

# Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 6106.8 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 39.9V x 37.5H |
|             | At 50% of Imax | 18.0V x 17.5H |
|             | At 90% of Imax | 5.4V x 6.4H   |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 998.2 lumens per klm. |
|           | To 10% of Imax | 707.3 lumens per klm. |
|           | To 50% of Imax | 286.6 lumens per klm. |
|           | To 90% of Imax | 25.0 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 0.0 %  |
| Downward LOR | 99.8 % |

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

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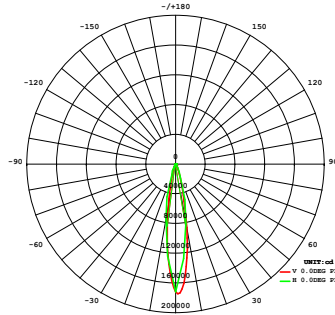
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:25 October 2019

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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:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

|   |                              |         |                 |          |
|---|------------------------------|---------|-----------------|----------|
|  | DATA OF LAMP                 |         | Eff:151.69lm/W  |          |
|   | NJZ-LED200-V01-RZ-15-PC-U-GR |         | Imax(cd)        | 174301   |
|   | NOMINAL POWER(W)             | 200     | AVAILABILITY(%) | 72.2     |
|   | RATED VOLTAGE(V)             | 220     | Avai. FLUX(lm)  | 20599    |
|   | NOMINAL FLUX(lm)             | 28542.1 | LOR(%)          | 100.0    |
|   | LAMPS INSIDE                 | 1       | TOTAL FLUX(lm)  | 28542    |
|   | TEST VOLTAGE(V)              | 220     | θ @50% (H,V)    | 18,18DEG |

| 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   | 0.05              | 0.36 | 1.05 | 2.15 | 3.48 | 4.76 | 5.86 | 6.65 | 7.02 | 7.05 | 6.74 | 6.03 | 4.97 | 3.65 | 2.24 | 1.10 | 0.37    | 0.05 | 63.6  | 0.00  |
| 70   | 0.07              | 0.57 | 1.71 | 3.42 | 5.46 | 7.37 | 8.83 | 9.75 | 10.2 | 10.2 | 9.90 | 9.19 | 7.84 | 5.76 | 3.57 | 1.77 | 0.58    | 0.07 | 96.3  | 0.00  |
| 60   | 0.10              | 0.82 | 2.42 | 4.72 | 7.44 | 10.0 | 12.1 | 13.7 | 14.5 | 14.5 | 14.1 | 13.5 | 11.5 | 8.04 | 4.91 | 2.50 | 0.83    | 0.10 | 136   | 0.00  |
| 50   | 0.12              | 1.04 | 3.02 | 5.73 | 9.14 | 13.6 | 19.1 | 24.7 | 27.8 | 28.0 | 26.4 | 23.6 | 17.2 | 10.2 | 5.97 | 3.11 | 1.06    | 0.12 | 220   | 0.00  |
| 40   | 0.15              | 1.23 | 3.49 | 6.45 | 10.6 | 20.4 | 38.6 | 61.2 | 78.2 | 79.6 | 67.1 | 48.2 | 26.0 | 12.0 | 6.69 | 3.57 | 1.25    | 0.15 | 465   | 0.00  |
| 30   | 0.17              | 1.38 | 3.81 | 6.91 | 12.2 | 30.7 | 79.3 | 165  | 258  | 263  | 179  | 93.8 | 36.8 | 13.5 | 7.15 | 3.88 | 1.39    | 0.16 | 1157  | 0.00  |
| 20   | 0.18              | 1.48 | 4.00 | 7.22 | 13.8 | 42.4 | 142  | 410  | 967  | 1024 | 445  | 158  | 47.5 | 15.0 | 7.43 | 4.05 | 1.48    | 0.18 | 3291  | 2089  |
| 10   | 0.19              | 1.53 | 4.08 | 7.37 | 15.0 | 51.6 | 206  | 802  | 2764 | 2851 | 845  | 213  | 54.8 | 15.9 | 7.58 | 4.12 | 1.53    | 0.18 | 7845  | 7077  |
| 0  | 0.19              | 1.53 | 4.08 | 7.41 | 15.3 | 53.8 | 222  | 982  | 3613 | 3417 | 875  | 209  | 53.5 | 15.7 | 7.54 | 4.11 | 1.52    | 0.18 | 9483  | 8725  |
| -10  | 0.18              | 1.48 | 4.01 | 7.27 | 14.5 | 46.9 | 168  | 521  | 1219 | 1054 | 427  | 151  | 44.7 | 14.4 | 7.37 | 4.03 | 1.47    | 0.17 | 3686  | 2708  |
| -20  | 0.17              | 1.40 | 3.85 | 7.02 | 13.0 | 36.8 | 101  | 196  | 215  | 195  | 161  | 85.8 | 32.7 | 12.8 | 7.05 | 3.86 | 1.38    | 0.16 | 1074  | 0.00  |
| -30  | 0.14              | 1.27 | 3.57 | 6.61 | 11.6 | 26.8 | 53.7 | 74.2 | 76.6 | 72.8 | 64.5 | 43.3 | 22.0 | 11.1 | 6.62 | 3.57 | 1.25    | 0.14 | 480   | 0.00  |
| -40  | 0.12              | 1.10 | 3.17 | 6.00 | 10.1 | 18.2 | 26.3 | 27.3 | 26.1 | 25.7 | 24.7 | 19.9 | 14.1 | 9.50 | 5.94 | 3.13 | 1.07    | 0.11 | 223   | 0.00  |
| -50  | 0.09              | 0.89 | 2.61 | 5.08 | 8.33 | 11.9 | 13.4 | 13.3 | 13.4 | 13.3 | 13.1 | 12.1 | 10.5 | 7.88 | 5.00 | 2.57 | 0.86    | 0.08 | 134   | 0.00  |
| -60  | 0.06              | 0.64 | 1.94 | 3.86 | 6.20 | 8.26 | 9.39 | 10.0 | 10.4 | 10.4 | 10.0 | 9.31 | 7.95 | 5.96 | 3.76 | 1.88 | 0.62    | 0.05 | 101   | 0.00  |
| -70  | 0.04              | 0.40 | 1.19 | 2.43 | 3.93 | 5.32 | 6.41 | 7.14 | 7.45 | 7.44 | 7.10 | 6.32 | 5.20 | 3.80 | 2.35 | 1.14 | 0.37    | 0.03 | 68.1  | 0.00  |
| -80  | 0.02              | 0.13 | 0.36 | 0.72 | 1.13 | 1.51 | 1.87 | 2.10 | 2.19 | 2.19 | 2.07 | 1.77 | 1.38 | 0.99 | 0.59 | 0.26 | 0.08    | 0.01 | 19.4  | 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  | 2.02              | 17.2 | 48.4 | 90.4 | 161  | 390  | 1114 | 3327 | 9309 | 9076 | 3177 | 1105 | 399  | 166  | 91.8 | 48.6 | 17.1    | 1.94 | 28542 | ---   |
| Φ a  | 0.00              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 32.1 | 2065 | 8405 | 8161 | 1936 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | ---   | 20599 |

one-half-peak spread: U:9.5,D:8.7 , L:9.0,R:8.6

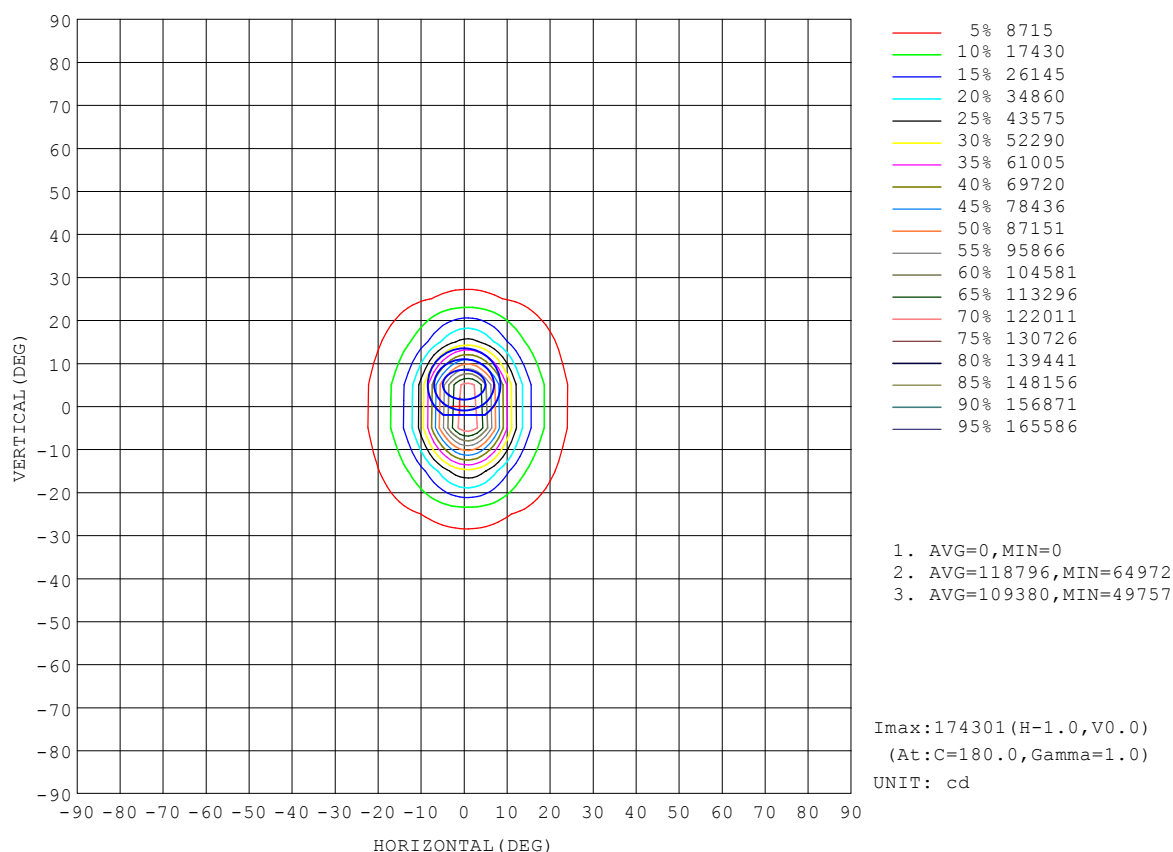
NEMA Beam Type: Type 3

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:25 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:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

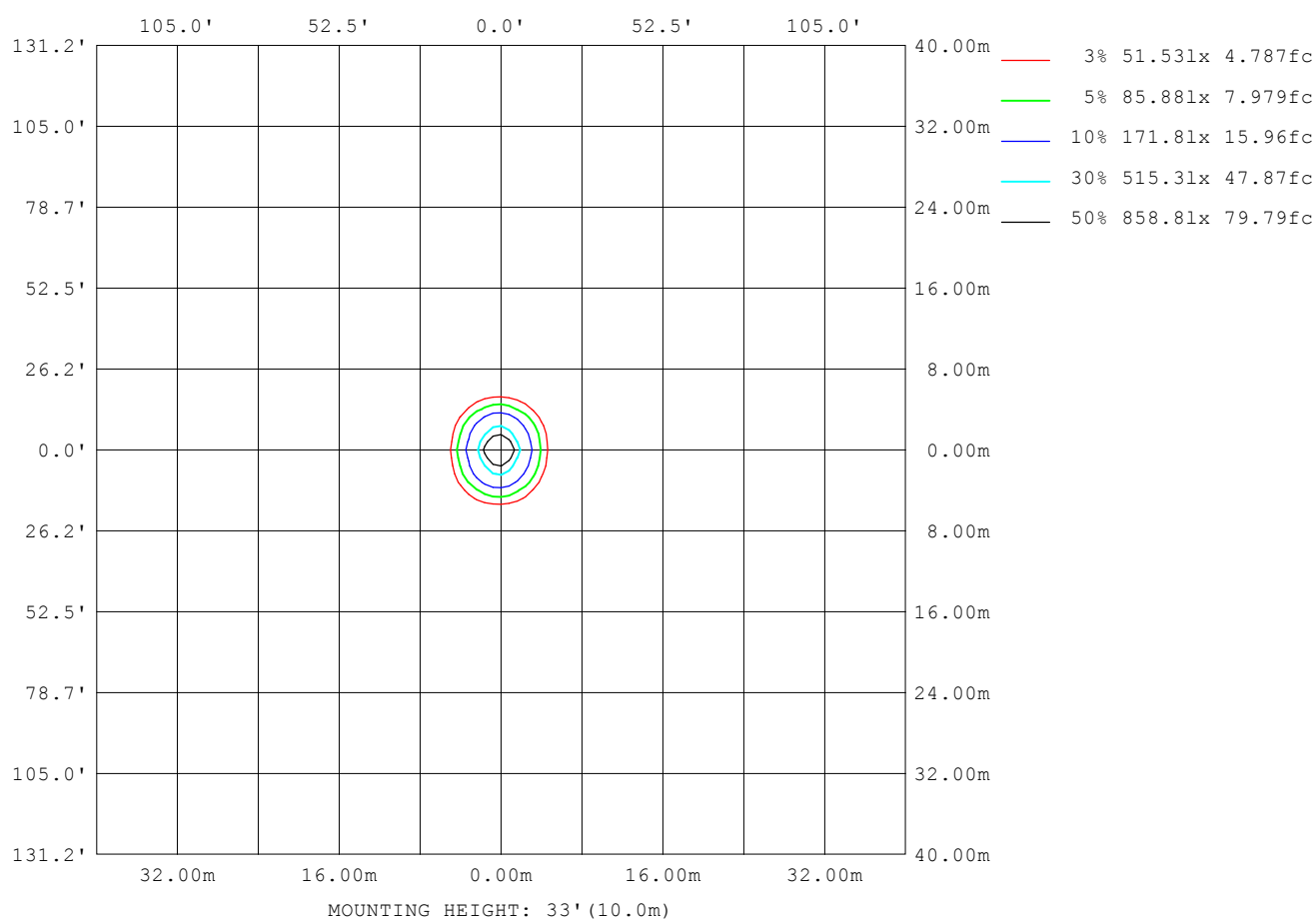


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:25 October 2019

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

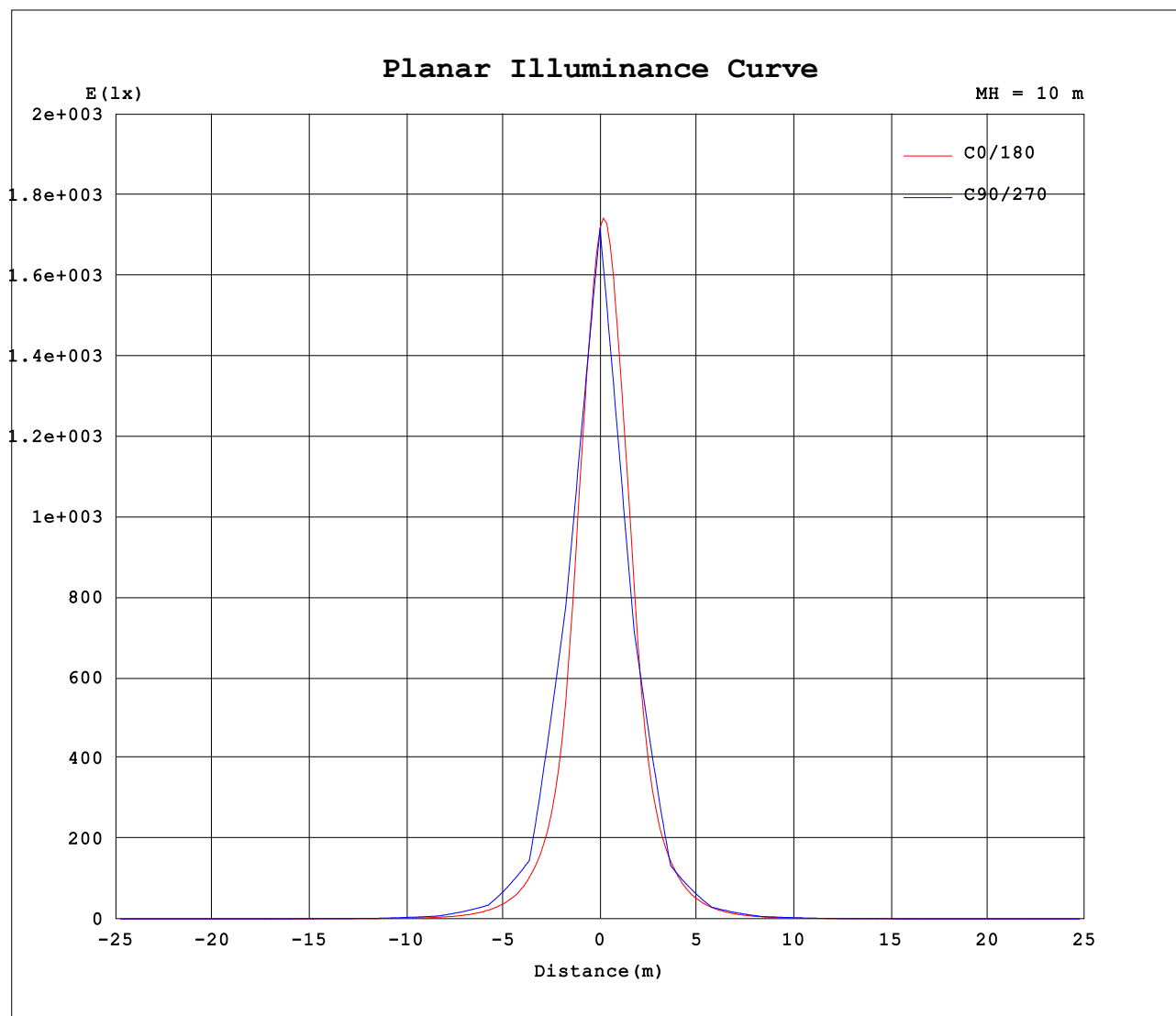
|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | 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:25 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



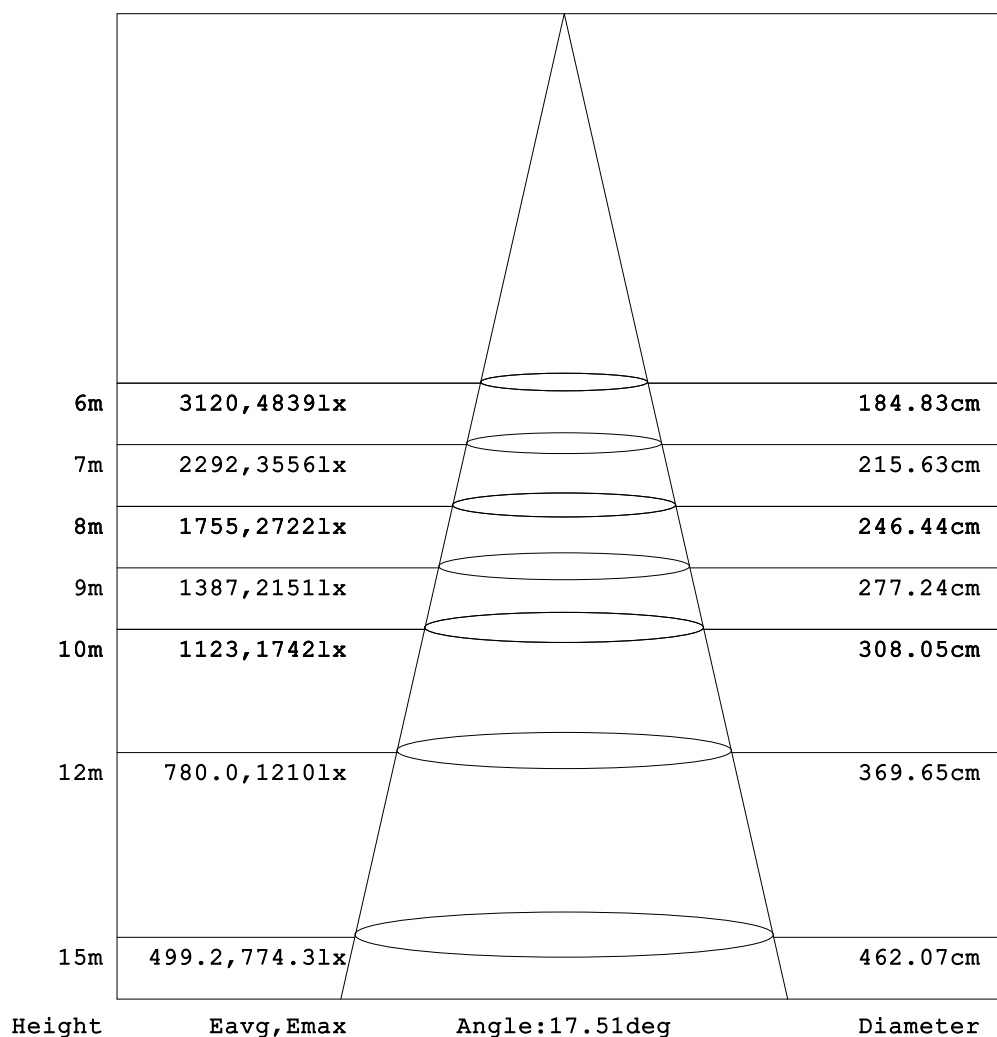
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:25 October 2019

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:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Flux out:8852 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:25 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:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | 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                | 0.05 | 0.09 | 0.21 | 0.36 | 0.50 | 0.65 | 0.82 | 0.99 | 1.15 | 1.29 | 1.40 | 1.50 | 1.60 | 1.67 | 1.73 | 1.76 | 1.77 | 1.77 | 1.78 |
| -75                | 0.02 | 0.07 | 0.21 | 0.43 | 0.63 | 0.85 | 1.09 | 1.32 | 1.55 | 1.76 | 1.95 | 2.10 | 2.22 | 2.30 | 2.36 | 2.40 | 2.42 | 2.43 | 2.43 |
| -70                | 0.05 | 0.13 | 0.39 | 0.67 | 0.94 | 1.24 | 1.54 | 1.83 | 2.12 | 2.40 | 2.62 | 2.80 | 2.91 | 2.98 | 3.03 | 3.06 | 3.08 | 3.08 | 3.08 |
| -65                | 0.01 | 0.09 | 0.35 | 0.70 | 1.03 | 1.39 | 1.75 | 2.10 | 2.45 | 2.78 | 3.09 | 3.33 | 3.50 | 3.56 | 3.58 | 3.59 | 3.59 | 3.60 | 3.61 |
| -60                | 0.06 | 0.19 | 0.61 | 1.00 | 1.41 | 1.83 | 2.24 | 2.64 | 3.04 | 3.43 | 3.77 | 4.03 | 4.16 | 4.16 | 4.14 | 4.12 | 4.12 | 4.12 | 4.13 |
| -55                | 0.00 | 0.12 | 0.51 | 0.97 | 1.42 | 1.89 | 2.35 | 2.78 | 3.22 | 3.69 | 4.22 | 4.76 | 5.20 | 5.38 | 5.38 | 5.34 | 5.34 | 5.36 | 5.37 |
| -50                | 0.05 | 0.27 | 0.81 | 1.30 | 1.81 | 2.33 | 2.82 | 3.26 | 3.76 | 4.37 | 5.10 | 5.89 | 6.47 | 6.62 | 6.58 | 6.56 | 6.58 | 6.60 | 6.60 |
| -45                | 0.00 | 0.16 | 0.68 | 1.21 | 1.76 | 2.31 | 2.84 | 3.30 | 3.77 | 4.40 | 5.36 | 6.78 | 8.50 | 9.87 | 10.6 | 11.1 | 11.4 | 11.6 | 11.7 |
| -40                | 0.05 | 0.38 | 0.98 | 1.56 | 2.15 | 2.72 | 3.25 | 3.70 | 4.23 | 5.10 | 6.64 | 9.05 | 11.8 | 13.9 | 15.1 | 15.8 | 16.4 | 16.8 | 16.8 |
| -35                | 0.00 | 0.20 | 0.81 | 1.41 | 2.02 | 2.62 | 3.18 | 3.66 | 4.15 | 4.90 | 6.48 | 9.42 | 13.8 | 18.6 | 23.2 | 27.7 | 31.4 | 34.0 | 35.0 |
| -30                | 0.05 | 0.49 | 1.12 | 1.76 | 2.38 | 2.99 | 3.52 | 3.97 | 4.55 | 5.69 | 8.28 | 13.0 | 19.7 | 27.2 | 35.0 | 42.8 | 48.8 | 52.4 | 53.2 |
| -25                | 0.00 | 0.27 | 0.91 | 1.57 | 2.22 | 2.85 | 3.40 | 3.88 | 4.40 | 5.36 | 7.64 | 12.4 | 20.3 | 31.9 | 47.5 | 66.3 | 87.4 | 106  | 115  |
| -20                | 0.06 | 0.57 | 1.22 | 1.91 | 2.56 | 3.16 | 3.69 | 4.15 | 4.84 | 6.40 | 10.1 | 17.3 | 29.3 | 48.3 | 74.3 | 107  | 141  | 170  | 176  |
| -15                | 0.00 | 0.34 | 0.97 | 1.67 | 2.35 | 2.98 | 3.52 | 4.01 | 4.59 | 5.80 | 8.79 | 15.2 | 27.1 | 48.5 | 84.6 | 142  | 238  | 386  | 498  |
| -10                | 0.06 | 0.59 | 1.28 | 1.99 | 2.66 | 3.24 | 3.76 | 4.26 | 5.08 | 7.01 | 11.6 | 21.0 | 39.4 | 73.2 | 135  | 243  | 441  | 723  | 814  |
| -5                 | 0.00 | 0.37 | 1.01 | 1.73 | 2.41 | 3.04 | 3.56 | 4.07 | 4.71 | 6.09 | 9.54 | 17.0 | 32.2 | 61.7 | 119  | 230  | 480  | 942  | 1275 |
| 0                  | 0.06 | 0.61 | 1.31 | 2.03 | 2.70 | 3.27 | 3.77 | 4.30 | 5.19 | 7.24 | 12.2 | 22.8 | 44.3 | 86.9 | 174  | 366  | 867  | 1503 | 1718 |
| 5                  | 0.00 | 0.37 | 1.01 | 1.72 | 2.41 | 3.03 | 3.56 | 4.06 | 4.70 | 6.05 | 9.44 | 16.8 | 31.8 | 60.9 | 117  | 226  | 471  | 922  | 1243 |
| 10                 | 0.11 | 0.59 | 1.28 | 1.98 | 2.65 | 3.23 | 3.75 | 4.25 | 5.04 | 6.92 | 11.3 | 20.3 | 38.3 | 71.0 | 130  | 232  | 417  | 670  | 749  |
| 15                 | 0.00 | 0.35 | 0.97 | 1.66 | 2.33 | 2.96 | 3.50 | 3.99 | 4.55 | 5.70 | 8.48 | 14.5 | 25.7 | 45.9 | 79.8 | 135  | 224  | 360  | 458  |
| 20                 | 0.10 | 0.56 | 1.21 | 1.89 | 2.54 | 3.14 | 3.66 | 4.13 | 4.77 | 6.18 | 9.51 | 16.0 | 26.7 | 43.8 | 67.6 | 97.6 | 130  | 155  | 160  |
| 25                 | 0.02 | 0.33 | 0.90 | 1.55 | 2.19 | 2.81 | 3.36 | 3.83 | 4.33 | 5.19 | 7.16 | 11.1 | 17.7 | 27.7 | 41.5 | 58.6 | 78.2 | 95.0 | 103  |
| 30                 | 0.10 | 0.51 | 1.10 | 1.73 | 2.34 | 2.94 | 3.46 | 3.91 | 4.43 | 5.40 | 7.45 | 10.9 | 15.9 | 21.9 | 28.4 | 35.0 | 40.8 | 44.5 | 45.3 |
| 35                 | 0.00 | 0.30 | 0.79 | 1.38 | 1.98 | 2.56 | 3.11 | 3.57 | 4.02 | 4.68 | 5.87 | 7.88 | 10.8 | 14.3 | 18.3 | 22.3 | 26.0 | 28.6 | 29.7 |
| 40                 | 0.09 | 0.44 | 0.96 | 1.52 | 2.08 | 2.64 | 3.15 | 3.58 | 4.06 | 4.74 | 5.69 | 6.94 | 8.40 | 9.90 | 11.4 | 12.8 | 13.6 | 14.0 | 14.1 |
| 45                 | 0.00 | 0.26 | 0.67 | 1.17 | 1.69 | 2.21 | 2.72 | 3.16 | 3.59 | 4.11 | 4.75 | 5.48 | 6.33 | 7.20 | 8.10 | 8.98 | 9.61 | 9.94 | 10.0 |
| 50                 | 0.09 | 0.36 | 0.77 | 1.24 | 1.72 | 2.21 | 2.67 | 3.08 | 3.51 | 3.97 | 4.36 | 4.68 | 4.95 | 5.23 | 5.53 | 5.77 | 5.91 | 5.96 | 5.98 |
| 55                 | 0.00 | 0.20 | 0.52 | 0.92 | 1.33 | 1.77 | 2.20 | 2.60 | 2.99 | 3.38 | 3.73 | 4.00 | 4.23 | 4.41 | 4.59 | 4.76 | 4.86 | 4.90 | 4.93 |
| 60                 | 0.08 | 0.28 | 0.58 | 0.93 | 1.30 | 1.69 | 2.06 | 2.42 | 2.77 | 3.08 | 3.33 | 3.52 | 3.66 | 3.74 | 3.81 | 3.84 | 3.86 | 3.87 | 3.87 |
| 65                 | 0.00 | 0.14 | 0.37 | 0.64 | 0.94 | 1.26 | 1.58 | 1.89 | 2.20 | 2.48 | 2.73 | 2.91 | 3.06 | 3.16 | 3.24 | 3.29 | 3.31 | 3.33 | 3.34 |
| 70                 | 0.08 | 0.18 | 0.37 | 0.59 | 0.83 | 1.09 | 1.36 | 1.62 | 1.86 | 2.09 | 2.28 | 2.43 | 2.56 | 2.64 | 2.71 | 2.75 | 2.78 | 2.79 | 2.80 |
| 75                 | 0.02 | 0.10 | 0.23 | 0.38 | 0.55 | 0.73 | 0.92 | 1.12 | 1.31 | 1.48 | 1.64 | 1.76 | 1.87 | 1.95 | 2.02 | 2.07 | 2.10 | 2.12 | 2.13 |
| 80                 | 0.06 | 0.10 | 0.20 | 0.30 | 0.40 | 0.52 | 0.64 | 0.77 | 0.90 | 1.01 | 1.10 | 1.18 | 1.25 | 1.33 | 1.38 | 1.43 | 1.45 | 1.45 | 1.46 |
| 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:25 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:220.04V I:0.8719A P:188.17W PF:0.9808 Freq:49.99Hz Lamp Flux:28542.1x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:200W   | 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                | 1.77  | 1.76 | 1.74 | 1.69 | 1.62 | 1.53 | 1.44 | 1.33 | 1.21 | 1.07 | 0.91 | 0.74 | 0.58 | 0.43 | 0.30 | 0.15 | 0.07 | 0.06 |  |
| -75                | 2.43  | 2.42 | 2.40 | 2.36 | 2.29 | 2.21 | 2.10 | 1.96 | 1.80 | 1.61 | 1.39 | 1.16 | 0.93 | 0.71 | 0.51 | 0.30 | 0.11 | 0.07 |  |
| -70                | 3.07  | 3.05 | 3.03 | 2.97 | 2.90 | 2.80 | 2.66 | 2.47 | 2.24 | 1.97 | 1.70 | 1.40 | 1.10 | 0.82 | 0.56 | 0.26 | 0.08 | 0.06 |  |
| -65                | 3.60  | 3.59 | 3.57 | 3.54 | 3.48 | 3.40 | 3.26 | 3.07 | 2.83 | 2.53 | 2.20 | 1.86 | 1.51 | 1.16 | 0.82 | 0.49 | 0.16 | 0.06 |  |
| -60                | 4.12  | 4.11 | 4.10 | 4.06 | 4.01 | 3.90 | 3.71 | 3.48 | 3.18 | 2.83 | 2.44 | 2.05 | 1.64 | 1.22 | 0.83 | 0.41 | 0.10 | 0.05 |  |
| -55                | 5.36  | 5.34 | 5.29 | 5.15 | 4.95 | 4.71 | 4.42 | 4.11 | 3.75 | 3.33 | 2.91 | 2.51 | 2.06 | 1.59 | 1.14 | 0.70 | 0.22 | 0.06 |  |
| -50                | 6.59  | 6.54 | 6.40 | 6.09 | 5.71 | 5.30 | 4.87 | 4.47 | 3.98 | 3.49 | 3.06 | 2.61 | 2.11 | 1.59 | 1.09 | 0.59 | 0.13 | 0.04 |  |
| -45                | 11.7  | 11.4 | 10.8 | 9.89 | 8.63 | 7.35 | 6.19 | 5.29 | 4.56 | 3.94 | 3.46 | 3.02 | 2.51 | 1.96 | 1.41 | 0.88 | 0.31 | 0.05 |  |
| -40                | 16.6  | 15.9 | 14.6 | 12.7 | 10.5 | 8.43 | 6.74 | 5.51 | 4.60 | 3.98 | 3.51 | 3.03 | 2.47 | 1.89 | 1.31 | 0.74 | 0.16 | 0.03 |  |
| -35                | 34.4  | 32.0 | 28.0 | 23.1 | 18.1 | 13.4 | 9.56 | 6.89 | 5.32 | 4.41 | 3.85 | 3.38 | 2.85 | 2.26 | 1.65 | 1.03 | 0.42 | 0.05 |  |
| -30                | 50.7  | 45.2 | 37.6 | 29.4 | 21.8 | 15.1 | 9.94 | 6.81 | 5.20 | 4.33 | 3.82 | 3.33 | 2.76 | 2.13 | 1.49 | 0.85 | 0.21 | 0.02 |  |
| -25                | 109   | 91.8 | 70.7 | 50.9 | 35.1 | 22.8 | 14.1 | 8.77 | 6.09 | 4.78 | 4.10 | 3.62 | 3.08 | 2.47 | 1.82 | 1.15 | 0.51 | 0.05 |  |
| -20                | 156   | 122  | 87.2 | 59.1 | 37.7 | 22.8 | 13.3 | 8.09 | 5.72 | 4.58 | 4.00 | 3.50 | 2.94 | 2.29 | 1.61 | 0.92 | 0.29 | 0.00 |  |
| -15                | 436   | 277  | 164  | 98.6 | 58.1 | 33.6 | 18.8 | 10.6 | 6.81 | 5.10 | 4.27 | 3.75 | 3.22 | 2.61 | 1.93 | 1.23 | 0.55 | 0.05 |  |
| -10                | 591   | 326  | 180  | 101  | 56.1 | 30.6 | 16.6 | 9.34 | 6.22 | 4.81 | 4.11 | 3.59 | 3.04 | 2.40 | 1.70 | 0.97 | 0.34 | 0.00 |  |
| -5                 | 1084  | 614  | 284  | 146  | 77.0 | 41.7 | 22.1 | 11.9 | 7.33 | 5.32 | 4.36 | 3.80 | 3.28 | 2.68 | 2.00 | 1.27 | 0.57 | 0.05 |  |
| 0                  | 1223  | 567  | 250  | 125  | 64.8 | 34.1 | 17.9 | 9.91 | 6.44 | 4.91 | 4.14 | 3.61 | 3.07 | 2.43 | 1.72 | 0.99 | 0.34 | 0.00 |  |
| 5                  | 1056  | 605  | 282  | 147  | 77.7 | 42.0 | 22.4 | 12.1 | 7.41 | 5.35 | 4.37 | 3.81 | 3.28 | 2.69 | 2.00 | 1.27 | 0.57 | 0.07 |  |
| 10                 | 550   | 317  | 179  | 103  | 57.2 | 31.3 | 17.0 | 9.64 | 6.33 | 4.84 | 4.13 | 3.60 | 3.05 | 2.41 | 1.70 | 0.97 | 0.34 | 0.00 |  |
| 15                 | 401   | 263  | 160  | 99.0 | 59.3 | 34.6 | 19.6 | 11.1 | 7.02 | 5.16 | 4.29 | 3.77 | 3.23 | 2.62 | 1.94 | 1.23 | 0.55 | 0.09 |  |
| 20                 | 143   | 114  | 84.4 | 59.5 | 38.8 | 23.9 | 14.1 | 8.50 | 5.86 | 4.63 | 4.02 | 3.52 | 2.95 | 2.30 | 1.61 | 0.92 | 0.32 | 0.00 |  |
| 25                 | 98.2  | 83.6 | 66.2 | 50.0 | 35.9 | 24.1 | 15.2 | 9.39 | 6.34 | 4.85 | 4.13 | 3.64 | 3.10 | 2.48 | 1.82 | 1.14 | 0.51 | 0.09 |  |
| 30                 | 43.5  | 39.6 | 34.4 | 28.8 | 22.8 | 16.4 | 10.9 | 7.29 | 5.34 | 4.38 | 3.84 | 3.35 | 2.76 | 2.13 | 1.48 | 0.84 | 0.30 | 0.00 |  |
| 35                 | 29.3  | 27.5 | 25.0 | 21.9 | 18.7 | 14.8 | 10.8 | 7.60 | 5.60 | 4.49 | 3.87 | 3.39 | 2.85 | 2.24 | 1.63 | 1.01 | 0.45 | 0.09 |  |
| 40                 | 13.9  | 13.6 | 13.1 | 12.6 | 11.6 | 9.98 | 7.85 | 6.05 | 4.79 | 4.03 | 3.52 | 3.03 | 2.45 | 1.86 | 1.28 | 0.72 | 0.26 | 0.00 |  |
| 45                 | 10.00 | 9.84 | 9.63 | 9.40 | 9.08 | 8.38 | 7.18 | 5.85 | 4.77 | 4.00 | 3.46 | 2.99 | 2.48 | 1.92 | 1.38 | 0.85 | 0.38 | 0.08 |  |
| 50                 | 5.97  | 5.95 | 5.96 | 6.02 | 6.08 | 5.92 | 5.41 | 4.73 | 4.06 | 3.50 | 3.03 | 2.56 | 2.06 | 1.55 | 1.05 | 0.58 | 0.22 | 0.01 |  |
| 55                 | 4.93  | 4.92 | 4.93 | 4.96 | 5.00 | 4.98 | 4.73 | 4.30 | 3.79 | 3.30 | 2.86 | 2.43 | 1.99 | 1.53 | 1.08 | 0.66 | 0.31 | 0.07 |  |
| 60                 | 3.88  | 3.88 | 3.91 | 3.93 | 3.95 | 3.91 | 3.74 | 3.47 | 3.11 | 2.74 | 2.35 | 1.95 | 1.55 | 1.15 | 0.78 | 0.43 | 0.15 | 0.02 |  |
| 65                 | 3.34  | 3.34 | 3.34 | 3.34 | 3.33 | 3.29 | 3.18 | 2.98 | 2.72 | 2.41 | 2.08 | 1.75 | 1.41 | 1.07 | 0.75 | 0.46 | 0.21 | 0.06 |  |
| 70                 | 2.80  | 2.79 | 2.78 | 2.75 | 2.70 | 2.61 | 2.48 | 2.31 | 2.08 | 1.82 | 1.55 | 1.28 | 0.99 | 0.73 | 0.49 | 0.29 | 0.11 | 0.04 |  |
| 75                 | 2.13  | 2.13 | 2.11 | 2.08 | 2.04 | 1.97 | 1.87 | 1.75 | 1.60 | 1.42 | 1.22 | 1.01 | 0.81 | 0.61 | 0.44 | 0.28 | 0.13 | 0.06 |  |
| 80                 | 1.46  | 1.45 | 1.42 | 1.38 | 1.33 | 1.26 | 1.18 | 1.09 | 0.99 | 0.86 | 0.72 | 0.59 | 0.46 | 0.35 | 0.25 | 0.14 | 0.08 | 0.04 |  |
| 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:25 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: