

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 977.5 cd per klm.      |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 95.9V x 88.7H |
|             | At 50% of Imax | 58.8V x 55.8H |
|             | At 90% of Imax | 23.7V x 21.1H |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 998.8 lumens per klm. |
|           | To 10% of Imax | 819.3 lumens per klm. |
|           | To 50% of Imax | 529.5 lumens per klm. |
|           | To 90% of Imax | 95.5 lumens per klm.  |

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

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

---

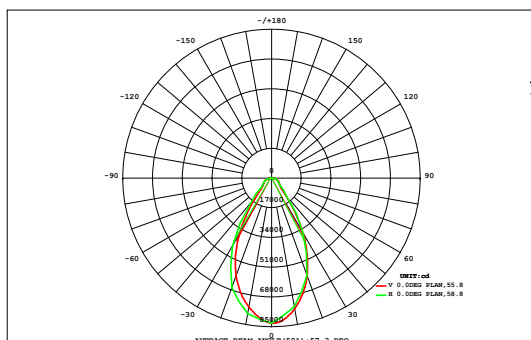
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 November 2019

---

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:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |



| DATA OF LAMP                 |         | Eff:144.64lm/W  |          |
|------------------------------|---------|-----------------|----------|
| NJZMODEL 600-V01-RZ-60-PC-BL |         | Imax(cd)        | 82960    |
| NOMINAL POWER(W)             | 600     | AVAILABILITY(%) | 81.5     |
| RATED VOLTAGE(V)             | 120     | Avai. FLUX(lm)  | 69141    |
| NOMINAL FLUX(lm)             | 84868.8 | LOR(%)          | 100.0    |
| LAMPS INSIDE                 | 1       | TOTAL FLUX(lm)  | 84869    |
| TEST VOLTAGE(V)              | 120     | θ @50% (H,V)    | 56,59DEG |

| 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   | 0.30              | 4.38 | 14.9 | 30.2 | 48.3 | 66.9 | 83.1 | 93.8  | 100   | 101   | 95.9  | 86.6 | 71.0 | 52.8 | 34.3 | 18.1 | 5.98    | 0.50 | 909   | 0.00  |
| 70   | 0.67              | 8.16 | 25.7 | 48.1 | 72.1 | 95.5 | 115  | 128   | 133   | 134   | 130   | 118  | 99.2 | 76.1 | 52.3 | 29.0 | 9.88    | 0.98 | 1277  | 0.00  |
| 60   | 1.05              | 12.1 | 36.0 | 64.4 | 94.1 | 123  | 149  | 170   | 182   | 182   | 171   | 152  | 126  | 98.0 | 68.2 | 39.1 | 13.8    | 1.40 | 1684  | 0.00  |
| 50   | 1.39              | 14.9 | 42.6 | 74.8 | 109  | 148  | 199  | 276   | 342   | 344   | 280   | 203  | 151  | 113  | 78.8 | 45.9 | 16.8    | 1.77 | 2444  | 918   |
| 40   | 1.66              | 17.0 | 47.4 | 82.5 | 124  | 193  | 367  | 642   | 865   | 867   | 650   | 377  | 200  | 128  | 86.8 | 50.7 | 18.9    | 2.07 | 4719  | 3866  |
| 30   | 1.85              | 18.3 | 50.4 | 88.3 | 140  | 298  | 736  | 1270  | 1643  | 1634  | 1270  | 751  | 314  | 146  | 93.4 | 54.0 | 20.6    | 2.31 | 8533  | 7879  |
| 20   | 1.97              | 19.1 | 52.3 | 92.7 | 159  | 460  | 1119 | 1754  | 2169  | 2153  | 1745  | 1129 | 486  | 169  | 98.4 | 56.2 | 21.7    | 2.47 | 11689 | 11124 |
| 10   | 1.97              | 19.2 | 53.0 | 95.0 | 174  | 567  | 1314 | 1979  | 2407  | 2388  | 1970  | 1331 | 607  | 189  | 102  | 57.4 | 22.3    | 2.58 | 13279 | 12754 |
| 0  | 1.91              | 18.9 | 52.6 | 94.2 | 170  | 543  | 1266 | 1937  | 2368  | 2341  | 1926  | 1297 | 592  | 188  | 101  | 57.4 | 22.4    | 2.60 | 12978 | 12446 |
| -10  | 1.70              | 18.0 | 50.7 | 90.1 | 150  | 401  | 982  | 1582  | 1986  | 1976  | 1604  | 1042 | 460  | 168  | 98.2 | 56.3 | 22.1    | 2.56 | 10693 | 10119 |
| -20  | 1.40              | 16.7 | 48.0 | 84.6 | 131  | 249  | 597  | 1061  | 1401  | 1417  | 1111  | 669  | 292  | 144  | 93.1 | 54.1 | 21.2    | 2.35 | 7394  | 6714  |
| -30  | 0.98              | 14.6 | 43.8 | 77.5 | 115  | 162  | 280  | 498   | 690   | 710   | 547   | 327  | 184  | 127  | 86.5 | 50.7 | 19.7    | 2.02 | 3937  | 3021  |
| -40  | 0.65              | 12.0 | 37.9 | 68.4 | 100  | 133  | 156  | 186   | 224   | 232   | 202   | 169  | 144  | 111  | 77.6 | 45.5 | 17.3    | 1.58 | 1919  | 299   |
| -50  | 0.36              | 8.42 | 29.4 | 55.5 | 82.8 | 109  | 131  | 144   | 147   | 149   | 149   | 140  | 120  | 93.9 | 65.9 | 38.3 | 14.0    | 1.21 | 1480  | 0.00  |
| -60  | 0.16              | 4.58 | 18.5 | 37.8 | 59.1 | 80.6 | 99.2 | 110   | 115   | 117   | 116   | 108  | 91.5 | 70.8 | 49.0 | 28.0 | 9.56    | 0.84 | 1117  | 0.00  |
| -70  | 0.04              | 1.40 | 7.35 | 17.5 | 30.8 | 44.6 | 57.2 | 66.3  | 75.7  | 77.6  | 71.8  | 65.6 | 54.7 | 41.4 | 27.8 | 15.3 | 4.93    | 0.54 | 661   | 0.00  |
| -80  | 0.01              | 0.03 | 0.52 | 2.11 | 4.71 | 7.87 | 11.6 | 15.6  | 24.0  | 24.9  | 18.4  | 15.7 | 12.8 | 9.69 | 5.98 | 3.11 | 1.08    | 0.17 | 158   | 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  | 18.1              | 208  | 611  | 1104 | 1766 | 3681 | 7663 | 11914 | 14873 | 14849 | 12059 | 7982 | 4007 | 1928 | 1219 | 699  | 262     | 28.0 | 84869 | ---   |
| Φ a  | 0.00              | 0.00 | 0.00 | 0.00 | 219  | 2494 | 6636 | 10919 | 13864 | 13834 | 11049 | 6953 | 2817 | 357  | 0.00 | 0.00 | 0.00    | 0.00 | ---   | 69141 |

one-half-peak spread: U:27.6,D:31.6 , L:26.9,R:29.3

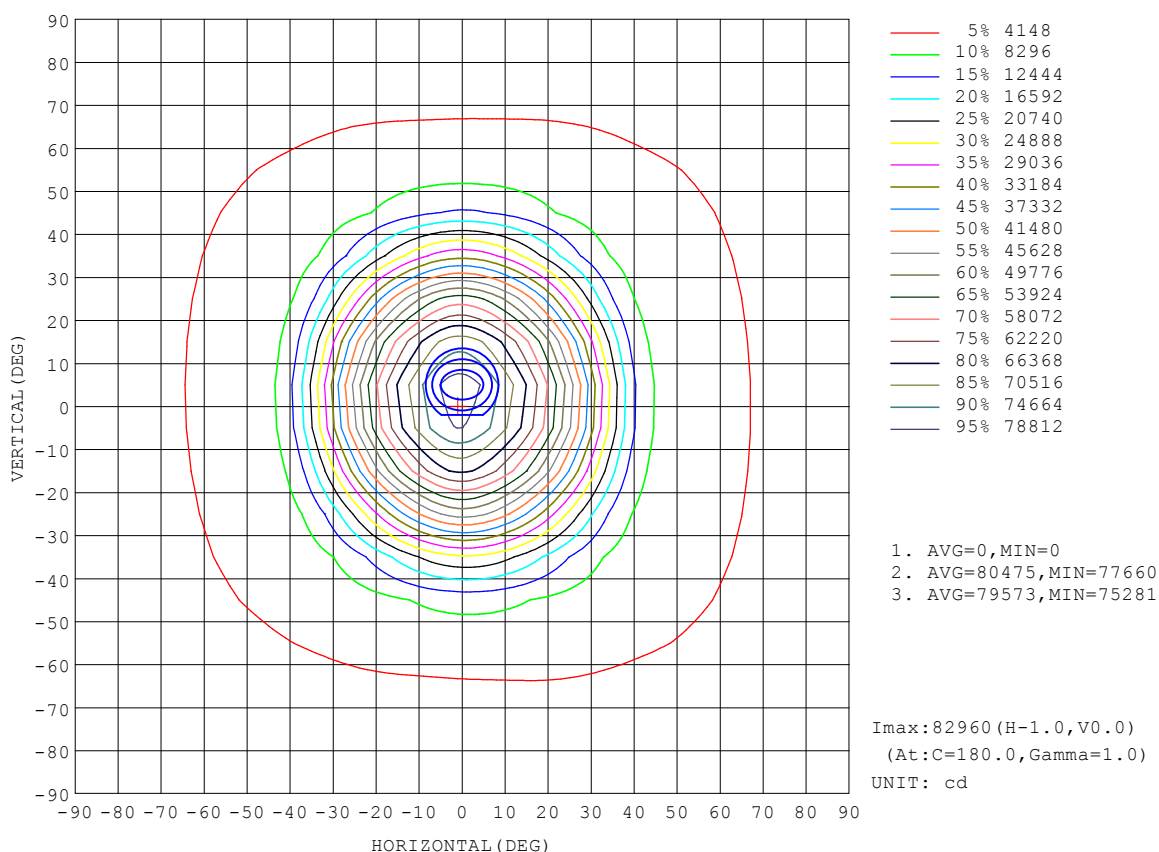
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 November 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:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

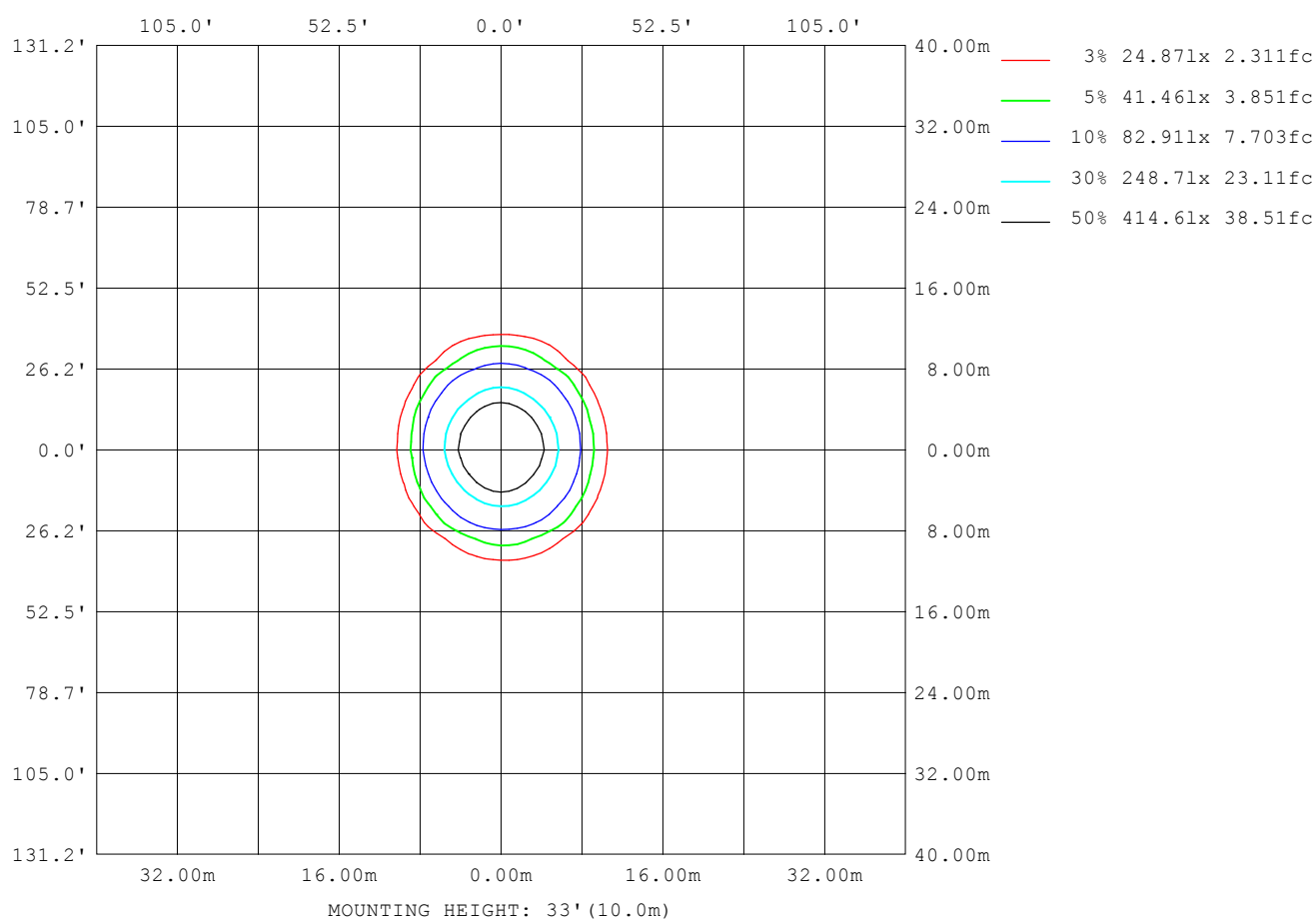


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 November 2019

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

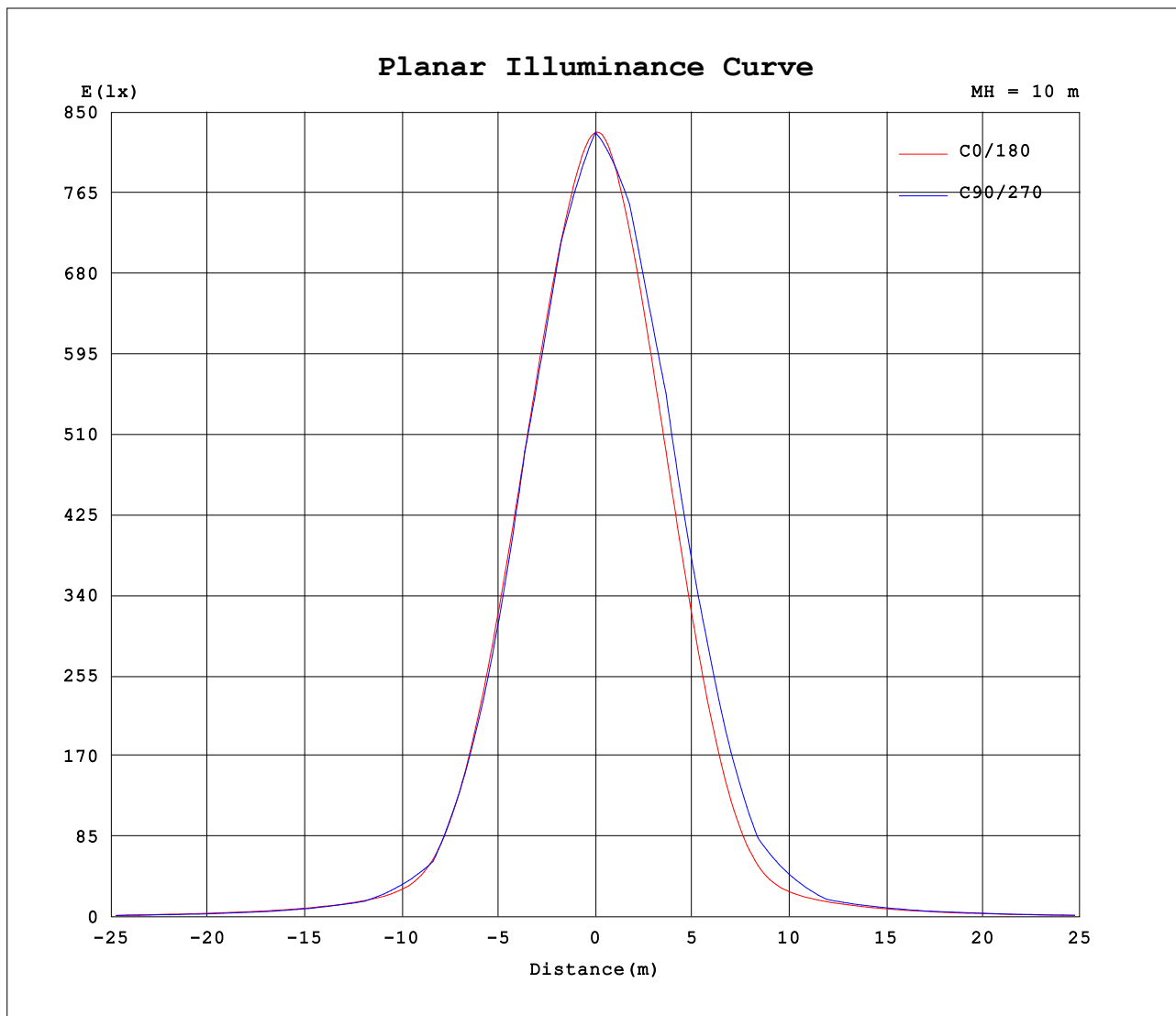
|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | 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:06 November 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



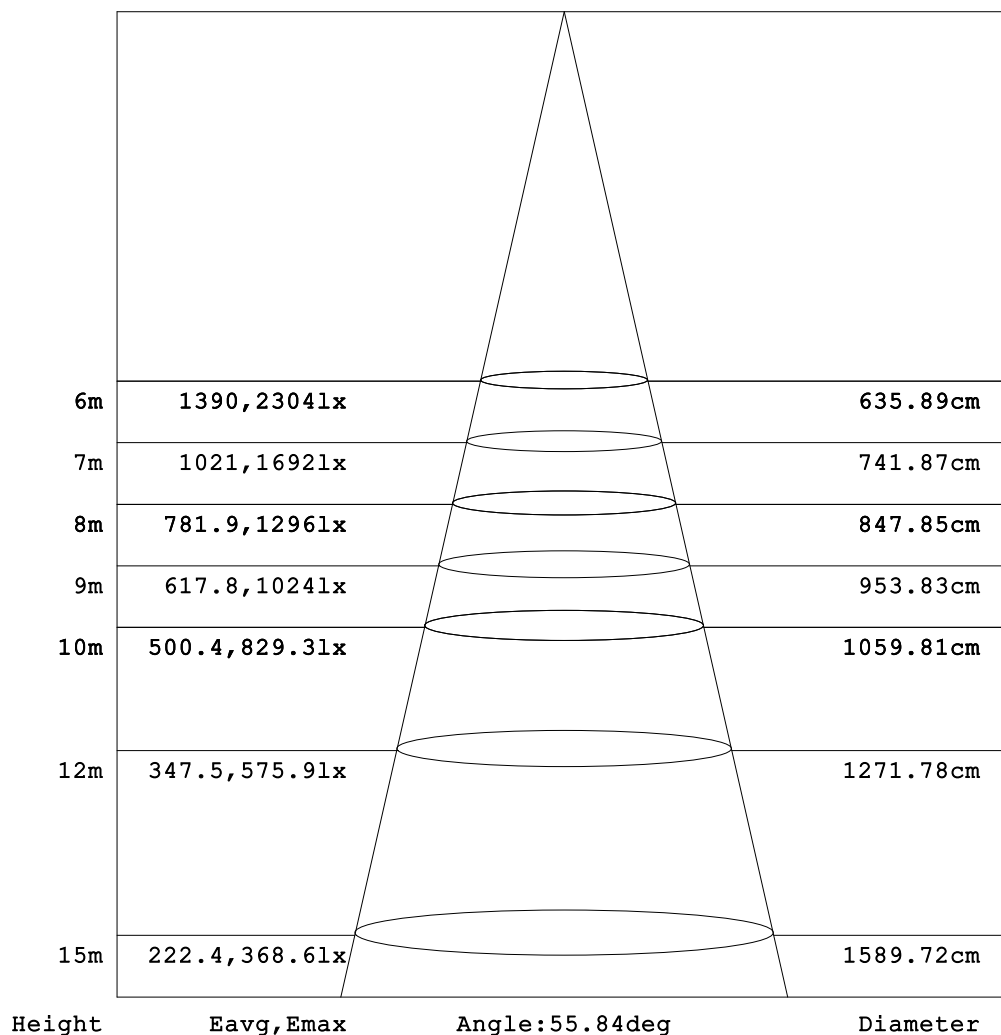
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:06 November 2019

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:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Flux out:44446 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:06 November 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:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | 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)<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                | 1.34 | 1.35 | 1.50 | 3.57 | 11.1 | 22.8 | 36.3 | 49.5 | 62.8 | 76.6 | 89.0 | 101  | 113  | 124  | 135  | 145  | 161  | 191  | 211  |
| -75                | 1.32 | 1.38 | 4.67 | 17.4 | 36.3 | 58.1 | 81.0 | 101  | 123  | 143  | 160  | 176  | 192  | 205  | 215  | 224  | 234  | 253  | 265  |
| -70                | 1.30 | 1.41 | 7.84 | 31.2 | 61.4 | 93.4 | 126  | 152  | 182  | 208  | 230  | 252  | 272  | 286  | 296  | 303  | 308  | 314  | 319  |
| -65                | 1.27 | 2.06 | 16.2 | 52.2 | 98.0 | 140  | 178  | 212  | 243  | 271  | 296  | 319  | 340  | 357  | 369  | 375  | 379  | 384  | 389  |
| -60                | 1.24 | 2.71 | 24.6 | 73.2 | 134  | 186  | 230  | 272  | 304  | 333  | 361  | 386  | 409  | 428  | 441  | 448  | 451  | 454  | 458  |
| -55                | 1.23 | 4.78 | 34.7 | 97.2 | 167  | 224  | 272  | 315  | 350  | 381  | 410  | 437  | 462  | 485  | 504  | 519  | 531  | 541  | 548  |
| -50                | 1.23 | 6.84 | 44.7 | 121  | 200  | 262  | 313  | 357  | 397  | 429  | 460  | 488  | 516  | 543  | 567  | 590  | 611  | 627  | 638  |
| -45                | 1.24 | 9.31 | 58.0 | 141  | 225  | 290  | 343  | 389  | 429  | 465  | 502  | 541  | 583  | 633  | 698  | 780  | 866  | 936  | 971  |
| -40                | 1.26 | 11.8 | 71.4 | 162  | 251  | 318  | 372  | 420  | 462  | 501  | 544  | 594  | 651  | 723  | 829  | 970  | 1120 | 1244 | 1305 |
| -35                | 1.29 | 14.6 | 83.1 | 173  | 269  | 337  | 392  | 442  | 488  | 534  | 592  | 675  | 829  | 1082 | 1405 | 1755 | 2078 | 2320 | 2430 |
| -30                | 1.33 | 17.3 | 94.9 | 185  | 287  | 356  | 412  | 464  | 513  | 568  | 641  | 755  | 1008 | 1441 | 1981 | 2541 | 3035 | 3396 | 3555 |
| -25                | 1.37 | 22.5 | 104  | 195  | 301  | 369  | 427  | 482  | 536  | 603  | 715  | 977  | 1466 | 2135 | 2863 | 3557 | 4141 | 4561 | 4740 |
| -20                | 1.41 | 27.7 | 114  | 205  | 316  | 383  | 441  | 500  | 559  | 639  | 790  | 1199 | 1924 | 2830 | 3746 | 4574 | 5246 | 5726 | 5926 |
| -15                | 1.45 | 33.8 | 118  | 210  | 324  | 391  | 451  | 512  | 578  | 674  | 906  | 1516 | 2443 | 3482 | 4466 | 5319 | 6003 | 6509 | 6700 |
| -10                | 1.49 | 40.0 | 122  | 215  | 332  | 399  | 460  | 524  | 597  | 708  | 1022 | 1833 | 2961 | 4134 | 5186 | 6064 | 6760 | 7293 | 7474 |
| -5                 | 1.51 | 42.7 | 126  | 220  | 337  | 404  | 466  | 532  | 610  | 736  | 1120 | 2037 | 3253 | 4477 | 5559 | 6465 | 7175 | 7706 | 7882 |
| 0                  | 1.54 | 45.4 | 130  | 225  | 342  | 409  | 472  | 540  | 623  | 764  | 1218 | 2241 | 3545 | 4820 | 5933 | 6866 | 7590 | 8119 | 8291 |
| 5                  | 1.58 | 45.6 | 130  | 225  | 341  | 408  | 471  | 538  | 618  | 752  | 1174 | 2156 | 3427 | 4679 | 5767 | 6665 | 7365 | 7898 | 8087 |
| 10                 | 1.61 | 45.7 | 130  | 225  | 340  | 406  | 469  | 535  | 613  | 740  | 1130 | 2071 | 3310 | 4538 | 5602 | 6465 | 7139 | 7676 | 7882 |
| 15                 | 1.63 | 45.5 | 128  | 223  | 336  | 402  | 463  | 526  | 598  | 709  | 1011 | 1777 | 2862 | 4005 | 5033 | 5891 | 6567 | 7085 | 7275 |
| 20                 | 1.65 | 45.2 | 127  | 222  | 332  | 397  | 457  | 517  | 582  | 678  | 893  | 1483 | 2415 | 3471 | 4464 | 5316 | 5995 | 6494 | 6668 |
| 25                 | 1.67 | 42.8 | 122  | 216  | 322  | 388  | 446  | 503  | 562  | 641  | 795  | 1185 | 1864 | 2711 | 3563 | 4335 | 4963 | 5416 | 5577 |
| 30                 | 1.69 | 40.5 | 117  | 210  | 313  | 379  | 435  | 488  | 541  | 604  | 697  | 888  | 1313 | 1950 | 2663 | 3353 | 3930 | 4339 | 4486 |
| 35                 | 1.70 | 37.6 | 111  | 202  | 299  | 364  | 419  | 470  | 517  | 571  | 642  | 769  | 1024 | 1413 | 1876 | 2353 | 2766 | 3064 | 3174 |
| 40                 | 1.72 | 34.8 | 105  | 193  | 285  | 350  | 403  | 451  | 494  | 537  | 588  | 651  | 736  | 876  | 1090 | 1353 | 1602 | 1789 | 1863 |
| 45                 | 1.74 | 30.3 | 95.1 | 178  | 264  | 328  | 380  | 425  | 466  | 504  | 545  | 593  | 652  | 737  | 860  | 1007 | 1144 | 1248 | 1288 |
| 50                 | 1.76 | 25.9 | 85.5 | 163  | 243  | 305  | 356  | 400  | 438  | 470  | 503  | 535  | 568  | 599  | 630  | 661  | 687  | 706  | 714  |
| 55                 | 1.78 | 21.5 | 74.3 | 144  | 216  | 274  | 323  | 364  | 400  | 432  | 461  | 489  | 515  | 540  | 562  | 581  | 597  | 608  | 613  |
| 60                 | 1.80 | 17.1 | 63.0 | 124  | 190  | 243  | 289  | 328  | 363  | 393  | 419  | 442  | 463  | 480  | 494  | 502  | 506  | 509  | 511  |
| 65                 | 1.82 | 12.3 | 50.1 | 98.1 | 151  | 199  | 238  | 274  | 306  | 333  | 357  | 380  | 400  | 416  | 427  | 434  | 437  | 439  | 441  |
| 70                 | 1.84 | 7.49 | 37.2 | 71.8 | 113  | 154  | 186  | 220  | 250  | 273  | 296  | 319  | 337  | 352  | 360  | 365  | 367  | 370  | 372  |
| 75                 | 1.86 | 5.01 | 24.1 | 50.2 | 79.7 | 109  | 136  | 161  | 185  | 206  | 226  | 244  | 260  | 273  | 281  | 287  | 291  | 295  | 298  |
| 80                 | 1.87 | 2.53 | 11.1 | 28.6 | 46.1 | 64.9 | 85.5 | 102  | 121  | 139  | 155  | 170  | 183  | 194  | 202  | 208  | 215  | 221  | 225  |
| 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:06 November 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:120.04V I:4.9761A P:586.76W PF:0.9823 Freq:59.98Hz Lamp Flux:84868.8x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:600W   | 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)<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                | 197  | 173  | 164  | 160  | 155  | 148  | 141  | 133  | 124  | 111  | 97.5 | 85.8 | 71.0 | 55.8 | 38.1 | 20.9 | 13.1 | 5.00 |  |
| -75                | 259  | 247  | 243  | 241  | 236  | 228  | 218  | 205  | 192  | 177  | 158  | 138  | 118  | 93.8 | 60.7 | 29.8 | 16.6 | 4.79 |  |
| -70                | 321  | 321  | 322  | 322  | 317  | 308  | 294  | 276  | 259  | 242  | 218  | 191  | 166  | 132  | 83.4 | 38.7 | 20.1 | 4.58 |  |
| -65                | 391  | 394  | 396  | 396  | 390  | 379  | 363  | 344  | 324  | 302  | 276  | 246  | 213  | 173  | 114  | 51.9 | 23.9 | 4.40 |  |
| -60                | 462  | 466  | 470  | 470  | 463  | 449  | 432  | 411  | 389  | 363  | 334  | 301  | 261  | 214  | 144  | 65.0 | 27.7 | 4.21 |  |
| -55                | 550  | 549  | 545  | 536  | 523  | 505  | 484  | 460  | 434  | 406  | 374  | 337  | 294  | 243  | 170  | 79.1 | 33.5 | 3.94 |  |
| -50                | 639  | 632  | 619  | 602  | 583  | 561  | 535  | 508  | 479  | 449  | 414  | 373  | 327  | 272  | 196  | 93.2 | 39.3 | 3.68 |  |
| -45                | 963  | 915  | 842  | 762  | 692  | 637  | 592  | 552  | 515  | 480  | 442  | 399  | 350  | 293  | 212  | 109  | 40.4 | 3.44 |  |
| -40                | 1287 | 1198 | 1064 | 921  | 800  | 712  | 648  | 596  | 552  | 512  | 471  | 425  | 374  | 315  | 228  | 126  | 41.6 | 3.21 |  |
| -35                | 2376 | 2186 | 1902 | 1570 | 1240 | 957  | 762  | 654  | 588  | 538  | 493  | 444  | 390  | 330  | 240  | 135  | 44.7 | 2.89 |  |
| -30                | 3466 | 3175 | 2739 | 2219 | 1679 | 1203 | 875  | 711  | 624  | 564  | 515  | 462  | 407  | 346  | 253  | 145  | 47.8 | 2.57 |  |
| -25                | 4606 | 4242 | 3722 | 3085 | 2389 | 1705 | 1143 | 807  | 661  | 586  | 531  | 475  | 416  | 355  | 259  | 148  | 55.0 | 2.23 |  |
| -20                | 5746 | 5310 | 4706 | 3952 | 3098 | 2207 | 1410 | 902  | 697  | 607  | 546  | 487  | 426  | 364  | 266  | 152  | 62.2 | 1.89 |  |
| -15                | 6473 | 6010 | 5395 | 4617 | 3703 | 2706 | 1748 | 1051 | 741  | 626  | 558  | 495  | 433  | 369  | 270  | 154  | 66.6 | 1.75 |  |
| -10                | 7199 | 6710 | 6084 | 5282 | 4308 | 3204 | 2086 | 1199 | 784  | 645  | 569  | 504  | 439  | 375  | 275  | 157  | 70.9 | 1.61 |  |
| -5                 | 7605 | 7097 | 6444 | 5609 | 4600 | 3447 | 2258 | 1278 | 806  | 654  | 575  | 507  | 441  | 376  | 274  | 156  | 70.4 | 1.59 |  |
| 0                  | 8011 | 7484 | 6804 | 5935 | 4892 | 3689 | 2430 | 1358 | 828  | 663  | 580  | 510  | 443  | 378  | 274  | 156  | 69.9 | 1.57 |  |
| 5                  | 7814 | 7295 | 6626 | 5773 | 4740 | 3555 | 2327 | 1304 | 811  | 656  | 576  | 507  | 441  | 376  | 272  | 155  | 69.0 | 1.64 |  |
| 10                 | 7617 | 7106 | 6449 | 5611 | 4589 | 3422 | 2224 | 1251 | 795  | 649  | 572  | 504  | 439  | 374  | 269  | 154  | 68.1 | 1.72 |  |
| 15                 | 7024 | 6525 | 5866 | 5036 | 4047 | 2957 | 1892 | 1096 | 750  | 630  | 560  | 495  | 432  | 368  | 262  | 150  | 65.7 | 1.70 |  |
| 20                 | 6432 | 5943 | 5283 | 4461 | 3505 | 2492 | 1560 | 942  | 705  | 610  | 548  | 486  | 425  | 362  | 255  | 146  | 63.3 | 1.68 |  |
| 25                 | 5377 | 4935 | 4327 | 3585 | 2759 | 1939 | 1249 | 833  | 667  | 589  | 532  | 474  | 415  | 353  | 247  | 141  | 60.8 | 1.67 |  |
| 30                 | 4323 | 3928 | 3371 | 2708 | 2012 | 1387 | 937  | 725  | 628  | 567  | 517  | 462  | 405  | 344  | 240  | 137  | 58.3 | 1.66 |  |
| 35                 | 3064 | 2778 | 2375 | 1912 | 1453 | 1068 | 801  | 665  | 593  | 542  | 495  | 444  | 390  | 328  | 228  | 129  | 54.1 | 1.67 |  |
| 40                 | 1805 | 1628 | 1380 | 1115 | 894  | 748  | 666  | 605  | 558  | 517  | 474  | 427  | 375  | 312  | 216  | 121  | 49.8 | 1.68 |  |
| 45                 | 1257 | 1159 | 1023 | 877  | 751  | 664  | 608  | 563  | 524  | 487  | 448  | 403  | 353  | 291  | 201  | 112  | 45.1 | 1.70 |  |
| 50                 | 708  | 691  | 667  | 638  | 609  | 580  | 551  | 520  | 489  | 458  | 422  | 380  | 331  | 270  | 186  | 103  | 40.4 | 1.73 |  |
| 55                 | 610  | 600  | 587  | 569  | 549  | 527  | 503  | 477  | 450  | 421  | 386  | 346  | 299  | 242  | 165  | 90.9 | 33.6 | 1.75 |  |
| 60                 | 511  | 510  | 507  | 501  | 489  | 473  | 456  | 434  | 411  | 383  | 350  | 312  | 267  | 214  | 145  | 78.9 | 26.8 | 1.78 |  |
| 65                 | 441  | 441  | 440  | 435  | 426  | 412  | 395  | 374  | 351  | 327  | 297  | 261  | 223  | 176  | 119  | 65.5 | 21.0 | 1.81 |  |
| 70                 | 372  | 372  | 372  | 370  | 363  | 351  | 334  | 313  | 291  | 271  | 244  | 210  | 179  | 139  | 92.9 | 52.1 | 15.1 | 1.84 |  |
| 75                 | 297  | 295  | 293  | 290  | 283  | 273  | 258  | 241  | 223  | 204  | 182  | 157  | 131  | 100  | 68.1 | 36.1 | 10.1 | 1.88 |  |
| 80                 | 223  | 218  | 213  | 210  | 204  | 195  | 183  | 170  | 156  | 137  | 119  | 103  | 82.1 | 61.3 | 43.4 | 20.1 | 5.10 | 1.91 |  |
| 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:06 November 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: