

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 1651.5 cd per klm.     |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |               |
|-------------|----------------|---------------|
| Beam Spread | At 10% of Imax | 73.3V x 69.8H |
|             | At 50% of Imax | 33.5V x 33.7H |
|             | At 90% of Imax | 12.0V x 14.5H |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 996.3 lumens per klm. |
|           | To 10% of Imax | 652.0 lumens per klm. |
|           | To 50% of Imax | 326.2 lumens per klm. |
|           | To 90% of Imax | 52.2 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 0.0 %  |
| Downward LOR | 99.6 % |

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

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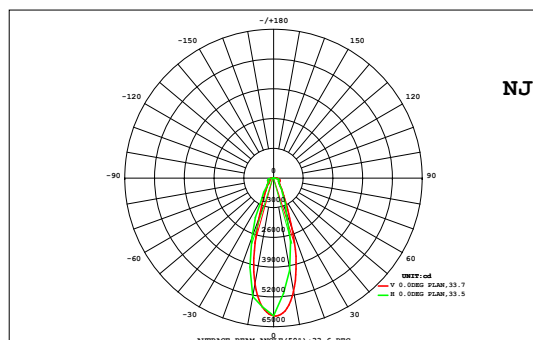
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:18 October 2019

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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:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |



| DATA OF LAMP      |               | Eff:129.34lm/W   |           |
|-------------------|---------------|------------------|-----------|
| MODEL NO-V01      | RZ-30-PC-U-GR | Imax (cd)        | 60267     |
| NOMINAL POWER (W) | 300           | AVAILABILITY (%) | 64.8      |
| RATED VOLTAGE (V) | 220           | Avail. FLUX (lm) | 23630     |
| NOMINAL FLUX (lm) | 36491.3       | LOR (%)          | 100.0     |
| LAMPS INSIDE      | 1             | TOTAL FLUX (lm)  | 36491     |
| TEST VOLTAGE (V)  | 220           | θ @50% (H, V)    | 34, 33DEG |

|                |      | 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  |       |      |
| 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  |      |
|                | 80   | 1.71              | 11.1 | 22.8 | 36.1 | 51.3 | 63.7 | 73.9 | 81.5             | 86.9 | 86.3 | 80.1 | 71.3 | 60.2 | 46.9 | 32.8 | 19.8 | 8.21     | 0.65  | 835   | 0.00 |
|                | 70   | 2.28              | 11.7 | 24.9 | 40.4 | 55.3 | 65.5 | 72.9 | 78.8             | 84.8 | 84.8 | 78.3 | 71.6 | 64.0 | 52.5 | 37.2 | 22.5 | 10.2     | 1.47  | 859   | 0.00 |
|                | 60   | 2.73              | 13.4 | 29.3 | 46.3 | 57.5 | 63.7 | 70.6 | 77.5             | 81.6 | 81.4 | 77.3 | 70.7 | 64.4 | 56.5 | 43.4 | 26.6 | 11.9     | 1.94  | 877   | 0.00 |
|                | 50   | 3.04              | 14.8 | 32.6 | 47.1 | 55.5 | 71.0 | 90.5 | 108              | 117  | 116  | 106  | 88.3 | 69.4 | 55.6 | 46.3 | 30.1 | 13.3     | 2.29  | 1067  | 0.00 |
|                | 40   | 3.28              | 15.9 | 33.9 | 45.4 | 62.0 | 89.9 | 131  | 181              | 213  | 210  | 173  | 125  | 86.4 | 60.6 | 45.7 | 31.8 | 14.4     | 2.54  | 1524  | 482  |
|                | 30   | 3.44              | 16.6 | 33.5 | 46.6 | 70.1 | 115  | 206  | 377              | 512  | 497  | 341  | 185  | 108  | 67.6 | 46.3 | 32.3 | 15.1     | 2.71  | 2675  | 2040 |
|                | -30  | 3.53              | 17.0 | 33.0 | 48.4 | 78.1 | 143  | 314  | 762              | 1144 | 1106 | 668  | 268  | 130  | 74.1 | 47.6 | 31.9 | 15.3     | 2.80  | 4888  | 4356 |
|                |      | 3.56              | 17.2 | 32.8 | 49.4 | 82.8 | 161  | 396  | 1092             | 1692 | 1641 | 951  | 328  | 145  | 77.9 | 48.5 | 31.6 | 15.5     | 2.85  | 6767  | 6274 |
|                |      | 3.53              | 17.1 | 32.8 | 49.2 | 82.0 | 158  | 381  | 1014             | 1558 | 1515 | 874  | 310  | 141  | 76.9 | 48.2 | 31.4 | 15.3     | 2.79  | 6310  | 5807 |
|                |      | 3.40              | 16.7 | 32.9 | 47.8 | 75.9 | 134  | 275  | 600              | 855  | 835  | 513  | 233  | 123  | 71.9 | 46.9 | 31.2 | 14.9     | 2.71  | 3912  | 3356 |
|                |      | 3.20              | 16.3 | 33.2 | 46.1 | 68.2 | 108  | 174  | 253              | 309  | 299  | 230  | 157  | 100  | 65.2 | 45.3 | 30.9 | 14.3     | 2.50  | 1955  | 1196 |
| 2.89           |      | 15.4              | 32.9 | 44.9 | 60.7 | 85.6 | 118  | 147  | 165              | 163  | 144  | 113  | 81.9 | 58.9 | 44.4 | 30.1 | 13.6 | 2.22     | 1323  | 120   |      |
| -40            | 2.50 | 14.3              | 30.9 | 45.0 | 54.6 | 68.7 | 84.5 | 96.4 | 102              | 101  | 95.4 | 82.6 | 66.9 | 53.7 | 43.3 | 28.1 | 12.5 | 1.82     | 985   | 0.00  |      |
| -50            | 2.05 | 12.8              | 27.5 | 43.5 | 52.8 | 60.1 | 67.8 | 74.4 | 78.0             | 77.7 | 73.8 | 67.1 | 59.0 | 51.3 | 40.1 | 24.8 | 11.1 | 1.38     | 825   | 0.00  |      |
| -60            | 1.61 | 11.1              | 23.3 | 37.5 | 51.5 | 59.2 | 63.9 | 69.2 | 74.8             | 73.7 | 67.8 | 62.6 | 57.2 | 47.5 | 34.1 | 20.7 | 9.42 | 0.94     | 766   | 0.00  |      |
| -70            | 1.15 | 8.98              | 18.6 | 29.4 | 41.0 | 51.6 | 59.4 | 65.8 | 71.9             | 70.2 | 63.2 | 56.3 | 47.9 | 37.3 | 26.3 | 16.1 | 7.06 | 0.51     | 673   | 0.00  |      |
| -80            | 0.40 | 3.52              | 7.29 | 11.2 | 15.2 | 19.0 | 22.5 | 25.0 | 25.9             | 25.7 | 24.2 | 21.1 | 17.4 | 13.6 | 9.61 | 5.92 | 2.30 | 0.07     | 250   | 0.00  |      |
| -90            | -90  | -80               | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL (DEG) |      |      |      | 20   | 30   | 40   | 50   | 60   | 70       | 80    | 90    |      |
| Φ t            | 44.3 | 234               | 482  | 714  | 1015 | 1517 | 2601 | 5102 | 7170             | 6983 | 4561 | 2312 | 1422 | 968  | 686  | 446  | 204  | 32.2     | 36491 | ---   |      |
| Φ a            | 0.00 | 0.00              | 0.00 | 0.00 | 0.00 | 314  | 1667 | 4214 | 6225             | 6045 | 3672 | 1323 | 170  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00     | ---   | 23630 |      |

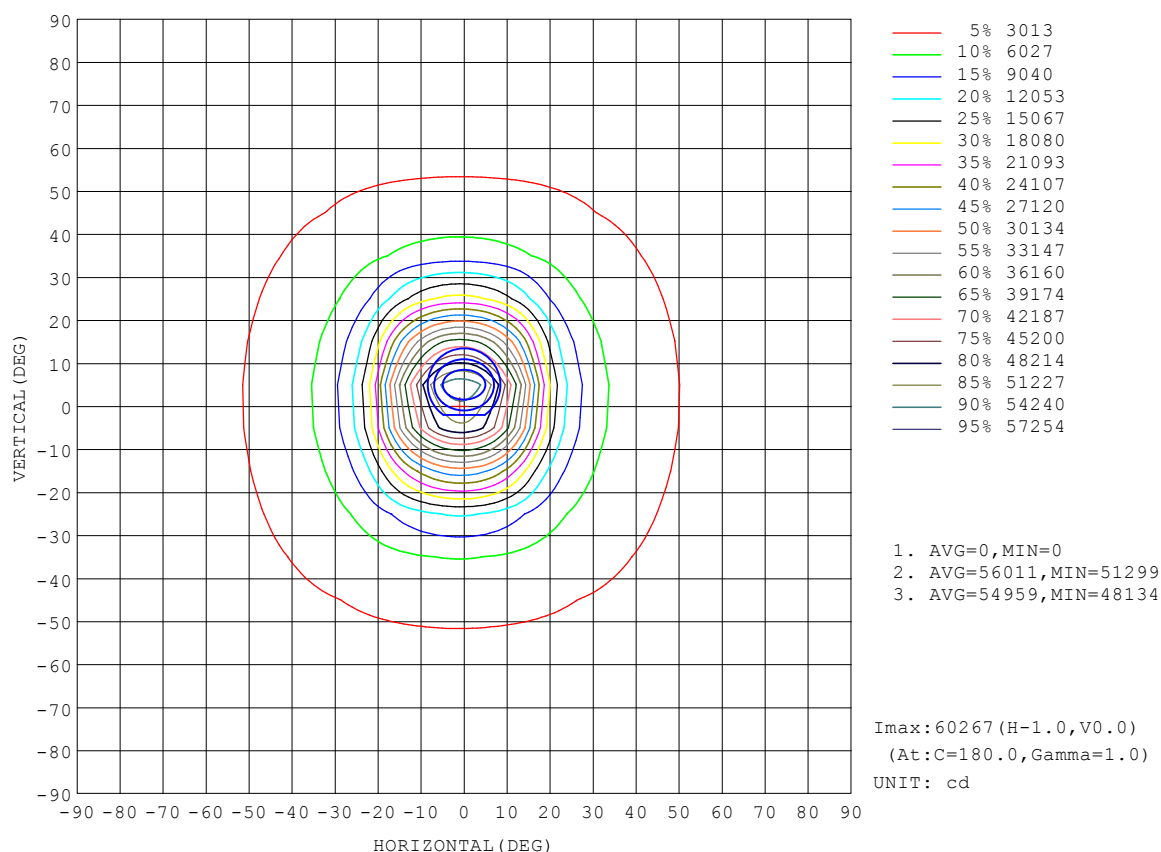
one-half-peak spread: U:14.6,D:19.1 , L:17.0,R:17.0 NEMA Beam Type: Type 4 x 5 (H x V)

```
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:
```

# ISOCANDELA DIAGRAM

|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

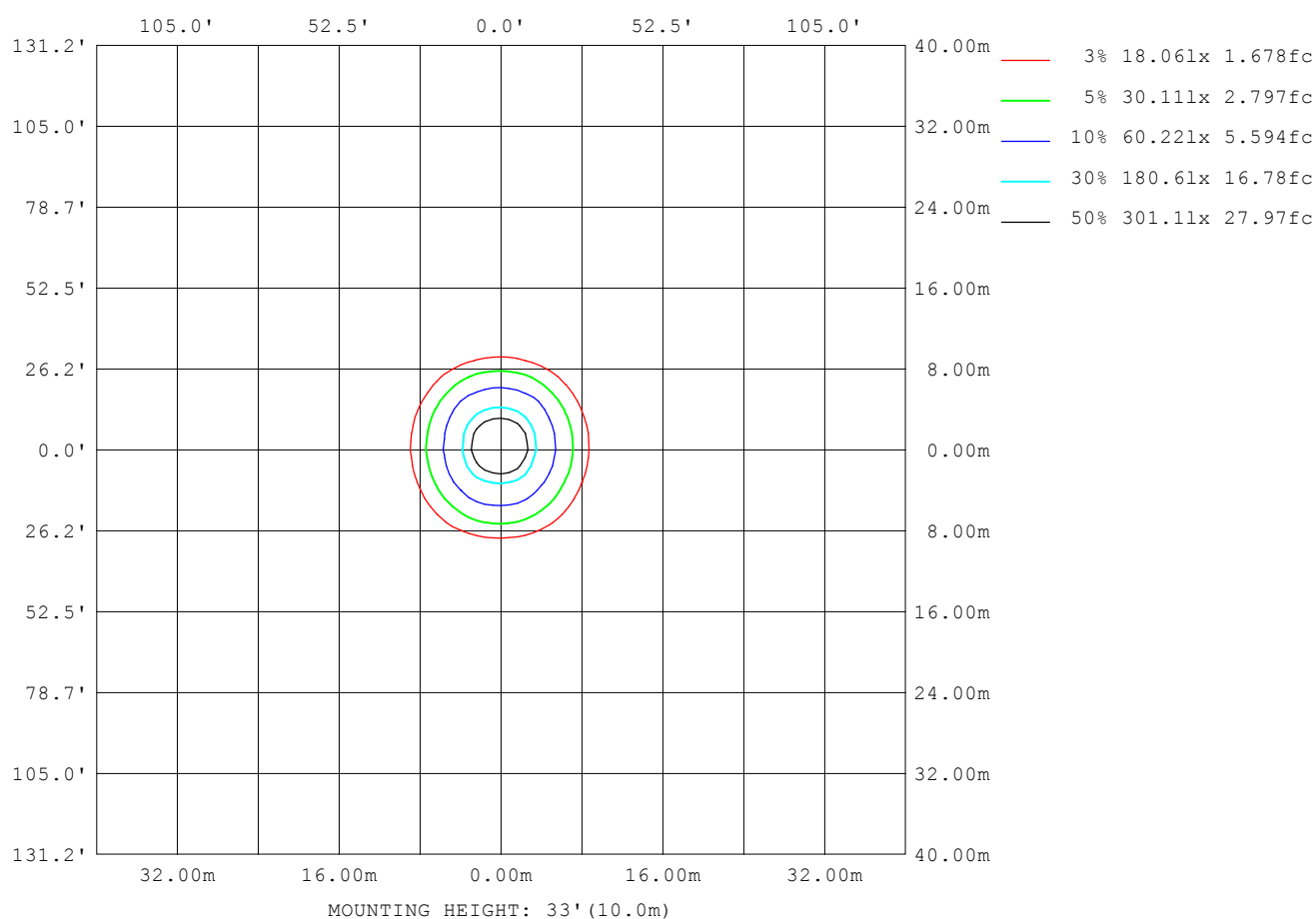


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:18 October 2019

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

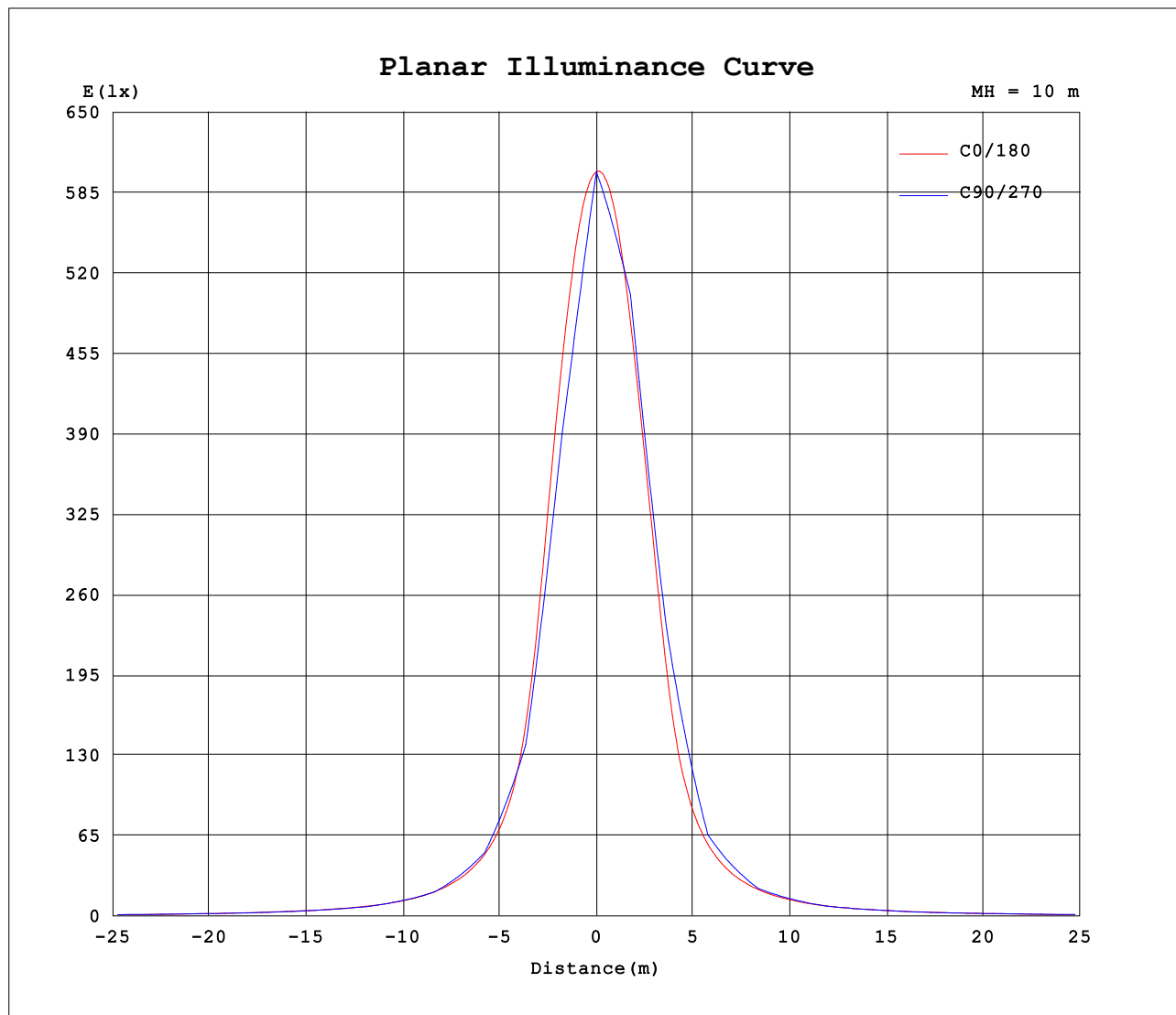
|  |                 |                     |
|--|-----------------|---------------------|
| Test:U:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | 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: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



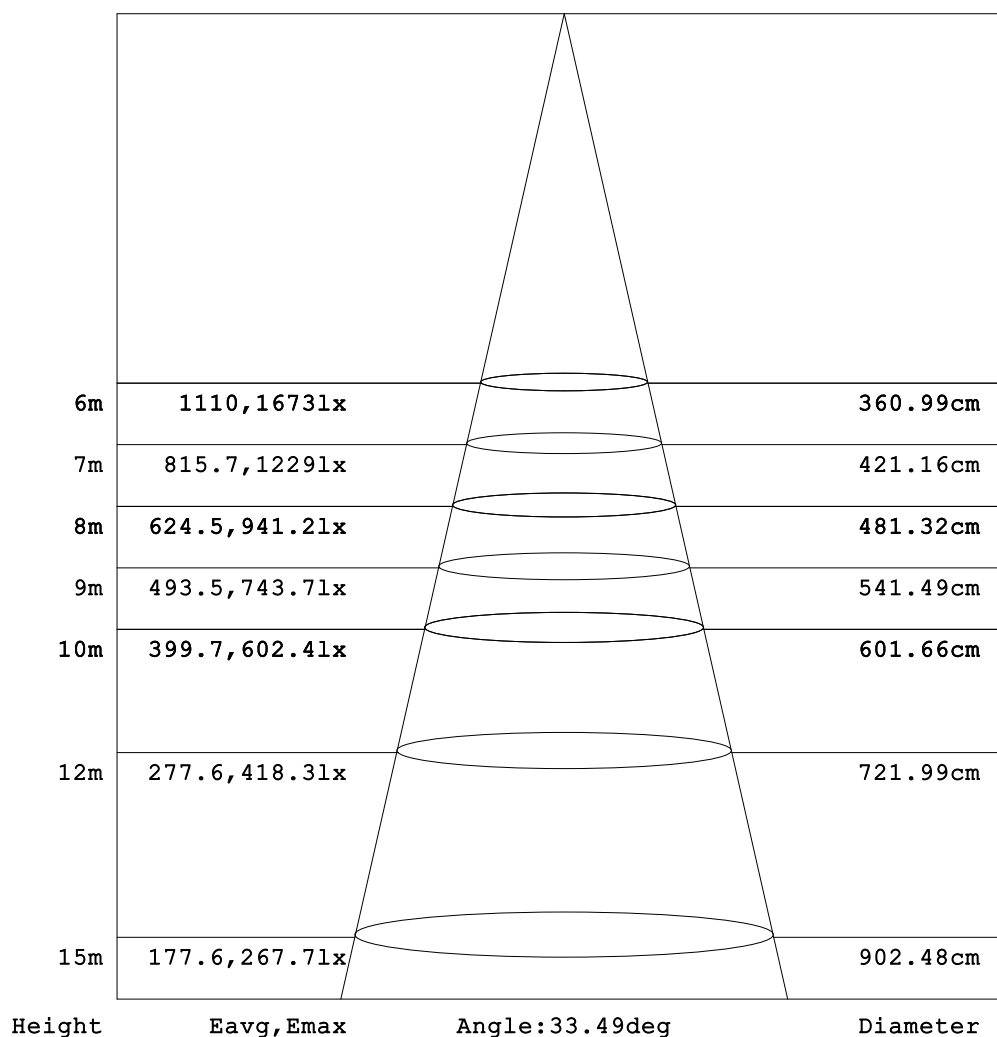
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:18 October 2019

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:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | DIM.: N/A       | SERIAL No.:N/A      |
| MFR.: NJZ Lighting Technology Co.,Ltd  | SUR.:N/A        | Shielding Angle:N/A |

Flux out:11737 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: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:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | 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                | 1.25 | 18.2 | 63.7 | 97.8 | 111  | 123  | 133  | 141  | 149  | 157  | 163  | 168  | 174  | 178  | 182  | 186  | 188  | 189  | 189  |
| -75                | 1.26 | 24.2 | 77.8 | 113  | 129  | 143  | 156  | 167  | 177  | 188  | 195  | 200  | 205  | 208  | 211  | 215  | 221  | 227  | 228  |
| -70                | 1.27 | 30.2 | 91.9 | 128  | 146  | 163  | 180  | 193  | 205  | 218  | 227  | 232  | 236  | 237  | 240  | 245  | 253  | 264  | 266  |
| -65                | 1.31 | 36.7 | 105  | 139  | 160  | 180  | 199  | 213  | 225  | 236  | 238  | 237  | 236  | 236  | 238  | 242  | 248  | 255  | 257  |
| -60                | 1.35 | 43.1 | 117  | 150  | 173  | 197  | 218  | 233  | 245  | 254  | 250  | 243  | 237  | 235  | 236  | 239  | 243  | 247  | 248  |
| -55                | 1.38 | 49.6 | 127  | 159  | 186  | 212  | 234  | 248  | 250  | 249  | 247  | 247  | 248  | 253  | 258  | 262  | 266  | 269  | 270  |
| -50                | 1.42 | 56.0 | 137  | 168  | 199  | 227  | 249  | 263  | 255  | 244  | 243  | 251  | 260  | 270  | 280  | 286  | 290  | 292  | 292  |
| -45                | 1.51 | 63.9 | 143  | 177  | 210  | 239  | 257  | 260  | 254  | 254  | 263  | 278  | 296  | 315  | 333  | 347  | 357  | 363  | 364  |
| -40                | 1.61 | 71.7 | 149  | 186  | 222  | 251  | 265  | 257  | 253  | 264  | 282  | 305  | 332  | 360  | 386  | 408  | 424  | 433  | 435  |
| -35                | 1.73 | 80.7 | 154  | 191  | 229  | 257  | 262  | 257  | 262  | 280  | 307  | 344  | 388  | 438  | 492  | 543  | 584  | 609  | 614  |
| -30                | 1.86 | 89.6 | 158  | 197  | 236  | 263  | 260  | 256  | 271  | 296  | 333  | 382  | 443  | 516  | 598  | 678  | 743  | 784  | 794  |
| -25                | 1.98 | 102  | 162  | 202  | 239  | 262  | 258  | 261  | 280  | 313  | 361  | 428  | 518  | 641  | 800  | 972  | 1117 | 1211 | 1235 |
| -20                | 2.10 | 113  | 165  | 206  | 243  | 262  | 256  | 266  | 290  | 330  | 389  | 474  | 593  | 766  | 1002 | 1267 | 1490 | 1637 | 1676 |
| -15                | 2.18 | 115  | 167  | 209  | 244  | 259  | 257  | 270  | 299  | 346  | 417  | 523  | 684  | 950  | 1405 | 2011 | 2493 | 2795 | 2882 |
| -10                | 2.27 | 117  | 169  | 211  | 245  | 256  | 258  | 275  | 307  | 361  | 445  | 573  | 776  | 1133 | 1809 | 2755 | 3495 | 3954 | 4088 |
| -5                 | 2.36 | 118  | 171  | 213  | 246  | 256  | 260  | 277  | 312  | 370  | 462  | 603  | 835  | 1262 | 2100 | 3293 | 4265 | 4891 | 5055 |
| 0                  | 2.44 | 119  | 172  | 215  | 248  | 255  | 261  | 280  | 317  | 379  | 478  | 634  | 895  | 1391 | 2391 | 3831 | 5034 | 5829 | 6022 |
| 5                  | 2.53 | 119  | 172  | 215  | 248  | 255  | 261  | 279  | 314  | 375  | 470  | 619  | 866  | 1327 | 2263 | 3618 | 4734 | 5463 | 5642 |
| 10                 | 2.61 | 118  | 171  | 214  | 248  | 256  | 261  | 278  | 312  | 370  | 462  | 605  | 836  | 1263 | 2135 | 3405 | 4434 | 5097 | 5262 |
| 15                 | 2.86 | 117  | 170  | 212  | 247  | 258  | 259  | 274  | 304  | 356  | 436  | 559  | 752  | 1090 | 1740 | 2661 | 3428 | 3911 | 4027 |
| 20                 | 3.10 | 117  | 169  | 211  | 246  | 261  | 258  | 270  | 296  | 341  | 411  | 513  | 667  | 918  | 1346 | 1916 | 2422 | 2724 | 2791 |
| 25                 | 3.11 | 114  | 166  | 206  | 243  | 264  | 259  | 265  | 286  | 323  | 378  | 458  | 574  | 750  | 1025 | 1374 | 1678 | 1861 | 1902 |
| 30                 | 3.12 | 112  | 163  | 202  | 240  | 266  | 261  | 260  | 276  | 304  | 346  | 404  | 481  | 582  | 705  | 832  | 934  | 997  | 1012 |
| 35                 | 3.12 | 108  | 159  | 197  | 235  | 265  | 266  | 259  | 267  | 288  | 319  | 362  | 416  | 485  | 565  | 645  | 708  | 747  | 756  |
| 40                 | 3.12 | 105  | 155  | 191  | 229  | 263  | 272  | 258  | 259  | 271  | 292  | 319  | 352  | 388  | 425  | 457  | 482  | 496  | 499  |
| 45                 | 3.11 | 99.5 | 149  | 184  | 219  | 253  | 269  | 267  | 260  | 261  | 272  | 290  | 312  | 336  | 359  | 380  | 395  | 403  | 405  |
| 50                 | 3.10 | 94.0 | 143  | 176  | 209  | 242  | 267  | 276  | 261  | 251  | 253  | 261  | 272  | 284  | 294  | 303  | 308  | 310  | 310  |
| 55                 | 3.07 | 86.7 | 135  | 166  | 196  | 226  | 251  | 264  | 263  | 261  | 258  | 257  | 258  | 263  | 269  | 274  | 278  | 281  | 281  |
| 60                 | 3.03 | 79.4 | 128  | 157  | 183  | 210  | 235  | 253  | 266  | 272  | 263  | 252  | 245  | 243  | 243  | 245  | 248  | 251  | 253  |
| 65                 | 2.99 | 66.1 | 118  | 145  | 169  | 192  | 213  | 230  | 244  | 255  | 256  | 253  | 253  | 253  | 254  | 256  | 261  | 267  | 270  |
| 70                 | 2.95 | 52.8 | 108  | 134  | 154  | 173  | 191  | 206  | 222  | 237  | 248  | 254  | 261  | 263  | 265  | 268  | 274  | 283  | 287  |
| 75                 | 2.96 | 36.9 | 93.9 | 118  | 135  | 151  | 164  | 176  | 191  | 204  | 213  | 219  | 224  | 228  | 231  | 235  | 240  | 245  | 247  |
| 80                 | 2.98 | 20.9 | 79.4 | 103  | 117  | 128  | 136  | 146  | 161  | 171  | 178  | 183  | 188  | 194  | 198  | 202  | 206  | 207  | 207  |
| 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: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:220.09V I:1.2995A P:282.13W PF:0.9864 Freq:49.99Hz Lamp Flux:36491.3x1 lm |                 |                     |
| NAME: LED High Bay Light   | TYPE:Floodlight | WEIGHT:N/A          |
| SPEC.:300W   | 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                | 187  | 184  | 179  | 173  | 168  | 162  | 155  | 149  | 141  | 132  | 123  | 114  | 102  | 87.8 | 68.2 | 28.7 | 1.35 | 1.05 |  |
| -75                | 222  | 214  | 208  | 202  | 197  | 193  | 187  | 180  | 170  | 160  | 148  | 137  | 123  | 107  | 87.6 | 46.3 | 5.11 | 1.04 |  |
| -70                | 256  | 245  | 236  | 231  | 227  | 224  | 219  | 211  | 200  | 187  | 174  | 160  | 144  | 127  | 107  | 64.0 | 8.88 | 1.03 |  |
| -65                | 250  | 242  | 236  | 232  | 230  | 229  | 228  | 225  | 218  | 206  | 194  | 178  | 160  | 140  | 118  | 77.2 | 13.6 | 1.02 |  |
| -60                | 245  | 240  | 236  | 234  | 233  | 235  | 238  | 239  | 236  | 225  | 213  | 197  | 175  | 153  | 129  | 90.5 | 18.3 | 1.01 |  |
| -55                | 268  | 264  | 260  | 255  | 249  | 245  | 242  | 239  | 240  | 237  | 228  | 212  | 191  | 165  | 138  | 102  | 24.1 | 1.02 |  |
| -50                | 291  | 289  | 284  | 276  | 266  | 255  | 245  | 240  | 243  | 249  | 243  | 228  | 206  | 177  | 147  | 113  | 30.0 | 1.02 |  |
| -45                | 360  | 353  | 341  | 325  | 306  | 287  | 270  | 256  | 250  | 250  | 249  | 238  | 217  | 187  | 155  | 120  | 36.0 | 1.04 |  |
| -40                | 429  | 417  | 399  | 375  | 347  | 320  | 294  | 273  | 258  | 250  | 255  | 249  | 228  | 196  | 162  | 126  | 42.1 | 1.06 |  |
| -35                | 599  | 566  | 519  | 467  | 415  | 368  | 328  | 296  | 272  | 257  | 254  | 252  | 233  | 203  | 168  | 131  | 50.3 | 1.09 |  |
| -30                | 769  | 714  | 640  | 560  | 484  | 417  | 362  | 318  | 286  | 265  | 254  | 256  | 239  | 209  | 174  | 136  | 58.4 | 1.12 |  |
| -25                | 1179 | 1045 | 872  | 710  | 579  | 477  | 399  | 341  | 300  | 273  | 257  | 255  | 240  | 212  | 178  | 139  | 68.5 | 1.12 |  |
| -20                | 1589 | 1376 | 1105 | 860  | 674  | 536  | 437  | 364  | 314  | 281  | 261  | 255  | 242  | 216  | 182  | 143  | 78.5 | 1.12 |  |
| -15                | 2730 | 2323 | 1701 | 1147 | 812  | 611  | 480  | 389  | 328  | 288  | 266  | 256  | 243  | 219  | 186  | 146  | 81.7 | 1.16 |  |
| -10                | 3871 | 3271 | 2297 | 1433 | 951  | 685  | 522  | 414  | 342  | 296  | 270  | 257  | 244  | 222  | 189  | 148  | 84.9 | 1.19 |  |
| -5                 | 4765 | 3989 | 2795 | 1656 | 1042 | 728  | 545  | 427  | 349  | 300  | 273  | 258  | 244  | 224  | 191  | 150  | 85.7 | 1.26 |  |
| 0                  | 5659 | 4707 | 3292 | 1880 | 1133 | 771  | 568  | 439  | 356  | 304  | 275  | 259  | 244  | 225  | 192  | 151  | 86.4 | 1.33 |  |
| 5                  | 5299 | 4421 | 3123 | 1804 | 1103 | 756  | 559  | 434  | 353  | 303  | 274  | 259  | 245  | 225  | 193  | 151  | 86.9 | 1.40 |  |
| 10                 | 4940 | 4135 | 2953 | 1728 | 1073 | 741  | 550  | 429  | 350  | 301  | 274  | 259  | 246  | 226  | 193  | 151  | 87.3 | 1.46 |  |
| 15                 | 3783 | 3193 | 2316 | 1430 | 935  | 671  | 511  | 407  | 338  | 295  | 270  | 259  | 248  | 225  | 191  | 150  | 85.4 | 1.51 |  |
| 20                 | 2626 | 2251 | 1679 | 1133 | 798  | 601  | 473  | 385  | 326  | 288  | 267  | 259  | 250  | 225  | 190  | 148  | 83.4 | 1.56 |  |
| 25                 | 1801 | 1572 | 1230 | 894  | 671  | 527  | 428  | 359  | 311  | 280  | 263  | 261  | 251  | 223  | 187  | 146  | 80.8 | 1.58 |  |
| 30                 | 976  | 893  | 780  | 655  | 543  | 453  | 384  | 333  | 296  | 272  | 259  | 263  | 252  | 222  | 184  | 143  | 78.2 | 1.59 |  |
| 35                 | 733  | 683  | 613  | 533  | 459  | 397  | 347  | 309  | 281  | 265  | 261  | 263  | 247  | 216  | 179  | 139  | 73.5 | 1.62 |  |
| 40                 | 491  | 472  | 445  | 411  | 375  | 341  | 310  | 285  | 267  | 257  | 263  | 263  | 242  | 210  | 173  | 134  | 68.7 | 1.64 |  |
| 45                 | 400  | 389  | 372  | 351  | 328  | 304  | 284  | 268  | 260  | 260  | 263  | 255  | 232  | 200  | 165  | 128  | 62.9 | 1.66 |  |
| 50                 | 309  | 305  | 300  | 291  | 280  | 268  | 258  | 250  | 252  | 263  | 264  | 247  | 222  | 190  | 158  | 122  | 57.0 | 1.68 |  |
| 55                 | 280  | 277  | 272  | 267  | 262  | 258  | 257  | 257  | 257  | 255  | 248  | 230  | 206  | 177  | 148  | 114  | 48.6 | 1.70 |  |
| 60                 | 251  | 248  | 245  | 244  | 244  | 247  | 256  | 263  | 262  | 247  | 232  | 214  | 190  | 164  | 138  | 105  | 40.3 | 1.73 |  |
| 65                 | 267  | 260  | 255  | 252  | 249  | 249  | 250  | 248  | 242  | 226  | 211  | 193  | 172  | 150  | 125  | 93.3 | 29.4 | 1.75 |  |
| 70                 | 282  | 273  | 265  | 261  | 255  | 250  | 243  | 234  | 221  | 205  | 189  | 173  | 155  | 136  | 113  | 81.2 | 18.5 | 1.78 |  |
| 75                 | 244  | 237  | 231  | 226  | 221  | 215  | 207  | 199  | 188  | 175  | 161  | 147  | 132  | 114  | 90.9 | 56.6 | 10.4 | 1.82 |  |
| 80                 | 205  | 202  | 198  | 192  | 186  | 179  | 171  | 164  | 154  | 144  | 133  | 121  | 108  | 91.9 | 68.6 | 31.9 | 2.32 | 1.87 |  |
| 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: