

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 764.9 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 160.0V x 140.3H |
| | At 50% of Imax | 38.4V x 119.8H |
| | At 90% of Imax | 11.7V x 105.4H |

| | | |
|-----------|----------------|-----------------------|
| Beam Flux | Total | 998.5 lumens per klm. |
| | To 10% of Imax | 881.1 lumens per klm. |
| | To 50% of Imax | 530.6 lumens per klm. |
| | To 90% of Imax | 50.7 lumens per klm. |

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

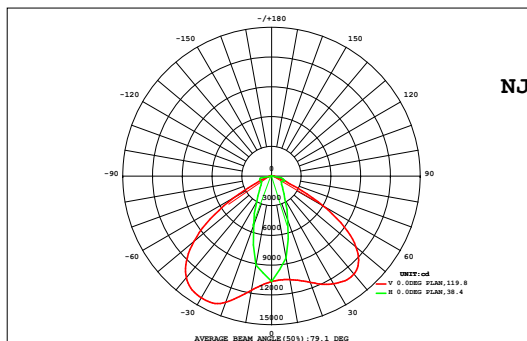
| | |
|---|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|---|---------|

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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:131.94lm/W | |
|-------------------------------|----------------|-----------------|-----------|
| NJZ- MODEL 150-V01 | -RZ-32-PC-U-GR | Imax(cd) | 14199 |
| NOMINAL POWER(W) | 150 | AVAILABILITY(%) | 88.2 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 16370 |
| NOMINAL FLUX(lm) | 18562.3 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 18562 |
| TEST VOLTAGE(V) | 220 | θ @50%(H,V) | 120,38DEG |

| 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 | 254 | 54.2 |
| 80 | 0.11 | 1.04 | 3.05 | 5.94 | 9.54 | 13.7 | 20.6 | 33.3 | 44.8 | 42.9 | 29.6 | 18.6 | 12.9 | 9.04 | 5.51 | 2.72 | 0.86 | 0.08 | 277 | 0.00 |
| 70 | 0.19 | 1.71 | 4.97 | 9.49 | 14.4 | 18.8 | 23.8 | 30.6 | 37.3 | 36.0 | 28.8 | 23.0 | 18.6 | 14.1 | 9.09 | 4.61 | 1.50 | 0.14 | 277 | 0.00 |
| 60 | 0.28 | 2.51 | 7.59 | 14.7 | 21.4 | 27.1 | 31.8 | 35.5 | 37.5 | 37.5 | 35.4 | 31.8 | 27.3 | 21.4 | 14.2 | 7.08 | 2.25 | 0.22 | 356 | 0.00 |
| 50 | 0.37 | 3.37 | 11.1 | 22.5 | 32.3 | 39.6 | 44.5 | 47.7 | 49.7 | 50.2 | 48.9 | 46.0 | 40.9 | 32.8 | 22.0 | 10.3 | 3.01 | 0.30 | 506 | 388 |
| 40 | 0.45 | 4.13 | 15.9 | 36.8 | 53.8 | 62.3 | 66.8 | 69.7 | 71.7 | 73.3 | 74.0 | 72.6 | 67.8 | 56.7 | 36.6 | 14.4 | 3.63 | 0.36 | 781 | 750 |
| 30 | 0.49 | 4.74 | 22.6 | 66.4 | 103 | 117 | 119 | 119 | 120 | 125 | 134 | 139 | 135 | 112 | 66.1 | 20.0 | 4.11 | 0.40 | 1407 | 1386 |
| 20 | 0.52 | 5.24 | 31.3 | 111 | 185 | 217 | 220 | 213 | 211 | 223 | 248 | 265 | 249 | 197 | 107 | 26.7 | 4.46 | 0.42 | 2514 | 2496 |
| 10 | 0.52 | 5.49 | 37.9 | 144 | 249 | 304 | 317 | 307 | 305 | 319 | 352 | 372 | 337 | 256 | 135 | 31.3 | 4.64 | 0.44 | 3479 | 3462 |
| 0 | 0.52 | 5.45 | 38.4 | 146 | 251 | 304 | 313 | 303 | 300 | 313 | 345 | 362 | 327 | 248 | 130 | 30.3 | 4.58 | 0.43 | 3422 | 3405 |
| -10 | 0.50 | 5.07 | 31.4 | 111 | 183 | 211 | 212 | 204 | 202 | 212 | 233 | 244 | 225 | 176 | 96.0 | 24.6 | 4.35 | 0.42 | 2374 | 2356 |
| -20 | 0.46 | 4.54 | 22.5 | 67.2 | 99.9 | 105 | 104 | 104 | 106 | 110 | 116 | 118 | 113 | 94.3 | 55.7 | 17.5 | 3.92 | 0.39 | 1242 | 1219 |
| -30 | 0.41 | 3.87 | 15.0 | 33.7 | 45.7 | 52.0 | 56.9 | 60.2 | 62.2 | 62.9 | 61.6 | 58.3 | 52.7 | 43.5 | 28.7 | 12.5 | 3.41 | 0.34 | 654 | 615 |
| -40 | 0.35 | 3.16 | 10.4 | 20.1 | 28.4 | 35.2 | 40.1 | 43.3 | 45.2 | 45.4 | 43.6 | 40.2 | 34.8 | 27.2 | 18.2 | 8.95 | 2.73 | 0.27 | 448 | 219 |
| -50 | 0.26 | 2.33 | 6.97 | 13.3 | 19.3 | 24.7 | 29.3 | 33.5 | 36.3 | 36.2 | 33.2 | 28.9 | 24.1 | 18.5 | 12.2 | 6.14 | 1.98 | 0.19 | 327 | 0.00 |
| -60 | 0.17 | 1.54 | 4.44 | 8.45 | 13.0 | 17.0 | 21.5 | 28.0 | 35.1 | 35.0 | 27.7 | 21.0 | 16.4 | 12.3 | 7.76 | 3.91 | 1.27 | 0.11 | 255 | 0.00 |
| -70 | 0.09 | 0.83 | 2.40 | 4.65 | 7.55 | 10.8 | 15.5 | 25.1 | 37.1 | 36.4 | 24.0 | 14.7 | 10.2 | 6.99 | 4.15 | 2.03 | 0.62 | 0.05 | 203 | 19.3 |
| -80 | 0.02 | 0.18 | 0.51 | 1.02 | 1.74 | 2.97 | 5.47 | 9.90 | 13.4 | 12.4 | 7.99 | 4.23 | 2.29 | 1.30 | 0.71 | 0.29 | 0.06 | 0.00 | 64.5 | 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 | 5.72 | 55.2 | 267 | 815 | 1318 | 1563 | 1641 | 1666 | 1714 | 1770 | 1842 | 1859 | 1694 | 1326 | 750 | 223 | 47.4 | 4.56 | 18562 | --- |
| Φ a | 0.00 | 0.00 | 175 | 723 | 1198 | 1420 | 1470 | 1461 | 1494 | 1547 | 1644 | 1696 | 1555 | 1206 | 658 | 123 | 0.00 | 0.00 | --- | 16370 |

one-half-peak spread: U:18.4,D:20.3 , L:23.2,R:30.7

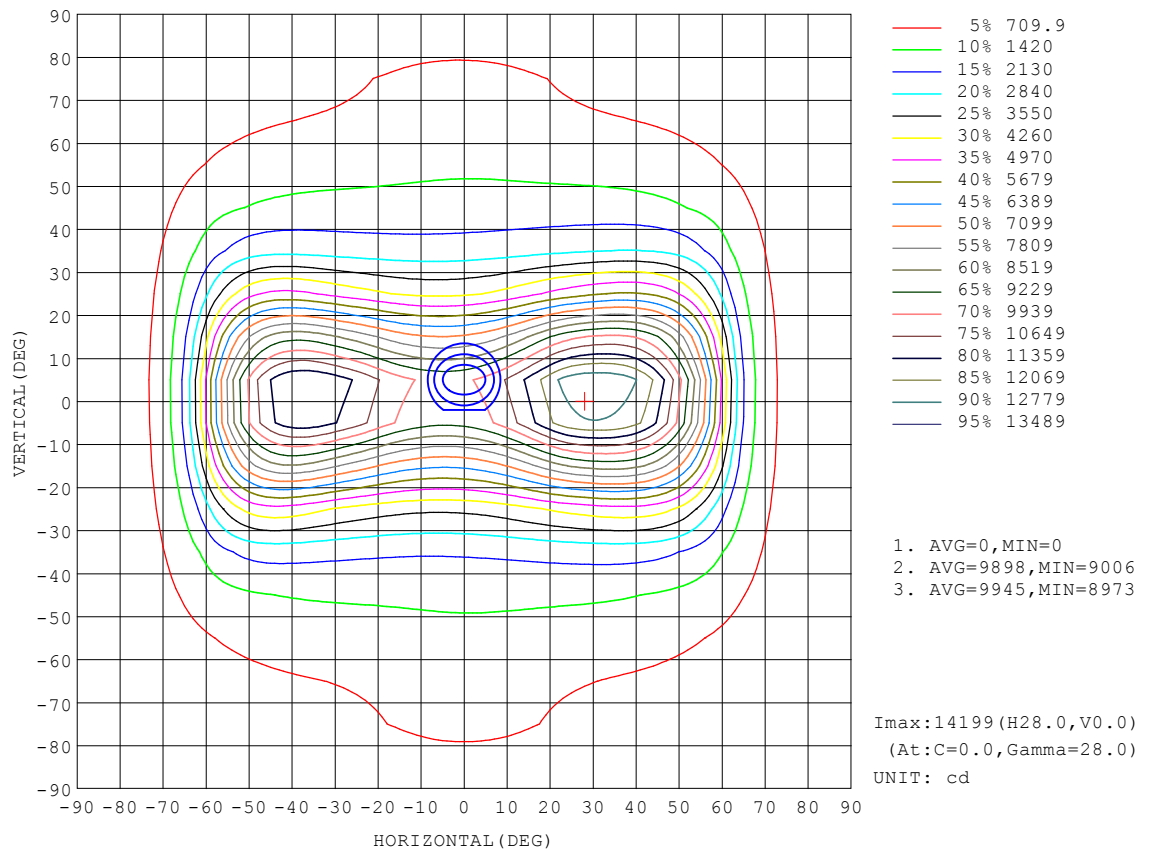
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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 |

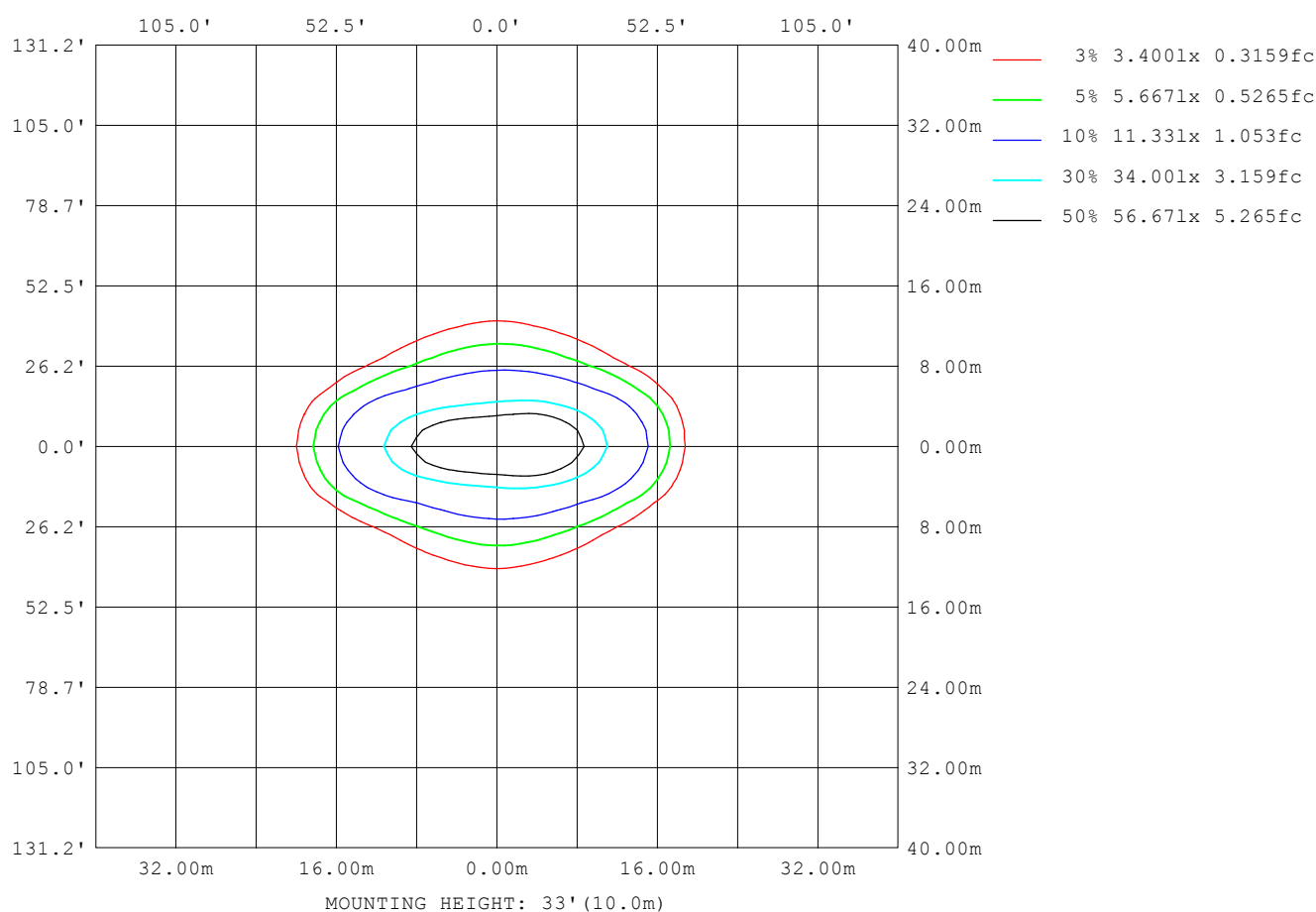


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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

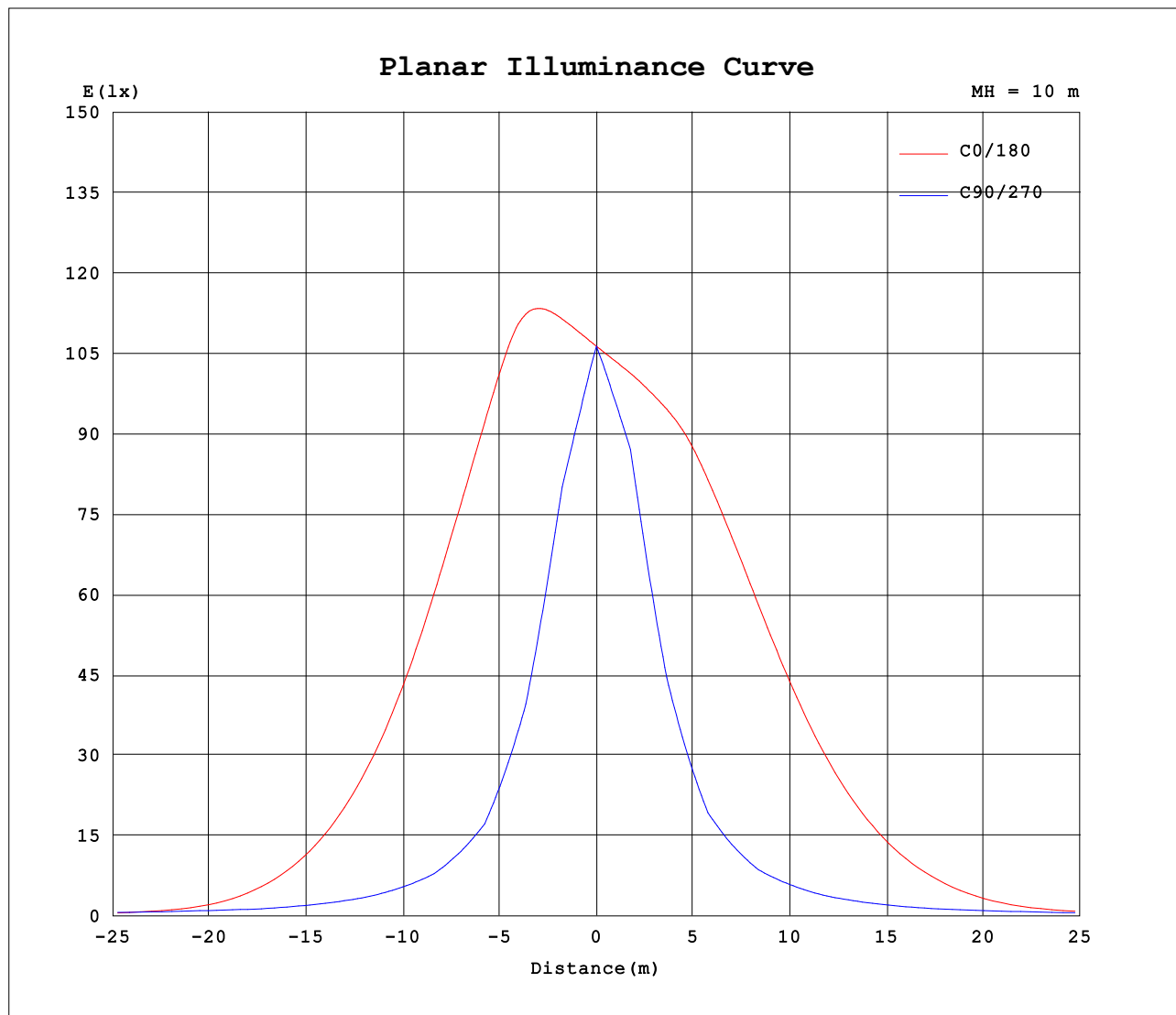
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|--|-----------------|---------------------|
| Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:150W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ 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:17 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



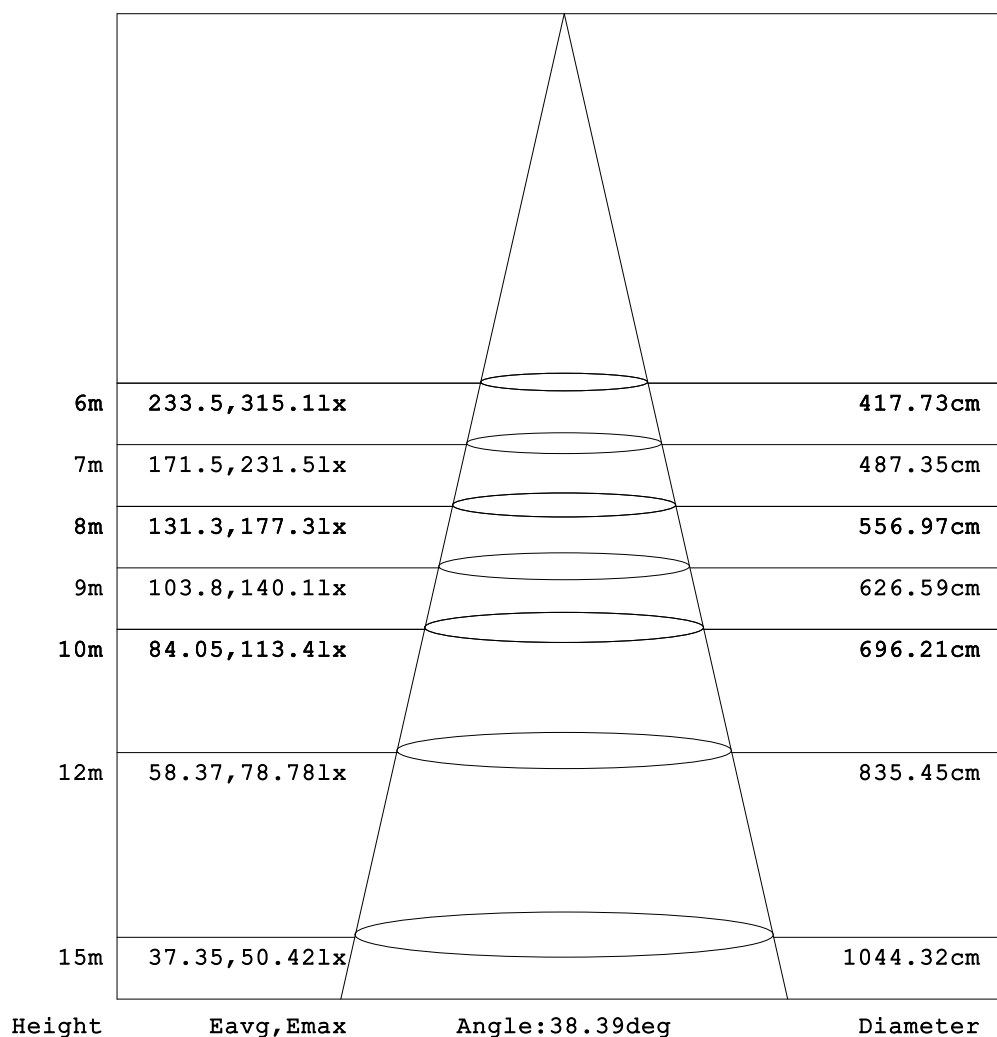
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:17 October 2019

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:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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:3311 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:17 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:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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 | 0.32 | 1.23 | 3.68 | 6.14 | 8.64 | 11.3 | 13.9 | 16.5 | 19.3 | 22.2 | 25.6 | 29.7 | 35.7 | 44.3 | 56.0 | 71.8 | 88.0 | 98.2 | 100 |
| -75 | 0.30 | 1.42 | 5.57 | 9.62 | 13.8 | 18.1 | 22.3 | 26.3 | 30.4 | 34.6 | 38.5 | 42.4 | 47.4 | 54.7 | 65.2 | 80.5 | 99.6 | 115 | 121 |
| -70 | 0.33 | 3.22 | 9.03 | 14.7 | 20.6 | 26.6 | 32.4 | 37.7 | 43.2 | 48.7 | 53.0 | 56.8 | 61.6 | 68.7 | 79.6 | 96.5 | 119 | 137 | 141 |
| -65 | 0.31 | 2.88 | 10.5 | 17.8 | 25.5 | 33.7 | 41.6 | 48.6 | 55.3 | 61.0 | 65.5 | 69.1 | 73.1 | 78.6 | 86.3 | 96.9 | 110 | 122 | 127 |
| -60 | 0.35 | 5.82 | 14.8 | 23.9 | 33.7 | 44.0 | 53.7 | 62.1 | 69.8 | 75.4 | 79.5 | 82.9 | 86.5 | 91.2 | 96.7 | 102 | 108 | 111 | 112 |
| -55 | 0.32 | 4.68 | 15.5 | 26.6 | 39.0 | 52.6 | 66.0 | 77.5 | 86.1 | 92.5 | 97.3 | 101 | 105 | 108 | 112 | 116 | 120 | 122 | 123 |
| -50 | 0.37 | 8.36 | 20.5 | 34.0 | 49.7 | 66.8 | 83.2 | 96.7 | 105 | 112 | 117 | 121 | 124 | 126 | 128 | 131 | 133 | 134 | 134 |
| -45 | 0.34 | 6.78 | 20.4 | 35.5 | 54.0 | 77.2 | 101 | 121 | 134 | 141 | 146 | 148 | 150 | 151 | 152 | 153 | 154 | 155 | 156 |
| -40 | 0.43 | 11.0 | 25.9 | 43.7 | 67.1 | 97.5 | 128 | 151 | 165 | 172 | 176 | 177 | 177 | 177 | 176 | 176 | 175 | 176 | 177 |
| -35 | 0.37 | 8.74 | 24.3 | 42.9 | 69.1 | 108 | 158 | 205 | 230 | 239 | 237 | 234 | 230 | 226 | 223 | 221 | 220 | 220 | 221 |
| -30 | 0.45 | 12.7 | 29.4 | 50.9 | 84.7 | 138 | 209 | 271 | 301 | 305 | 298 | 289 | 281 | 274 | 269 | 266 | 264 | 264 | 266 |
| -25 | 0.40 | 10.2 | 27.1 | 48.7 | 84.6 | 150 | 260 | 375 | 447 | 473 | 467 | 445 | 421 | 402 | 387 | 375 | 369 | 367 | 370 |
| -20 | 0.51 | 14.1 | 32.4 | 57.5 | 105 | 197 | 362 | 515 | 611 | 643 | 629 | 591 | 553 | 523 | 499 | 482 | 472 | 471 | 477 |
| -15 | 0.45 | 11.1 | 29.0 | 53.0 | 99.0 | 196 | 394 | 603 | 751 | 828 | 846 | 826 | 788 | 749 | 710 | 677 | 657 | 649 | 655 |
| -10 | 0.56 | 14.8 | 33.9 | 62.2 | 121 | 255 | 517 | 761 | 933 | 1029 | 1061 | 1048 | 1006 | 959 | 905 | 862 | 836 | 827 | 839 |
| -5 | 0.50 | 11.7 | 30.3 | 55.9 | 109 | 231 | 499 | 779 | 991 | 1118 | 1173 | 1173 | 1139 | 1092 | 1034 | 984 | 952 | 939 | 947 |
| 0 | 0.61 | 15.5 | 35.3 | 64.9 | 130 | 289 | 601 | 897 | 1112 | 1240 | 1292 | 1288 | 1254 | 1204 | 1140 | 1091 | 1061 | 1051 | 1064 |
| 5 | 0.54 | 11.9 | 30.7 | 56.7 | 111 | 234 | 504 | 788 | 1004 | 1136 | 1194 | 1198 | 1169 | 1126 | 1069 | 1018 | 987 | 974 | 983 |
| 10 | 0.65 | 15.3 | 34.9 | 64.0 | 125 | 263 | 528 | 781 | 962 | 1066 | 1106 | 1101 | 1069 | 1027 | 974 | 930 | 904 | 898 | 912 |
| 15 | 0.57 | 11.7 | 30.2 | 55.1 | 103 | 203 | 406 | 620 | 778 | 867 | 898 | 889 | 857 | 820 | 779 | 741 | 718 | 711 | 720 |
| 20 | 0.69 | 15.0 | 34.1 | 60.5 | 111 | 207 | 376 | 535 | 641 | 689 | 693 | 667 | 630 | 598 | 567 | 541 | 527 | 526 | 536 |
| 25 | 0.60 | 11.1 | 28.8 | 51.6 | 90.1 | 159 | 273 | 391 | 472 | 509 | 514 | 500 | 476 | 456 | 437 | 421 | 411 | 409 | 415 |
| 30 | 0.71 | 13.8 | 31.6 | 54.5 | 91.1 | 148 | 222 | 287 | 324 | 337 | 333 | 323 | 314 | 306 | 300 | 296 | 294 | 294 | 298 |
| 35 | 0.64 | 9.95 | 26.3 | 46.2 | 74.5 | 117 | 169 | 218 | 248 | 261 | 263 | 259 | 254 | 250 | 246 | 244 | 242 | 243 | 245 |
| 40 | 0.73 | 12.2 | 28.2 | 47.3 | 72.7 | 106 | 138 | 163 | 179 | 188 | 192 | 192 | 192 | 192 | 191 | 191 | 191 | 192 | 193 |
| 45 | 0.67 | 8.06 | 22.3 | 38.6 | 58.8 | 83.9 | 110 | 131 | 145 | 153 | 158 | 161 | 163 | 163 | 164 | 165 | 166 | 167 | 168 |
| 50 | 0.74 | 9.73 | 22.4 | 37.2 | 54.4 | 72.8 | 90.8 | 105 | 114 | 121 | 127 | 131 | 134 | 136 | 137 | 139 | 141 | 142 | 143 |
| 55 | 0.70 | 5.66 | 17.2 | 29.3 | 43.0 | 57.8 | 72.2 | 84.4 | 93.6 | 100 | 106 | 110 | 113 | 116 | 120 | 123 | 126 | 129 | 129 |
| 60 | 0.75 | 6.90 | 16.6 | 26.6 | 37.5 | 48.8 | 58.9 | 68.3 | 76.3 | 82.1 | 86.5 | 90.2 | 94.1 | 98.6 | 103 | 108 | 113 | 116 | 116 |
| 65 | 0.72 | 3.49 | 12.0 | 20.1 | 28.8 | 37.8 | 46.3 | 54.0 | 61.1 | 66.9 | 71.4 | 75.3 | 79.7 | 85.4 | 92.7 | 102 | 112 | 121 | 123 |
| 70 | 0.75 | 3.91 | 10.6 | 17.0 | 23.7 | 30.4 | 36.8 | 42.7 | 48.5 | 53.7 | 57.8 | 62.0 | 67.4 | 74.8 | 85.4 | 99.7 | 116 | 128 | 130 |
| 75 | 0.74 | 1.87 | 6.80 | 11.6 | 16.5 | 21.5 | 26.4 | 31.0 | 35.7 | 40.1 | 44.2 | 48.4 | 54.1 | 62.3 | 74.1 | 91.0 | 109 | 121 | 124 |
| 80 | 0.76 | 1.73 | 4.88 | 8.03 | 11.2 | 14.5 | 17.8 | 21.1 | 24.7 | 28.3 | 32.1 | 36.7 | 43.6 | 53.9 | 68.7 | 89.7 | 108 | 117 | 117 |
| 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:17 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

| | | |
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| Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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 | 93.4 | 79.7 | 62.6 | 48.0 | 37.7 | 30.5 | 25.6 | 22.0 | 18.9 | 16.1 | 13.5 | 10.9 | 8.40 | 5.89 | 3.56 | 1.45 | 0.58 | 0.32 | |
| -75 | 115 | 99.6 | 79.9 | 63.7 | 53.0 | 45.7 | 40.7 | 36.8 | 32.9 | 28.5 | 24.4 | 20.4 | 16.3 | 12.1 | 8.04 | 4.25 | 1.21 | 0.38 | |
| -70 | 132 | 112 | 89.9 | 74.4 | 64.9 | 58.6 | 54.1 | 50.1 | 45.2 | 39.2 | 33.7 | 28.2 | 22.5 | 16.7 | 11.0 | 5.65 | 1.03 | 0.33 | |
| -65 | 123 | 111 | 97.4 | 86.0 | 77.9 | 72.1 | 67.7 | 63.9 | 59.2 | 53.1 | 46.1 | 39.0 | 31.4 | 23.7 | 16.3 | 9.26 | 2.74 | 0.39 | |
| -60 | 110 | 105 | 99.7 | 93.9 | 88.4 | 83.7 | 79.8 | 76.1 | 71.0 | 64.1 | 55.6 | 47.0 | 37.3 | 27.8 | 18.7 | 10.2 | 2.20 | 0.36 | |
| -55 | 122 | 120 | 116 | 111 | 107 | 104 | 99.7 | 95.3 | 89.7 | 82.6 | 73.2 | 61.7 | 49.3 | 36.7 | 25.1 | 14.6 | 4.87 | 0.40 | |
| -50 | 134 | 132 | 130 | 127 | 125 | 122 | 118 | 113 | 106 | 97.7 | 86.4 | 71.6 | 56.2 | 40.8 | 27.0 | 14.9 | 3.83 | 0.39 | |
| -45 | 156 | 155 | 155 | 154 | 153 | 151 | 148 | 143 | 136 | 126 | 112 | 93.5 | 71.9 | 51.2 | 34.2 | 19.8 | 7.07 | 0.42 | |
| -40 | 178 | 179 | 180 | 180 | 180 | 180 | 177 | 172 | 163 | 150 | 132 | 107 | 79.0 | 54.2 | 35.2 | 19.3 | 5.42 | 0.41 | |
| -35 | 223 | 226 | 230 | 233 | 236 | 239 | 239 | 237 | 229 | 213 | 184 | 144 | 100 | 66.0 | 42.3 | 24.4 | 9.12 | 0.43 | |
| -30 | 270 | 275 | 281 | 287 | 293 | 298 | 301 | 300 | 290 | 265 | 222 | 162 | 107 | 66.8 | 41.6 | 23.0 | 7.12 | 0.43 | |
| -25 | 379 | 393 | 412 | 432 | 449 | 463 | 473 | 472 | 455 | 412 | 337 | 233 | 136 | 80.3 | 48.1 | 27.5 | 10.6 | 0.45 | |
| -20 | 492 | 517 | 551 | 585 | 611 | 634 | 646 | 641 | 607 | 535 | 413 | 260 | 139 | 77.7 | 45.4 | 24.9 | 7.98 | 0.46 | |
| -15 | 675 | 711 | 762 | 817 | 858 | 879 | 884 | 866 | 813 | 713 | 560 | 362 | 179 | 93.3 | 52.2 | 29.5 | 11.6 | 0.47 | |
| -10 | 870 | 924 | 995 | 1069 | 1116 | 1129 | 1119 | 1076 | 986 | 840 | 631 | 380 | 174 | 87.3 | 48.3 | 26.4 | 8.75 | 0.49 | |
| -5 | 977 | 1032 | 1109 | 1196 | 1258 | 1274 | 1265 | 1222 | 1127 | 971 | 747 | 470 | 212 | 102 | 54.4 | 30.4 | 12.0 | 0.50 | |
| 0 | 1102 | 1167 | 1257 | 1355 | 1412 | 1419 | 1400 | 1340 | 1216 | 1023 | 757 | 445 | 188 | 91.0 | 49.0 | 26.5 | 8.82 | 0.52 | |
| 5 | 1016 | 1073 | 1155 | 1247 | 1314 | 1331 | 1323 | 1279 | 1180 | 1015 | 779 | 488 | 217 | 103 | 54.7 | 30.5 | 12.1 | 0.53 | |
| 10 | 948 | 1008 | 1089 | 1174 | 1229 | 1244 | 1235 | 1189 | 1088 | 924 | 690 | 409 | 181 | 89.4 | 48.8 | 26.5 | 8.78 | 0.54 | |
| 15 | 747 | 791 | 854 | 923 | 974 | 1001 | 1009 | 989 | 926 | 808 | 629 | 401 | 191 | 96.6 | 53.1 | 29.8 | 11.7 | 0.55 | |
| 20 | 560 | 597 | 647 | 696 | 734 | 765 | 781 | 772 | 725 | 630 | 481 | 296 | 149 | 80.9 | 46.4 | 25.2 | 8.06 | 0.56 | |
| 25 | 428 | 450 | 479 | 510 | 535 | 558 | 573 | 573 | 550 | 495 | 400 | 270 | 149 | 84.6 | 49.5 | 28.1 | 10.8 | 0.57 | |
| 30 | 304 | 312 | 323 | 335 | 346 | 358 | 367 | 369 | 359 | 329 | 271 | 188 | 117 | 70.6 | 43.1 | 23.6 | 7.47 | 0.58 | |
| 35 | 248 | 253 | 260 | 266 | 273 | 280 | 285 | 285 | 278 | 258 | 222 | 167 | 111 | 70.9 | 44.5 | 25.5 | 9.62 | 0.59 | |
| 40 | 195 | 197 | 199 | 201 | 202 | 203 | 203 | 199 | 191 | 177 | 154 | 122 | 87.5 | 58.6 | 37.6 | 20.6 | 6.22 | 0.60 | |
| 45 | 169 | 169 | 169 | 170 | 170 | 170 | 168 | 164 | 158 | 147 | 131 | 107 | 80.7 | 56.4 | 37.3 | 21.5 | 7.90 | 0.62 | |
| 50 | 143 | 142 | 140 | 139 | 138 | 136 | 132 | 127 | 120 | 111 | 99.3 | 82.0 | 63.4 | 45.7 | 30.2 | 16.5 | 4.40 | 0.62 | |
| 55 | 129 | 126 | 124 | 121 | 118 | 115 | 112 | 107 | 102 | 94.0 | 83.7 | 70.6 | 55.9 | 41.4 | 28.2 | 16.3 | 5.68 | 0.64 | |
| 60 | 114 | 110 | 105 | 101 | 96.4 | 92.6 | 89.2 | 85.3 | 80.1 | 72.9 | 63.3 | 53.4 | 42.5 | 31.5 | 21.2 | 11.6 | 2.57 | 0.65 | |
| 65 | 119 | 109 | 99.1 | 90.6 | 84.1 | 79.1 | 75.2 | 71.4 | 66.7 | 60.5 | 52.9 | 44.8 | 36.2 | 27.3 | 18.8 | 10.8 | 3.36 | 0.67 | |
| 70 | 120 | 104 | 89.0 | 77.5 | 69.6 | 64.0 | 59.8 | 55.9 | 51.0 | 45.1 | 39.2 | 32.9 | 26.3 | 19.6 | 13.1 | 6.94 | 1.41 | 0.68 | |
| 75 | 117 | 103 | 84.5 | 69.2 | 59.0 | 51.7 | 46.9 | 43.1 | 39.1 | 34.4 | 29.6 | 24.9 | 20.0 | 15.0 | 10.2 | 5.58 | 1.61 | 0.70 | |
| 80 | 110 | 93.9 | 73.1 | 56.1 | 45.0 | 37.2 | 32.3 | 28.8 | 25.3 | 21.7 | 18.2 | 14.9 | 11.6 | 8.40 | 5.33 | 2.50 | 0.81 | 0.71 | |
| 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:17 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: