

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 3241.7 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 41.3V x 70.0H |
|             | At 50% of Imax | 15.8V x 40.1H |
|             | At 90% of Imax | 6.0V x 17.8H  |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.3 lumens per klm. |
|           | To 10% of Imax | 723.2 lumens per klm.  |
|           | To 50% of Imax | 347.7 lumens per klm.  |
|           | To 90% of Imax | 59.3 lumens per klm.   |

|              |        |
|--------------|--------|
| Upward LOR   | 2.3 %  |
| Downward LOR | 97.7 % |

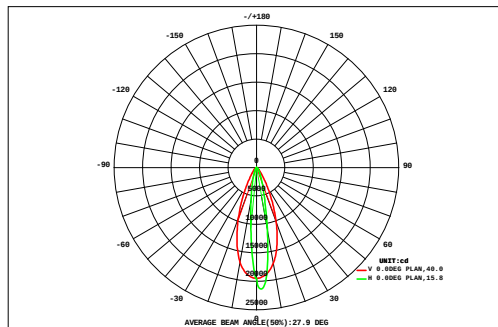
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-07-01

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:DecoBody-945mm-RGBW All-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |



| DATA OF LAMP     |       | Eff:44.31lm/W   |          |
|------------------|-------|-----------------|----------|
| MODEL            |       | Imax(cd)        | 21373    |
| NOMINAL POWER(W) | 148.8 | AVAILABILITY(%) | 72.3     |
| RATED VOLTAGE(V) | 220   | Avai. FLUX(lm)  | 4765     |
| NOMINAL FLUX(lm) | 6593  | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1     | TOTAL FLUX(lm)  | 6593     |
| TEST VOLTAGE(V)  | 220   | q @50%(H,V)     | 40,16DEG |

|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      |      |      | F t  | F a |
|----------------|------|-------------------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|------|-----|
|                |      |                   |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |         |      |      |      |      |     |
| VERTICAL (DEG) | 45   | 1.54              | 1.94 | 2.36 | 2.79 | 3.17 | 3.52 | 3.82 | 3.99             | 4.00 | 3.98 | 3.92 | 3.72 | 3.41 | 3.05 | 2.68 | 2.27    | 1.85 | 1.46 | 53.5 | 0.00 |     |
|                | 40   | 1.88              | 2.42 | 3.03 | 3.66 | 4.24 | 4.75 | 5.24 | 5.53             | 5.57 | 5.54 | 5.44 | 5.10 | 4.58 | 4.08 | 3.52 | 2.91    | 2.32 | 1.79 | 71.6 | 0.00 |     |
|                | 35   | 2.27              | 3.02 | 3.90 | 4.88 | 5.82 | 6.57 | 7.34 | 7.86             | 7.91 | 7.87 | 7.73 | 7.14 | 6.34 | 5.63 | 4.72 | 3.76    | 2.89 | 2.16 | 97.8 | 0.00 |     |
|                | 30   | 2.72              | 3.75 | 5.06 | 6.61 | 8.23 | 9.56 | 10.6 | 11.6             | 11.7 | 11.6 | 11.4 | 10.4 | 9.33 | 8.06 | 6.46 | 4.91    | 3.61 | 2.56 | 138  | 0.00 |     |
|                | 25   | 3.23              | 4.64 | 6.58 | 9.08 | 12.1 | 14.9 | 16.6 | 18.4             | 18.6 | 18.5 | 18.1 | 16.3 | 14.8 | 12.0 | 8.99 | 6.45    | 4.46 | 3.01 | 207  | 91.9 |     |
|                | 20   | 3.77              | 5.66 | 8.50 | 12.6 | 18.2 | 24.5 | 29.0 | 31.3             | 32.6 | 32.5 | 31.0 | 29.1 | 25.0 | 18.5 | 12.7 | 8.47    | 5.48 | 3.50 | 332  | 273  |     |
|                | 15   | 4.32              | 6.78 | 10.8 | 17.4 | 27.3 | 40.9 | 54.1 | 59.7             | 62.8 | 62.6 | 59.5 | 55.2 | 42.5 | 28.5 | 18.2 | 11.1    | 6.65 | 4.01 | 572  | 528  |     |
|                | 10   | 4.80              | 7.86 | 13.4 | 23.1 | 38.8 | 61.7 | 90.9 | 111              | 119  | 118  | 110  | 92.7 | 64.8 | 41.5 | 25.0 | 14.1    | 7.84 | 4.47 | 950  | 912  |     |
|                | 5    | 5.16              | 8.71 | 15.5 | 28.2 | 49.0 | 77.6 | 111  | 141              | 156  | 152  | 139  | 113  | 81.9 | 53.3 | 31.2 | 16.8    | 8.80 | 4.80 | 1193 | 1159 |     |
|                | 0    | 5.01              | 8.42 | 15.0 | 26.9 | 45.6 | 68.9 | 90.6 | 105              | 114  | 119  | 109  | 93.8 | 72.9 | 49.7 | 29.8 | 16.2    | 8.51 | 4.66 | 982  | 947  |     |
|                | -5   | 4.37              | 7.03 | 11.7 | 19.5 | 30.1 | 40.5 | 48.6 | 56.4             | 61.4 | 62.2 | 59.0 | 51.0 | 42.6 | 32.4 | 21.2 | 12.5    | 7.03 | 4.06 | 572  | 531  |     |
|                | -10  | 3.65              | 5.55 | 8.50 | 12.6 | 17.0 | 21.8 | 27.2 | 29.5             | 31.9 | 32.0 | 29.8 | 28.0 | 22.4 | 17.7 | 13.3 | 8.80    | 5.47 | 3.38 | 319  | 258  |     |
|                | -15  | 2.94              | 4.20 | 5.86 | 7.83 | 10.5 | 13.5 | 15.3 | 16.5             | 17.7 | 17.7 | 16.5 | 15.4 | 13.7 | 10.6 | 7.91 | 5.88    | 4.08 | 2.72 | 189  | 64.6 |     |
|                | -20  | 2.31              | 3.09 | 4.07 | 5.46 | 7.03 | 8.34 | 8.99 | 10.0             | 10.4 | 10.4 | 9.94 | 8.90 | 8.32 | 7.02 | 5.43 | 4.02    | 2.99 | 2.14 | 119  | 0.00 |     |
|                | -25  | 1.77              | 2.30 | 3.04 | 3.90 | 4.73 | 5.30 | 5.78 | 6.38             | 6.51 | 6.49 | 6.32 | 5.69 | 5.22 | 4.68 | 3.84 | 2.98    | 2.24 | 1.67 | 78.9 | 0.00 |     |
|                | -30  | 1.36              | 1.79 | 2.29 | 2.81 | 3.26 | 3.56 | 3.97 | 4.27             | 4.33 | 4.32 | 4.23 | 3.90 | 3.48 | 3.19 | 2.74 | 2.23    | 1.74 | 1.30 | 54.8 | 0.00 |     |
| -35            | 1.08 | 1.38              | 1.72 | 2.04 | 2.30 | 2.52 | 2.79 | 2.95 | 2.97             | 2.96 | 2.91 | 2.74 | 2.46 | 2.23 | 1.98 | 1.67 | 1.33    | 1.04 | 39.1 | 0.00 |      |     |
| -40            | 0.86 | 1.07              | 1.28 | 1.49 | 1.65 | 1.82 | 1.97 | 2.05 | 2.05             | 2.05 | 2.03 | 1.93 | 1.77 | 1.60 | 1.44 | 1.24 | 1.03    | 0.82 | 28.1 | 0.00 |      |     |
| -45            | -45  | -40               | -35  | -30  | -25  | -20  | -15  | -10  | HORIZONTAL (DEG) |      |      |      | 10   | 15   | 20   | 25   | 30      | 35   | 40   | 45   |      |     |
| F t            | 53.0 | 79.6              | 123  | 191  | 289  | 410  | 534  | 623  | 671              | 670  | 625  | 544  | 426  | 304  | 201  | 126  | 78.3    | 49.5 | 5997 | ---  |      |     |
| F a            | 0.00 | 0.00              | 31.4 | 118  | 221  | 345  | 469  | 558  | 606              | 605  | 560  | 479  | 362  | 237  | 133  | 40.8 | 0.00    | 0.00 | ---  | 4765 |      |     |

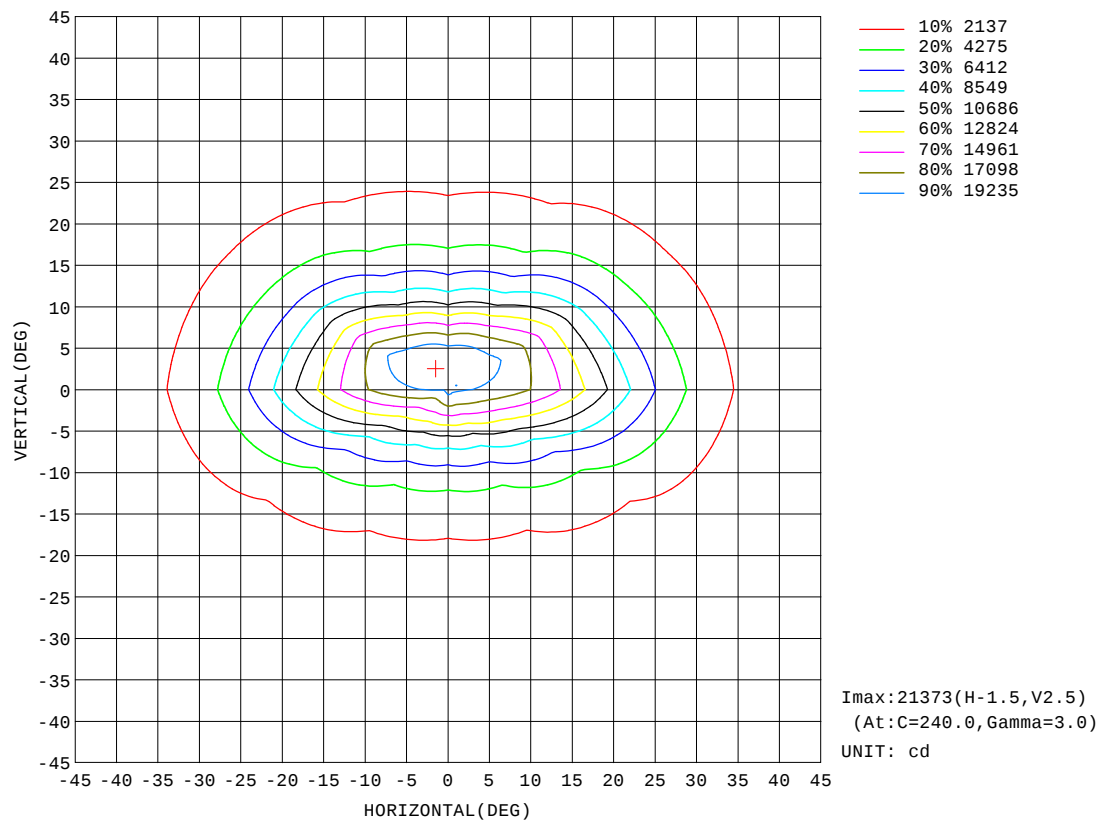
one-half-peak spread: U:8.1,D:7.8 , L:19.7,R:20.0 Beam Type: Type 4 x 3 (H x V)

H<sub>b</sub> Range: -90 - 90DEG  
H<sub>b</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-07-01

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:DecoBody-945mm-RGBW A11-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |

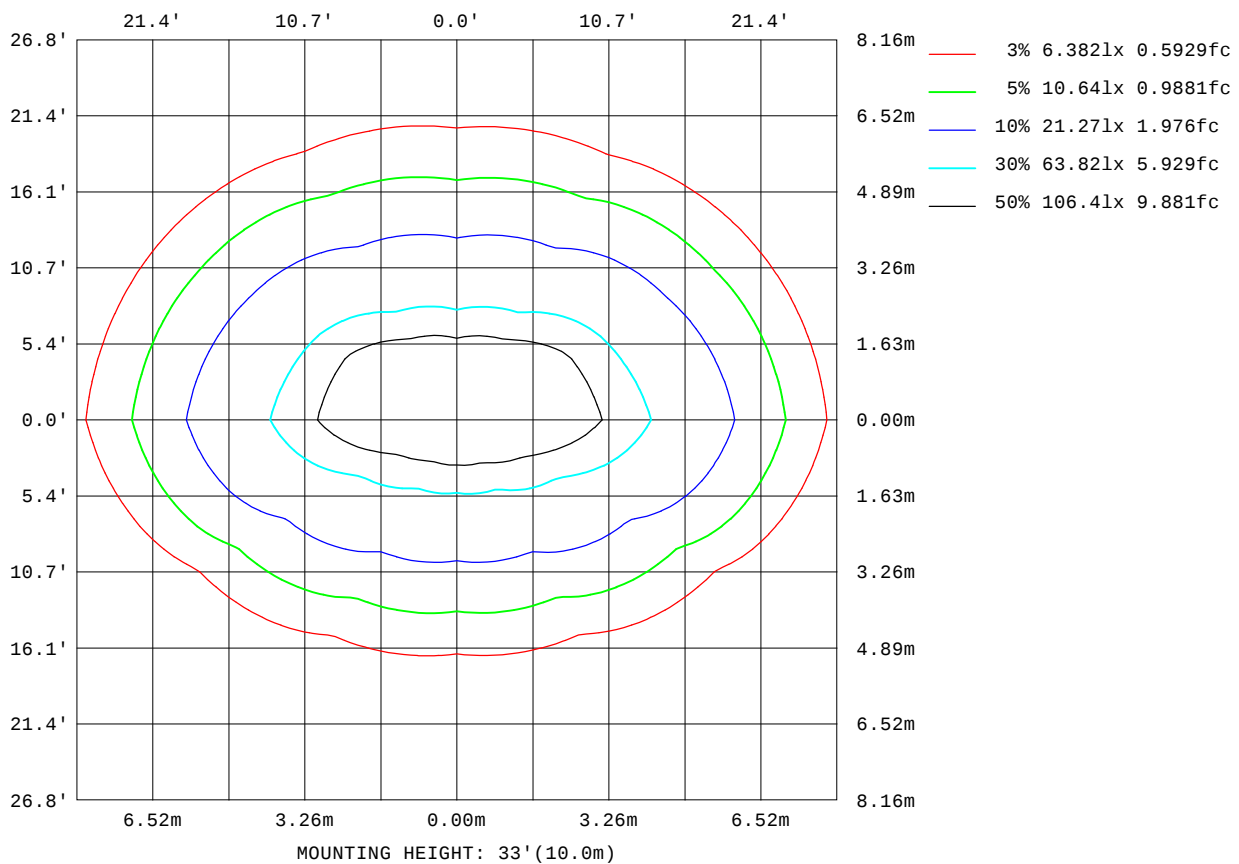


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:Fan  
Test Date:2023-07-01

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

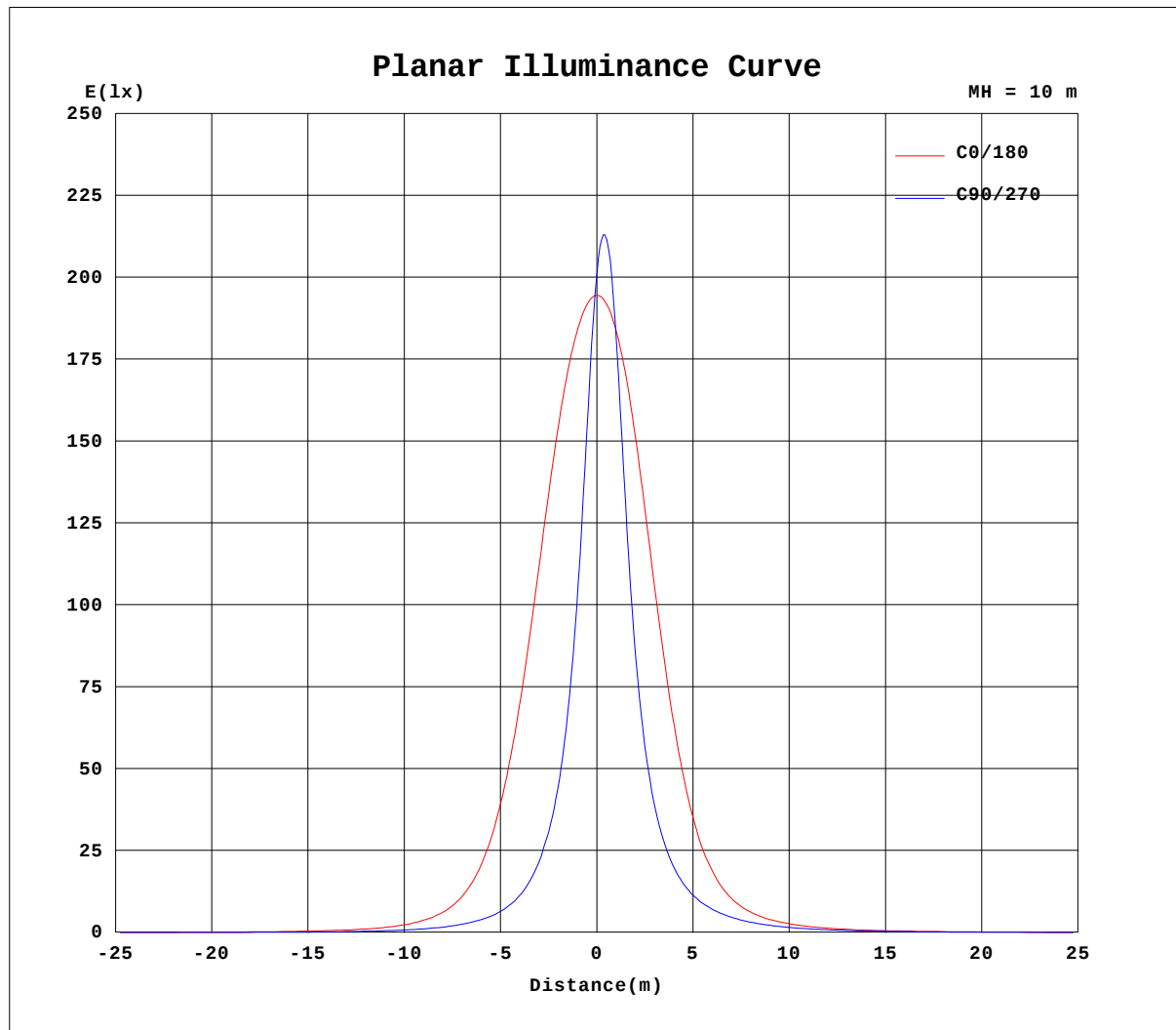
|                                         |                   |                      |
|-----------------------------------------|-------------------|----------------------|
| NAME:DecoBody-945mm-RGBW A11-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| 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: 2023-07-01

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

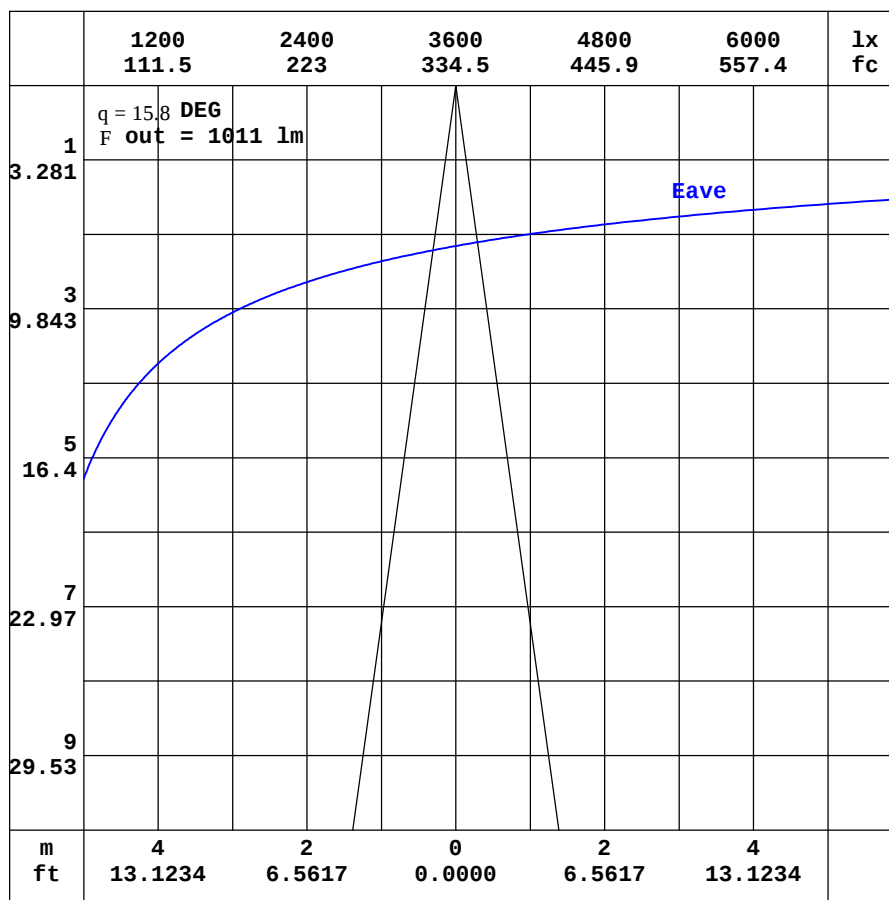


H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators: Fan  
Test Date: 2023-07-01

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:DecoBody-945mm-RGBW All-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| 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:2023-07-01

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:DecoBody-945mm-RGBW All-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| 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        | 2.78 | 2.55 | 2.41 | 2.37 | 2.44 | 2.63 | 2.93 | 3.30 | 3.72 | 4.12 | 4.44 | 4.67 | 4.77 | 4.74 | 4.61 | 4.43 | 4.27 | 4.16 | 4.46 |
| -170        | 2.78 | 2.51 | 2.33 | 2.25 | 2.26 | 2.36 | 2.54 | 2.76 | 3.02 | 3.26 | 3.47 | 3.64 | 3.74 | 3.77 | 3.71 | 3.71 | 3.99 | 4.26 | 4.65 |
| -160        | 2.78 | 2.47 | 2.26 | 2.13 | 2.08 | 2.08 | 2.13 | 2.20 | 2.28 | 2.36 | 2.42 | 2.47 | 2.56 | 2.97 | 3.37 | 3.76 | 4.12 | 4.28 | 4.39 |
| -150        | 2.78 | 2.44 | 2.19 | 2.02 | 1.91 | 1.83 | 1.76 | 1.70 | 1.62 | 1.52 | 1.46 | 1.70 | 1.98 | 2.30 | 2.62 | 2.92 | 3.15 | 3.31 | 3.37 |
| -140        | 2.78 | 2.42 | 2.14 | 1.94 | 1.77 | 1.63 | 1.48 | 1.32 | 1.12 | 1.05 | 1.11 | 1.20 | 1.33 | 1.49 | 1.66 | 1.83 | 1.96 | 2.05 | 2.07 |
| -130        | 2.78 | 2.41 | 2.11 | 1.87 | 1.66 | 1.48 | 1.29 | 1.08 | 0.97 | 0.94 | 0.91 | 0.89 | 0.89 | 0.90 | 0.94 | 0.99 | 1.02 | 1.04 | 1.03 |
| -120        | 2.78 | 2.41 | 2.09 | 1.82 | 1.59 | 1.38 | 1.17 | 1.00 | 0.99 | 0.96 | 0.92 | 0.87 | 0.82 | 0.77 | 0.74 | 0.72 | 0.70 | 0.68 | 0.66 |
| -110        | 2.78 | 2.41 | 2.09 | 1.80 | 1.54 | 1.30 | 1.08 | 1.02 | 1.02 | 1.02 | 1.01 | 1.00 | 0.97 | 0.96 | 0.95 | 0.94 | 0.94 | 0.94 | 0.94 |
| -100        | 2.78 | 2.43 | 2.11 | 1.80 | 1.51 | 1.24 | 0.98 | 0.98 | 1.00 | 1.02 | 1.04 | 1.05 | 1.06 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.13 |
| -90         | 2.78 | 2.46 | 2.15 | 1.83 | 1.51 | 1.20 | 0.88 | 0.89 | 0.91 | 0.93 | 0.94 | 0.96 | 0.98 | 0.99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 |
| -80         | 2.78 | 2.51 | 2.21 | 1.91 | 1.61 | 1.32 | 1.03 | 1.08 | 1.15 | 1.22 | 1.27 | 1.31 | 1.33 | 1.37 | 1.41 | 1.43 | 1.44 | 1.43 | 1.42 |
| -70         | 2.78 | 2.56 | 2.36 | 2.26 | 2.23 | 2.19 | 2.11 | 2.29 | 2.61 | 2.89 | 3.14 | 3.33 | 3.46 | 3.62 | 3.78 | 3.90 | 3.96 | 3.96 | 3.91 |
| -60         | 2.78 | 2.63 | 2.67 | 2.95 | 3.31 | 3.66 | 3.94 | 4.28 | 5.02 | 5.72 | 6.33 | 6.82 | 7.17 | 7.50 | 7.94 | 8.26 | 8.42 | 8.43 | 8.30 |
| -50         | 2.78 | 2.74 | 3.11 | 3.84 | 4.72 | 5.63 | 6.53 | 7.30 | 8.42 | 9.85 | 11.2 | 12.4 | 13.4 | 14.1 | 15.0 | 15.8 | 16.2 | 16.2 | 15.8 |
| -40         | 2.78 | 2.87 | 3.62 | 4.88 | 6.36 | 8.06 | 9.88 | 11.7 | 13.4 | 15.6 | 18.6 | 21.5 | 24.5 | 26.7 | 28.1 | 30.5 | 32.1 | 32.6 | 31.9 |
| -30         | 2.78 | 3.02 | 4.14 | 5.92 | 8.14 | 10.8 | 13.9 | 17.4 | 21.3 | 25.2 | 30.0 | 37.1 | 44.8 | 52.3 | 57.6 | 60.4 | 66.5 | 69.3 | 67.6 |
| -20         | 2.78 | 3.15 | 4.63 | 6.91 | 9.89 | 13.6 | 18.3 | 24.3 | 31.5 | 40.8 | 52.5 | 66.9 | 82.8 | 108  | 134  | 153  | 157  | 174  | 171  |
| -10         | 2.78 | 3.27 | 5.03 | 7.73 | 11.4 | 16.2 | 22.5 | 31.2 | 42.8 | 59.5 | 85.0 | 126  | 192  | 280  | 363  | 426  | 520  | 538  | 566  |
| 0           | 2.78 | 3.36 | 5.30 | 8.30 | 12.5 | 18.1 | 25.6 | 36.7 | 52.1 | 75.8 | 116  | 190  | 332  | 581  | 938  | 1342 | 1687 | 1886 | 1945 |
| 10          | 2.78 | 3.35 | 5.23 | 8.13 | 12.1 | 17.4 | 24.4 | 34.2 | 47.6 | 67.1 | 97.9 | 149  | 235  | 373  | 575  | 849  | 1058 | 1125 | 1101 |
| 20          | 2.78 | 3.30 | 5.02 | 7.67 | 11.2 | 15.8 | 21.7 | 29.6 | 39.6 | 53.2 | 72.2 | 98.9 | 135  | 182  | 235  | 278  | 295  | 319  | 302  |
| 30          | 2.78 | 3.23 | 4.69 | 6.97 | 9.92 | 13.6 | 18.3 | 23.9 | 30.8 | 39.2 | 49.6 | 61.9 | 76.1 | 90.8 | 103  | 112  | 122  | 126  | 122  |
| 40          | 2.78 | 3.13 | 4.29 | 6.11 | 8.39 | 11.2 | 14.6 | 18.4 | 22.8 | 27.6 | 33.0 | 38.6 | 44.3 | 49.6 | 53.7 | 58.1 | 61.0 | 62.1 | 60.9 |
| 50          | 2.78 | 3.04 | 3.84 | 5.17 | 6.83 | 8.77 | 11.0 | 13.5 | 16.1 | 18.7 | 21.4 | 24.0 | 26.4 | 28.8 | 30.8 | 32.2 | 33.2 | 33.3 | 32.7 |
| 60          | 2.78 | 2.95 | 3.43 | 4.27 | 5.34 | 6.56 | 7.91 | 9.32 | 10.7 | 12.1 | 13.5 | 14.7 | 15.8 | 16.8 | 17.6 | 18.3 | 18.6 | 18.7 | 18.5 |
| 70          | 2.78 | 2.89 | 3.10 | 3.51 | 4.06 | 4.71 | 5.42 | 6.11 | 6.79 | 7.46 | 8.07 | 8.63 | 9.10 | 9.50 | 9.82 | 10.0 | 10.2 | 10.2 | 10.1 |
| 80          | 2.78 | 2.84 | 2.91 | 3.01 | 3.17 | 3.38 | 3.62 | 3.85 | 4.08 | 4.30 | 4.52 | 4.72 | 4.90 | 5.02 | 5.11 | 5.17 | 5.21 | 5.21 | 5.19 |
| 90          | 2.78 | 2.79 | 2.80 | 2.81 | 2.82 | 2.83 | 2.84 | 2.83 | 2.83 | 2.82 | 2.82 | 2.82 | 2.81 | 2.80 | 2.79 | 2.78 | 2.77 | 2.76 | 2.75 |
| 100         | 2.78 | 2.74 | 2.71 | 2.67 | 2.64 | 2.61 | 2.58 | 2.54 | 2.50 | 2.46 | 2.42 | 2.38 | 2.34 | 2.31 | 2.28 | 2.25 | 2.23 | 2.21 | 2.20 |
| 110         | 2.78 | 2.70 | 2.63 | 2.56 | 2.50 | 2.44 | 2.38 | 2.32 | 2.26 | 2.21 | 2.16 | 2.12 | 2.07 | 2.05 | 2.04 | 2.02 | 2.01 | 2.00 | 2.00 |
| 120         | 2.78 | 2.66 | 2.56 | 2.47 | 2.39 | 2.33 | 2.27 | 2.23 | 2.20 | 2.17 | 2.16 | 2.14 | 2.11 | 2.09 | 2.09 | 2.09 | 2.08 | 2.05 | 2.02 |
| 130         | 2.78 | 2.63 | 2.50 | 2.41 | 2.33 | 2.29 | 2.27 | 2.28 | 2.32 | 2.37 | 2.42 | 2.49 | 2.55 | 2.61 | 2.70 | 2.78 | 2.83 | 2.84 | 2.80 |
| 140         | 2.78 | 2.60 | 2.46 | 2.37 | 2.32 | 2.31 | 2.36 | 2.47 | 2.61 | 2.79 | 2.97 | 3.19 | 3.42 | 3.67 | 3.91 | 4.17 | 4.38 | 4.54 | 4.62 |
| 150         | 2.78 | 2.58 | 2.43 | 2.35 | 2.33 | 2.38 | 2.52 | 2.72 | 2.98 | 3.29 | 3.63 | 3.98 | 4.33 | 4.66 | 4.94 | 5.17 | 5.34 | 5.44 | 5.50 |
| 160         | 2.78 | 2.56 | 2.42 | 2.35 | 2.37 | 2.48 | 2.69 | 2.98 | 3.34 | 3.73 | 4.13 | 4.53 | 4.91 | 5.20 | 5.40 | 5.55 | 5.69 | 5.76 | 5.82 |
| 170         | 2.78 | 2.55 | 2.41 | 2.36 | 2.41 | 2.57 | 2.84 | 3.19 | 3.59 | 4.01 | 4.39 | 4.73 | 5.00 | 5.17 | 5.27 | 5.25 | 5.27 | 5.45 | 5.71 |
| 180         | 2.78 | 2.55 | 2.41 | 2.37 | 2.44 | 2.63 | 2.93 | 3.30 | 3.72 | 4.12 | 4.44 | 4.67 | 4.77 | 4.74 | 4.61 | 4.43 | 4.27 | 4.16 | 4.46 |

H<sub>(b)</sub> Range: -90 - 90DEG  
 H<sub>(b)</sub> Interval: 0.5DEG  
 Test Speed: LOW  
 Temperature: 25.3DEG  
 Operators: Fan  
 Test Date: 2023-07-01

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:DecoBody-945mm-RGBW All-1540D-Rev1 | TYPE:RGBW W=3000K | WEIGHT:              |
| SPEC.:15x40 DEG                         | DIM.:945mm        | SERIAL No.:IES001226 |
| MFR.:                                   | SUR.:             | Shielding Angle:     |

**Table--2**
**UNIT: ×10cd**

| H(°) \ V(°) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180        | 3.75 | 3.52 | 3.31 | 3.10 | 2.85 | 2.55 | 2.23 | 1.92 | 1.64 | 1.43 | 1.27 | 1.16 | 1.10 | 1.07 | 1.05 | 1.01 | 0.95 | 0.85 |
| -170        | 4.47 | 4.14 | 3.87 | 3.57 | 3.17 | 2.75 | 2.33 | 1.95 | 1.64 | 1.40 | 1.24 | 1.14 | 1.09 | 1.07 | 1.05 | 1.02 | 0.95 | 0.85 |
| -160        | 4.30 | 4.14 | 3.80 | 3.41 | 3.01 | 2.60 | 2.18 | 1.81 | 1.52 | 1.31 | 1.18 | 1.11 | 1.08 | 1.06 | 1.05 | 1.01 | 0.95 | 0.85 |
| -150        | 3.32 | 3.18 | 2.97 | 2.68 | 2.36 | 2.05 | 1.76 | 1.53 | 1.33 | 1.20 | 1.12 | 1.08 | 1.07 | 1.06 | 1.04 | 1.01 | 0.94 | 0.85 |
| -140        | 2.07 | 2.00 | 1.89 | 1.75 | 1.58 | 1.42 | 1.28 | 1.19 | 1.13 | 1.10 | 1.07 | 1.07 | 1.06 | 1.05 | 1.04 | 1.00 | 0.93 | 0.85 |
| -130        | 1.06 | 1.06 | 1.05 | 1.02 | 0.99 | 0.98 | 0.98 | 0.99 | 1.02 | 1.04 | 1.06 | 1.06 | 1.06 | 1.05 | 1.03 | 0.98 | 0.92 | 0.85 |
| -120        | 0.70 | 0.73 | 0.77 | 0.81 | 0.85 | 0.90 | 0.95 | 0.99 | 1.03 | 1.05 | 1.06 | 1.06 | 1.06 | 1.04 | 1.01 | 0.97 | 0.91 | 0.85 |
| -110        | 0.95 | 0.97 | 0.99 | 1.02 | 1.04 | 1.07 | 1.08 | 1.09 | 1.09 | 1.09 | 1.07 | 1.06 | 1.04 | 1.01 | 0.98 | 0.94 | 0.89 | 0.85 |
| -100        | 1.13 | 1.14 | 1.14 | 1.15 | 1.15 | 1.15 | 1.13 | 1.11 | 1.09 | 1.07 | 1.04 | 1.01 | 0.99 | 0.97 | 0.94 | 0.91 | 0.88 | 0.85 |
| -90         | 1.03 | 1.03 | 1.02 | 1.01 | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 | 0.94 | 0.92 | 0.91 | 0.90 | 0.88 | 0.87 | 0.86 | 0.85 |
| -80         | 1.43 | 1.42 | 1.40 | 1.37 | 1.33 | 1.28 | 1.27 | 1.25 | 1.21 | 1.16 | 1.10 | 1.04 | 1.00 | 0.95 | 0.90 | 0.86 | 0.84 | 0.85 |
| -70         | 3.93 | 3.89 | 3.80 | 3.66 | 3.48 | 3.31 | 3.19 | 3.02 | 2.79 | 2.53 | 2.24 | 1.96 | 1.70 | 1.43 | 1.18 | 0.98 | 0.85 | 0.85 |
| -60         | 8.37 | 8.29 | 8.06 | 7.69 | 7.21 | 6.87 | 6.52 | 6.04 | 5.47 | 4.81 | 4.12 | 3.47 | 2.84 | 2.24 | 1.68 | 1.20 | 0.90 | 0.85 |
| -50         | 16.1 | 16.0 | 15.4 | 14.6 | 13.6 | 12.8 | 11.9 | 10.7 | 9.40 | 8.03 | 6.75 | 5.54 | 4.36 | 3.26 | 2.31 | 1.50 | 0.97 | 0.85 |
| -40         | 32.4 | 31.6 | 29.8 | 27.3 | 25.9 | 23.7 | 20.8 | 17.8 | 15.0 | 12.5 | 10.3 | 8.10 | 6.16 | 4.44 | 2.99 | 1.84 | 1.05 | 0.85 |
| -30         | 68.8 | 65.6 | 59.2 | 56.6 | 51.4 | 43.9 | 36.1 | 29.1 | 23.4 | 18.8 | 14.7 | 11.1 | 8.12 | 5.66 | 3.67 | 2.17 | 1.13 | 0.85 |
| -20         | 174  | 156  | 153  | 135  | 108  | 82.4 | 65.8 | 49.7 | 36.8 | 26.9 | 19.7 | 14.3 | 10.0 | 6.79 | 4.28 | 2.45 | 1.20 | 0.85 |
| -10         | 543  | 540  | 443  | 381  | 299  | 204  | 129  | 81.5 | 53.1 | 35.7 | 24.7 | 17.2 | 11.7 | 7.71 | 4.74 | 2.64 | 1.25 | 0.85 |
| 0           | 1885 | 1707 | 1399 | 1012 | 644  | 370  | 200  | 112  | 67.0 | 42.6 | 28.2 | 19.1 | 12.7 | 8.24 | 5.00 | 2.74 | 1.27 | 0.85 |
| 10          | 1117 | 1067 | 881  | 606  | 397  | 248  | 151  | 93.8 | 60.3 | 40.2 | 27.5 | 19.0 | 12.8 | 8.37 | 5.12 | 2.83 | 1.32 | 0.85 |
| 20          | 316  | 290  | 279  | 237  | 182  | 133  | 96.7 | 68.3 | 48.4 | 34.5 | 24.7 | 17.6 | 12.1 | 8.03 | 4.99 | 2.81 | 1.34 | 0.85 |
| 30          | 125  | 120  | 108  | 100  | 88.2 | 73.7 | 59.7 | 47.5 | 36.6 | 27.7 | 20.8 | 15.3 | 10.8 | 7.32 | 4.65 | 2.69 | 1.33 | 0.85 |
| 40          | 61.4 | 59.7 | 56.4 | 51.6 | 47.7 | 42.5 | 37.0 | 31.4 | 26.2 | 21.3 | 16.6 | 12.5 | 9.09 | 6.34 | 4.14 | 2.46 | 1.30 | 0.85 |
| 50          | 33.0 | 32.6 | 31.4 | 29.8 | 27.6 | 25.3 | 22.9 | 20.4 | 17.8 | 15.3 | 12.4 | 9.69 | 7.28 | 5.23 | 3.55 | 2.19 | 1.25 | 0.85 |
| 60          | 18.6 | 18.3 | 17.8 | 17.1 | 16.1 | 15.2 | 14.1 | 12.9 | 11.5 | 10.2 | 8.84 | 7.17 | 5.55 | 4.14 | 2.91 | 1.92 | 1.20 | 0.85 |
| 70          | 10.1 | 10.0 | 9.84 | 9.57 | 9.21 | 8.77 | 8.29 | 7.72 | 7.11 | 6.47 | 5.81 | 5.05 | 4.06 | 3.14 | 2.34 | 1.68 | 1.16 | 0.85 |
| 80          | 5.17 | 5.13 | 5.06 | 4.96 | 4.84 | 4.69 | 4.52 | 4.34 | 4.13 | 3.92 | 3.70 | 3.47 | 2.92 | 2.41 | 1.94 | 1.51 | 1.15 | 0.85 |
| 90          | 2.74 | 2.74 | 2.73 | 2.73 | 2.72 | 2.72 | 2.72 | 2.73 | 2.73 | 2.73 | 2.74 | 2.74 | 2.43 | 2.11 | 1.79 | 1.48 | 1.16 | 0.85 |
| 100         | 2.20 | 2.21 | 2.22 | 2.23 | 2.25 | 2.27 | 2.30 | 2.34 | 2.37 | 2.41 | 2.45 | 2.47 | 2.24 | 2.00 | 1.74 | 1.46 | 1.16 | 0.85 |
| 110         | 2.00 | 2.01 | 2.01 | 2.02 | 2.02 | 2.04 | 2.07 | 2.11 | 2.15 | 2.19 | 2.25 | 2.24 | 2.07 | 1.88 | 1.67 | 1.43 | 1.16 | 0.85 |
| 120         | 2.06 | 2.08 | 2.10 | 2.10 | 2.10 | 2.11 | 2.12 | 2.12 | 2.13 | 2.14 | 2.16 | 2.06 | 1.91 | 1.76 | 1.59 | 1.39 | 1.15 | 0.85 |
| 130         | 2.85 | 2.84 | 2.80 | 2.73 | 2.64 | 2.57 | 2.48 | 2.41 | 2.34 | 2.27 | 2.14 | 1.94 | 1.79 | 1.65 | 1.51 | 1.34 | 1.13 | 0.85 |
| 140         | 4.55 | 4.42 | 4.21 | 3.96 | 3.70 | 3.44 | 3.19 | 2.96 | 2.75 | 2.47 | 2.12 | 1.86 | 1.68 | 1.54 | 1.43 | 1.29 | 1.10 | 0.85 |
| 150         | 5.46 | 5.38 | 5.23 | 4.99 | 4.68 | 4.32 | 3.95 | 3.60 | 3.01 | 2.48 | 2.07 | 1.77 | 1.57 | 1.44 | 1.34 | 1.22 | 1.07 | 0.85 |
| 160         | 5.81 | 5.76 | 5.62 | 5.44 | 5.19 | 4.87 | 4.16 | 3.45 | 2.83 | 2.31 | 1.91 | 1.63 | 1.44 | 1.32 | 1.24 | 1.16 | 1.03 | 0.85 |
| 170         | 5.70 | 5.58 | 5.53 | 5.13 | 4.55 | 3.97 | 3.38 | 2.84 | 2.35 | 1.95 | 1.64 | 1.42 | 1.28 | 1.20 | 1.15 | 1.09 | 0.99 | 0.85 |
| 180         | 3.75 | 3.52 | 3.31 | 3.10 | 2.85 | 2.55 | 2.23 | 1.92 | 1.64 | 1.43 | 1.27 | 1.16 | 1.10 | 1.07 | 1.05 | 1.01 | 0.95 | 0.85 |

**H<sub>(b)</sub> Range: -90 - 90DEG**  
**H<sub>(b)</sub> Interval: 0.5DEG**  
**Test Speed: LOW**  
**Temperature:25.3DEG**  
**Operators:Fan**  
**Test Date:2023-07-01**

**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:**