

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

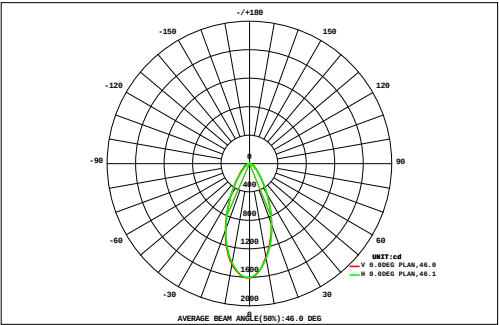
|                                                         |                |                                                                      |
|---------------------------------------------------------|----------------|----------------------------------------------------------------------|
| Maximum Intensity<br>(Luminaire orientation as tested.) |                | 1200.5 cd per klm.<br>0.0 degrees vertical<br>0.0 degrees horizontal |
| Beam Spread                                             | At 10% of Imax | 90.6V x 92.6H                                                        |
|                                                         | At 50% of Imax | 46.1V x 45.9H                                                        |
|                                                         | At 90% of Imax | 16.4V x 16.7H                                                        |
| Beam Flux                                               | Total          | 999.9 lumens per klm.                                                |
|                                                         | To 10% of Imax | 821.8 lumens per klm.                                                |
|                                                         | To 50% of Imax | 427.2 lumens per klm.                                                |
|                                                         | To 90% of Imax | 73.5 lumens per klm.                                                 |
| Upward LOR                                              |                | 2.4 %                                                                |
| Downward LOR                                            |                | 97.6 %                                                               |
| 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:  
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | Shielding Angle:     |



| DATA OF LAMP     |      | Eff:65.04lm/W   |          |
|------------------|------|-----------------|----------|
| MODEL            |      | Imax(cd)        | 1609     |
| NOMINAL POWER(W) | 20.6 | AVAILABILITY(%) | 82.1     |
| RATED VOLTAGE(V) | 24   | Avai. FLUX(lm)  | 1100     |
| NOMINAL FLUX(lm) | 1340 | LOR(%)          | 100.0    |
| LAMPS INSIDE     | 1    | TOTAL FLUX(lm)  | 1340     |
| TEST VOLTAGE(V)  | 24   | q @50%(H,V)     | 46,46DEG |

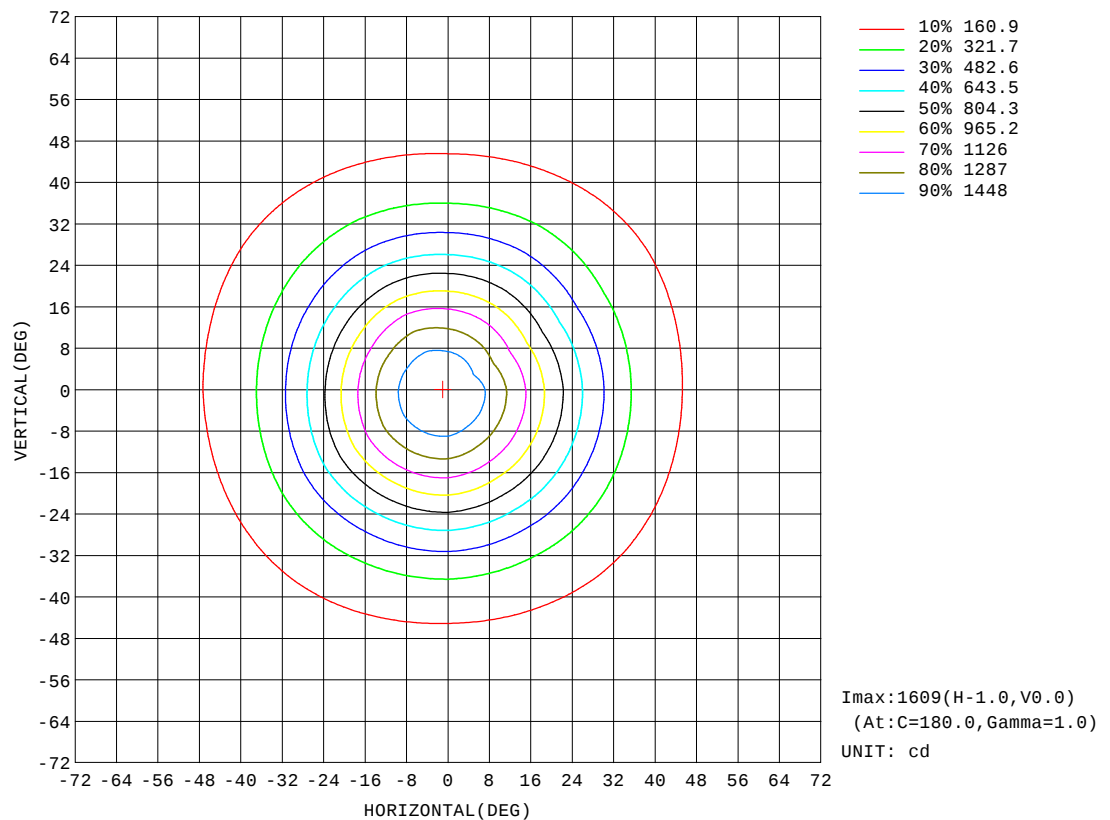
|                |      | AREA FLUX DIAGRAM |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      | UNIT:lm |      |      |      | F t | F a |
|----------------|------|-------------------|------|------|------|------|------|------|-----------------|------|------|------|------|------|------|------|------|---------|------|------|------|-----|-----|
| VERTICAL (DEG) | 72   | 0.09              | 0.17 | 0.28 | 0.38 | 0.49 | 0.58 | 0.66 | 0.72            | 0.73 | 0.73 | 0.70 | 0.65 | 0.57 | 0.48 | 0.38 | 0.27 | 0.17    | 0.08 | 8.13 | 0.00 |     |     |
|                | 64   | 0.14              | 0.27 | 0.43 | 0.60 | 0.78 | 0.94 | 1.09 | 1.19            | 1.23 | 1.22 | 1.17 | 1.05 | 0.91 | 0.75 | 0.58 | 0.42 | 0.26    | 0.13 | 13.1 | 0.00 |     |     |
|                | 56   | 0.19              | 0.36 | 0.59 | 0.85 | 1.13 | 1.42 | 1.71 | 1.92            | 2.02 | 2.00 | 1.87 | 1.64 | 1.35 | 1.08 | 0.81 | 0.57 | 0.34    | 0.17 | 20.0 | 0.00 |     |     |
|                | 48   | 0.23              | 0.46 | 0.76 | 1.13 | 1.59 | 2.14 | 2.73 | 3.24            | 3.51 | 3.47 | 3.14 | 2.59 | 2.02 | 1.50 | 1.07 | 0.72 | 0.43    | 0.21 | 30.9 | 10.6 |     |     |
|                | 40   | 0.28              | 0.55 | 0.94 | 1.47 | 2.21 | 3.22 | 4.46 | 5.62            | 6.25 | 6.17 | 5.39 | 4.19 | 3.01 | 2.06 | 1.38 | 0.87 | 0.50    | 0.25 | 48.8 | 37.6 |     |     |
|                | 32   | 0.32              | 0.63 | 1.11 | 1.84 | 3.01 | 4.79 | 7.19 | 9.58            | 10.9 | 10.7 | 9.08 | 6.65 | 4.38 | 2.77 | 1.70 | 1.01 | 0.57    | 0.28 | 76.6 | 68.3 |     |     |
|                | 24   | 0.35              | 0.71 | 1.27 | 2.23 | 3.93 | 6.79 | 10.9 | 15.2            | 17.7 | 17.2 | 14.2 | 9.89 | 6.05 | 3.54 | 2.02 | 1.13 | 0.62    | 0.30 | 114  | 107  |     |     |
|                |      | 0.37              | 0.76 | 1.41 | 2.57 | 4.82 | 8.86 | 14.8 | 21.0            | 24.6 | 23.7 | 19.2 | 13.2 | 7.93 | 4.31 | 2.31 | 1.23 | 0.65    | 0.31 | 152  | 146  |     |     |
|                |      | 0.38              | 0.79 | 1.48 | 2.77 | 5.42 | 10.3 | 17.6 | 24.9            | 29.4 | 28.2 | 22.7 | 15.9 | 9.40 | 4.84 | 2.47 | 1.28 | 0.67    | 0.32 | 179  | 173  |     |     |
|                |      | 0.38              | 0.79 | 1.47 | 2.77 | 5.46 | 10.5 | 17.9 | 25.4            | 29.7 | 29.0 | 23.4 | 16.3 | 9.56 | 4.87 | 2.46 | 1.26 | 0.66    | 0.32 | 182  | 176  |     |     |
|                |      | 0.36              | 0.74 | 1.37 | 2.54 | 4.90 | 9.27 | 15.7 | 21.9            | 25.5 | 24.8 | 20.3 | 14.1 | 8.32 | 4.36 | 2.27 | 1.20 | 0.64    | 0.31 | 159  | 152  |     |     |
|                | -24  | 0.33              | 0.67 | 1.22 | 2.16 | 3.95 | 7.13 | 11.5 | 16.0            | 18.7 | 18.3 | 14.9 | 10.5 | 6.36 | 3.52 | 1.95 | 1.08 | 0.59    | 0.29 | 119  | 112  |     |     |
| -32            | 0.30 | 0.59              | 1.03 | 1.73 | 2.92 | 4.87 | 7.43 | 10.0 | 11.7            | 11.5 | 9.48 | 6.84 | 4.40 | 2.66 | 1.59 | 0.94 | 0.53 | 0.26    | 78.8 | 70.4 |      |     |     |
| -40            | 0.26 | 0.50              | 0.84 | 1.33 | 2.07 | 3.14 | 4.46 | 5.72 | 6.52            | 6.42 | 5.47 | 4.15 | 2.90 | 1.93 | 1.26 | 0.79 | 0.46 | 0.23    | 48.4 | 37.3 |      |     |     |
| -48            | 0.21 | 0.40              | 0.66 | 1.00 | 1.43 | 1.97 | 2.60 | 3.15 | 3.46            | 3.42 | 3.04 | 2.45 | 1.86 | 1.36 | 0.96 | 0.64 | 0.38 | 0.19    | 29.2 | 9.46 |      |     |     |
| -56            | 0.16 | 0.31              | 0.50 | 0.72 | 0.97 | 1.24 | 1.52 | 1.75 | 1.87            | 1.86 | 1.71 | 1.46 | 1.19 | 0.94 | 0.70 | 0.49 | 0.30 | 0.15    | 17.8 | 0.00 |      |     |     |
| -64            | 0.12 | 0.22              | 0.35 | 0.49 | 0.64 | 0.78 | 0.91 | 1.02 | 1.07            | 1.06 | 1.00 | 0.89 | 0.76 | 0.63 | 0.49 | 0.35 | 0.22 | 0.11    | 11.1 | 0.00 |      |     |     |
| -72            | 0.07 | 0.13              | 0.21 | 0.30 | 0.38 | 0.45 | 0.52 | 0.57 | 0.59            | 0.59 | 0.57 | 0.52 | 0.45 | 0.38 | 0.30 | 0.22 | 0.13 | 0.07    | 6.44 | 0.00 |      |     |     |
|                | -72  | -64               | -56  | -48  | -40  | -32  | -24  | -16  | HORIZONTAL(DEG) |      |      |      | 16   | 24   | 32   | 40   | 48   | 56      | 64   | 72   |      |     |     |
| F t            | 4.54 | 9.07              | 15.9 | 26.9 | 46.1 | 78.4 | 124  | 169  | 196             | 190  | 157  | 113  | 71.4 | 42.0 | 24.7 | 14.5 | 8.11 | 3.97    | 1294 | ---  |      |     |     |
| F a            | 0.00 | 0.00              | 0.00 | 11.2 | 34.3 | 67.8 | 114  | 159  | 186             | 181  | 148  | 103  | 60.5 | 29.4 | 7.01 | 0.00 | 0.00 | 0.00    | ---  | 1100 |      |     |     |

one-half-peak spread: U:23.9,D:22.6 , L:22.9,R:23.4 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:  
Test Date:2024-10-25  
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 Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | Shielding Angle:     |

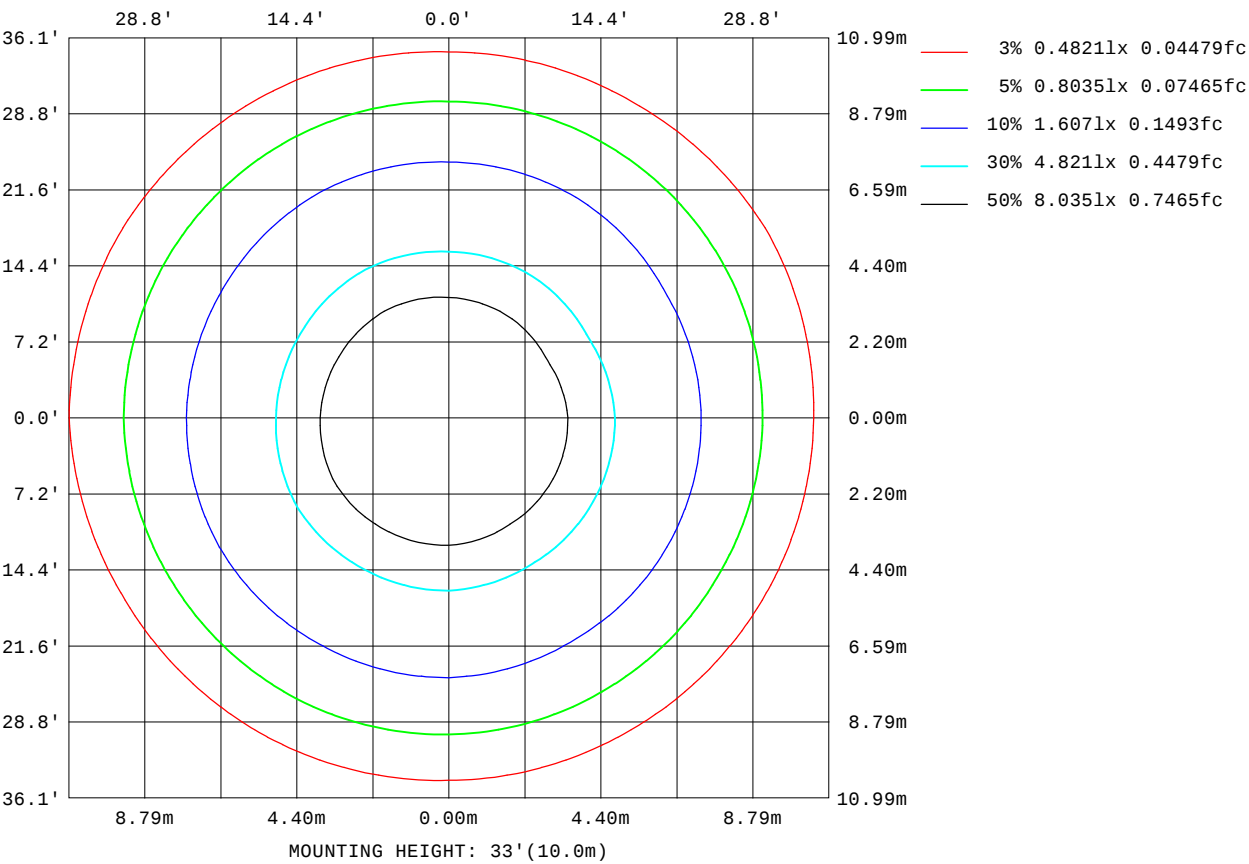


H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:  
Test Date:2024-10-25

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

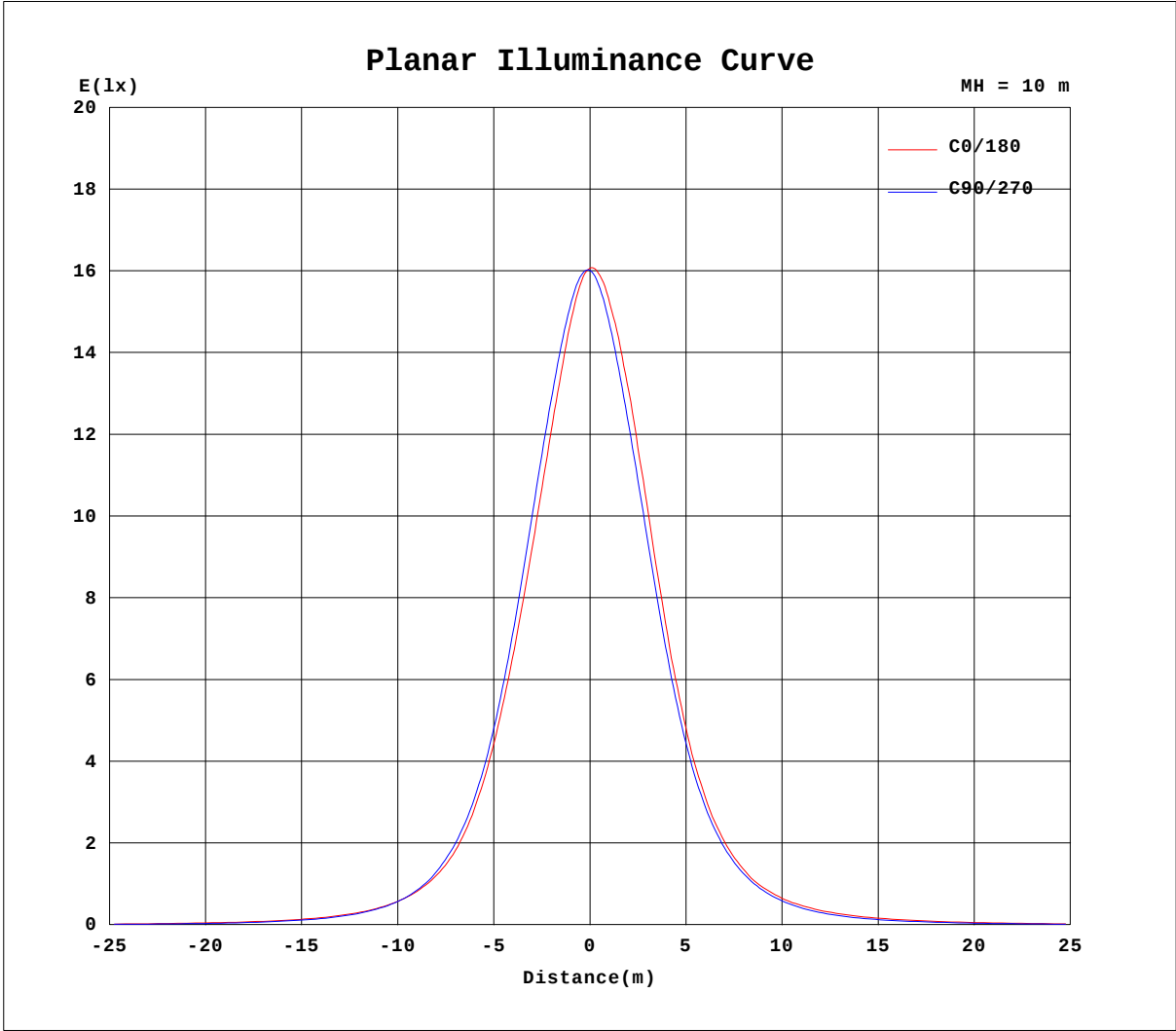
|                                            |                      |                      |
|--------------------------------------------|----------------------|----------------------|
| NAME:BlazeLine Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | Shielding Angle:     |



H<sub>(b)</sub> Range: -90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-10-25

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

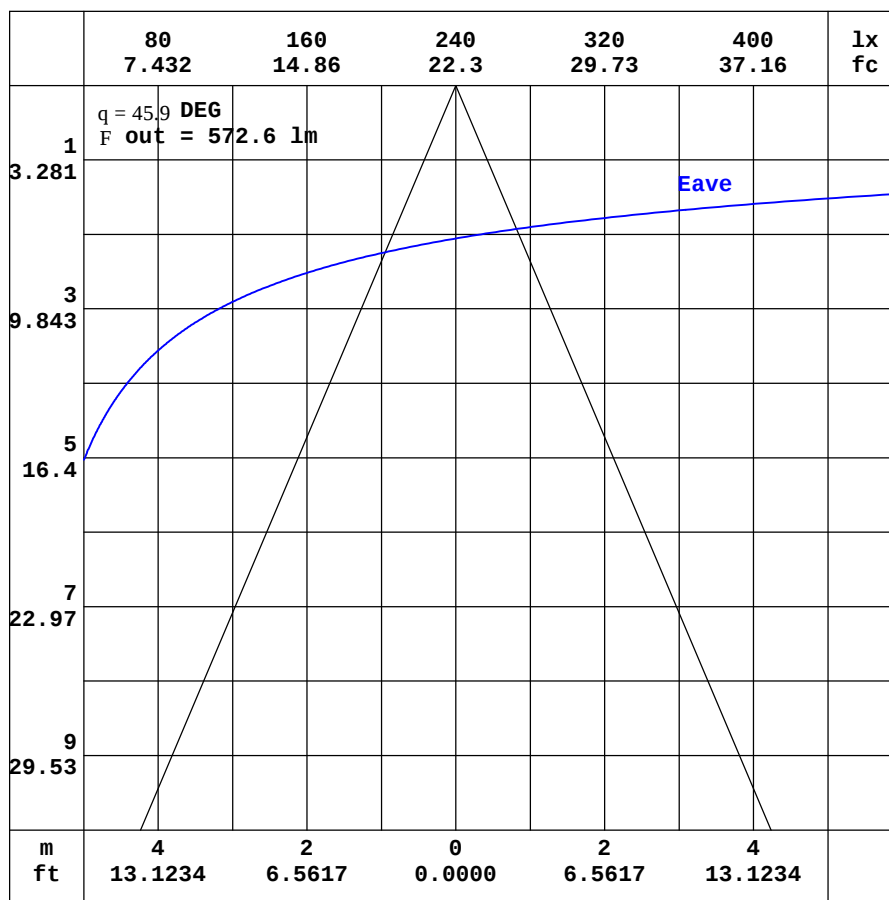


H<sub>b</sub> Range: -90 - 90DEG  
H<sub>b</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature: 25.3DEG  
Operators:  
Test Date: 2024-10-25

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 Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | 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:  
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | 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        | 6.35 | 5.89 | 5.58 | 5.44 | 5.48 | 5.70 | 6.12 | 6.68 | 7.37 | 8.07 | 8.74 | 9.32 | 9.76 | 10.0 | 10.1 | 9.97 | 9.82 | 9.63 | 9.45 |
| -170        | 6.35 | 5.77 | 5.37 | 5.12 | 5.05 | 5.12 | 5.32 | 5.63 | 6.00 | 6.37 | 6.69 | 6.93 | 7.07 | 7.07 | 6.92 | 6.99 | 7.55 | 8.00 | 8.28 |
| -160        | 6.35 | 5.67 | 5.17 | 4.82 | 4.62 | 4.53 | 4.52 | 4.55 | 4.61 | 4.64 | 4.61 | 4.51 | 4.43 | 5.04 | 5.62 | 6.16 | 6.60 | 6.91 | 7.11 |
| -150        | 6.35 | 5.58 | 5.00 | 4.54 | 4.23 | 3.97 | 3.77 | 3.58 | 3.36 | 3.11 | 2.89 | 3.25 | 3.66 | 4.08 | 4.50 | 4.89 | 5.22 | 5.45 | 5.58 |
| -140        | 6.35 | 5.52 | 4.85 | 4.30 | 3.87 | 3.50 | 3.15 | 2.79 | 2.40 | 2.30 | 2.46 | 2.66 | 2.89 | 3.12 | 3.37 | 3.59 | 3.77 | 3.91 | 3.97 |
| -130        | 6.35 | 5.47 | 4.73 | 4.11 | 3.57 | 3.11 | 2.65 | 2.20 | 2.04 | 2.09 | 2.15 | 2.22 | 2.30 | 2.40 | 2.51 | 2.62 | 2.70 | 2.76 | 2.78 |
| -120        | 6.35 | 5.45 | 4.65 | 3.97 | 3.35 | 2.79 | 2.26 | 1.89 | 1.92 | 1.94 | 1.97 | 1.98 | 2.01 | 2.03 | 2.07 | 2.10 | 2.14 | 2.16 | 2.17 |
| -110        | 6.35 | 5.45 | 4.63 | 3.87 | 3.19 | 2.54 | 1.94 | 1.78 | 1.80 | 1.82 | 1.83 | 1.84 | 1.85 | 1.86 | 1.88 | 1.90 | 1.91 | 1.92 | 1.93 |
| -100        | 6.35 | 5.47 | 4.64 | 3.85 | 3.09 | 2.37 | 1.67 | 1.63 | 1.65 | 1.66 | 1.66 | 1.67 | 1.68 | 1.70 | 1.72 | 1.73 | 1.74 | 1.75 | 1.76 |
| -90         | 6.35 | 5.53 | 4.72 | 3.91 | 3.09 | 2.28 | 1.46 | 1.46 | 1.46 | 1.45 | 1.45 | 1.45 | 1.44 | 1.45 | 1.45 | 1.45 | 1.46 | 1.46 | 1.46 |
| -80         | 6.35 | 5.63 | 4.89 | 4.18 | 3.51 | 3.03 | 2.56 | 3.10 | 3.64 | 4.03 | 4.23 | 4.20 | 3.97 | 4.25 | 4.53 | 4.74 | 4.84 | 4.84 | 4.73 |
| -70         | 6.35 | 5.76 | 5.27 | 5.81 | 7.18 | 9.07 | 11.3 | 13.5 | 15.5 | 17.4 | 19.0 | 20.4 | 21.5 | 22.7 | 23.9 | 24.8 | 25.3 | 25.4 | 25.1 |
| -60         | 6.35 | 5.92 | 6.79 | 9.79 | 14.0 | 18.3 | 22.4 | 26.3 | 30.3 | 34.3 | 37.9 | 41.1 | 43.9 | 46.5 | 49.6 | 51.9 | 53.5 | 54.3 | 54.1 |
| -50         | 6.35 | 6.16 | 9.14 | 14.8 | 21.2 | 27.8 | 33.9 | 40.4 | 47.2 | 54.2 | 61.5 | 69.1 | 76.9 | 84.8 | 93.3 | 101  | 107  | 110  | 110  |
| -40         | 6.35 | 6.64 | 11.7 | 19.6 | 28.4 | 36.9 | 46.0 | 55.7 | 66.5 | 79.2 | 94.1 | 112  | 134  | 159  | 185  | 208  | 227  | 239  | 242  |
| -30         | 6.35 | 7.26 | 14.1 | 24.1 | 34.6 | 45.5 | 57.7 | 71.6 | 88.5 | 110  | 138  | 177  | 228  | 290  | 355  | 421  | 478  | 517  | 530  |
| -20         | 6.35 | 7.84 | 16.3 | 27.9 | 39.9 | 53.2 | 68.5 | 86.8 | 111  | 144  | 192  | 263  | 364  | 487  | 627  | 766  | 884  | 962  | 984  |
| -10         | 6.35 | 8.30 | 17.8 | 30.6 | 43.9 | 59.0 | 76.6 | 98.4 | 128  | 172  | 237  | 342  | 488  | 679  | 903  | 1120 | 1286 | 1387 | 1414 |
| 0           | 6.35 | 8.57 | 18.6 | 32.1 | 46.2 | 62.2 | 81.0 | 105  | 137  | 185  | 256  | 372  | 533  | 747  | 995  | 1236 | 1433 | 1567 | 1607 |
| 10          | 6.35 | 8.44 | 18.0 | 31.1 | 44.8 | 60.3 | 78.4 | 101  | 131  | 174  | 238  | 335  | 472  | 650  | 858  | 1067 | 1243 | 1346 | 1353 |
| 20          | 6.35 | 8.13 | 16.7 | 28.8 | 41.6 | 55.7 | 71.9 | 91.1 | 116  | 150  | 196  | 260  | 348  | 461  | 592  | 728  | 844  | 908  | 917  |
| 30          | 6.35 | 7.70 | 14.8 | 25.4 | 36.8 | 48.8 | 62.5 | 77.8 | 95.9 | 118  | 147  | 183  | 229  | 285  | 348  | 407  | 457  | 487  | 492  |
| 40          | 6.35 | 7.20 | 12.5 | 21.1 | 31.0 | 40.7 | 51.4 | 62.9 | 75.5 | 89.0 | 104  | 121  | 142  | 165  | 189  | 209  | 227  | 237  | 239  |
| 50          | 6.35 | 6.81 | 10.3 | 16.3 | 23.8 | 31.7 | 39.4 | 47.7 | 55.7 | 63.5 | 71.4 | 79.5 | 87.5 | 95.8 | 104  | 110  | 115  | 117  | 117  |
| 60          | 6.35 | 6.65 | 8.23 | 11.5 | 16.4 | 21.8 | 27.4 | 32.6 | 37.3 | 41.9 | 46.3 | 50.1 | 53.2 | 56.2 | 59.2 | 61.2 | 62.4 | 62.8 | 62.3 |
| 70          | 6.35 | 6.54 | 6.89 | 8.13 | 9.82 | 12.2 | 15.2 | 18.2 | 20.8 | 23.2 | 25.3 | 27.0 | 28.5 | 30.1 | 31.3 | 32.0 | 32.3 | 32.2 | 31.7 |
| 80          | 6.35 | 6.44 | 6.54 | 6.65 | 6.91 | 7.29 | 7.46 | 7.87 | 8.36 | 8.85 | 9.26 | 9.52 | 9.60 | 9.89 | 10.1 | 10.3 | 10.3 | 10.3 | 10.1 |
| 90          | 6.35 | 6.34 | 6.33 | 6.32 | 6.31 | 6.30 | 6.29 | 6.26 | 6.23 | 6.20 | 6.17 | 6.14 | 6.10 | 6.09 | 6.07 | 6.05 | 6.03 | 6.01 | 5.99 |
| 100         | 6.35 | 6.25 | 6.15 | 6.07 | 5.98 | 5.90 | 5.83 | 5.74 | 5.66 | 5.58 | 5.51 | 5.45 | 5.39 | 5.36 | 5.33 | 5.32 | 5.30 | 5.29 | 5.29 |
| 110         | 6.35 | 6.17 | 6.01 | 5.85 | 5.73 | 5.60 | 5.51 | 5.43 | 5.35 | 5.30 | 5.26 | 5.24 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 5.22 | 5.21 |
| 120         | 6.35 | 6.10 | 5.87 | 5.69 | 5.54 | 5.44 | 5.37 | 5.33 | 5.31 | 5.33 | 5.40 | 5.48 | 5.58 | 5.68 | 5.78 | 5.86 | 5.93 | 5.97 | 5.98 |
| 130         | 6.35 | 6.04 | 5.77 | 5.57 | 5.44 | 5.38 | 5.36 | 5.39 | 5.53 | 5.72 | 5.95 | 6.18 | 6.43 | 6.66 | 6.89 | 7.08 | 7.23 | 7.33 | 7.37 |
| 140         | 6.35 | 5.98 | 5.70 | 5.50 | 5.40 | 5.38 | 5.47 | 5.67 | 5.97 | 6.32 | 6.71 | 7.13 | 7.53 | 7.90 | 8.23 | 8.49 | 8.69 | 8.82 | 8.88 |
| 150         | 6.35 | 5.94 | 5.64 | 5.45 | 5.41 | 5.46 | 5.68 | 6.03 | 6.47 | 6.97 | 7.50 | 8.03 | 8.53 | 8.96 | 9.32 | 9.61 | 9.81 | 9.95 | 10.0 |
| 160         | 6.35 | 5.91 | 5.61 | 5.43 | 5.42 | 5.57 | 5.89 | 6.35 | 6.92 | 7.54 | 8.16 | 8.73 | 9.20 | 9.59 | 9.87 | 10.1 | 10.2 | 10.2 | 10.4 |
| 170         | 6.35 | 5.89 | 5.59 | 5.43 | 5.45 | 5.66 | 6.04 | 6.59 | 7.24 | 7.92 | 8.58 | 9.16 | 9.60 | 9.86 | 9.95 | 9.95 | 9.94 | 9.90 | 10.2 |
| 180         | 6.35 | 5.89 | 5.58 | 5.44 | 5.48 | 5.70 | 6.12 | 6.68 | 7.37 | 8.07 | 8.74 | 9.32 | 9.76 | 10.0 | 10.1 | 9.97 | 9.82 | 9.63 | 9.48 |

H<sub>(b)</sub> Range:-90 - 90DEG  
H<sub>(b)</sub> Interval: 0.5DEG  
Test Speed: LOW  
Temperature:25.3DEG  
Operators:  
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-40D-Rev1 | TYPE:RGBW-DS W=4000K | WEIGHT:              |
| SPEC.:45 DEG                               | DIM.:600MM           | SERIAL No.:IES003073 |
| MFR.:                                      | SUR.:1               | 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        | 8.75 | 8.20 | 7.61 | 7.02 | 6.33 | 5.58 | 4.81 | 4.09 | 3.46 | 2.94 | 2.55 | 2.28 | 2.10 | 1.97 | 1.87 | 1.78 | 1.64 | 1.53 |
| -170        | 7.97 | 7.70 | 7.26 | 6.71 | 6.05 | 5.35 | 4.63 | 3.95 | 3.36 | 2.88 | 2.51 | 2.25 | 2.09 | 1.97 | 1.87 | 1.78 | 1.64 | 1.53 |
| -160        | 6.96 | 6.73 | 6.38 | 5.89 | 5.33 | 4.73 | 4.14 | 3.58 | 3.09 | 2.70 | 2.41 | 2.20 | 2.06 | 1.96 | 1.86 | 1.77 | 1.63 | 1.53 |
| -150        | 5.52 | 5.34 | 5.07 | 4.71 | 4.31 | 3.88 | 3.46 | 3.07 | 2.74 | 2.47 | 2.27 | 2.13 | 2.02 | 1.93 | 1.85 | 1.75 | 1.62 | 1.53 |
| -140        | 3.95 | 3.86 | 3.71 | 3.51 | 3.28 | 3.03 | 2.79 | 2.58 | 2.41 | 2.26 | 2.14 | 2.05 | 1.97 | 1.90 | 1.83 | 1.73 | 1.61 | 1.53 |
| -130        | 2.78 | 2.74 | 2.68 | 2.58 | 2.49 | 2.38 | 2.30 | 2.22 | 2.15 | 2.09 | 2.04 | 1.98 | 1.92 | 1.86 | 1.79 | 1.69 | 1.59 | 1.53 |
| -120        | 2.17 | 2.16 | 2.13 | 2.09 | 2.06 | 2.04 | 2.03 | 2.00 | 1.99 | 1.97 | 1.95 | 1.91 | 1.86 | 1.80 | 1.73 | 1.66 | 1.57 | 1.53 |
| -110        | 1.93 | 1.93 | 1.92 | 1.90 | 1.89 | 1.88 | 1.88 | 1.88 | 1.87 | 1.86 | 1.84 | 1.82 | 1.78 | 1.73 | 1.67 | 1.61 | 1.55 | 1.53 |
| -100        | 1.75 | 1.75 | 1.74 | 1.74 | 1.73 | 1.72 | 1.72 | 1.72 | 1.72 | 1.71 | 1.71 | 1.71 | 1.67 | 1.64 | 1.60 | 1.57 | 1.54 | 1.53 |
| -90         | 1.47 | 1.47 | 1.48 | 1.48 | 1.48 | 1.49 | 1.50 | 1.51 | 1.53 | 1.54 | 1.55 | 1.56 | 1.56 | 1.55 | 1.55 | 1.54 | 1.53 | 1.53 |
| -80         | 4.91 | 4.99 | 4.93 | 4.76 | 4.49 | 4.22 | 4.54 | 4.69 | 4.60 | 4.20 | 3.63 | 2.96 | 2.61 | 2.28 | 1.94 | 1.65 | 1.54 | 1.53 |
| -70         | 25.3 | 25.1 | 24.6 | 23.8 | 22.6 | 21.4 | 20.5 | 19.4 | 17.8 | 16.0 | 14.0 | 11.8 | 9.10 | 6.44 | 4.20 | 2.63 | 1.64 | 1.53 |
| -60         | 53.9 | 52.8 | 50.9 | 48.4 | 45.3 | 42.8 | 40.2 | 37.3 | 34.1 | 30.6 | 26.8 | 22.2 | 17.3 | 12.7 | 8.24 | 4.45 | 1.99 | 1.53 |
| -50         | 109  | 104  | 97.6 | 89.5 | 80.9 | 73.6 | 66.3 | 59.4 | 52.7 | 46.3 | 39.7 | 32.7 | 25.9 | 19.0 | 12.6 | 6.81 | 2.61 | 1.53 |
| -40         | 235  | 220  | 198  | 173  | 148  | 125  | 105  | 89.0 | 75.5 | 63.5 | 52.5 | 42.7 | 33.7 | 25.1 | 16.7 | 9.18 | 3.30 | 1.53 |
| -30         | 506  | 457  | 394  | 328  | 263  | 207  | 162  | 128  | 102  | 81.4 | 65.2 | 52.0 | 40.6 | 30.3 | 20.3 | 11.3 | 3.96 | 1.53 |
| -20         | 934  | 834  | 709  | 571  | 438  | 323  | 233  | 173  | 129  | 98.8 | 76.7 | 59.8 | 46.1 | 34.3 | 23.2 | 12.9 | 4.53 | 1.53 |
| -10         | 1336 | 1197 | 1015 | 813  | 614  | 438  | 304  | 213  | 153  | 112  | 85.0 | 65.2 | 49.9 | 36.9 | 25.1 | 14.0 | 4.92 | 1.53 |
| 0           | 1519 | 1339 | 1127 | 906  | 686  | 488  | 332  | 230  | 164  | 118  | 88.3 | 67.4 | 51.5 | 38.0 | 25.9 | 14.5 | 5.09 | 1.53 |
| 10          | 1278 | 1138 | 954  | 766  | 585  | 422  | 299  | 215  | 156  | 115  | 87.0 | 66.7 | 51.0 | 37.6 | 25.5 | 14.2 | 5.05 | 1.53 |
| 20          | 876  | 792  | 671  | 537  | 413  | 309  | 235  | 178  | 135  | 103  | 80.4 | 62.7 | 48.2 | 35.6 | 23.9 | 13.3 | 4.79 | 1.53 |
| 30          | 477  | 438  | 384  | 323  | 262  | 211  | 170  | 136  | 109  | 87.9 | 70.4 | 55.9 | 43.4 | 32.1 | 21.3 | 11.8 | 4.36 | 1.53 |
| 40          | 234  | 220  | 201  | 179  | 155  | 134  | 114  | 98.1 | 84.0 | 71.1 | 58.5 | 47.2 | 36.9 | 27.2 | 17.9 | 9.85 | 3.82 | 1.53 |
| 50          | 116  | 112  | 106  | 99.3 | 90.9 | 83.2 | 75.6 | 67.9 | 60.6 | 53.4 | 45.7 | 37.2 | 29.1 | 21.1 | 13.9 | 7.73 | 3.23 | 1.53 |
| 60          | 62.3 | 61.4 | 59.7 | 57.3 | 54.1 | 51.1 | 48.2 | 44.6 | 40.7 | 36.5 | 32.0 | 26.2 | 20.2 | 14.7 | 9.60 | 5.73 | 2.66 | 1.53 |
| 70          | 32.0 | 31.9 | 31.5 | 30.5 | 29.2 | 27.9 | 26.7 | 25.0 | 22.8 | 20.4 | 17.9 | 15.0 | 11.6 | 8.58 | 6.25 | 4.16 | 2.37 | 1.53 |
| 80          | 10.3 | 10.4 | 10.4 | 10.3 | 10.0 | 9.73 | 9.59 | 9.27 | 8.86 | 8.37 | 7.82 | 7.32 | 6.52 | 5.49 | 4.26 | 3.18 | 2.31 | 1.53 |
| 90          | 6.00 | 6.00 | 6.00 | 6.01 | 6.01 | 6.02 | 6.04 | 6.06 | 6.08 | 6.10 | 6.12 | 6.14 | 5.37 | 4.60 | 3.84 | 3.07 | 2.30 | 1.53 |
| 100         | 5.29 | 5.30 | 5.31 | 5.32 | 5.33 | 5.36 | 5.41 | 5.46 | 5.52 | 5.58 | 5.66 | 5.67 | 5.04 | 4.39 | 3.70 | 3.00 | 2.27 | 1.53 |
| 110         | 5.23 | 5.24 | 5.25 | 5.26 | 5.26 | 5.26 | 5.27 | 5.29 | 5.31 | 5.35 | 5.40 | 5.28 | 4.73 | 4.16 | 3.56 | 2.92 | 2.24 | 1.53 |
| 120         | 6.00 | 5.98 | 5.94 | 5.88 | 5.79 | 5.70 | 5.59 | 5.49 | 5.41 | 5.35 | 5.35 | 4.97 | 4.44 | 3.93 | 3.40 | 2.82 | 2.19 | 1.53 |
| 130         | 7.37 | 7.31 | 7.20 | 7.05 | 6.84 | 6.61 | 6.36 | 6.10 | 5.87 | 5.65 | 5.27 | 4.67 | 4.16 | 3.68 | 3.20 | 2.69 | 2.13 | 1.53 |
| 140         | 8.87 | 8.79 | 8.63 | 8.42 | 8.11 | 7.75 | 7.35 | 6.93 | 6.52 | 5.92 | 5.10 | 4.40 | 3.85 | 3.41 | 2.99 | 2.54 | 2.05 | 1.53 |
| 150         | 9.99 | 9.90 | 9.74 | 9.49 | 9.17 | 8.75 | 8.30 | 7.76 | 6.70 | 5.65 | 4.78 | 4.07 | 3.52 | 3.10 | 2.74 | 2.38 | 1.97 | 1.53 |
| 160         | 10.3 | 10.2 | 10.2 | 10.0 | 9.77 | 9.42 | 8.32 | 7.16 | 6.04 | 5.06 | 4.25 | 3.61 | 3.12 | 2.76 | 2.47 | 2.19 | 1.87 | 1.53 |
| 170         | 10.0 | 9.95 | 10.2 | 9.61 | 8.75 | 7.80 | 6.82 | 5.83 | 4.94 | 4.14 | 3.49 | 2.99 | 2.64 | 2.38 | 2.18 | 1.99 | 1.75 | 1.53 |
| 180         | 8.75 | 8.20 | 7.61 | 7.02 | 6.33 | 5.58 | 4.81 | 4.09 | 3.46 | 2.94 | 2.55 | 2.28 | 2.10 | 1.97 | 1.87 | 1.78 | 1.64 | 1.53 |

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

Test Speed: LOW

Temperature:25.3DEG

Operators:

Test Date:2024-10-25

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: