER(W) | 6.5   | AVAILABILITY(%) | 85.7     |
| RATED VOLTAGE(V) | 24    | Avai. FLUX(lm)  | 265.9    |
| NOMINAL FLUX(lm) | 310.3 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 310.3    |
| TEST VOLTAGE(V)  | 24    | q @50%(H,V)     | 47,22DEG |

| 72<br>64<br>56<br>48<br>40<br>32<br>24<br><br><br><br><br><br><br>-24<br>-32<br>-40<br>-48<br>-56<br>-64<br>-72<br>-72 | AREA FLUX DIAGRAM |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |      | UNIT:lm |      |      |      | F t | F a |
|------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|------|---------|------|------|------|-----|-----|
|                                                                                                                        | 0.01              | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.04             | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01    | 0.01 | 0.46 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.02 | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.05             | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | 0.02 | 0.01    | 0.01 | 0.61 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08             | 0.08 | 0.08 | 0.08 | 0.07 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02    | 0.01 | 0.83 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.02 | 0.03 | 0.05 | 0.07 | 0.10 | 0.13 | 0.16             | 0.16 | 0.16 | 0.16 | 0.13 | 0.10 | 0.07 | 0.05 | 0.03 | 0.02    | 0.01 | 1.45 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.02 | 0.04 | 0.06 | 0.12 | 0.24 | 0.40 | 0.55             | 0.55 | 0.54 | 0.52 | 0.39 | 0.25 | 0.13 | 0.06 | 0.03 | 0.02    | 0.01 | 3.94 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.03 | 0.05 | 0.09 | 0.27 | 0.68 | 1.20 | 1.52             | 1.62 | 1.57 | 1.40 | 1.07 | 0.63 | 0.29 | 0.10 | 0.03 | 0.01    | 0.01 | 10.6 | 4.37 |     |     |
|                                                                                                                        | 0.02              | 0.03 | 0.05 | 0.14 | 0.55 | 1.51 | 2.66 | 3.33             | 3.62 | 3.51 | 3.06 | 2.34 | 1.31 | 0.55 | 0.15 | 0.03 | 0.01    | 0.01 | 22.9 | 20.3 |     |     |
|                                                                                                                        | 0.02              | 0.03 | 0.06 | 0.19 | 0.89 | 2.67 | 5.06 | 6.99             | 7.68 | 7.52 | 6.58 | 4.56 | 2.43 | 0.90 | 0.23 | 0.03 | 0.01    | 0.00 | 45.8 | 44.0 |     |     |
|                                                                                                                        | 0.02              | 0.03 | 0.06 | 0.22 | 1.18 | 3.95 | 7.96 | 11.5             | 13.4 | 13.2 | 11.1 | 7.49 | 3.79 | 1.26 | 0.28 | 0.02 | 0.00    | 0.00 | 75.4 | 73.8 |     |     |
|                                                                                                                        | 0.02              | 0.03 | 0.06 | 0.22 | 1.16 | 3.82 | 7.60 | 10.7             | 12.3 | 12.3 | 10.4 | 7.22 | 3.71 | 1.24 | 0.27 | 0.02 | 0.00    | 0.00 | 71.1 | 69.5 |     |     |
|                                                                                                                        | 0.01              | 0.03 | 0.05 | 0.17 | 0.83 | 2.39 | 4.28 | 5.77             | 6.33 | 6.26 | 5.58 | 4.01 | 2.25 | 0.86 | 0.21 | 0.02 | 0.00    | 0.00 | 39.0 | 37.2 |     |     |
|                                                                                                                        | 0.01              | 0.02 | 0.03 | 0.11 | 0.49 | 1.29 | 2.13 | 2.54             | 2.78 | 2.73 | 2.42 | 1.96 | 1.17 | 0.50 | 0.12 | 0.01 | 0.00    | 0.00 | 18.3 | 15.5 |     |     |
|                                                                                                                        | 0.01              | 0.01 | 0.02 | 0.05 | 0.22 | 0.59 | 0.94 | 1.13             | 1.23 | 1.20 | 1.07 | 0.87 | 0.55 | 0.24 | 0.06 | 0.00 | 0.00    | 0.00 | 8.19 | 1.20 |     |     |
|                                                                                                                        | 0.01              | 0.01 | 0.01 | 0.01 | 0.07 | 0.20 | 0.35 | 0.45             | 0.47 | 0.46 | 0.43 | 0.33 | 0.21 | 0.08 | 0.01 | 0.00 | 0.00    | 0.00 | 3.11 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.01 | 0.00 | 0.00 | 0.01 | 0.04 | 0.09 | 0.13             | 0.12 | 0.12 | 0.12 | 0.09 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00    | 0.00 | 0.82 | 0.00 |     |     |
|                                                                                                                        | 0.01              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01             | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.10 | 0.00 |     |     |
|                                                                                                                        | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.03 | 0.00 |     |     |
|                                                                                                                        | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00             | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.03 | 0.00 |     |     |
|                                                                                                                        | -64               | -56  | -48  | -40  | -32  | -24  | -16  | HORIZONTAL (DEG) |      |      |      | 16   | 24   | 32   | 40   | 48   | 56      | 64   | 72   |      |     |     |
| F t                                                                                                                    | 0.20              | 0.33 | 0.54 | 1.41 | 5.96 | 17.6 | 33.0 | 44.9             | 50.5 | 49.8 | 43.0 | 30.6 | 16.6 | 6.26 | 1.63 | 0.30 | 0.13    | 0.07 | 303  | ---  |     |     |
| F a                                                                                                                    | 0.00              | 0.00 | 0.00 | 0.00 | 1.90 | 14.6 | 30.1 | 41.9             | 47.6 | 46.9 | 39.9 | 27.6 | 13.3 | 1.97 | 0.00 | 0.00 | 0.00    | 0.00 | ---  | 266  |     |     |

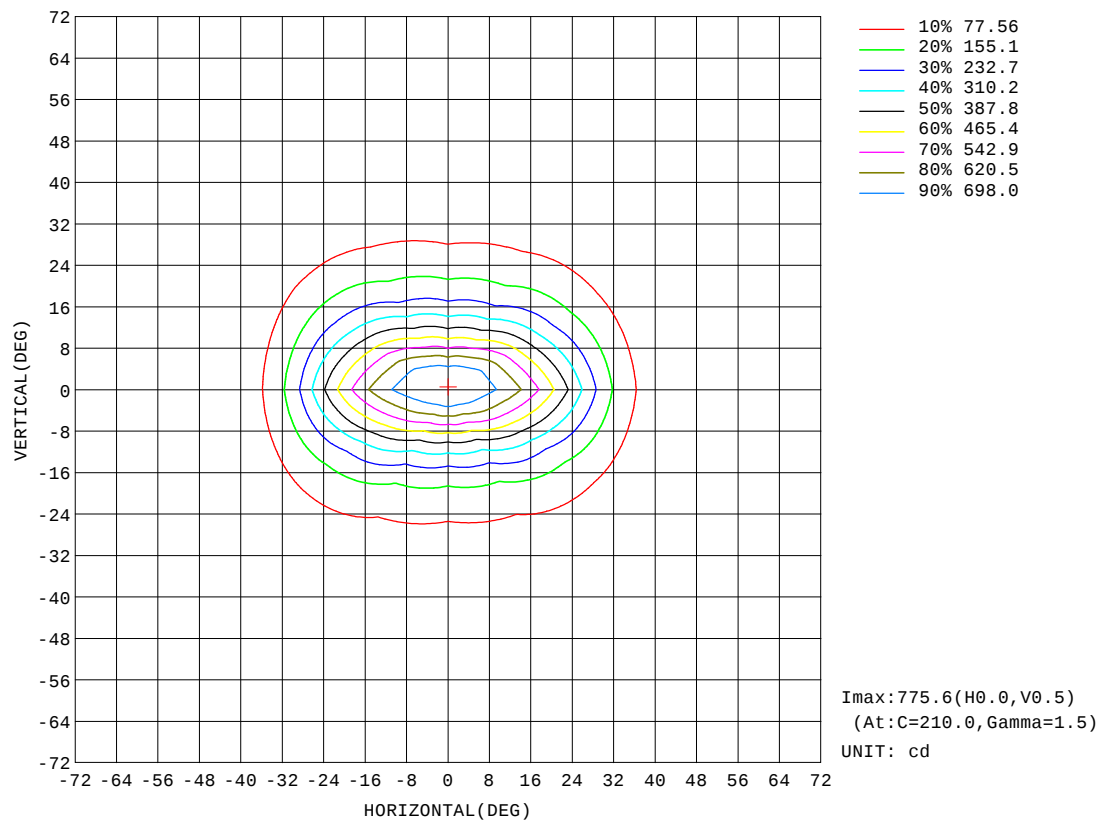
one-half-peak spread: U:10.7,D:11.3 , L:23.1, Beam Type: Type 5 x 4 (H x V)

H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-03-11

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 GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| MFR.:                                               | SUR.:                 | Shielding Angle:       |

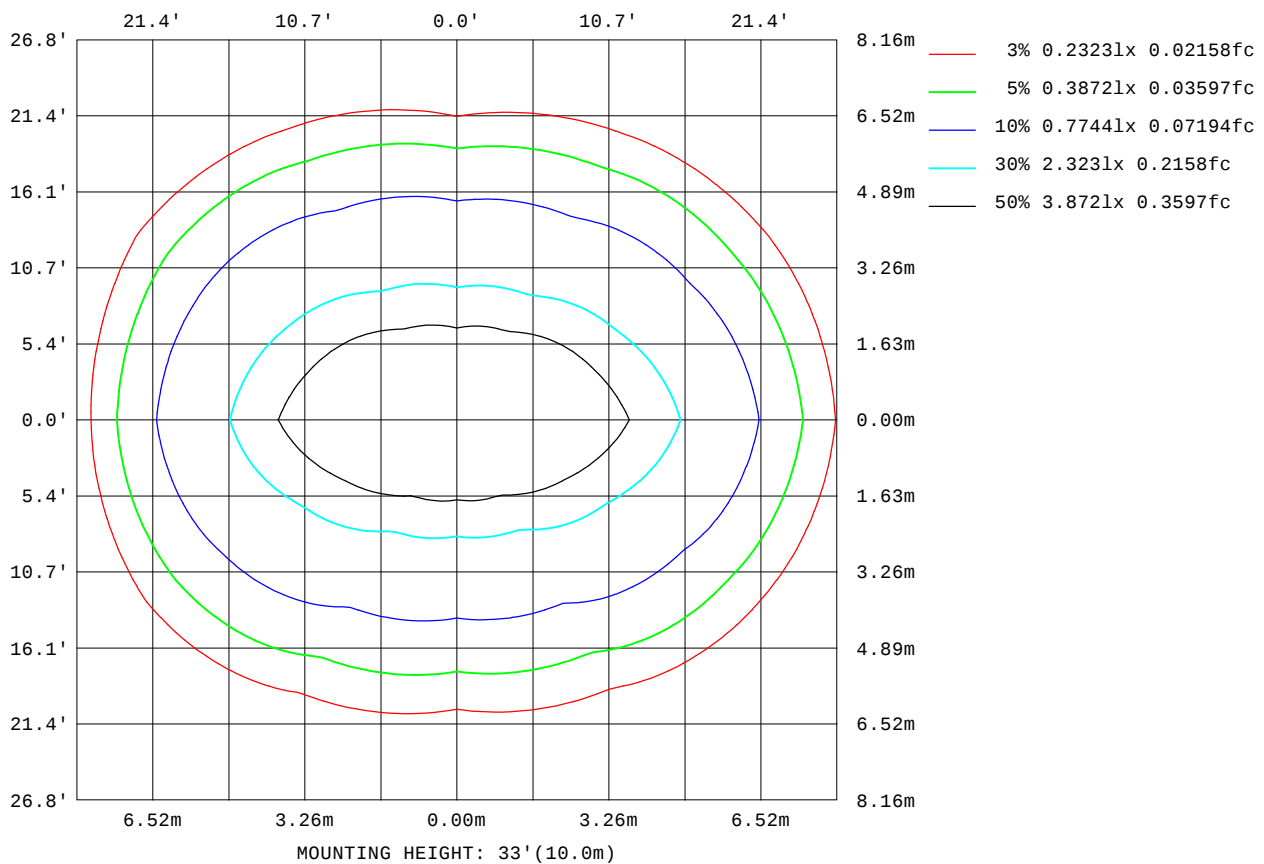


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-03-11

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

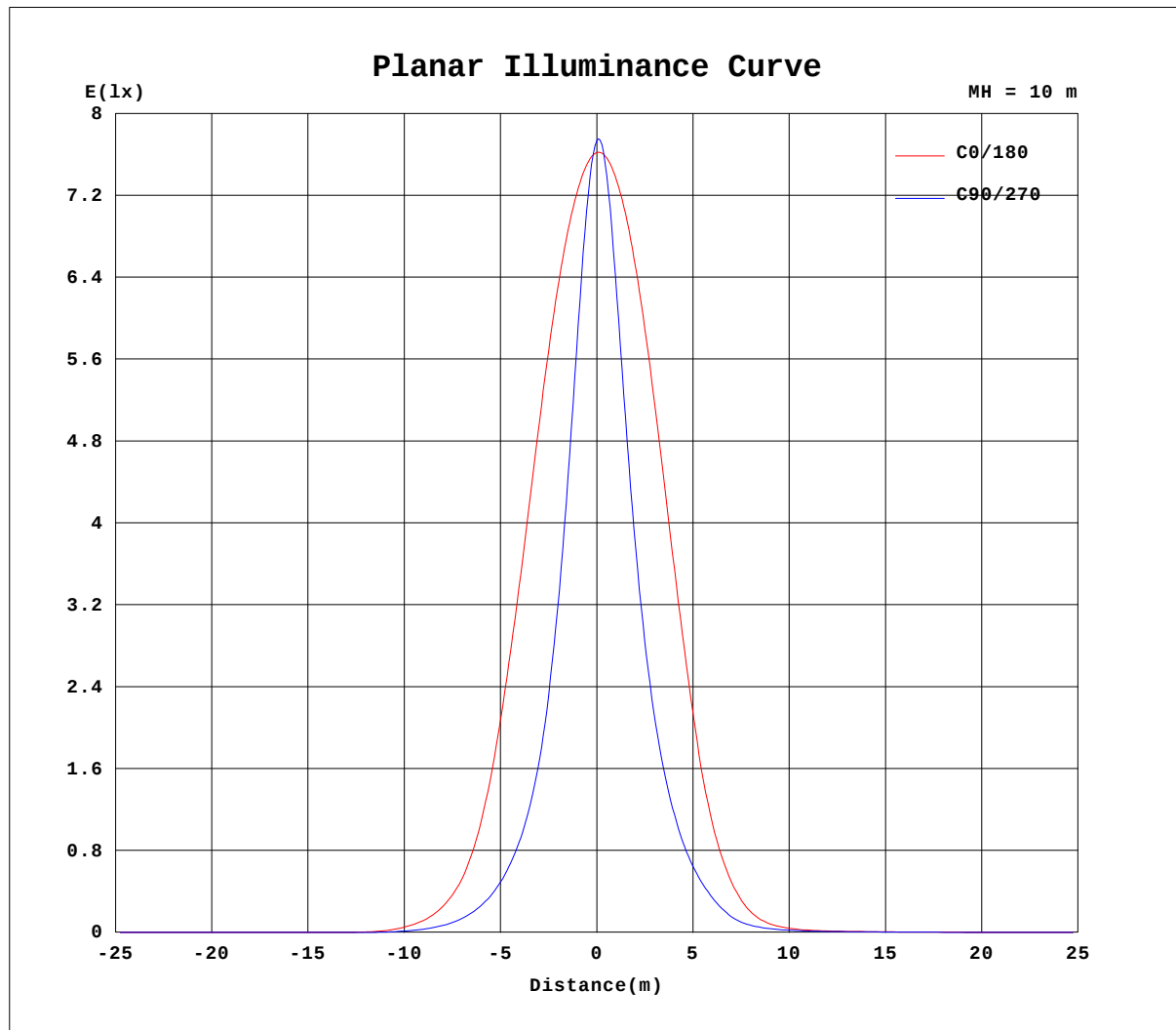
|                                                     |                       |                        |
|-----------------------------------------------------|-----------------------|------------------------|
| NAME:BlazeMini Recessed-500mm-RGBW GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| 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: 2023-03-11

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

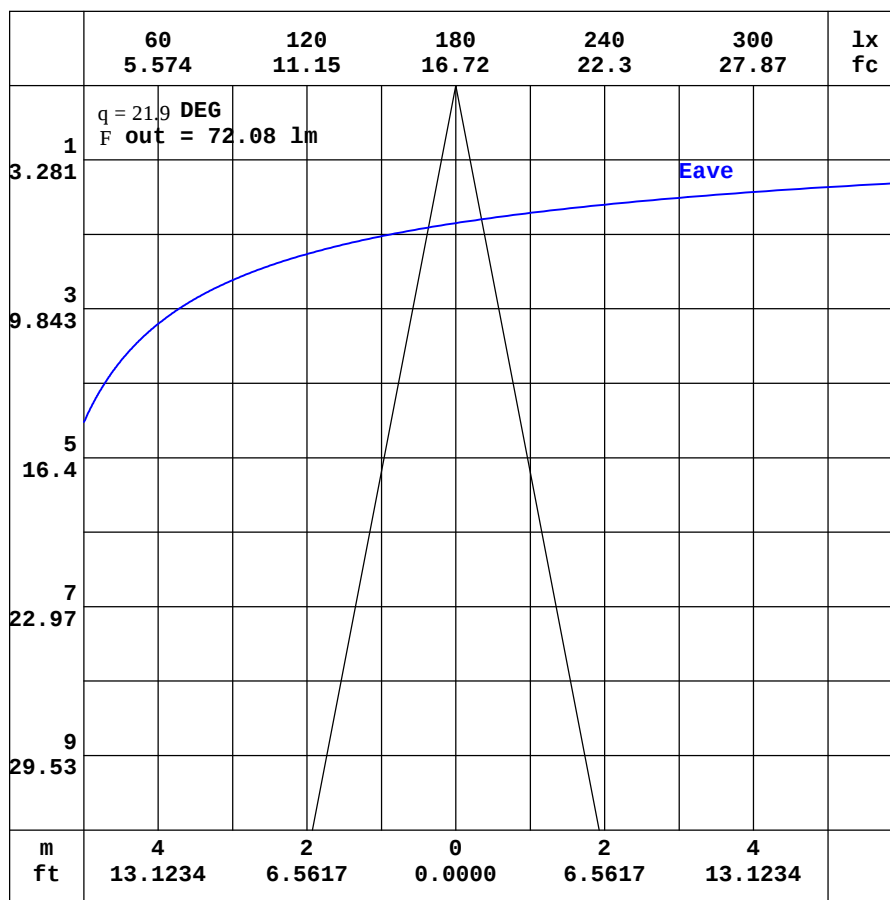


H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-03-11

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 GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| 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:2023-03-11

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 GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| 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        | 1.00 | 0.91 | 0.87 | 0.88 | 0.93 | 1.03 | 1.19 | 1.39 | 1.62 | 1.84 | 2.05 | 2.24 | 2.39 | 2.45 | 2.44 | 2.40 | 2.32 | 2.26 | 2.28 |
| -170        | 1.00 | 0.89 | 0.84 | 0.83 | 0.86 | 0.92 | 1.02 | 1.14 | 1.27 | 1.40 | 1.52 | 1.62 | 1.70 | 1.74 | 1.71 | 1.72 | 1.86 | 2.00 | 2.13 |
| -160        | 1.00 | 0.88 | 0.81 | 0.79 | 0.78 | 0.80 | 0.84 | 0.88 | 0.92 | 0.95 | 0.97 | 0.97 | 0.99 | 1.18 | 1.37 | 1.54 | 1.70 | 1.83 | 1.90 |
| -150        | 1.00 | 0.87 | 0.79 | 0.74 | 0.71 | 0.70 | 0.68 | 0.66 | 0.62 | 0.57 | 0.52 | 0.60 | 0.70 | 0.83 | 0.97 | 1.10 | 1.23 | 1.32 | 1.38 |
| -140        | 1.00 | 0.85 | 0.76 | 0.71 | 0.65 | 0.60 | 0.56 | 0.50 | 0.41 | 0.38 | 0.39 | 0.39 | 0.43 | 0.48 | 0.54 | 0.62 | 0.69 | 0.74 | 0.77 |
| -130        | 1.00 | 0.85 | 0.74 | 0.67 | 0.61 | 0.54 | 0.47 | 0.39 | 0.35 | 0.35 | 0.33 | 0.32 | 0.30 | 0.29 | 0.28 | 0.30 | 0.32 | 0.34 | 0.35 |
| -120        | 1.00 | 0.85 | 0.74 | 0.65 | 0.57 | 0.49 | 0.42 | 0.36 | 0.36 | 0.36 | 0.34 | 0.33 | 0.31 | 0.30 | 0.28 | 0.26 | 0.25 | 0.24 | 0.23 |
| -110        | 1.00 | 0.86 | 0.74 | 0.64 | 0.55 | 0.47 | 0.38 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.35 | 0.35 | 0.34 | 0.33 |
| -100        | 1.00 | 0.86 | 0.75 | 0.64 | 0.53 | 0.44 | 0.35 | 0.35 | 0.35 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 |
| -90         | 1.00 | 0.89 | 0.77 | 0.66 | 0.54 | 0.43 | 0.31 | 0.31 | 0.30 | 0.30 | 0.29 | 0.28 | 0.28 | 0.29 | 0.29 | 0.30 | 0.31 | 0.32 | 0.32 |
| -80         | 1.00 | 0.90 | 0.79 | 0.68 | 0.56 | 0.41 | 0.26 | 0.23 | 0.22 | 0.21 | 0.19 | 0.17 | 0.15 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 | 0.15 |
| -70         | 1.00 | 0.92 | 0.85 | 0.73 | 0.60 | 0.44 | 0.25 | 0.17 | 0.15 | 0.12 | 0.10 | 0.08 | 0.07 | 0.06 | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 |
| -60         | 1.00 | 0.95 | 0.90 | 0.81 | 0.69 | 0.53 | 0.32 | 0.13 | 0.11 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 |
| -50         | 1.00 | 1.00 | 0.97 | 0.91 | 0.82 | 0.68 | 0.49 | 0.23 | 0.09 | 0.09 | 0.10 | 0.13 | 0.21 | 0.38 | 0.71 | 1.04 | 1.12 | 0.96 | 0.58 |
| -40         | 1.00 | 1.04 | 1.05 | 1.04 | 1.00 | 0.94 | 0.81 | 0.61 | 0.28 | 0.19 | 0.71 | 2.03 | 4.30 | 7.37 | 10.2 | 12.2 | 13.2 | 13.1 | 11.7 |
| -30         | 1.00 | 1.07 | 1.13 | 1.19 | 1.25 | 1.29 | 1.32 | 1.28 | 1.23 | 2.00 | 4.68 | 11.4 | 21.8 | 32.4 | 40.1 | 44.0 | 48.8 | 50.2 | 47.1 |
| -20         | 1.00 | 1.10 | 1.22 | 1.36 | 1.52 | 1.72 | 1.98 | 2.24 | 2.98 | 5.67 | 14.5 | 34.5 | 62.2 | 90.8 | 115  | 128  | 130  | 141  | 135  |
| -10         | 1.00 | 1.14 | 1.31 | 1.52 | 1.81 | 2.20 | 2.72 | 3.38 | 4.75 | 9.94 | 26.1 | 65.0 | 127  | 204  | 273  | 333  | 376  | 384  | 393  |
| 0           | 1.00 | 1.17 | 1.38 | 1.67 | 2.07 | 2.64 | 3.43 | 4.41 | 5.96 | 11.9 | 31.6 | 89.9 | 195  | 350  | 504  | 627  | 709  | 752  | 762  |
| 10          | 1.00 | 1.17 | 1.38 | 1.66 | 2.04 | 2.57 | 3.30 | 4.20 | 5.77 | 11.0 | 27.5 | 69.0 | 137  | 228  | 316  | 395  | 450  | 465  | 455  |
| 20          | 1.00 | 1.16 | 1.36 | 1.61 | 1.96 | 2.41 | 3.03 | 3.77 | 4.88 | 7.97 | 16.6 | 38.6 | 72.0 | 109  | 144  | 166  | 173  | 184  | 175  |
| 30          | 1.00 | 1.15 | 1.33 | 1.55 | 1.83 | 2.20 | 2.67 | 3.25 | 3.89 | 5.17 | 8.31 | 14.0 | 24.4 | 37.9 | 50.8 | 59.5 | 65.6 | 66.6 | 61.6 |
| 40          | 1.00 | 1.14 | 1.28 | 1.46 | 1.69 | 1.97 | 2.29 | 2.69 | 3.14 | 3.60 | 4.21 | 5.41 | 7.09 | 9.13 | 11.1 | 13.2 | 14.4 | 14.1 | 12.3 |
| 50          | 1.00 | 1.12 | 1.23 | 1.37 | 1.54 | 1.73 | 1.95 | 2.20 | 2.45 | 2.72 | 3.00 | 3.26 | 3.51 | 3.74 | 4.04 | 4.32 | 4.50 | 4.48 | 4.32 |
| 60          | 1.00 | 1.08 | 1.18 | 1.28 | 1.39 | 1.52 | 1.64 | 1.78 | 1.91 | 2.03 | 2.15 | 2.27 | 2.39 | 2.49 | 2.60 | 2.68 | 2.74 | 2.76 | 2.75 |
| 70          | 1.00 | 1.05 | 1.13 | 1.19 | 1.26 | 1.33 | 1.40 | 1.46 | 1.51 | 1.56 | 1.59 | 1.63 | 1.66 | 1.69 | 1.72 | 1.74 | 1.76 | 1.76 | 1.74 |
| 80          | 1.00 | 1.03 | 1.07 | 1.10 | 1.15 | 1.18 | 1.22 | 1.23 | 1.24 | 1.25 | 1.25 | 1.26 | 1.26 | 1.27 | 1.28 | 1.28 | 1.29 | 1.29 | 1.29 |
| 90          | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 | 1.05 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | 1.00 | 1.00 | 1.00 | 1.01 | 1.01 | 1.01 | 1.01 |
| 100         | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.96 | 0.96 | 0.93 | 0.90 | 0.88 | 0.86 | 0.84 | 0.82 | 0.81 | 0.82 | 0.82 | 0.81 | 0.82 | 0.82 |
| 110         | 1.00 | 0.96 | 0.94 | 0.93 | 0.90 | 0.89 | 0.88 | 0.86 | 0.84 | 0.83 | 0.81 | 0.81 | 0.80 | 0.79 | 0.79 | 0.78 | 0.78 | 0.77 | 0.77 |
| 120         | 1.00 | 0.95 | 0.92 | 0.89 | 0.88 | 0.86 | 0.85 | 0.85 | 0.84 | 0.83 | 0.85 | 0.86 | 0.88 | 0.90 | 0.91 | 0.91 | 0.91 | 0.91 | 0.90 |
| 130         | 1.00 | 0.93 | 0.89 | 0.88 | 0.87 | 0.86 | 0.86 | 0.87 | 0.91 | 0.97 | 1.03 | 1.10 | 1.17 | 1.24 | 1.32 | 1.39 | 1.44 | 1.47 | 1.47 |
| 140         | 1.00 | 0.92 | 0.88 | 0.87 | 0.87 | 0.88 | 0.91 | 0.98 | 1.07 | 1.18 | 1.31 | 1.46 | 1.60 | 1.75 | 1.89 | 2.03 | 2.13 | 2.20 | 2.24 |
| 150         | 1.00 | 0.92 | 0.88 | 0.87 | 0.88 | 0.92 | 0.99 | 1.11 | 1.26 | 1.43 | 1.60 | 1.80 | 2.01 | 2.20 | 2.36 | 2.50 | 2.57 | 2.61 | 2.64 |
| 160         | 1.00 | 0.91 | 0.88 | 0.87 | 0.90 | 0.97 | 1.08 | 1.24 | 1.43 | 1.64 | 1.86 | 2.06 | 2.26 | 2.44 | 2.58 | 2.68 | 2.72 | 2.75 | 2.78 |
| 170         | 1.00 | 0.91 | 0.87 | 0.87 | 0.92 | 1.01 | 1.15 | 1.34 | 1.55 | 1.78 | 2.00 | 2.21 | 2.39 | 2.51 | 2.56 | 2.59 | 2.56 | 2.56 | 2.69 |
| 180         | 1.00 | 0.91 | 0.87 | 0.88 | 0.93 | 1.03 | 1.19 | 1.39 | 1.62 | 1.84 | 2.05 | 2.24 | 2.39 | 2.45 | 2.44 | 2.40 | 2.32 | 2.26 | 2.28 |

H<sub>(b)</sub> Range: -90 - 90DEG  
 H<sub>(b)</sub> Interval: 0.5DEG  
 Test Speed: LOW  
 Temperature: 25.3DEG  
 Operators: Fan  
 Test Date: 2023-03-11

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 GREEN-2045D-Rev1 | TYPE:RGBW 3000K-GREEN | WEIGHT:                |
| SPEC.:20x45 DEG                                     | DIM.:500mm            | SERIAL No.:IES000898-G |
| MFR.:                                               | SUR.:                 | Shielding Angle:       |

Table--2

UNIT: cd

| H(°)<br>V(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180         | 2.01 | 1.84 | 1.71 | 1.58 | 1.43 | 1.25 | 1.05 | 0.86 | 0.70 | 0.55 | 0.44 | 0.37 | 0.35 | 0.34 | 0.34 | 0.32 | 0.30 | 0.27 |
| -170         | 2.05 | 1.95 | 1.82 | 1.66 | 1.47 | 1.26 | 1.05 | 0.84 | 0.67 | 0.54 | 0.44 | 0.37 | 0.35 | 0.34 | 0.34 | 0.33 | 0.30 | 0.27 |
| -160         | 1.86 | 1.78 | 1.64 | 1.48 | 1.31 | 1.13 | 0.93 | 0.75 | 0.60 | 0.49 | 0.42 | 0.36 | 0.35 | 0.35 | 0.34 | 0.33 | 0.30 | 0.27 |
| -150         | 1.36 | 1.30 | 1.20 | 1.08 | 0.96 | 0.82 | 0.70 | 0.60 | 0.50 | 0.43 | 0.38 | 0.36 | 0.35 | 0.35 | 0.34 | 0.33 | 0.30 | 0.27 |
| -140         | 0.77 | 0.75 | 0.69 | 0.62 | 0.56 | 0.51 | 0.46 | 0.43 | 0.40 | 0.38 | 0.36 | 0.35 | 0.35 | 0.35 | 0.35 | 0.33 | 0.30 | 0.27 |
| -130         | 0.35 | 0.35 | 0.34 | 0.33 | 0.31 | 0.32 | 0.34 | 0.35 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.35 | 0.34 | 0.33 | 0.30 | 0.27 |
| -120         | 0.25 | 0.26 | 0.27 | 0.28 | 0.30 | 0.32 | 0.33 | 0.35 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.35 | 0.35 | 0.33 | 0.32 | 0.29 |
| -110         | 0.34 | 0.35 | 0.36 | 0.36 | 0.37 | 0.37 | 0.37 | 0.37 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.35 | 0.34 | 0.33 | 0.31 | 0.29 |
| -100         | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.35 | 0.34 | 0.32 | 0.31 | 0.29 |
| -90          | 0.32 | 0.32 | 0.31 | 0.31 | 0.30 | 0.30 | 0.30 | 0.31 | 0.32 | 0.32 | 0.33 | 0.34 | 0.33 | 0.32 | 0.31 | 0.30 | 0.29 | 0.27 |
| -80          | 0.15 | 0.15 | 0.15 | 0.16 | 0.17 | 0.17 | 0.19 | 0.21 | 0.23 | 0.25 | 0.27 | 0.29 | 0.30 | 0.30 | 0.29 | 0.29 | 0.28 | 0.27 |
| -70          | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.10 | 0.12 | 0.15 | 0.18 | 0.21 | 0.23 | 0.25 | 0.26 | 0.28 | 0.28 | 0.28 | 0.27 |
| -60          | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.12 | 0.14 | 0.16 | 0.19 | 0.21 | 0.23 | 0.24 | 0.27 | 0.28 | 0.27 |
| -50          | 0.91 | 1.04 | 0.93 | 0.63 | 0.35 | 0.21 | 0.15 | 0.12 | 0.12 | 0.12 | 0.14 | 0.16 | 0.18 | 0.20 | 0.22 | 0.25 | 0.28 | 0.27 |
| -40          | 12.8 | 12.6 | 11.5 | 9.62 | 7.52 | 4.90 | 2.46 | 0.80 | 0.20 | 0.14 | 0.14 | 0.15 | 0.17 | 0.19 | 0.21 | 0.24 | 0.27 | 0.27 |
| -30          | 49.1 | 46.7 | 41.4 | 37.1 | 30.1 | 21.3 | 13.2 | 6.59 | 1.93 | 0.32 | 0.18 | 0.17 | 0.17 | 0.18 | 0.20 | 0.23 | 0.27 | 0.27 |
| -20          | 138  | 124  | 121  | 106  | 82.3 | 56.5 | 34.4 | 17.3 | 6.09 | 1.13 | 0.26 | 0.21 | 0.17 | 0.18 | 0.19 | 0.22 | 0.27 | 0.27 |
| -10          | 380  | 368  | 320  | 256  | 192  | 123  | 66.7 | 31.6 | 11.8 | 2.13 | 0.37 | 0.24 | 0.19 | 0.18 | 0.19 | 0.22 | 0.27 | 0.27 |
| 0            | 741  | 690  | 603  | 479  | 335  | 196  | 95.8 | 42.1 | 15.0 | 2.31 | 0.38 | 0.27 | 0.21 | 0.18 | 0.19 | 0.22 | 0.27 | 0.27 |
| 10           | 454  | 431  | 368  | 287  | 207  | 129  | 69.3 | 33.2 | 12.9 | 3.05 | 1.17 | 0.80 | 0.55 | 0.40 | 0.32 | 0.28 | 0.29 | 0.27 |
| 20           | 177  | 161  | 150  | 127  | 94.0 | 62.7 | 38.3 | 19.8 | 8.21 | 2.92 | 1.77 | 1.23 | 0.84 | 0.59 | 0.44 | 0.35 | 0.32 | 0.27 |
| 30           | 64.1 | 61.1 | 54.6 | 46.2 | 35.1 | 24.7 | 16.2 | 9.92 | 4.85 | 2.92 | 2.09 | 1.48 | 1.04 | 0.74 | 0.54 | 0.41 | 0.34 | 0.27 |
| 40           | 14.0 | 14.2 | 13.2 | 11.2 | 9.72 | 7.78 | 5.71 | 4.17 | 3.54 | 2.91 | 2.16 | 1.58 | 1.15 | 0.83 | 0.61 | 0.45 | 0.36 | 0.27 |
| 50           | 4.49 | 4.51 | 4.33 | 4.04 | 3.73 | 3.47 | 3.22 | 2.95 | 2.68 | 2.41 | 2.04 | 1.56 | 1.18 | 0.88 | 0.66 | 0.49 | 0.38 | 0.27 |
| 60           | 2.75 | 2.72 | 2.66 | 2.57 | 2.46 | 2.36 | 2.25 | 2.12 | 2.00 | 1.88 | 1.75 | 1.45 | 1.15 | 0.89 | 0.68 | 0.53 | 0.39 | 0.27 |
| 70           | 1.75 | 1.75 | 1.73 | 1.71 | 1.67 | 1.64 | 1.61 | 1.57 | 1.52 | 1.48 | 1.43 | 1.32 | 1.08 | 0.87 | 0.70 | 0.54 | 0.40 | 0.27 |
| 80           | 1.29 | 1.28 | 1.27 | 1.26 | 1.24 | 1.23 | 1.22 | 1.22 | 1.22 | 1.21 | 1.20 | 1.17 | 1.00 | 0.83 | 0.68 | 0.54 | 0.40 | 0.27 |
| 90           | 1.01 | 1.00 | 1.00 | 0.99 | 0.98 | 0.98 | 0.99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 | 0.91 | 0.78 | 0.66 | 0.53 | 0.40 | 0.27 |
| 100          | 0.82 | 0.81 | 0.81 | 0.80 | 0.80 | 0.80 | 0.81 | 0.83 | 0.85 | 0.87 | 0.89 | 0.91 | 0.81 | 0.72 | 0.62 | 0.51 | 0.39 | 0.27 |
| 110          | 0.77 | 0.78 | 0.79 | 0.79 | 0.79 | 0.79 | 0.80 | 0.80 | 0.81 | 0.82 | 0.83 | 0.83 | 0.75 | 0.67 | 0.59 | 0.49 | 0.39 | 0.27 |
| 120          | 0.92 | 0.93 | 0.94 | 0.94 | 0.93 | 0.91 | 0.90 | 0.87 | 0.85 | 0.83 | 0.83 | 0.77 | 0.70 | 0.63 | 0.56 | 0.48 | 0.38 | 0.27 |
| 130          | 1.49 | 1.48 | 1.44 | 1.40 | 1.33 | 1.25 | 1.17 | 1.09 | 1.03 | 0.95 | 0.86 | 0.74 | 0.66 | 0.60 | 0.53 | 0.46 | 0.37 | 0.27 |
| 140          | 2.22 | 2.18 | 2.11 | 2.01 | 1.87 | 1.72 | 1.56 | 1.41 | 1.28 | 1.10 | 0.89 | 0.73 | 0.62 | 0.56 | 0.50 | 0.44 | 0.36 | 0.27 |
| 150          | 2.62 | 2.60 | 2.55 | 2.45 | 2.30 | 2.12 | 1.93 | 1.73 | 1.42 | 1.12 | 0.88 | 0.70 | 0.58 | 0.51 | 0.46 | 0.41 | 0.35 | 0.27 |
| 160          | 2.76 | 2.75 | 2.71 | 2.63 | 2.51 | 2.36 | 2.01 | 1.64 | 1.31 | 1.03 | 0.81 | 0.63 | 0.52 | 0.46 | 0.42 | 0.38 | 0.33 | 0.27 |
| 170          | 2.63 | 2.64 | 2.65 | 2.48 | 2.20 | 1.92 | 1.62 | 1.32 | 1.06 | 0.83 | 0.65 | 0.52 | 0.44 | 0.40 | 0.38 | 0.36 | 0.32 | 0.27 |
| 180          | 2.01 | 1.84 | 1.71 | 1.58 | 1.43 | 1.25 | 1.05 | 0.86 | 0.70 | 0.55 | 0.44 | 0.37 | 0.35 | 0.34 | 0.34 | 0.32 | 0.30 | 0.27 |

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

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-03-11

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: