

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 761.7 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 158.9V x 140.6H |
| | At 50% of Imax | 38.5V x 120.5H |
| | At 90% of Imax | 11.1V x 106.5H |

| | | |
|-----------|----------------|-----------------------|
| Beam Flux | Total | 998.9 lumens per klm. |
| | To 10% of Imax | 882.8 lumens per klm. |
| | To 50% of Imax | 534.4 lumens per klm. |
| | To 90% of Imax | 51.0 lumens per klm. |

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

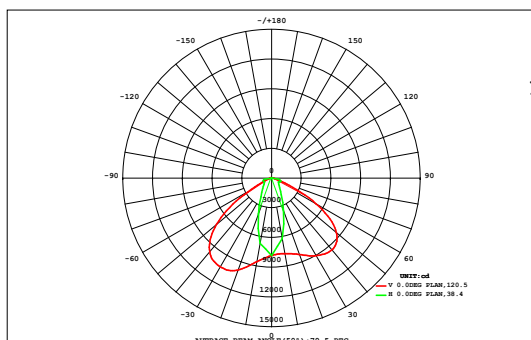
| | |
|---|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|---|---------|

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:219.87V I:0.4339A P:93.883W PF:0.9842 Freq:49.99Hz Lamp Flux:13579.8x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



| DATA OF LAMP | | Eff:144.65lm/W | |
|-----------------------------|---------|-----------------|-----------|
| NJZMODEL100-V01-RZ-32-PC-GR | | Imax(cd) | 10344 |
| NOMINAL POWER(W) | 100 | AVAILABILITY(%) | 88.3 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 11990 |
| NOMINAL FLUX(lm) | 13579.8 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 13580 |
| TEST VOLTAGE(V) | 220 | θ @50%(H,V) | 121,38DEG |

| 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 | 0.00 | 0.00 |
| 80 | 0.09 | 0.79 | 2.25 | 4.32 | 6.88 | 9.81 | 14.6 | 23.4 | 31.4 | 30.3 | 21.0 | 13.1 | 8.99 | 6.25 | 3.77 | 1.83 | 0.55 | 0.05 | 179 | 35.6 |
| 70 | 0.15 | 1.28 | 3.67 | 6.94 | 10.4 | 13.6 | 17.2 | 22.1 | 26.7 | 25.6 | 20.5 | 16.3 | 13.2 | 10.0 | 6.42 | 3.23 | 1.03 | 0.10 | 199 | 0.00 |
| 60 | 0.22 | 1.88 | 5.63 | 10.8 | 15.6 | 19.7 | 23.1 | 25.7 | 27.0 | 26.8 | 25.3 | 22.7 | 19.5 | 15.3 | 10.2 | 5.06 | 1.57 | 0.15 | 256 | 0.00 |
| 50 | 0.29 | 2.53 | 8.29 | 16.7 | 23.8 | 29.0 | 32.4 | 34.7 | 36.0 | 36.2 | 35.2 | 33.1 | 29.4 | 23.7 | 16.0 | 7.49 | 2.14 | 0.21 | 367 | 274 |
| 40 | 0.35 | 3.12 | 11.9 | 27.6 | 40.2 | 46.1 | 49.2 | 51.2 | 52.5 | 53.4 | 53.6 | 52.5 | 49.1 | 41.4 | 27.1 | 10.7 | 2.61 | 0.25 | 573 | 551 |
| 30 | 0.38 | 3.62 | 17.3 | 50.0 | 77.0 | 86.8 | 88.0 | 87.5 | 88.0 | 91.0 | 96.3 | 100 | 97.8 | 82.3 | 49.6 | 15.2 | 2.96 | 0.28 | 1034 | 1019 |
| 20 | 0.41 | 4.07 | 24.6 | 83.4 | 136 | 159 | 161 | 156 | 155 | 162 | 178 | 190 | 181 | 145 | 80.1 | 20.4 | 3.21 | 0.29 | 1839 | 1826 |
| 10 | 0.42 | 4.32 | 30.4 | 109 | 183 | 221 | 230 | 224 | 223 | 232 | 253 | 267 | 245 | 189 | 101 | 23.6 | 3.33 | 0.30 | 2541 | 2529 |
| 0 | 0.42 | 4.33 | 31.4 | 111 | 186 | 222 | 228 | 222 | 220 | 229 | 249 | 262 | 240 | 183 | 96.2 | 22.2 | 3.26 | 0.30 | 2510 | 2498 |
| -10 | 0.40 | 4.04 | 26.0 | 85.7 | 137 | 156 | 155 | 150 | 150 | 156 | 170 | 177 | 164 | 128 | 69.6 | 17.5 | 3.07 | 0.29 | 1750 | 1737 |
| -20 | 0.37 | 3.59 | 18.5 | 52.4 | 75.2 | 77.8 | 76.3 | 76.4 | 77.9 | 80.6 | 84.6 | 86.0 | 82.6 | 68.4 | 39.4 | 12.2 | 2.75 | 0.26 | 915 | 899 |
| -30 | 0.34 | 3.04 | 12.0 | 26.3 | 34.4 | 38.4 | 41.9 | 44.3 | 45.7 | 46.2 | 45.3 | 42.7 | 38.6 | 31.6 | 20.2 | 8.66 | 2.36 | 0.23 | 482 | 456 |
| -40 | 0.29 | 2.46 | 8.05 | 15.1 | 20.9 | 25.6 | 29.0 | 31.3 | 32.6 | 32.7 | 31.5 | 28.9 | 25.0 | 19.4 | 12.8 | 6.17 | 1.85 | 0.17 | 324 | 150 |
| -50 | 0.22 | 1.82 | 5.33 | 9.88 | 14.2 | 17.9 | 21.2 | 24.1 | 26.1 | 26.1 | 23.9 | 20.7 | 17.1 | 13.1 | 8.53 | 4.20 | 1.31 | 0.12 | 236 | 0.00 |
| -60 | 0.16 | 1.21 | 3.38 | 6.27 | 9.46 | 12.3 | 15.5 | 20.1 | 25.3 | 25.5 | 20.3 | 15.1 | 11.6 | 8.65 | 5.34 | 2.62 | 0.81 | 0.07 | 184 | 0.00 |
| -70 | 0.09 | 0.68 | 1.85 | 3.47 | 5.52 | 7.78 | 11.2 | 18.1 | 26.8 | 26.2 | 17.2 | 10.4 | 7.10 | 4.76 | 2.73 | 1.28 | 0.35 | 0.03 | 146 | 14.8 |
| -80 | 0.03 | 0.19 | 0.46 | 0.84 | 1.38 | 2.30 | 4.28 | 7.67 | 9.69 | 8.14 | 4.78 | 2.50 | 1.32 | 0.68 | 0.33 | 0.11 | 0.01 | 0.00 | 44.7 | 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 | 4.63 | 42.9 | 211 | 620 | 977 | 1145 | 1198 | 1219 | 1253 | 1288 | 1330 | 1341 | 1232 | 970 | 549 | 162 | 33.2 | 3.09 | 13580 | --- |
| Φ a | 0.00 | 3.63 | 146 | 552 | 891 | 1042 | 1072 | 1068 | 1097 | 1123 | 1184 | 1222 | 1130 | 883 | 484 | 94.0 | 0.00 | 0.00 | --- | 11990 |

one-half-peak spread: U:18.4,D:20.4 , L:22.9,R:27.8

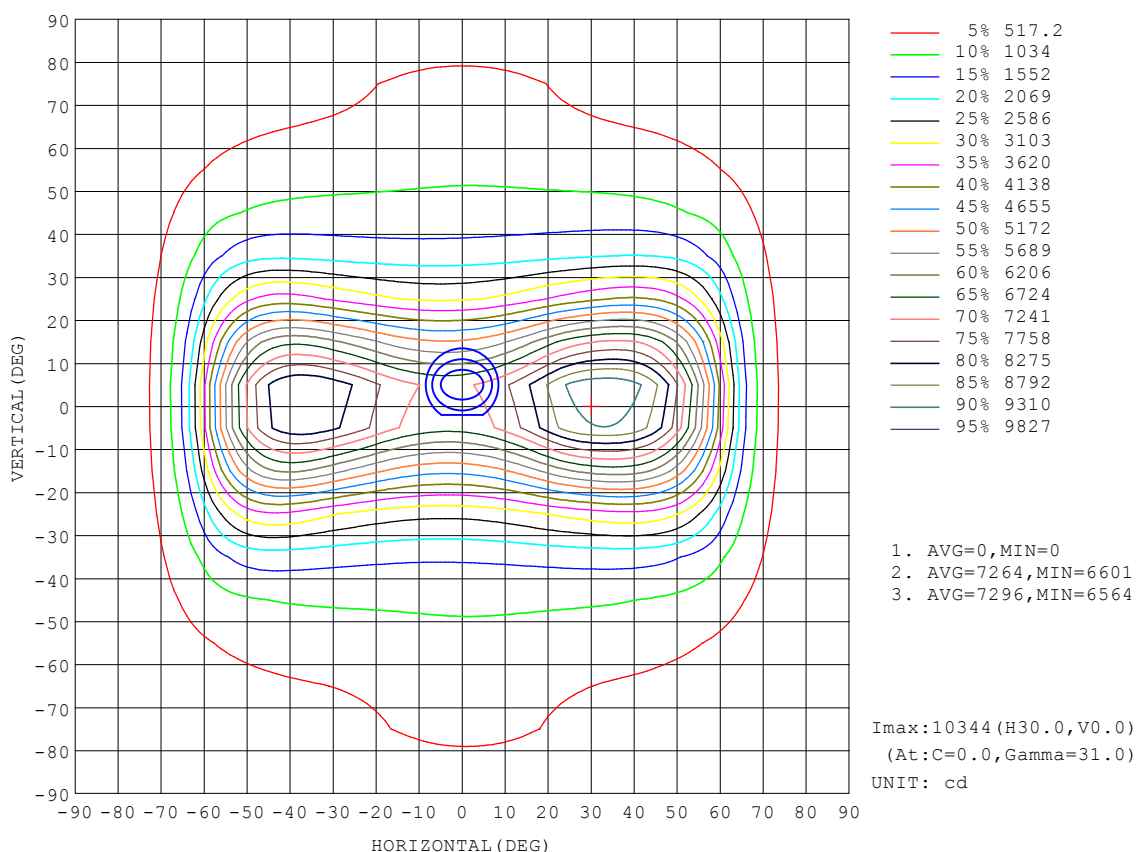
NEMA Beam Type: Type 7

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:219.87V I:0.4339A P:93.883W PF:0.9842 Freq:49.99Hz Lamp Flux:13579.8x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

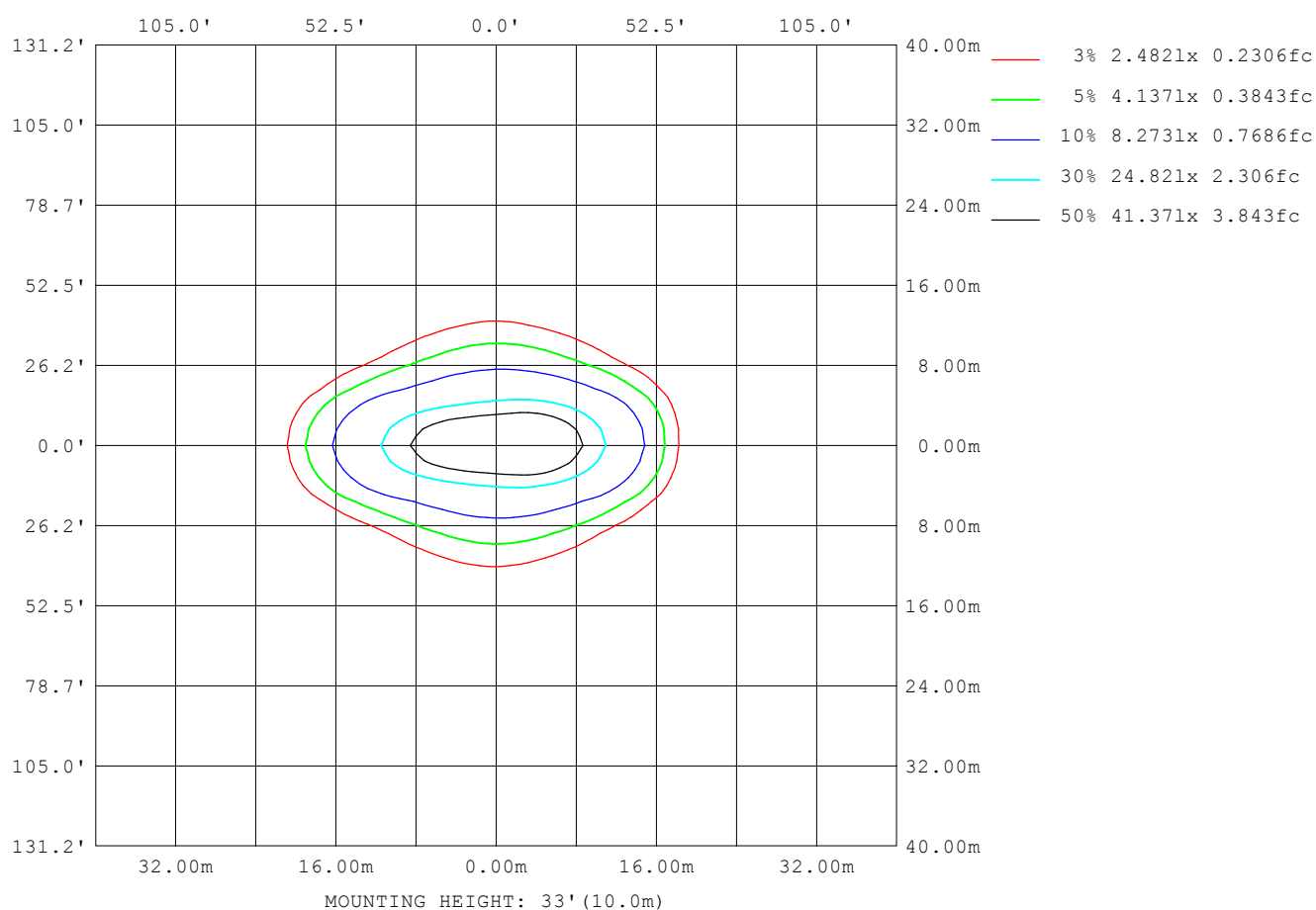


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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

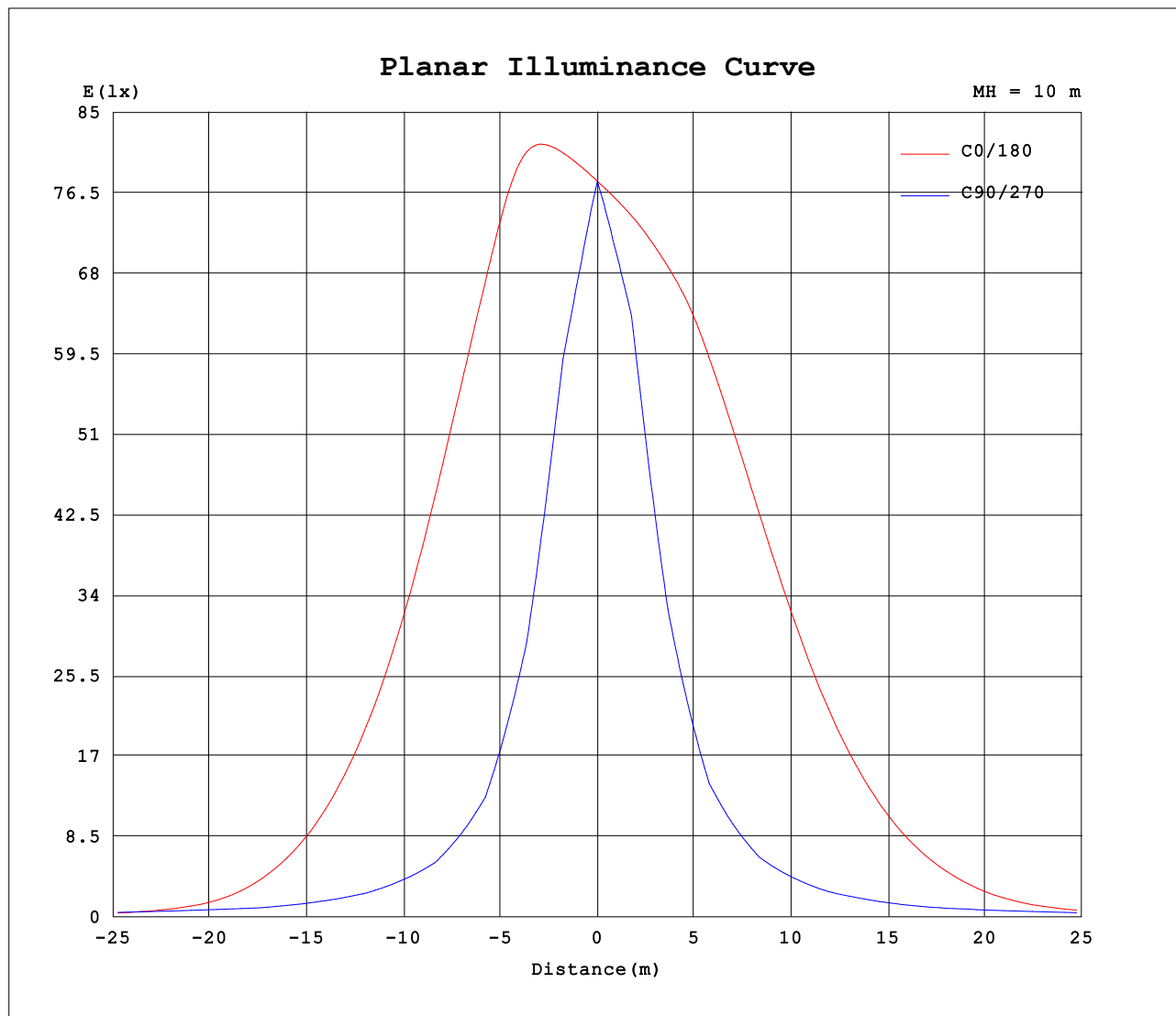
| | | |
|--|-----------------|---------------------|
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| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



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



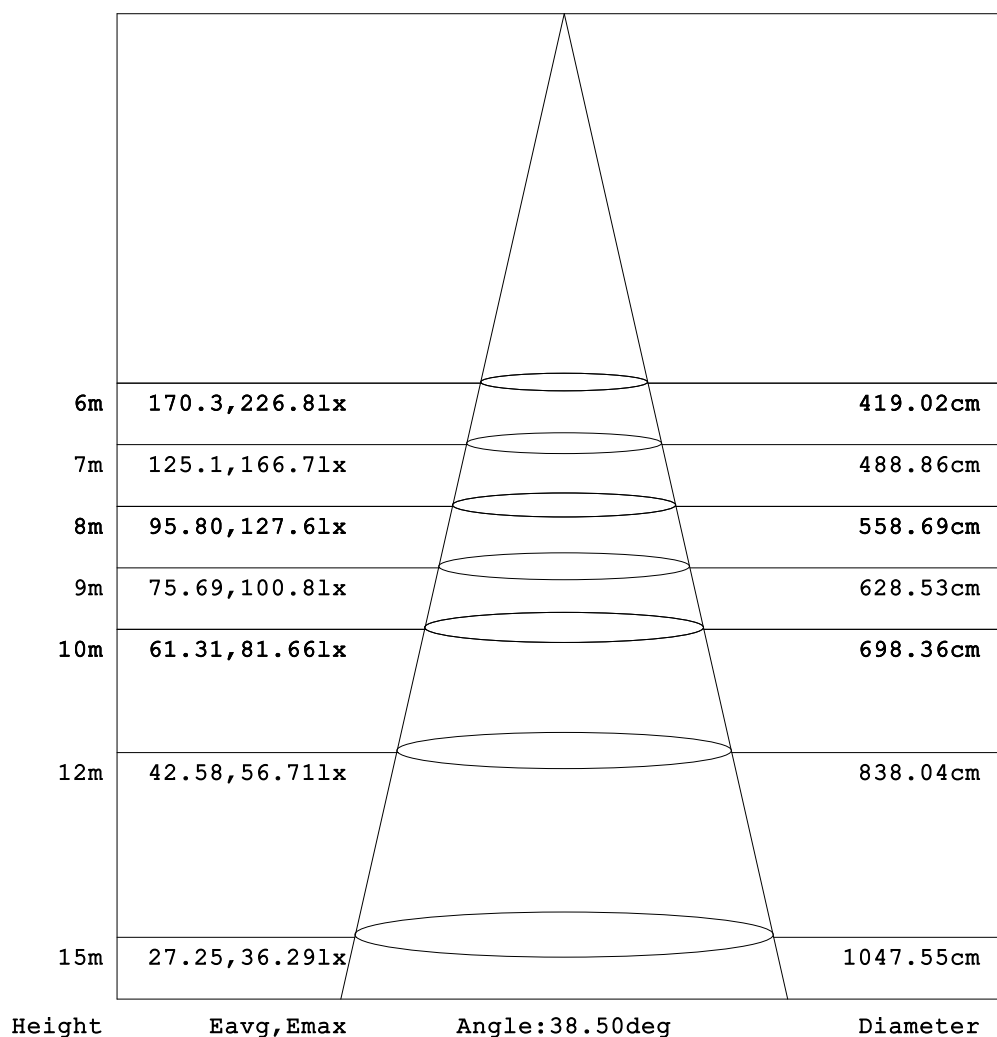
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:17 October 2019

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:219.87V I:0.4339A P:93.883W PF:0.9842 Freq:49.99Hz Lamp Flux:13579.8x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:2415 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:219.87V I:0.4339A P:93.883W PF:0.9842 Freq:49.99Hz Lamp Flux:13579.8x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | 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 | 0.33 | 1.85 | 3.67 | 5.45 | 7.22 | 9.13 | 10.9 | 12.7 | 14.6 | 16.7 | 19.1 | 22.1 | 26.6 | 33.1 | 42.0 | 53.5 | 64.3 | 70.3 | 70.4 |
| -75 | 0.21 | 0.91 | 4.20 | 7.10 | 10.1 | 13.2 | 16.2 | 19.0 | 21.7 | 24.7 | 27.5 | 30.1 | 33.3 | 38.1 | 45.1 | 55.4 | 69.0 | 81.5 | 87.1 |
| -70 | 0.38 | 4.00 | 8.15 | 12.3 | 16.5 | 20.8 | 24.9 | 28.6 | 32.5 | 36.2 | 39.0 | 41.7 | 45.4 | 50.9 | 59.6 | 73.2 | 89.9 | 101 | 102 |
| -65 | 0.19 | 1.55 | 7.40 | 12.7 | 18.3 | 24.2 | 30.0 | 35.0 | 39.7 | 43.9 | 47.1 | 49.7 | 52.3 | 56.0 | 61.1 | 68.4 | 78.2 | 87.6 | 92.1 |
| -60 | 0.46 | 6.49 | 12.9 | 19.7 | 27.1 | 34.6 | 41.2 | 47.1 | 52.2 | 55.7 | 58.4 | 60.6 | 63.4 | 66.8 | 70.8 | 74.9 | 78.5 | 80.8 | 81.0 |
| -55 | 0.17 | 2.37 | 10.7 | 18.7 | 27.7 | 37.8 | 47.6 | 56.2 | 62.5 | 67.1 | 70.5 | 73.1 | 75.5 | 77.8 | 80.3 | 83.2 | 85.9 | 88.0 | 89.0 |
| -50 | 0.53 | 8.87 | 17.9 | 28.2 | 40.3 | 53.0 | 64.7 | 73.3 | 78.7 | 82.7 | 85.9 | 88.5 | 90.4 | 91.7 | 93.2 | 94.8 | 96.1 | 96.7 | 96.8 |
| -45 | 0.16 | 3.36 | 13.9 | 24.7 | 38.1 | 55.1 | 73.4 | 88.7 | 98.2 | 104 | 107 | 108 | 110 | 110 | 111 | 111 | 112 | 112 | 112 |
| -40 | 0.64 | 11.0 | 22.4 | 36.5 | 55.6 | 79.4 | 102 | 117 | 125 | 128 | 130 | 130 | 130 | 129 | 128 | 128 | 128 | 128 | 128 |
| -35 | 0.16 | 4.23 | 16.3 | 29.6 | 48.2 | 76.9 | 115 | 152 | 172 | 179 | 178 | 174 | 170 | 167 | 165 | 163 | 162 | 161 | 162 |
| -30 | 0.69 | 12.4 | 25.4 | 43.2 | 72.8 | 118 | 175 | 215 | 231 | 229 | 221 | 214 | 207 | 203 | 199 | 196 | 195 | 195 | 196 |
| -25 | 0.18 | 5.39 | 18.1 | 33.4 | 58.3 | 104 | 186 | 275 | 333 | 355 | 351 | 334 | 315 | 299 | 287 | 278 | 273 | 271 | 272 |
| -20 | 0.77 | 13.7 | 28.0 | 49.8 | 92.9 | 179 | 310 | 413 | 469 | 480 | 461 | 430 | 403 | 381 | 364 | 353 | 347 | 347 | 351 |
| -15 | 0.22 | 6.53 | 19.4 | 36.2 | 67.8 | 135 | 278 | 437 | 552 | 612 | 628 | 614 | 585 | 556 | 527 | 502 | 486 | 479 | 481 |
| -10 | 0.77 | 14.3 | 29.4 | 54.5 | 110 | 243 | 446 | 613 | 720 | 772 | 783 | 765 | 732 | 695 | 658 | 630 | 614 | 611 | 621 |
| -5 | 0.26 | 6.96 | 20.1 | 38.0 | 74.3 | 158 | 350 | 562 | 722 | 818 | 859 | 861 | 837 | 803 | 762 | 726 | 702 | 691 | 693 |
| 0 | 1.02 | 14.8 | 30.4 | 57.4 | 120 | 278 | 518 | 719 | 853 | 925 | 946 | 934 | 904 | 863 | 821 | 791 | 773 | 770 | 781 |
| 5 | 0.29 | 7.05 | 20.4 | 38.5 | 75.4 | 161 | 354 | 567 | 729 | 828 | 872 | 876 | 855 | 824 | 784 | 748 | 724 | 713 | 716 |
| 10 | 1.01 | 14.6 | 30.1 | 56.0 | 114 | 249 | 455 | 626 | 737 | 794 | 809 | 798 | 771 | 737 | 701 | 674 | 659 | 657 | 669 |
| 15 | 0.28 | 6.86 | 20.0 | 37.5 | 70.7 | 140 | 287 | 449 | 569 | 635 | 659 | 654 | 630 | 602 | 573 | 546 | 528 | 521 | 525 |
| 20 | 1.01 | 14.3 | 29.2 | 52.3 | 98.3 | 188 | 322 | 429 | 492 | 514 | 508 | 484 | 456 | 432 | 410 | 394 | 387 | 387 | 395 |
| 25 | 0.29 | 6.08 | 19.1 | 35.2 | 61.9 | 111 | 195 | 287 | 349 | 378 | 382 | 371 | 353 | 337 | 323 | 311 | 304 | 301 | 303 |
| 30 | 0.93 | 13.3 | 27.0 | 46.0 | 77.9 | 126 | 184 | 227 | 249 | 252 | 246 | 238 | 230 | 225 | 220 | 218 | 216 | 217 | 219 |
| 35 | 0.34 | 5.05 | 17.4 | 31.7 | 51.8 | 82.7 | 122 | 160 | 184 | 195 | 195 | 192 | 188 | 184 | 181 | 179 | 178 | 178 | 179 |
| 40 | 0.87 | 11.8 | 24.1 | 39.3 | 60.1 | 85.8 | 109 | 126 | 135 | 140 | 141 | 141 | 141 | 140 | 139 | 139 | 139 | 140 | 141 |
| 45 | 0.40 | 3.97 | 14.9 | 26.7 | 41.3 | 59.7 | 79.4 | 95.6 | 106 | 112 | 116 | 118 | 119 | 119 | 119 | 120 | 120 | 121 | 121 |
| 50 | 0.78 | 9.55 | 19.3 | 30.7 | 43.8 | 57.6 | 70.4 | 79.1 | 85.1 | 89.6 | 93.2 | 95.7 | 97.3 | 98.4 | 99.5 | 101 | 102 | 102 | 103 |
| 55 | 0.45 | 2.73 | 11.6 | 20.4 | 30.4 | 41.3 | 52.0 | 61.1 | 67.8 | 72.7 | 76.4 | 79.3 | 81.7 | 83.8 | 86.0 | 88.3 | 90.5 | 92.2 | 92.9 |
| 60 | 0.72 | 7.21 | 14.2 | 21.8 | 29.9 | 38.0 | 45.1 | 51.6 | 56.8 | 60.4 | 63.3 | 65.8 | 68.6 | 71.8 | 75.2 | 78.6 | 81.4 | 83.0 | 82.9 |
| 65 | 0.49 | 1.79 | 8.22 | 14.2 | 20.4 | 27.0 | 33.2 | 38.7 | 43.8 | 48.0 | 51.2 | 53.9 | 56.8 | 60.5 | 65.4 | 71.7 | 79.0 | 85.4 | 88.1 |
| 70 | 0.65 | 4.58 | 9.28 | 14.0 | 18.8 | 23.6 | 28.1 | 32.1 | 36.1 | 39.5 | 42.3 | 45.3 | 49.2 | 54.9 | 62.8 | 73.4 | 84.8 | 92.2 | 91.7 |
| 75 | 0.53 | 1.14 | 4.86 | 8.31 | 11.8 | 15.4 | 18.9 | 22.2 | 25.4 | 28.6 | 31.4 | 34.1 | 37.7 | 43.1 | 50.8 | 61.9 | 74.8 | 84.4 | 87.9 |
| 80 | 0.60 | 2.21 | 4.55 | 6.82 | 9.12 | 11.4 | 13.7 | 16.0 | 18.5 | 21.0 | 23.6 | 27.0 | 32.1 | 39.8 | 51.2 | 66.1 | 77.6 | 82.5 | 81.9 |
| 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

| | | |
|--|-----------------|---------------------|
| Test:U:219.87V I:0.4339A P:93.883W PF:0.9842 Freq:49.99Hz Lamp Flux:13579.8x1 lm | | |
| NAME: LED High Bay Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:100W | 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 | 64.2 | 53.4 | 41.4 | 31.5 | 24.7 | 20.0 | 16.6 | 14.0 | 11.8 | 9.90 | 8.09 | 6.31 | 4.58 | 2.89 | 1.37 | 0.51 | 0.41 | 0.21 | |
| -75 | 84.3 | 74.2 | 59.9 | 47.1 | 38.5 | 32.8 | 28.9 | 26.0 | 23.1 | 20.0 | 16.9 | 14.0 | 11.1 | 8.16 | 5.32 | 2.71 | 0.83 | 0.35 | |
| -70 | 93.8 | 78.2 | 62.1 | 51.5 | 45.0 | 40.7 | 37.6 | 34.6 | 30.7 | 26.2 | 22.3 | 18.3 | 14.1 | 9.97 | 6.06 | 2.47 | 0.41 | 0.23 | |
| -65 | 90.2 | 82.8 | 72.3 | 63.1 | 56.6 | 52.0 | 48.6 | 45.8 | 42.4 | 38.1 | 33.0 | 28.0 | 22.6 | 17.0 | 11.7 | 6.63 | 2.11 | 0.34 | |
| -60 | 78.8 | 75.1 | 70.8 | 66.4 | 62.4 | 59.0 | 56.2 | 53.2 | 49.2 | 43.8 | 37.7 | 31.3 | 24.3 | 17.5 | 11.1 | 5.17 | 0.53 | 0.25 | |
| -55 | 88.5 | 86.5 | 83.7 | 80.6 | 77.5 | 74.6 | 71.7 | 68.5 | 64.7 | 59.7 | 53.2 | 45.0 | 36.2 | 27.1 | 18.5 | 10.8 | 3.98 | 0.33 | |
| -50 | 96.1 | 94.8 | 92.9 | 90.9 | 89.0 | 86.8 | 83.6 | 79.5 | 74.5 | 68.2 | 59.1 | 48.2 | 37.1 | 26.1 | 16.5 | 8.03 | 0.98 | 0.29 | |
| -45 | 113 | 112 | 112 | 111 | 110 | 109 | 107 | 104 | 99.1 | 92.4 | 82.8 | 69.5 | 54.0 | 38.6 | 25.8 | 15.1 | 5.86 | 0.33 | |
| -40 | 129 | 129 | 130 | 130 | 130 | 129 | 127 | 123 | 116 | 106 | 91.5 | 72.4 | 51.9 | 35.1 | 21.9 | 10.7 | 1.49 | 0.31 | |
| -35 | 163 | 164 | 167 | 169 | 171 | 173 | 174 | 173 | 169 | 158 | 139 | 110 | 77.6 | 51.0 | 32.5 | 18.9 | 7.60 | 0.35 | |
| -30 | 199 | 202 | 206 | 211 | 215 | 219 | 221 | 219 | 210 | 189 | 154 | 108 | 69.4 | 42.9 | 26.1 | 13.1 | 2.24 | 0.34 | |
| -25 | 276 | 284 | 297 | 311 | 324 | 335 | 344 | 347 | 338 | 311 | 260 | 186 | 109 | 63.4 | 37.4 | 21.5 | 8.92 | 0.36 | |
| -20 | 362 | 380 | 404 | 427 | 446 | 464 | 473 | 467 | 438 | 378 | 281 | 165 | 88.0 | 48.9 | 28.5 | 14.3 | 2.79 | 0.36 | |
| -15 | 492 | 513 | 546 | 584 | 617 | 638 | 647 | 640 | 609 | 545 | 440 | 296 | 150 | 75.2 | 40.9 | 23.1 | 9.73 | 0.39 | |
| -10 | 644 | 683 | 734 | 784 | 816 | 826 | 818 | 783 | 711 | 596 | 432 | 240 | 107 | 54.2 | 30.2 | 15.3 | 3.25 | 0.39 | |
| -5 | 710 | 742 | 791 | 851 | 904 | 927 | 929 | 908 | 850 | 747 | 593 | 391 | 183 | 83.2 | 43.0 | 23.9 | 10.1 | 0.42 | |
| 0 | 810 | 856 | 919 | 987 | 1027 | 1034 | 1022 | 973 | 877 | 725 | 518 | 279 | 116 | 56.1 | 30.6 | 15.3 | 3.28 | 0.41 | |
| 5 | 734 | 769 | 819 | 883 | 939 | 964 | 966 | 946 | 887 | 779 | 618 | 406 | 189 | 84.6 | 43.3 | 23.9 | 10.1 | 0.46 | |
| 10 | 696 | 738 | 794 | 852 | 889 | 900 | 894 | 858 | 780 | 653 | 472 | 258 | 112 | 55.4 | 30.5 | 15.3 | 3.32 | 0.43 | |
| 15 | 539 | 566 | 605 | 653 | 694 | 720 | 733 | 727 | 691 | 616 | 496 | 332 | 163 | 78.8 | 41.8 | 23.4 | 9.84 | 0.46 | |
| 20 | 412 | 438 | 472 | 506 | 534 | 558 | 570 | 561 | 523 | 447 | 330 | 189 | 94.9 | 50.9 | 29.1 | 14.5 | 2.97 | 0.43 | |
| 25 | 311 | 323 | 341 | 363 | 383 | 401 | 415 | 420 | 409 | 375 | 311 | 219 | 122 | 67.8 | 38.8 | 22.1 | 9.20 | 0.47 | |
| 30 | 223 | 229 | 237 | 245 | 253 | 262 | 269 | 270 | 260 | 234 | 188 | 125 | 76.0 | 45.3 | 27.1 | 13.6 | 2.49 | 0.44 | |
| 35 | 181 | 184 | 188 | 192 | 197 | 202 | 206 | 208 | 205 | 193 | 169 | 131 | 87.7 | 55.5 | 34.5 | 20.0 | 8.16 | 0.47 | |
| 40 | 142 | 143 | 144 | 145 | 147 | 147 | 147 | 144 | 137 | 126 | 107 | 83.1 | 58.0 | 38.1 | 23.6 | 11.7 | 1.90 | 0.45 | |
| 45 | 122 | 122 | 122 | 122 | 123 | 123 | 122 | 119 | 115 | 108 | 97.2 | 81.0 | 61.6 | 43.2 | 28.5 | 16.7 | 6.63 | 0.47 | |
| 50 | 102 | 102 | 101 | 99.7 | 98.7 | 97.0 | 94.2 | 90.3 | 85.3 | 78.6 | 69.0 | 55.8 | 42.4 | 29.7 | 18.6 | 9.12 | 1.23 | 0.47 | |
| 55 | 92.5 | 91.1 | 89.0 | 86.8 | 84.6 | 82.5 | 80.2 | 77.3 | 73.5 | 68.4 | 61.4 | 52.2 | 41.7 | 31.0 | 21.2 | 12.4 | 4.77 | 0.48 | |
| 60 | 81.1 | 78.2 | 74.7 | 71.3 | 68.1 | 65.4 | 62.9 | 60.0 | 56.0 | 50.3 | 43.3 | 36.0 | 28.0 | 20.2 | 12.9 | 6.19 | 0.76 | 0.48 | |
| 65 | 85.8 | 79.6 | 72.2 | 65.7 | 60.7 | 56.8 | 53.9 | 51.2 | 48.0 | 43.6 | 38.2 | 32.5 | 26.4 | 20.0 | 13.8 | 8.01 | 2.82 | 0.50 | |
| 70 | 83.6 | 72.1 | 61.6 | 53.8 | 48.4 | 44.5 | 41.7 | 38.8 | 35.0 | 30.6 | 26.3 | 21.8 | 17.0 | 12.2 | 7.63 | 3.39 | 0.57 | 0.50 | |
| 75 | 84.6 | 75.1 | 62.5 | 50.8 | 42.8 | 37.2 | 33.4 | 30.6 | 27.7 | 24.4 | 20.9 | 17.6 | 14.1 | 10.5 | 7.09 | 3.85 | 1.25 | 0.52 | |
| 80 | 75.3 | 63.3 | 48.4 | 37.4 | 30.0 | 24.9 | 21.6 | 19.0 | 16.5 | 13.9 | 11.5 | 9.22 | 6.90 | 4.68 | 2.61 | 0.89 | 0.54 | 0.52 | |
| 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: