

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 6221.4 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 39.1V x 38.3H |
|             | At 50% of Imax | 16.8V x 17.7H |
|             | At 90% of Imax | 5.0V x 6.8H   |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 996.9 lumens per klm. |
|           | To 10% of Imax | 710.0 lumens per klm. |
|           | To 50% of Imax | 284.9 lumens per klm. |
|           | To 90% of Imax | 25.5 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 0.0 %  |
| Downward LOR | 99.7 % |

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

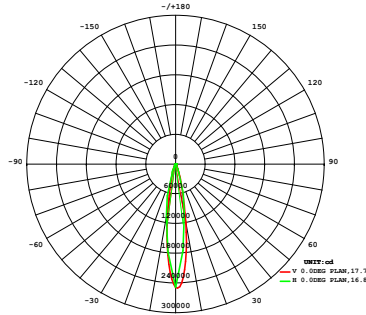
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

# LUMINAIRE PHOTOMETRIC TEST REPORT

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

|   |                              |         |                 |          |
|---|------------------------------|---------|-----------------|----------|
|  | DATA OF LAMP                 |         | Eff:140.59lm/W  |          |
|   | NJZ-FC0810-V01-RZ-15-PC-U-GR |         | Imax(cd)        | 250358   |
|   | NOMINAL POWER(W)             | 300     | AVAILABILITY(%) | 72.6     |
|   | RATED VOLTAGE(V)             | 220     | Avai. FLUX(lm)  | 29228    |
|   | NOMINAL FLUX(lm)             | 40241.5 | LOR(%)          | 100.0    |
|   | LAMPS INSIDE                 | 1       | TOTAL FLUX(lm)  | 40241    |
|   | TEST VOLTAGE(V)              | 220     | θ @50% (H,V)    | 18,17DEG |

| VERTICAL (DEG)   | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |       |       |      |      |      |      |      |      | UNIT:lm |      | Φ t   | Φ a   |
|--|-------------------|------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|---------|------|-------|-------|
|  | 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  | 0.00  |
| 90   | 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  | 0.00  |
| 80   | 0.06              | 0.38 | 1.16 | 2.49 | 4.24 | 6.12 | 7.80 | 9.03 | 9.72  | 9.83  | 9.36 | 8.37 | 6.79 | 4.86 | 2.94 | 1.43 | 0.49    | 0.07 | 85.1  | 0.00  |
| 70   | 0.08              | 0.68 | 2.21 | 4.67 | 7.80 | 11.1 | 13.8 | 15.6 | 16.3  | 16.5  | 16.1 | 14.7 | 12.2 | 8.69 | 5.25 | 2.55 | 0.83    | 0.10 | 149   | 0.00  |
| 60   | 0.12              | 1.08 | 3.38 | 6.86 | 11.3 | 16.2 | 20.5 | 23.0 | 23.9  | 24.1  | 24.1 | 23.3 | 19.1 | 12.7 | 7.60 | 3.78 | 1.24    | 0.14 | 222   | 0.00  |
| 50   | 0.15              | 1.44 | 4.39 | 8.59 | 14.0 | 22.2 | 34.2 | 44.4 | 48.7  | 49.2  | 48.4 | 44.6 | 30.1 | 16.4 | 9.47 | 4.84 | 1.62    | 0.19 | 383   | 0.00  |
| 40   | 0.19              | 1.75 | 5.16 | 9.73 | 15.9 | 31.7 | 68.6 | 111  | 139   | 142   | 125  | 91.7 | 46.2 | 19.3 | 10.7 | 5.62 | 1.93    | 0.22 | 825   | 0.00  |
| 30   | 0.22              | 1.98 | 5.68 | 10.4 | 17.5 | 45.3 | 130  | 271  | 408   | 425   | 309  | 167  | 64.0 | 21.7 | 11.4 | 6.14 | 2.17    | 0.25 | 1897  | 0.00  |
| 20   | 0.24              | 2.15 | 5.99 | 10.8 | 19.6 | 61.1 | 218  | 616  | 1397  | 1543  | 727  | 275  | 82.7 | 24.2 | 11.7 | 6.41 | 2.32    | 0.27 | 5002  | 3297  |
| 10   | 0.26              | 2.22 | 6.10 | 11.1 | 21.5 | 73.0 | 301  | 1141 | 3905  | 4240  | 1342 | 363  | 95.3 | 25.7 | 11.9 | 6.49 | 2.40    | 0.28 | 11548 | 10436 |
| 0  | 0.26              | 2.22 | 6.08 | 11.0 | 21.8 | 73.4 | 306  | 1337 | 5003  | 4965  | 1338 | 337  | 89.8 | 25.0 | 11.7 | 6.43 | 2.37    | 0.28 | 13537 | 12389 |
| -10  | 0.24              | 2.14 | 5.92 | 10.8 | 20.2 | 59.8 | 209  | 644  | 1431  | 1269  | 556  | 213  | 69.2 | 22.3 | 11.3 | 6.24 | 2.28    | 0.27 | 4533  | 3107  |
| -20  | 0.21              | 1.98 | 5.59 | 10.2 | 17.7 | 42.8 | 102  | 189  | 203   | 186   | 154  | 93.3 | 44.0 | 18.8 | 10.6 | 5.85 | 2.09    | 0.23 | 1088  | 0.00  |
| -30  | 0.17              | 1.74 | 5.02 | 9.40 | 15.3 | 27.3 | 41.6 | 44.6 | 46.4  | 45.7  | 41.0 | 35.3 | 25.3 | 15.6 | 9.73 | 5.27 | 1.85    | 0.19 | 371   | 0.00  |
| -40  | 0.13              | 1.43 | 4.27 | 8.18 | 13.1 | 17.9 | 21.1 | 23.3 | 23.2  | 22.3  | 21.6 | 19.5 | 17.0 | 13.0 | 8.44 | 4.47 | 1.53    | 0.13 | 221   | 0.00  |
| -50  | 0.09              | 1.07 | 3.32 | 6.51 | 10.3 | 13.6 | 15.5 | 16.8 | 17.7  | 17.6  | 16.6 | 15.2 | 13.3 | 10.4 | 6.75 | 3.48 | 1.15    | 0.09 | 169   | 0.00  |
| -60  | 0.06              | 0.70 | 2.25 | 4.54 | 7.19 | 9.64 | 11.6 | 12.8 | 13.2  | 13.2  | 12.6 | 11.5 | 9.70 | 7.36 | 4.70 | 2.36 | 0.73    | 0.07 | 124   | 0.00  |
| -70  | 0.04              | 0.37 | 1.18 | 2.44 | 3.93 | 5.38 | 6.61 | 7.42 | 7.89  | 7.94  | 7.55 | 6.75 | 5.54 | 4.07 | 2.55 | 1.26 | 0.38    | 0.05 | 71.4  | 0.00  |
| -80  | 0.02              | 0.10 | 0.24 | 0.47 | 0.78 | 1.09 | 1.39 | 1.58 | 1.74  | 1.73  | 1.57 | 1.35 | 1.05 | 0.75 | 0.44 | 0.21 | 0.06    | 0.02 | 14.6  | 0.00  |
| -90  | 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  | 0.00  |
| -90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90 |                   |      |      |      |      |      |      |      |       |       |      |      |      |      |      |      |         |      |       |       |
| Φ t  | 2.55              | 23.4 | 67.9 | 128  | 222  | 517  | 1508 | 4507 | 12696 | 12978 | 4750 | 1720 | 631  | 251  | 137  | 72.8 | 25.5    | 2.88 | 40241 | ---   |
| Φ a  | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.5 | 2773 | 11519 | 11795 | 3094 | 23.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---   | 29228 |

one-half-peak spread: U:8.3,D:8.7 , L:8.8,R:9.1

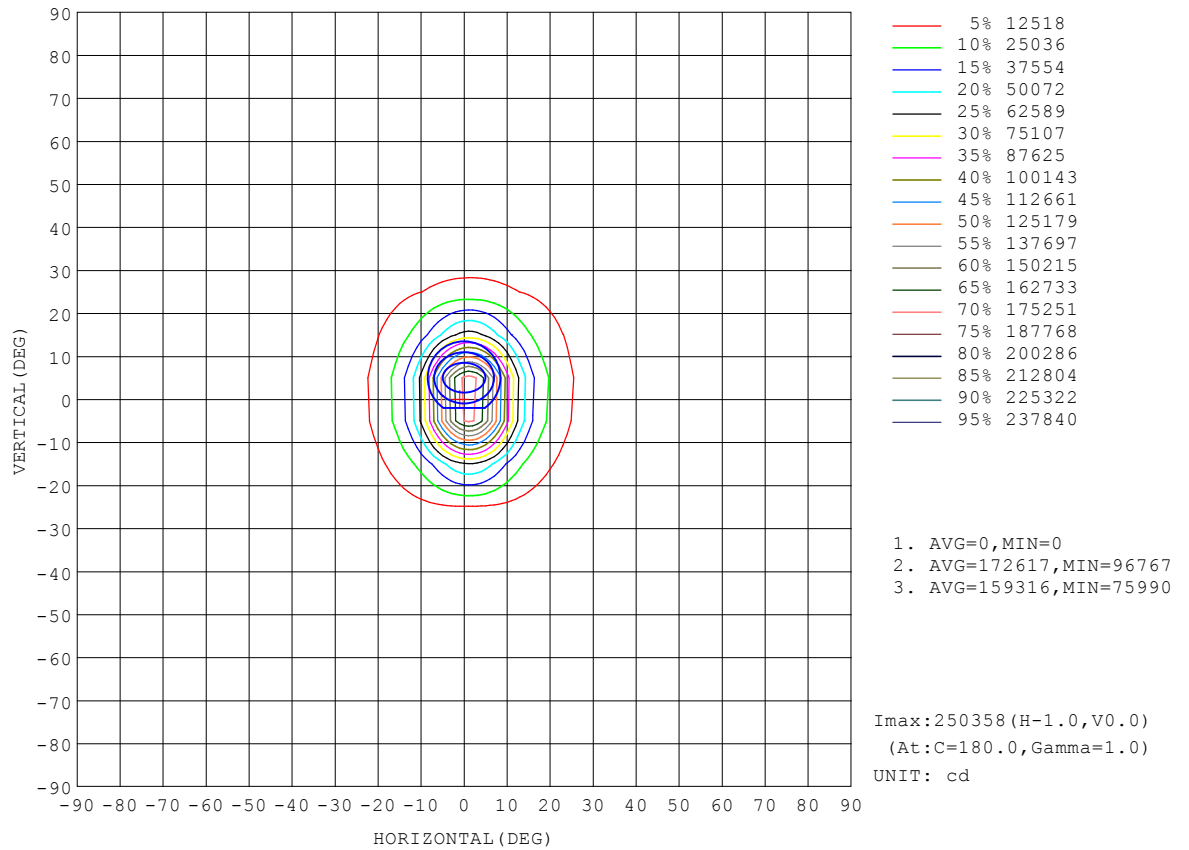
NEMA Beam Type: Type 3

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

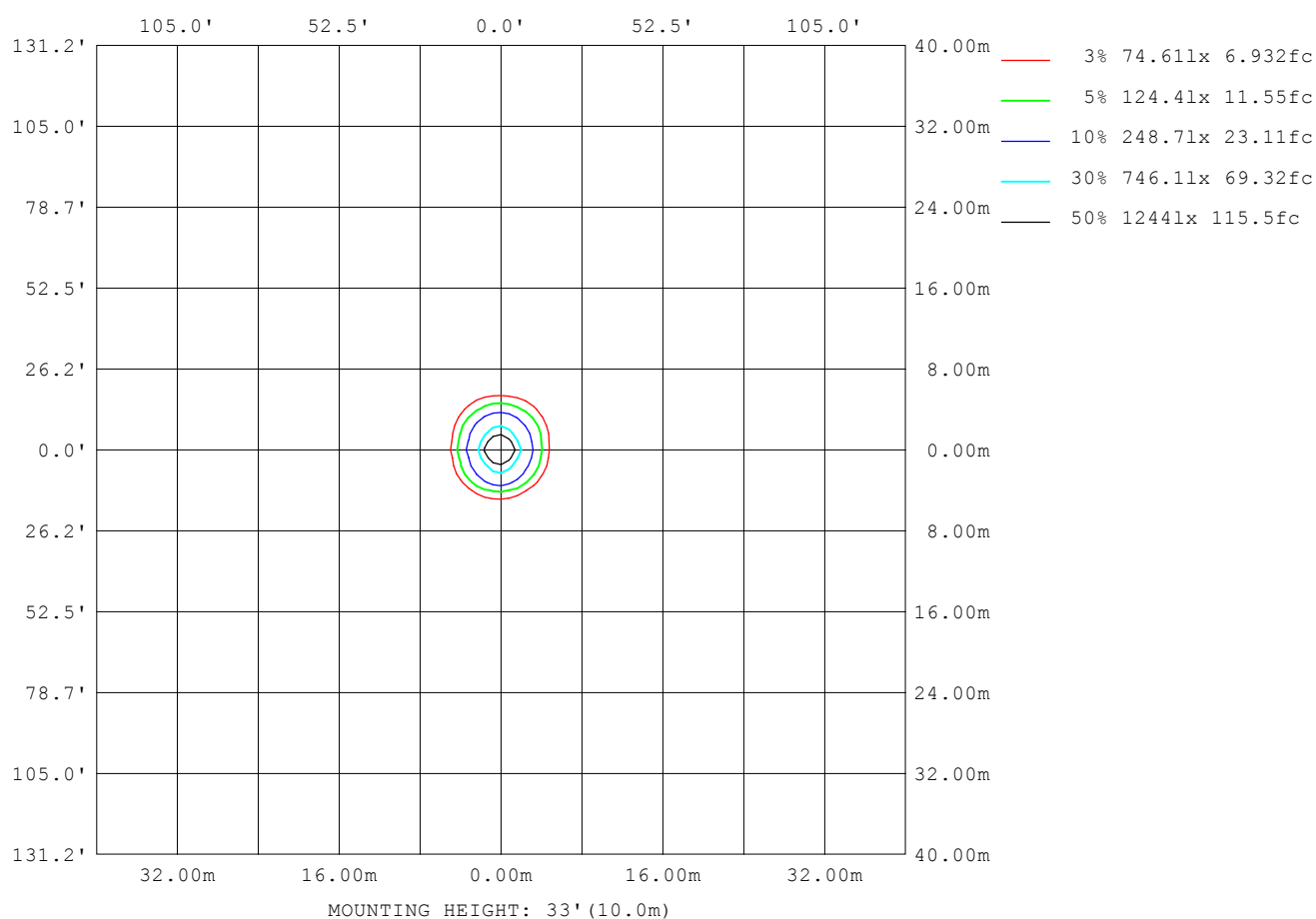


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

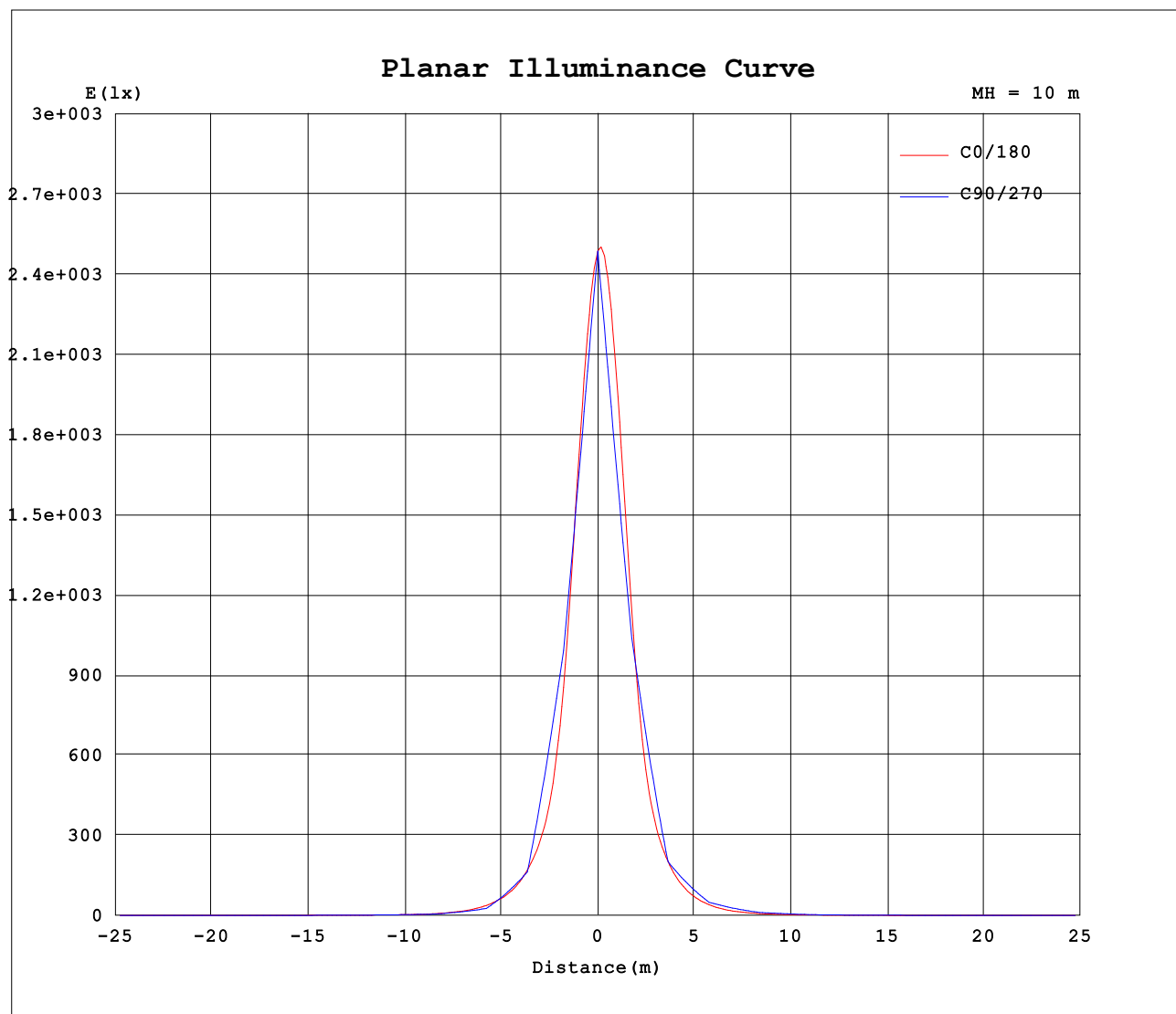
|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



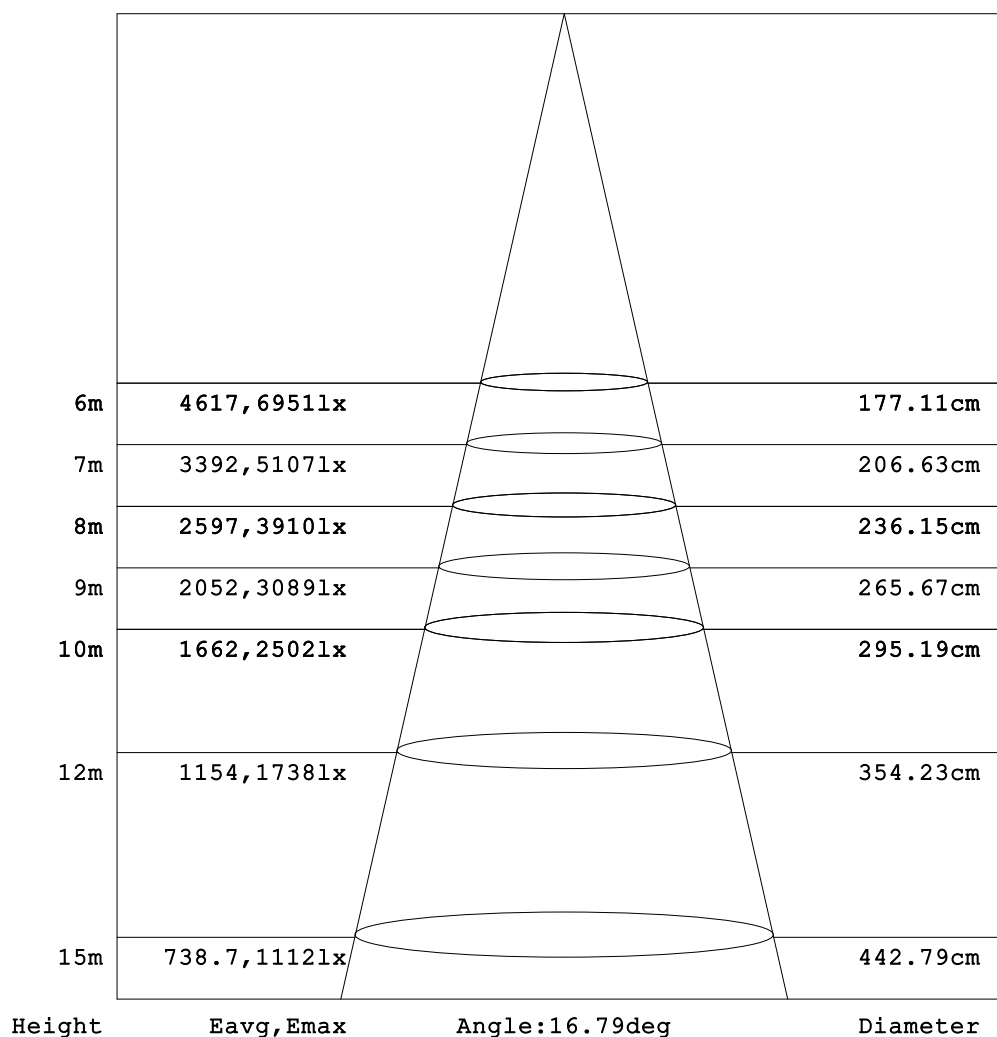
$H(\beta)$  Range: -90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: CL  
 Test Date: 28 October 2019

$V(B)$  Range: -80 - 80DEG  
 $V(B)$  Interval: 5.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity: 65.0%  
 Test Distance: 6.010m [K=1.0000]  
 Remarks:

### AAI Figure

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Flux out:11663 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Table--1

UNIT: ×100cd

| H (DEG)<br>V (DEG) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -90                | 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 |
| -85                | 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 |
| -80                | 0.11 | 0.13 | 0.17 | 0.29 | 0.41 | 0.52 | 0.66 | 0.80 | 0.94 | 1.07 | 1.19 | 1.28 | 1.38 | 1.46 | 1.51 | 1.55 | 1.60 | 1.62 | 1.64 |
| -75                | 0.09 | 0.13 | 0.19 | 0.37 | 0.63 | 0.84 | 1.08 | 1.32 | 1.56 | 1.77 | 1.96 | 2.12 | 2.25 | 2.36 | 2.44 | 2.49 | 2.54 | 2.58 | 2.60 |
| -70                | 0.12 | 0.17 | 0.32 | 0.67 | 1.01 | 1.35 | 1.69 | 2.03 | 2.35 | 2.62 | 2.86 | 3.05 | 3.22 | 3.33 | 3.43 | 3.48 | 3.52 | 3.55 | 3.56 |
| -65                | 0.09 | 0.15 | 0.31 | 0.72 | 1.19 | 1.61 | 2.05 | 2.47 | 2.88 | 3.25 | 3.56 | 3.82 | 4.01 | 4.16 | 4.27 | 4.33 | 4.38 | 4.41 | 4.42 |
| -60                | 0.11 | 0.23 | 0.56 | 1.17 | 1.69 | 2.23 | 2.74 | 3.25 | 3.73 | 4.14 | 4.48 | 4.75 | 4.95 | 5.08 | 5.17 | 5.23 | 5.27 | 5.28 | 5.28 |
| -55                | 0.09 | 0.17 | 0.47 | 1.15 | 1.78 | 2.40 | 3.00 | 3.56 | 4.12 | 4.65 | 5.12 | 5.45 | 5.69 | 5.84 | 5.95 | 6.09 | 6.20 | 6.29 | 6.34 |
| -50                | 0.10 | 0.30 | 0.86 | 1.67 | 2.35 | 3.06 | 3.70 | 4.32 | 4.95 | 5.57 | 6.05 | 6.36 | 6.57 | 6.68 | 6.84 | 7.04 | 7.22 | 7.36 | 7.39 |
| -45                | 0.09 | 0.21 | 0.69 | 1.58 | 2.33 | 3.09 | 3.84 | 4.50 | 5.14 | 5.84 | 6.58 | 7.25 | 7.88 | 8.43 | 8.93 | 9.45 | 9.89 | 10.2 | 10.2 |
| -40                | 0.09 | 0.38 | 1.23 | 2.10 | 2.93 | 3.74 | 4.51 | 5.18 | 5.86 | 6.72 | 7.66 | 8.65 | 9.66 | 10.6 | 11.4 | 12.3 | 12.8 | 13.1 | 13.0 |
| -35                | 0.08 | 0.25 | 0.97 | 1.93 | 2.80 | 3.67 | 4.50 | 5.20 | 5.86 | 6.72 | 8.07 | 10.1 | 12.9 | 15.9 | 18.4 | 21.0 | 23.7 | 26.1 | 27.2 |
| -30                | 0.08 | 0.50 | 1.52 | 2.45 | 3.37 | 4.27 | 5.08 | 5.74 | 6.47 | 7.66 | 9.95 | 13.7 | 18.7 | 23.3 | 27.4 | 31.9 | 36.7 | 40.3 | 41.2 |
| -25                | 0.06 | 0.29 | 1.21 | 2.20 | 3.16 | 4.11 | 4.96 | 5.66 | 6.37 | 7.49 | 9.85 | 14.7 | 22.2 | 33.0 | 47.6 | 66.7 | 89.1 | 109  | 119  |
| -20                | 0.08 | 0.71 | 1.71 | 2.72 | 3.71 | 4.65 | 5.43 | 6.10 | 6.99 | 8.80 | 12.9 | 21.1 | 33.6 | 53.3 | 82.0 | 119  | 159  | 190  | 197  |
| -15                | 0.05 | 0.39 | 1.34 | 2.38 | 3.41 | 4.39 | 5.21 | 5.93 | 6.76 | 8.28 | 11.8 | 19.5 | 33.8 | 59.8 | 105  | 178  | 293  | 472  | 616  |
| -10                | 0.08 | 0.80 | 1.81 | 2.88 | 3.91 | 4.82 | 5.59 | 6.34 | 7.47 | 9.84 | 15.6 | 27.2 | 51.5 | 96.4 | 178  | 315  | 554  | 904  | 1039 |
| -5                 | 0.02 | 0.47 | 1.40 | 2.48 | 3.54 | 4.52 | 5.32 | 6.07 | 7.01 | 8.81 | 13.1 | 22.9 | 43.6 | 84.7 | 162  | 312  | 645  | 1278 | 1754 |
| 0                  | 0.14 | 0.81 | 1.86 | 2.95 | 3.99 | 4.88 | 5.64 | 6.44 | 7.68 | 10.3 | 17.0 | 31.4 | 62.8 | 123  | 244  | 507  | 1195 | 2140 | 2487 |
| 5                  | 0.04 | 0.47 | 1.40 | 2.49 | 3.55 | 4.53 | 5.34 | 6.10 | 7.03 | 8.79 | 13.1 | 23.4 | 45.3 | 88.5 | 169  | 322  | 661  | 1300 | 1778 |
| 10                 | 0.14 | 0.79 | 1.81 | 2.89 | 3.94 | 4.85 | 5.64 | 6.39 | 7.48 | 9.80 | 15.8 | 29.0 | 56.4 | 106  | 194  | 338  | 593  | 947  | 1088 |
| 15                 | 0.08 | 0.45 | 1.34 | 2.40 | 3.44 | 4.43 | 5.26 | 6.01 | 6.83 | 8.27 | 11.8 | 20.4 | 37.9 | 69.6 | 122  | 203  | 326  | 514  | 663  |
| 20                 | 0.13 | 0.74 | 1.71 | 2.74 | 3.77 | 4.71 | 5.51 | 6.21 | 7.08 | 8.78 | 13.1 | 23.1 | 40.9 | 69.0 | 107  | 152  | 198  | 233  | 244  |
| 25                 | 0.08 | 0.41 | 1.23 | 2.21 | 3.21 | 4.18 | 5.04 | 5.78 | 6.51 | 7.61 | 10.0 | 15.9 | 27.2 | 44.6 | 67.9 | 95.2 | 124  | 148  | 160  |
| 30                 | 0.13 | 0.65 | 1.52 | 2.48 | 3.44 | 4.38 | 5.20 | 5.90 | 6.66 | 7.86 | 10.5 | 16.4 | 26.0 | 37.7 | 49.6 | 61.1 | 70.3 | 75.8 | 77.3 |
| 35                 | 0.08 | 0.36 | 1.06 | 1.94 | 2.85 | 3.77 | 4.64 | 5.37 | 6.08 | 7.00 | 8.57 | 11.8 | 17.5 | 25.0 | 32.7 | 40.0 | 46.1 | 50.0 | 51.6 |
| 40                 | 0.12 | 0.55 | 1.29 | 2.13 | 3.00 | 3.88 | 4.69 | 5.40 | 6.15 | 7.15 | 8.66 | 11.2 | 14.8 | 18.5 | 21.8 | 24.2 | 25.5 | 26.0 | 26.1 |
| 45                 | 0.09 | 0.31 | 0.86 | 1.60 | 2.38 | 3.19 | 4.00 | 4.72 | 5.42 | 6.23 | 7.27 | 8.71 | 10.8 | 13.0 | 14.9 | 16.5 | 17.4 | 17.7 | 17.8 |
| 50                 | 0.12 | 0.43 | 1.00 | 1.68 | 2.41 | 3.17 | 3.89 | 4.59 | 5.31 | 6.08 | 6.89 | 7.76 | 8.56 | 9.06 | 9.43 | 9.64 | 9.63 | 9.61 | 9.64 |
| 55                 | 0.09 | 0.25 | 0.64 | 1.19 | 1.81 | 2.46 | 3.12 | 3.77 | 4.41 | 5.08 | 5.75 | 6.41 | 7.03 | 7.47 | 7.77 | 7.98 | 8.03 | 8.02 | 8.04 |
| 60                 | 0.12 | 0.32 | 0.70 | 1.18 | 1.72 | 2.29 | 2.87 | 3.46 | 4.04 | 4.61 | 5.13 | 5.57 | 5.92 | 6.15 | 6.31 | 6.39 | 6.42 | 6.43 | 6.47 |
| 65                 | 0.10 | 0.19 | 0.43 | 0.78 | 1.18 | 1.63 | 2.11 | 2.59 | 3.07 | 3.55 | 4.00 | 4.39 | 4.71 | 4.96 | 5.15 | 5.26 | 5.32 | 5.35 | 5.38 |
| 70                 | 0.12 | 0.23 | 0.41 | 0.68 | 0.99 | 1.35 | 1.73 | 2.11 | 2.49 | 2.85 | 3.19 | 3.49 | 3.73 | 3.94 | 4.10 | 4.19 | 4.25 | 4.29 | 4.31 |
| 75                 | 0.10 | 0.15 | 0.24 | 0.41 | 0.61 | 0.83 | 1.09 | 1.35 | 1.62 | 1.88 | 2.13 | 2.35 | 2.54 | 2.71 | 2.84 | 2.94 | 3.01 | 3.05 | 3.08 |
| 80                 | 0.12 | 0.14 | 0.20 | 0.30 | 0.40 | 0.52 | 0.66 | 0.80 | 0.96 | 1.11 | 1.25 | 1.38 | 1.50 | 1.60 | 1.68 | 1.74 | 1.80 | 1.84 | 1.86 |
| 85                 | 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 |
| 90                 | 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 |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.06V I:1.3181A P:286.23W PF:0.9868 Freq:49.99Hz Lamp Flux:40241.5x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Table--2

UNIT: ×100cd

| H (DEG)<br>V (DEG) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -90                | 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 |  |
| -85                | 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 |  |
| -80                | 1.63 | 1.60 | 1.56 | 1.52 | 1.47 | 1.39 | 1.31 | 1.22 | 1.11 | 0.98 | 0.84 | 0.70 | 0.56 | 0.43 | 0.28 | 0.17 | 0.14 | 0.11 |  |
| -75                | 2.59 | 2.58 | 2.54 | 2.50 | 2.44 | 2.35 | 2.23 | 2.11 | 1.94 | 1.74 | 1.52 | 1.28 | 1.04 | 0.80 | 0.54 | 0.29 | 0.18 | 0.12 |  |
| -70                | 3.56 | 3.53 | 3.49 | 3.43 | 3.34 | 3.22 | 3.07 | 2.86 | 2.61 | 2.33 | 2.01 | 1.67 | 1.31 | 0.99 | 0.58 | 0.28 | 0.17 | 0.10 |  |
| -65                | 4.40 | 4.37 | 4.33 | 4.27 | 4.18 | 4.08 | 3.92 | 3.74 | 3.48 | 3.15 | 2.76 | 2.34 | 1.91 | 1.46 | 1.02 | 0.49 | 0.24 | 0.12 |  |
| -60                | 5.23 | 5.18 | 5.12 | 5.04 | 4.94 | 4.83 | 4.65 | 4.42 | 4.09 | 3.67 | 3.19 | 2.68 | 2.14 | 1.60 | 1.02 | 0.43 | 0.20 | 0.09 |  |
| -55                | 6.29 | 6.18 | 6.06 | 5.92 | 5.77 | 5.66 | 5.50 | 5.27 | 4.93 | 4.46 | 3.94 | 3.39 | 2.80 | 2.17 | 1.55 | 0.82 | 0.32 | 0.11 |  |
| -50                | 7.27 | 7.09 | 6.88 | 6.67 | 6.51 | 6.38 | 6.18 | 5.88 | 5.41 | 4.84 | 4.26 | 3.64 | 2.95 | 2.23 | 1.52 | 0.63 | 0.25 | 0.09 |  |
| -45                | 10.1 | 9.83 | 9.41 | 8.90 | 8.35 | 7.87 | 7.41 | 6.90 | 6.25 | 5.54 | 4.91 | 4.30 | 3.59 | 2.81 | 2.02 | 1.21 | 0.39 | 0.11 |  |
| -40                | 12.8 | 12.3 | 11.5 | 10.7 | 9.79 | 9.00 | 8.26 | 7.44 | 6.51 | 5.72 | 5.09 | 4.41 | 3.60 | 2.75 | 1.90 | 0.99 | 0.27 | 0.08 |  |
| -35                | 26.6 | 24.5 | 21.9 | 19.1 | 16.5 | 13.8 | 11.4 | 9.27 | 7.55 | 6.39 | 5.65 | 5.00 | 4.21 | 3.34 | 2.43 | 1.52 | 0.52 | 0.10 |  |
| -30                | 38.9 | 34.8 | 29.9 | 25.5 | 21.1 | 16.7 | 12.8 | 9.61 | 7.51 | 6.41 | 5.71 | 4.99 | 4.13 | 3.20 | 2.23 | 1.26 | 0.30 | 0.07 |  |
| -25                | 114  | 96.3 | 74.5 | 55.3 | 39.9 | 28.1 | 19.3 | 12.9 | 8.99 | 7.09 | 6.19 | 5.49 | 4.68 | 3.75 | 2.75 | 1.74 | 0.71 | 0.09 |  |
| -20                | 177  | 140  | 103  | 71.8 | 48.4 | 31.9 | 20.2 | 12.5 | 8.58 | 6.94 | 6.11 | 5.36 | 4.51 | 3.51 | 2.47 | 1.41 | 0.38 | 0.04 |  |
| -15                | 556  | 365  | 219  | 135  | 82.4 | 49.8 | 29.4 | 17.2 | 10.5 | 7.72 | 6.55 | 5.79 | 4.98 | 4.04 | 2.99 | 1.89 | 0.85 | 0.08 |  |
| -10                | 790  | 454  | 258  | 151  | 86.7 | 48.9 | 27.3 | 15.4 | 9.58 | 7.35 | 6.37 | 5.59 | 4.74 | 3.74 | 2.64 | 1.52 | 0.52 | 0.04 |  |
| -5                 | 1555 | 916  | 428  | 226  | 124  | 68.5 | 37.1 | 20.2 | 11.6 | 8.17 | 6.77 | 5.94 | 5.13 | 4.20 | 3.12 | 1.98 | 0.89 | 0.10 |  |
| 0                  | 1847 | 894  | 396  | 206  | 109  | 58.6 | 30.9 | 16.6 | 10.1 | 7.60 | 6.48 | 5.67 | 4.82 | 3.82 | 2.70 | 1.54 | 0.53 | 0.00 |  |
| 5                  | 1577 | 938  | 447  | 241  | 133  | 72.9 | 39.0 | 20.8 | 11.9 | 8.29 | 6.86 | 6.01 | 5.18 | 4.23 | 3.14 | 1.99 | 0.89 | 0.13 |  |
| 10                 | 833  | 497  | 293  | 174  | 100  | 55.1 | 29.7 | 16.3 | 9.92 | 7.55 | 6.52 | 5.70 | 4.82 | 3.79 | 2.67 | 1.53 | 0.53 | 0.06 |  |
| 15                 | 602  | 412  | 261  | 168  | 104  | 60.9 | 34.3 | 18.9 | 11.2 | 8.06 | 6.79 | 5.98 | 5.11 | 4.13 | 3.04 | 1.92 | 0.86 | 0.14 |  |
| 20                 | 225  | 188  | 145  | 104  | 68.5 | 42.0 | 24.4 | 14.0 | 9.22 | 7.31 | 6.40 | 5.59 | 4.67 | 3.61 | 2.52 | 1.43 | 0.49 | 0.07 |  |
| 25                 | 156  | 138  | 114  | 88.5 | 63.9 | 42.9 | 26.6 | 15.8 | 10.1 | 7.67 | 6.58 | 5.79 | 4.90 | 3.89 | 2.84 | 1.78 | 0.79 | 0.14 |  |
| 30                 | 75.2 | 70.1 | 62.4 | 52.8 | 41.6 | 29.5 | 18.9 | 11.9 | 8.48 | 7.00 | 6.13 | 5.31 | 4.35 | 3.33 | 2.30 | 1.29 | 0.45 | 0.08 |  |
| 35                 | 51.2 | 49.2 | 45.8 | 41.1 | 35.2 | 27.5 | 19.2 | 12.7 | 8.94 | 7.18 | 6.18 | 5.38 | 4.48 | 3.50 | 2.52 | 1.56 | 0.69 | 0.13 |  |
| 40                 | 26.1 | 25.9 | 25.6 | 25.0 | 23.0 | 18.7 | 13.6 | 9.83 | 7.67 | 6.45 | 5.60 | 4.78 | 3.83 | 2.88 | 1.96 | 1.09 | 0.39 | 0.08 |  |
| 45                 | 17.9 | 17.9 | 17.9 | 17.9 | 17.5 | 15.7 | 12.6 | 9.64 | 7.64 | 6.39 | 5.49 | 4.70 | 3.85 | 2.96 | 2.10 | 1.29 | 0.58 | 0.13 |  |
| 50                 | 9.72 | 9.91 | 10.2 | 10.7 | 10.9 | 10.3 | 9.03 | 7.61 | 6.47 | 5.55 | 4.75 | 3.97 | 3.15 | 2.34 | 1.58 | 0.87 | 0.33 | 0.09 |  |
| 55                 | 8.08 | 8.17 | 8.33 | 8.55 | 8.72 | 8.58 | 7.89 | 6.91 | 5.99 | 5.17 | 4.43 | 3.72 | 3.01 | 2.29 | 1.61 | 0.98 | 0.45 | 0.12 |  |
| 60                 | 6.49 | 6.55 | 6.59 | 6.61 | 6.56 | 6.38 | 6.00 | 5.45 | 4.83 | 4.18 | 3.55 | 2.91 | 2.29 | 1.68 | 1.13 | 0.63 | 0.25 | 0.10 |  |
| 65                 | 5.40 | 5.43 | 5.45 | 5.44 | 5.37 | 5.24 | 4.98 | 4.59 | 4.11 | 3.60 | 3.07 | 2.56 | 2.04 | 1.53 | 1.08 | 0.66 | 0.33 | 0.12 |  |
| 70                 | 4.32 | 4.32 | 4.30 | 4.23 | 4.10 | 3.91 | 3.68 | 3.36 | 2.99 | 2.60 | 2.19 | 1.79 | 1.38 | 1.01 | 0.68 | 0.41 | 0.19 | 0.10 |  |
| 75                 | 3.09 | 3.08 | 3.06 | 3.02 | 2.93 | 2.81 | 2.65 | 2.45 | 2.20 | 1.93 | 1.64 | 1.36 | 1.08 | 0.82 | 0.59 | 0.37 | 0.22 | 0.12 |  |
| 80                 | 1.86 | 1.83 | 1.79 | 1.74 | 1.68 | 1.58 | 1.48 | 1.35 | 1.20 | 1.04 | 0.88 | 0.72 | 0.57 | 0.43 | 0.32 | 0.19 | 0.15 | 0.11 |  |
| 85                 | 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 |  |
| 90                 | 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 |  |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:28 October 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks: