

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 542.1 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 127.7V x 130.3H |
| | At 50% of Imax | 84.3V x 83.6H |
| | At 90% of Imax | 47.2V x 46.7H |

| | | |
|-----------|----------------|-----------------------|
| Beam Flux | Total | 998.9 lumens per klm. |
| | To 10% of Imax | 935.3 lumens per klm. |
| | To 50% of Imax | 689.9 lumens per klm. |
| | To 90% of Imax | 266.7 lumens per klm. |

| | |
|--------------|--------|
| Upward LOR | 0.0 % |
| Downward LOR | 99.9 % |

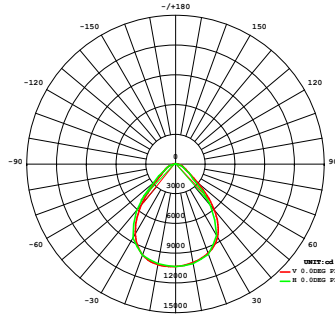
| | |
|---|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|---|---------|

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| | | | | |
|---|------------------------------|---------|-----------------|----------|
|  | DATA OF LAMP | | Eff:135.84lm/W | |
| | NJZ-EM0150-V01-RZ-90-PC-U-GR | | Imax(cd) | 10358 |
| | NOMINAL POWER(W) | 150 | AVAILABILITY(%) | 93.5 |
| | RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 17864 |
| | NOMINAL FLUX(lm) | 19108.1 | LOR(%) | 100.0 |
| | LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 19108 |
| | TEST VOLTAGE(V) | 220 | θ @50%(H,V) | 84,84DEG |

| | | 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 | | | |
| VERTICAL (DEG) | 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 | 0.10 | 1.10 | 3.29 | 6.16 | 9.70 | 13.1 | 16.1 | 18.4 | 19.6 | 19.6 | 18.5 | 16.3 | 13.2 | 9.58 | 5.94 | 2.89 | 0.80 | 0.05 | 174 | 0.00 |
| | 70 | 0.20 | 1.96 | 5.50 | 10.1 | 15.2 | 20.6 | 25.6 | 29.1 | 31.0 | 31.2 | 29.8 | 26.4 | 21.4 | 15.8 | 10.3 | 5.44 | 1.70 | 0.13 | 282 | 88.0 |
| | 60 | 0.31 | 2.83 | 7.70 | 14.1 | 21.9 | 31.2 | 42.0 | 52.5 | 58.9 | 58.5 | 51.8 | 41.7 | 31.7 | 22.8 | 14.9 | 7.99 | 2.64 | 0.22 | 464 | 389 |
| | 50 | 0.41 | 3.49 | 9.40 | 17.8 | 30.1 | 51.0 | 81.7 | 112 | 129 | 127 | 107 | 75.7 | 47.8 | 29.9 | 18.6 | 9.87 | 3.37 | 0.31 | 855 | 811 |
| | 40 | 0.49 | 4.02 | 10.9 | 21.7 | 43.5 | 90.8 | 153 | 201 | 225 | 223 | 194 | 140 | 79.8 | 39.9 | 22.1 | 11.4 | 3.93 | 0.39 | 1465 | 1434 |
| | 30 | 0.55 | 4.40 | 12.1 | 26.1 | 64.4 | 140 | 213 | 260 | 282 | 282 | 257 | 201 | 124 | 55.2 | 25.5 | 12.7 | 4.36 | 0.45 | 1963 | 1938 |
| | | 0.58 | 4.67 | 13.0 | 30.4 | 85.6 | 172 | 243 | 283 | 303 | 305 | 286 | 235 | 156 | 71.9 | 28.6 | 13.5 | 4.64 | 0.49 | 2237 | 2214 |
| | | 0.60 | 4.77 | 13.4 | 33.2 | 96.7 | 185 | 251 | 290 | 310 | 313 | 296 | 249 | 170 | 81.9 | 30.5 | 13.9 | 4.78 | 0.51 | 2345 | 2324 |
| | | 0.60 | 4.75 | 13.4 | 32.9 | 95.3 | 183 | 249 | 288 | 309 | 312 | 295 | 247 | 169 | 80.7 | 30.2 | 13.8 | 4.74 | 0.50 | 2329 | 2308 |
| | | 0.57 | 4.55 | 12.7 | 29.4 | 81.6 | 165 | 235 | 278 | 300 | 302 | 282 | 230 | 151 | 69.3 | 28.0 | 13.3 | 4.59 | 0.48 | 2188 | 2165 |
| -30 | 0.52 | 4.26 | 11.8 | 24.9 | 60.3 | 131 | 202 | 250 | 273 | 273 | 248 | 192 | 116 | 51.9 | 24.6 | 12.3 | 4.26 | 0.43 | 1881 | 1854 | |
| | 0.45 | 3.81 | 10.5 | 20.5 | 39.2 | 83.0 | 141 | 188 | 212 | 210 | 181 | 130 | 73.0 | 36.8 | 21.2 | 11.0 | 3.80 | 0.37 | 1366 | 1333 | |
| | 0.37 | 3.28 | 8.98 | 16.9 | 27.1 | 43.5 | 72.0 | 102 | 118 | 116 | 95.6 | 65.9 | 41.0 | 27.6 | 17.6 | 9.33 | 3.18 | 0.28 | 769 | 720 | |
| | 0.28 | 2.59 | 7.20 | 13.2 | 20.3 | 27.2 | 33.2 | 39.7 | 44.4 | 44.0 | 39.4 | 34.1 | 28.3 | 21.1 | 13.8 | 7.32 | 2.41 | 0.19 | 379 | 269 | |
| -60 | 0.18 | 1.77 | 5.06 | 9.29 | 14.0 | 18.7 | 22.8 | 25.1 | 25.9 | 26.2 | 25.9 | 23.6 | 19.2 | 14.2 | 9.26 | 4.80 | 1.47 | 0.10 | 248 | 16.5 | |
| -70 | 0.08 | 0.86 | 2.58 | 4.93 | 7.67 | 10.3 | 12.8 | 14.5 | 15.4 | 15.4 | 14.5 | 12.8 | 10.2 | 7.38 | 4.44 | 2.11 | 0.56 | 0.03 | 137 | 0.00 | |
| -80 | 0.01 | 0.13 | 0.44 | 0.94 | 1.51 | 2.04 | 2.61 | 3.11 | 3.38 | 3.33 | 2.96 | 2.39 | 1.73 | 1.17 | 0.64 | 0.23 | 0.04 | 0.00 | 26.7 | 0.00 | |
| -90 | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL (DEG) | | | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
| Φ t | 6.30 | 53.2 | 148 | 313 | 714 | 1368 | 1996 | 2435 | 2661 | 2663 | 2423 | 1924 | 1253 | 637 | 306 | 152 | 51.3 | 4.94 | 19108 | --- | |
| Φ a | 0.00 | 0.00 | 33.7 | 227 | 637 | 1292 | 1920 | 2359 | 2584 | 2586 | 2349 | 1853 | 1183 | 566 | 228 | 45.1 | 0.00 | 0.00 | --- | 17864 | |

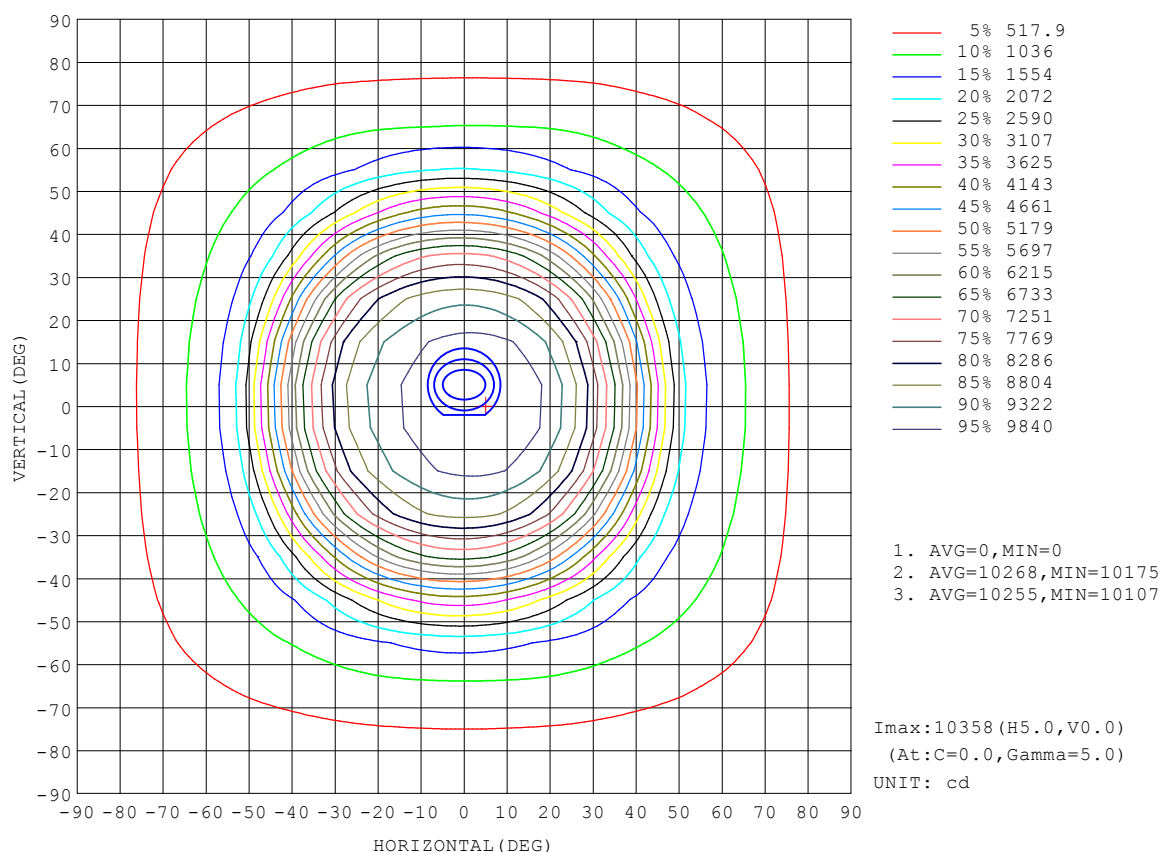
one-half-peak spread: U:41.3,D:43.4 , L:48.1,R:35.8 Beam Type: Type 7 x 6 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

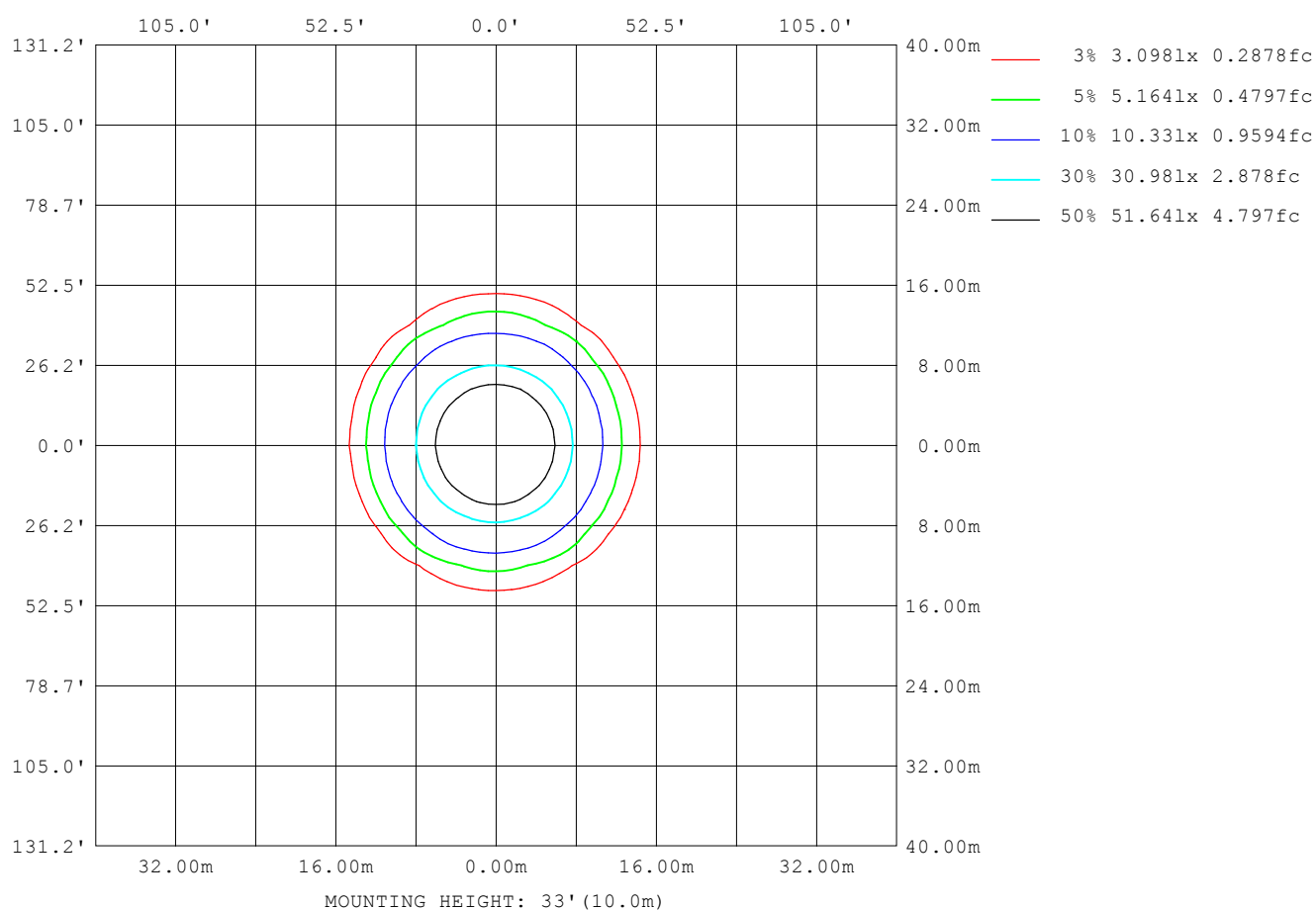


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 October 2019

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

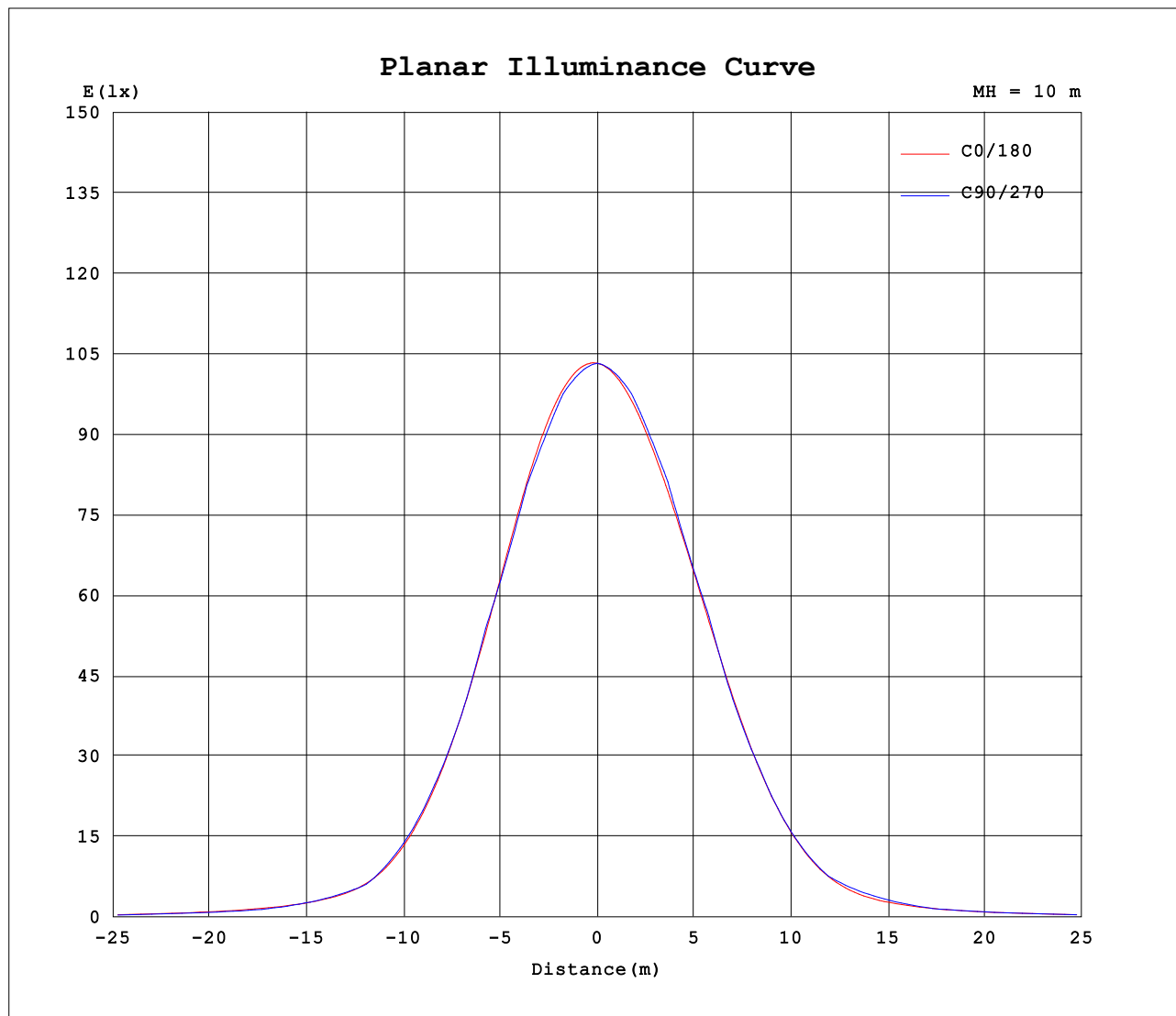
| | | |
|--|-----------------|---------------------|
| Test:U:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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



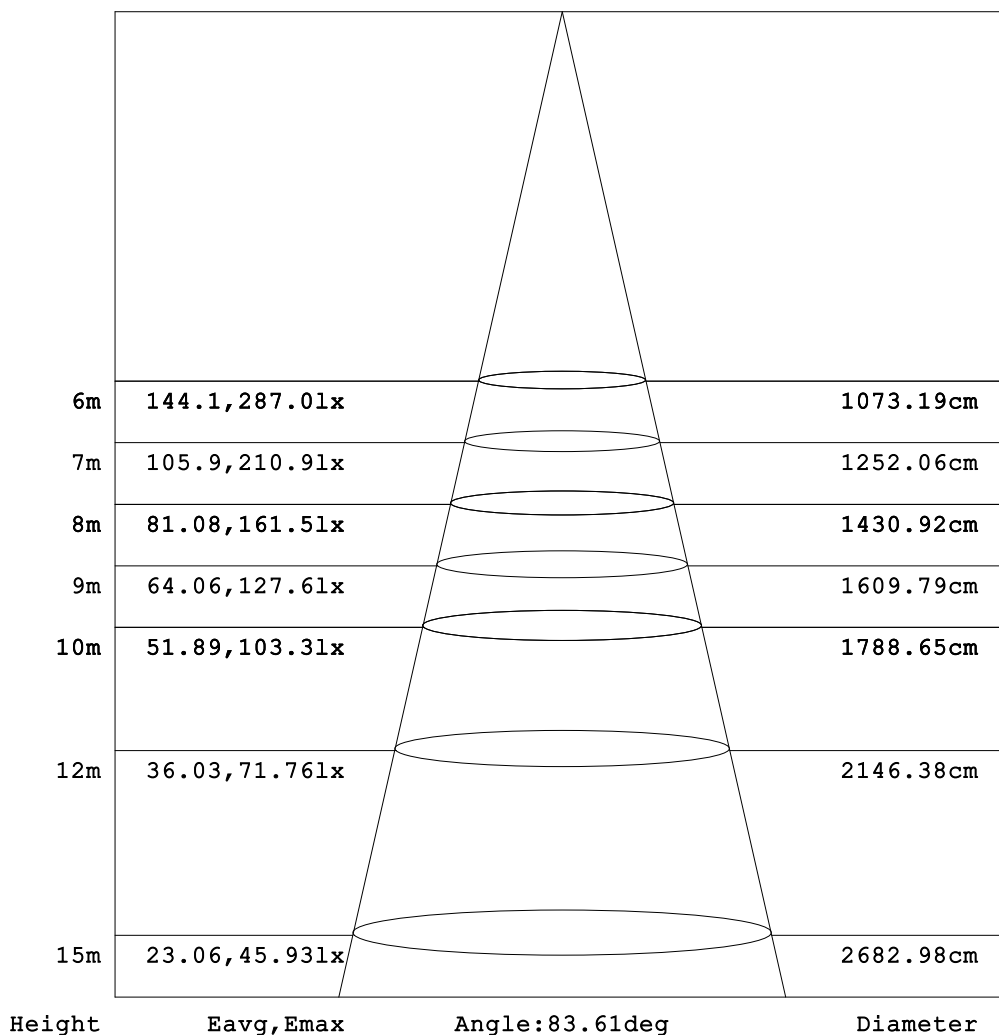
$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: CL
 Test Date: 18 October 2019

$V(B)$ 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:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:13216 lm



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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--1

UNIT: ×10cd

| H (DEG) 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 | 0.26 | 0.76 | 2.87 | 5.66 | 8.39 | 11.1 | 13.9 | 16.6 | 19.0 | 21.4 | 23.0 | 24.8 | 26.5 | 28.2 | 29.6 | 30.8 | 31.7 | 32.1 | 32.2 |
| -75 | 0.26 | 1.54 | 5.90 | 10.5 | 15.3 | 20.1 | 24.2 | 28.2 | 32.4 | 35.8 | 38.7 | 41.7 | 44.4 | 46.8 | 48.7 | 50.0 | 51.0 | 51.7 | 52.0 |
| -70 | 0.27 | 2.32 | 8.93 | 15.4 | 22.2 | 29.1 | 34.5 | 39.8 | 45.8 | 50.2 | 54.3 | 58.5 | 62.3 | 65.4 | 67.7 | 69.2 | 70.3 | 71.3 | 71.8 |
| -65 | 0.27 | 3.71 | 12.2 | 21.1 | 30.2 | 38.5 | 45.7 | 52.4 | 59.2 | 65.0 | 70.6 | 76.1 | 81.2 | 85.7 | 89.1 | 91.4 | 92.9 | 93.9 | 94.4 |
| -60 | 0.28 | 5.09 | 15.5 | 26.8 | 38.1 | 48.0 | 56.9 | 65.0 | 72.6 | 79.9 | 86.9 | 93.7 | 100 | 106 | 111 | 114 | 115 | 116 | 117 |
| -55 | 0.29 | 6.43 | 18.3 | 31.2 | 44.2 | 55.2 | 65.6 | 75.5 | 85.2 | 95.0 | 105 | 115 | 126 | 137 | 149 | 159 | 168 | 173 | 174 |
| -50 | 0.30 | 7.77 | 21.1 | 35.7 | 50.3 | 62.4 | 74.2 | 86.0 | 97.7 | 110 | 123 | 137 | 152 | 169 | 187 | 205 | 220 | 229 | 231 |
| -45 | 0.31 | 9.24 | 23.7 | 39.5 | 55.4 | 68.7 | 82.1 | 96.0 | 111 | 129 | 152 | 184 | 225 | 269 | 311 | 346 | 372 | 387 | 391 |
| -40 | 0.32 | 10.7 | 26.2 | 43.4 | 60.4 | 75.0 | 90.0 | 106 | 125 | 148 | 181 | 231 | 298 | 369 | 435 | 488 | 525 | 546 | 550 |
| -35 | 0.34 | 11.8 | 28.1 | 46.2 | 64.3 | 80.1 | 97.0 | 116 | 142 | 181 | 245 | 328 | 418 | 503 | 573 | 627 | 664 | 684 | 689 |
| -30 | 0.36 | 12.8 | 30.0 | 49.0 | 68.2 | 85.3 | 104 | 127 | 159 | 215 | 309 | 426 | 539 | 636 | 712 | 766 | 802 | 822 | 827 |
| -25 | 0.38 | 13.7 | 31.5 | 51.7 | 71.4 | 89.6 | 111 | 138 | 184 | 269 | 389 | 516 | 631 | 723 | 792 | 841 | 873 | 892 | 898 |
| -20 | 0.41 | 14.6 | 33.1 | 54.4 | 74.6 | 93.9 | 117 | 150 | 209 | 323 | 468 | 607 | 722 | 810 | 872 | 915 | 945 | 962 | 969 |
| -15 | 0.43 | 15.1 | 33.9 | 55.9 | 76.6 | 96.7 | 122 | 159 | 234 | 366 | 519 | 657 | 768 | 848 | 904 | 943 | 970 | 987 | 995 |
| -10 | 0.45 | 15.5 | 34.7 | 57.4 | 78.5 | 99.5 | 127 | 169 | 260 | 410 | 570 | 708 | 813 | 887 | 936 | 971 | 996 | 1012 | 1021 |
| -5 | 0.48 | 15.8 | 35.2 | 58.4 | 79.6 | 101 | 129 | 175 | 274 | 430 | 591 | 728 | 831 | 901 | 947 | 979 | 1002 | 1018 | 1027 |
| 0 | 0.50 | 16.2 | 35.7 | 59.5 | 80.6 | 102 | 132 | 181 | 287 | 450 | 612 | 748 | 848 | 915 | 957 | 987 | 1009 | 1024 | 1033 |
| 5 | 0.52 | 16.0 | 35.5 | 59.0 | 80.1 | 102 | 130 | 177 | 279 | 438 | 600 | 737 | 840 | 909 | 952 | 982 | 1004 | 1018 | 1027 |
| 10 | 0.54 | 15.8 | 35.3 | 58.5 | 79.5 | 101 | 129 | 174 | 271 | 426 | 587 | 726 | 832 | 903 | 947 | 977 | 999 | 1013 | 1022 |
| 15 | 0.55 | 15.5 | 34.7 | 57.3 | 77.9 | 98.4 | 125 | 166 | 247 | 387 | 543 | 683 | 794 | 872 | 922 | 955 | 978 | 993 | 1000 |
| 20 | 0.57 | 15.1 | 34.1 | 56.2 | 76.3 | 96.0 | 121 | 157 | 224 | 349 | 499 | 641 | 756 | 841 | 896 | 933 | 958 | 972 | 979 |
| 25 | 0.58 | 14.4 | 32.8 | 53.9 | 73.4 | 92.1 | 114 | 145 | 198 | 294 | 423 | 556 | 673 | 763 | 827 | 870 | 899 | 915 | 921 |
| 30 | 0.60 | 13.6 | 31.5 | 51.5 | 70.6 | 88.2 | 108 | 134 | 171 | 240 | 347 | 472 | 589 | 686 | 758 | 808 | 840 | 857 | 863 |
| 35 | 0.61 | 12.6 | 29.8 | 48.9 | 66.9 | 83.1 | 101 | 122 | 152 | 201 | 277 | 372 | 470 | 558 | 629 | 681 | 716 | 735 | 740 |
| 40 | 0.62 | 11.7 | 28.1 | 46.2 | 63.1 | 78.1 | 93.8 | 111 | 133 | 162 | 206 | 271 | 351 | 430 | 500 | 555 | 593 | 613 | 617 |
| 45 | 0.63 | 10.4 | 25.6 | 42.5 | 58.3 | 71.9 | 86.0 | 101 | 118 | 140 | 170 | 211 | 262 | 314 | 363 | 404 | 433 | 450 | 453 |
| 50 | 0.64 | 9.16 | 23.2 | 38.7 | 53.5 | 65.8 | 78.2 | 90.6 | 103 | 118 | 134 | 152 | 173 | 198 | 226 | 252 | 274 | 287 | 290 |
| 55 | 0.64 | 7.44 | 20.3 | 34.2 | 47.5 | 58.7 | 69.5 | 80.0 | 90.6 | 102 | 114 | 127 | 141 | 157 | 174 | 189 | 201 | 208 | 210 |
| 60 | 0.64 | 5.72 | 17.4 | 29.7 | 41.4 | 51.7 | 60.8 | 69.4 | 77.7 | 85.8 | 93.7 | 101 | 109 | 116 | 121 | 125 | 128 | 130 | 130 |
| 65 | 0.65 | 4.20 | 14.0 | 23.9 | 33.7 | 42.6 | 50.0 | 57.6 | 64.4 | 70.8 | 77.0 | 83.2 | 88.9 | 93.8 | 97.7 | 101 | 103 | 104 | 105 |
| 70 | 0.65 | 2.68 | 10.5 | 18.1 | 26.0 | 33.4 | 39.1 | 45.9 | 51.1 | 55.7 | 60.3 | 64.9 | 68.8 | 72.1 | 74.6 | 76.2 | 77.5 | 78.6 | 79.1 |
| 75 | 0.64 | 1.88 | 7.20 | 12.8 | 18.6 | 24.1 | 28.4 | 33.1 | 37.7 | 41.7 | 45.2 | 48.6 | 51.5 | 54.0 | 56.0 | 57.5 | 58.7 | 59.5 | 59.8 |
| 80 | 0.64 | 1.08 | 3.90 | 7.42 | 11.1 | 14.8 | 17.7 | 20.3 | 24.3 | 27.7 | 30.1 | 32.3 | 34.2 | 35.9 | 37.4 | 38.8 | 39.8 | 40.3 | 40.5 |
| 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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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:219.85V I:0.6498A P:140.67W PF:0.9846 Freq:49.99Hz Lamp Flux:19108.1x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--2

UNIT: ×10cd

| H (DEG) 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 | 32.0 | 31.2 | 30.1 | 28.8 | 27.2 | 25.1 | 22.9 | 20.8 | 18.8 | 16.1 | 13.5 | 10.6 | 7.73 | 5.01 | 2.55 | 0.97 | 0.47 | 0.27 | |
| -75 | 51.7 | 51.0 | 50.1 | 48.8 | 46.8 | 44.2 | 41.1 | 37.7 | 34.4 | 30.5 | 25.6 | 21.4 | 16.6 | 11.6 | 7.01 | 3.16 | 0.66 | 0.27 | |
| -70 | 71.5 | 70.8 | 70.0 | 68.7 | 66.5 | 63.4 | 59.3 | 54.6 | 49.9 | 44.8 | 37.6 | 32.1 | 25.5 | 18.2 | 11.5 | 5.36 | 0.85 | 0.27 | |
| -65 | 94.3 | 93.8 | 92.8 | 90.8 | 87.6 | 83.1 | 77.8 | 72.0 | 66.0 | 59.6 | 52.1 | 44.9 | 36.3 | 27.2 | 17.3 | 8.35 | 1.48 | 0.27 | |
| -60 | 117 | 117 | 116 | 113 | 109 | 103 | 96.3 | 89.3 | 82.0 | 74.4 | 66.5 | 57.6 | 47.0 | 36.2 | 23.2 | 11.3 | 2.12 | 0.27 | |
| -55 | 171 | 165 | 157 | 147 | 137 | 127 | 117 | 108 | 97.8 | 88.2 | 78.3 | 67.6 | 55.8 | 43.6 | 28.6 | 14.5 | 3.23 | 0.27 | |
| -50 | 225 | 213 | 198 | 181 | 166 | 151 | 138 | 126 | 114 | 102 | 90.1 | 77.5 | 64.5 | 51.0 | 33.9 | 17.7 | 4.34 | 0.28 | |
| -45 | 382 | 361 | 329 | 291 | 249 | 208 | 174 | 149 | 130 | 115 | 100 | 86.0 | 71.4 | 56.6 | 38.0 | 20.3 | 5.51 | 0.28 | |
| -40 | 538 | 508 | 461 | 401 | 333 | 265 | 209 | 171 | 146 | 127 | 110 | 94.4 | 78.2 | 62.2 | 42.0 | 22.9 | 6.69 | 0.29 | |
| -35 | 679 | 651 | 605 | 541 | 463 | 375 | 290 | 219 | 170 | 141 | 120 | 102 | 84.0 | 66.8 | 45.3 | 25.1 | 7.76 | 0.29 | |
| -30 | 819 | 794 | 749 | 682 | 593 | 486 | 372 | 266 | 194 | 155 | 130 | 109 | 89.7 | 71.4 | 48.5 | 27.4 | 8.84 | 0.30 | |
| -25 | 893 | 872 | 833 | 773 | 687 | 580 | 457 | 333 | 232 | 171 | 138 | 115 | 93.9 | 74.6 | 50.4 | 28.8 | 9.53 | 0.31 | |
| -20 | 966 | 950 | 918 | 863 | 782 | 673 | 543 | 400 | 269 | 187 | 147 | 120 | 98.1 | 77.8 | 52.3 | 30.2 | 10.2 | 0.31 | |
| -15 | 994 | 982 | 954 | 906 | 830 | 726 | 597 | 451 | 307 | 204 | 155 | 125 | 101 | 80.2 | 54.0 | 31.2 | 10.8 | 0.32 | |
| -10 | 1023 | 1014 | 991 | 949 | 878 | 779 | 652 | 502 | 345 | 222 | 162 | 129 | 104 | 82.5 | 55.7 | 32.3 | 11.4 | 0.33 | |
| -5 | 1029 | 1022 | 1002 | 962 | 894 | 796 | 670 | 520 | 361 | 230 | 165 | 131 | 105 | 83.4 | 56.1 | 32.6 | 11.6 | 0.34 | |
| 0 | 1036 | 1031 | 1013 | 975 | 909 | 813 | 688 | 538 | 377 | 238 | 169 | 132 | 106 | 84.3 | 56.5 | 32.9 | 11.7 | 0.35 | |
| 5 | 1030 | 1023 | 1005 | 966 | 899 | 802 | 676 | 527 | 367 | 234 | 167 | 132 | 106 | 84.0 | 56.2 | 32.8 | 11.7 | 0.36 | |
| 10 | 1023 | 1016 | 997 | 957 | 889 | 791 | 664 | 515 | 357 | 229 | 165 | 131 | 105 | 83.6 | 56.0 | 32.8 | 11.7 | 0.37 | |
| 15 | 999 | 989 | 965 | 920 | 847 | 745 | 617 | 471 | 323 | 213 | 159 | 127 | 103 | 81.8 | 54.3 | 32.0 | 11.2 | 0.38 | |
| 20 | 976 | 962 | 933 | 883 | 805 | 699 | 570 | 426 | 289 | 196 | 152 | 123 | 100 | 79.9 | 52.6 | 31.1 | 10.7 | 0.39 | |
| 25 | 915 | 897 | 862 | 805 | 722 | 616 | 492 | 362 | 250 | 180 | 143 | 118 | 96.6 | 76.9 | 50.9 | 29.9 | 10.1 | 0.40 | |
| 30 | 854 | 832 | 791 | 727 | 640 | 532 | 413 | 298 | 211 | 163 | 135 | 112 | 92.7 | 74.0 | 49.3 | 28.6 | 9.51 | 0.41 | |
| 35 | 730 | 704 | 660 | 596 | 515 | 422 | 327 | 243 | 183 | 148 | 125 | 105 | 87.3 | 69.7 | 46.4 | 26.6 | 8.54 | 0.42 | |
| 40 | 605 | 576 | 529 | 465 | 390 | 311 | 240 | 188 | 156 | 134 | 115 | 98.6 | 82.0 | 65.4 | 43.5 | 24.5 | 7.57 | 0.43 | |
| 45 | 444 | 420 | 385 | 340 | 290 | 240 | 195 | 161 | 138 | 121 | 105 | 90.5 | 75.5 | 60.0 | 39.9 | 22.0 | 6.53 | 0.44 | |
| 50 | 282 | 265 | 242 | 216 | 190 | 168 | 150 | 135 | 121 | 108 | 95.5 | 82.4 | 69.0 | 54.6 | 36.2 | 19.6 | 5.49 | 0.45 | |
| 55 | 206 | 197 | 185 | 170 | 154 | 140 | 128 | 116 | 105 | 95.0 | 84.3 | 72.9 | 60.9 | 47.6 | 31.3 | 16.5 | 4.00 | 0.46 | |
| 60 | 130 | 130 | 127 | 124 | 119 | 112 | 105 | 97.8 | 90.1 | 81.9 | 73.0 | 63.4 | 52.9 | 40.6 | 26.3 | 13.4 | 2.50 | 0.47 | |
| 65 | 105 | 104 | 103 | 100 | 96.7 | 91.8 | 86.0 | 79.9 | 73.7 | 67.1 | 59.1 | 50.9 | 42.3 | 31.8 | 20.4 | 10.3 | 1.78 | 0.48 | |
| 70 | 79.0 | 78.7 | 78.2 | 76.9 | 74.6 | 71.3 | 66.9 | 62.1 | 57.3 | 52.4 | 45.1 | 38.3 | 31.7 | 23.0 | 14.5 | 7.11 | 1.05 | 0.49 | |
| 75 | 59.6 | 59.1 | 58.4 | 57.1 | 55.1 | 52.6 | 49.3 | 45.6 | 41.8 | 37.5 | 32.2 | 27.0 | 21.7 | 15.6 | 9.53 | 4.37 | 0.84 | 0.50 | |
| 80 | 40.2 | 39.5 | 38.5 | 37.3 | 35.7 | 33.9 | 31.7 | 29.1 | 26.3 | 22.7 | 19.3 | 15.6 | 11.8 | 8.12 | 4.55 | 1.63 | 0.63 | 0.51 | |
| 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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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: