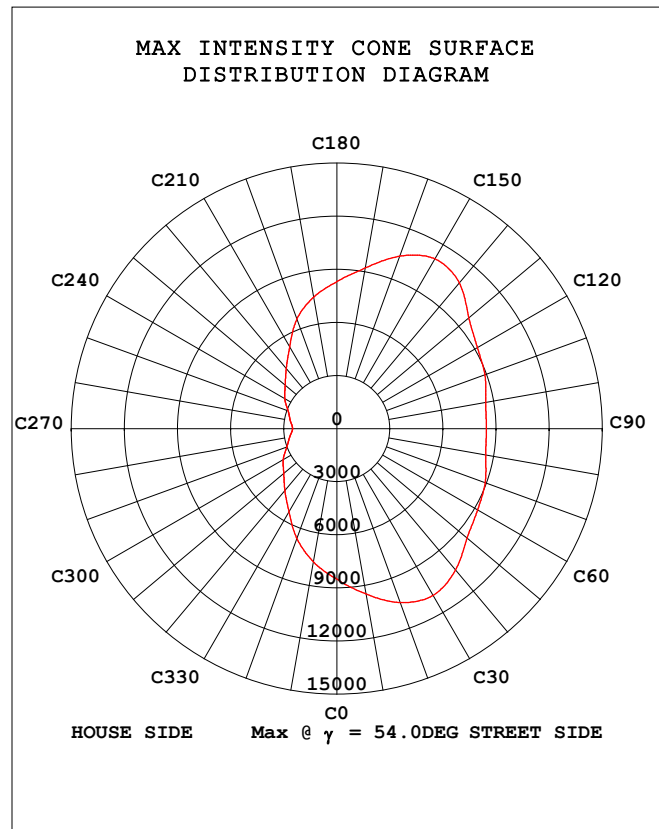
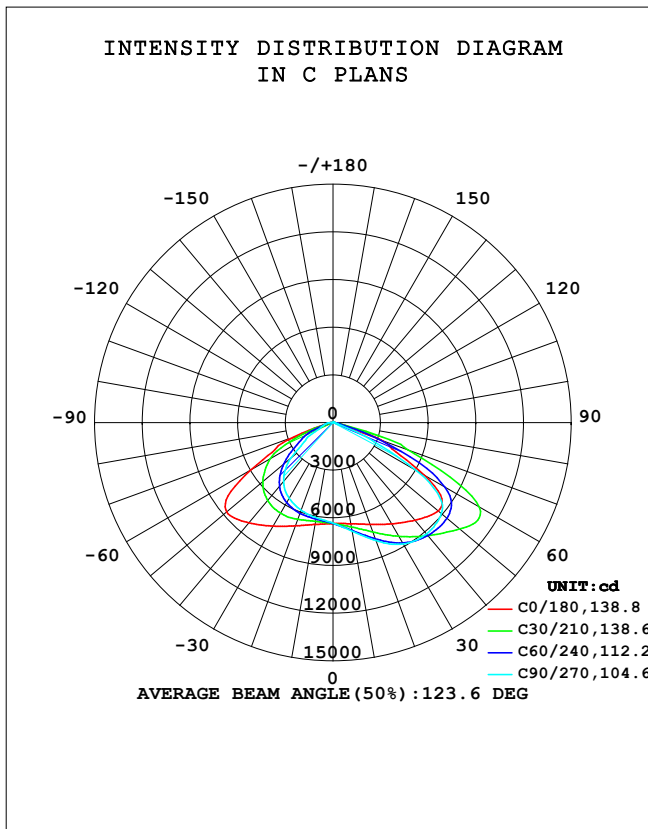


## STREETLIGHT PHOTOMETRIC TEST REPORT

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

| DATA OF LAMP               |         | PHOTOMETRIC DATA Eff: 185.63 lm/W |          |                   |      |
|----------------------------|---------|-----------------------------------|----------|-------------------|------|
| MODEL ASD-LSB5B-NEOX-150BR |         | I <sub>max</sub> (cd)             | 11083    | η street_up (%)   | 0.0  |
| NOMINAL POWER (W)          | 150     | LOR (%)                           | 100.0    | η street_down (%) | 61.7 |
| RATED VOLTAGE (V)          | 120     | TOTAL FLUX (lm)                   | 27933    | η house_up (%)    | 0.0  |
| NOMINAL FLUX (lm)          | 27932.6 | MAXIMUM @ (C, γ )                 | 150,54.0 | η house_down (%)  | 38.3 |
| LAMPS INSIDE               | 1       | η up (%)                          | 0.0      | 76 FLASHAREA (m2) |      |
| TEST VOLTAGE (V)           | 120     | η down (%)                        | 100.0    | SLI               |      |

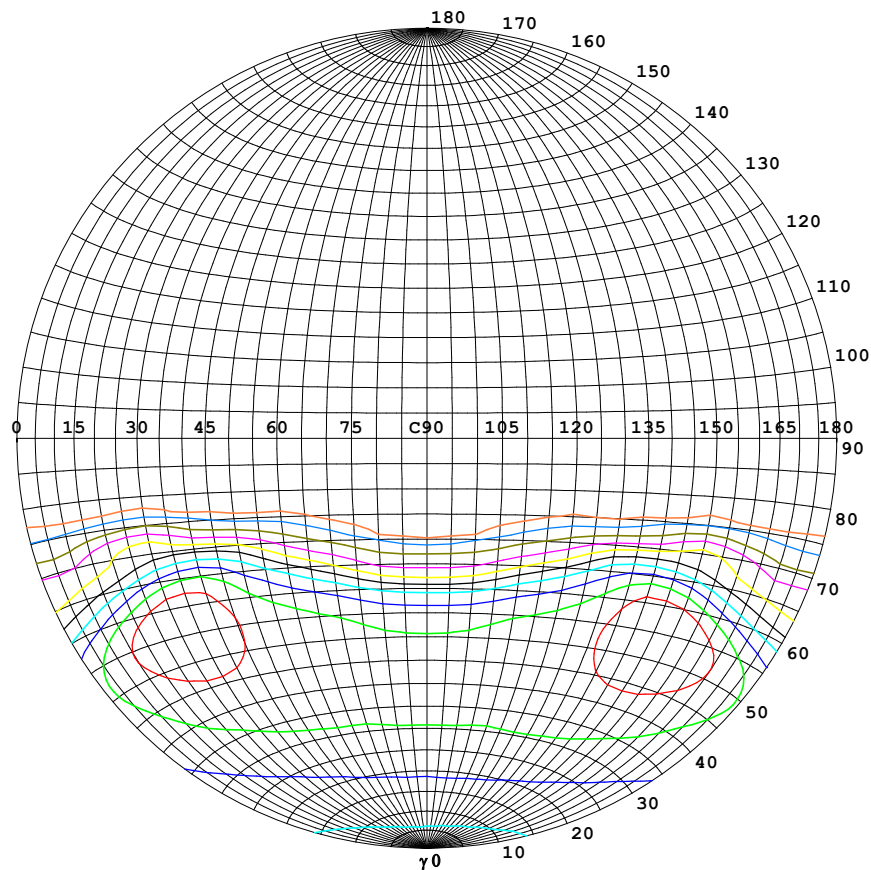


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: S  
Test Date: 2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 7.850m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |



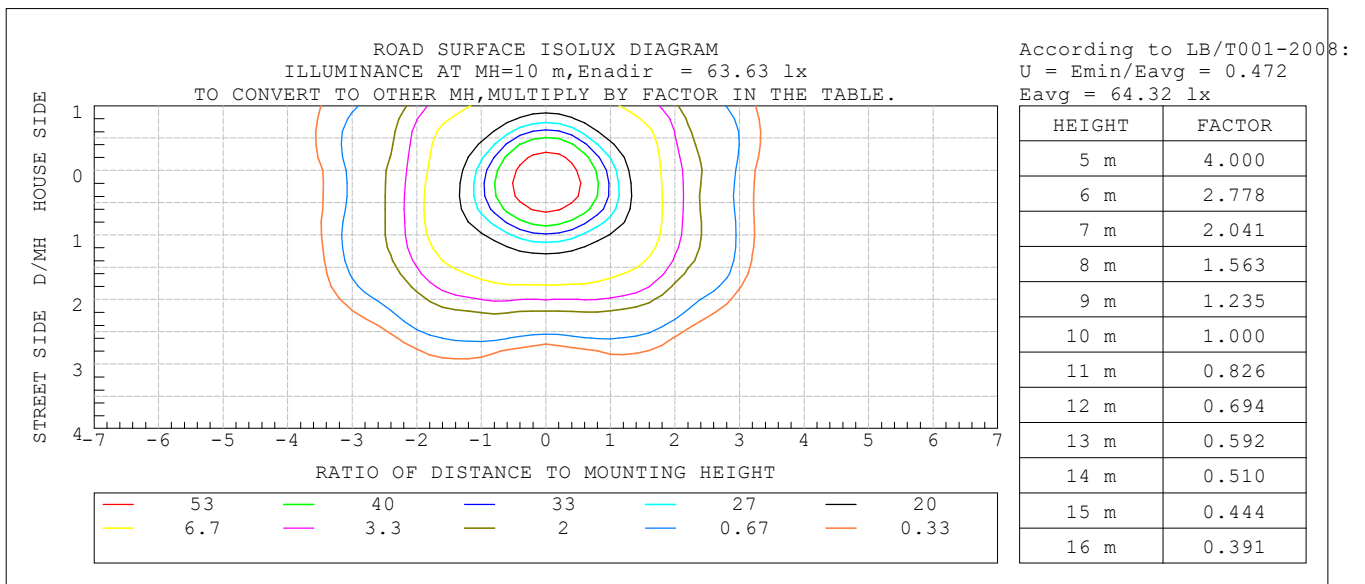
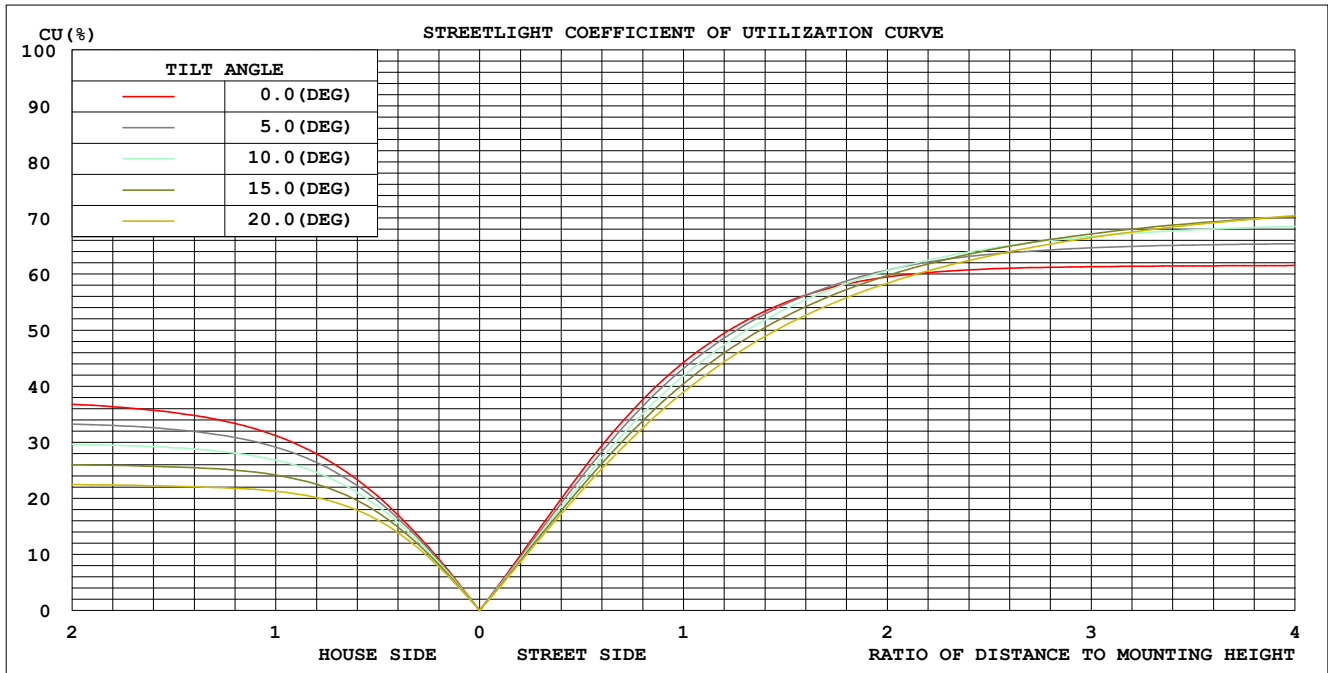
## Classification:

IES:Type III - Short  
CIE:Average - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:16.59cd/klm  
Max.At90:0cd/klm  
Max.80-90:16.59cd/klm  
NRB 5101:Limited[4.2%]

| ISOCANDELA DIAGRAM |       |
|--------------------|-------|
| UNIT               | cd    |
| Imax=100%          | 11083 |
| 90%                | 9974  |
| 80%                | 8866  |
| 70%                | 7758  |
| 60%                | 6650  |
| 50%                | 5541  |
| 40%                | 4433  |
| 30%                | 3325  |
| 20%                | 2217  |
| 10%                | 1108  |
| 5%                 | 554   |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: S  
Test Date: 2025-2-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 7.850m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

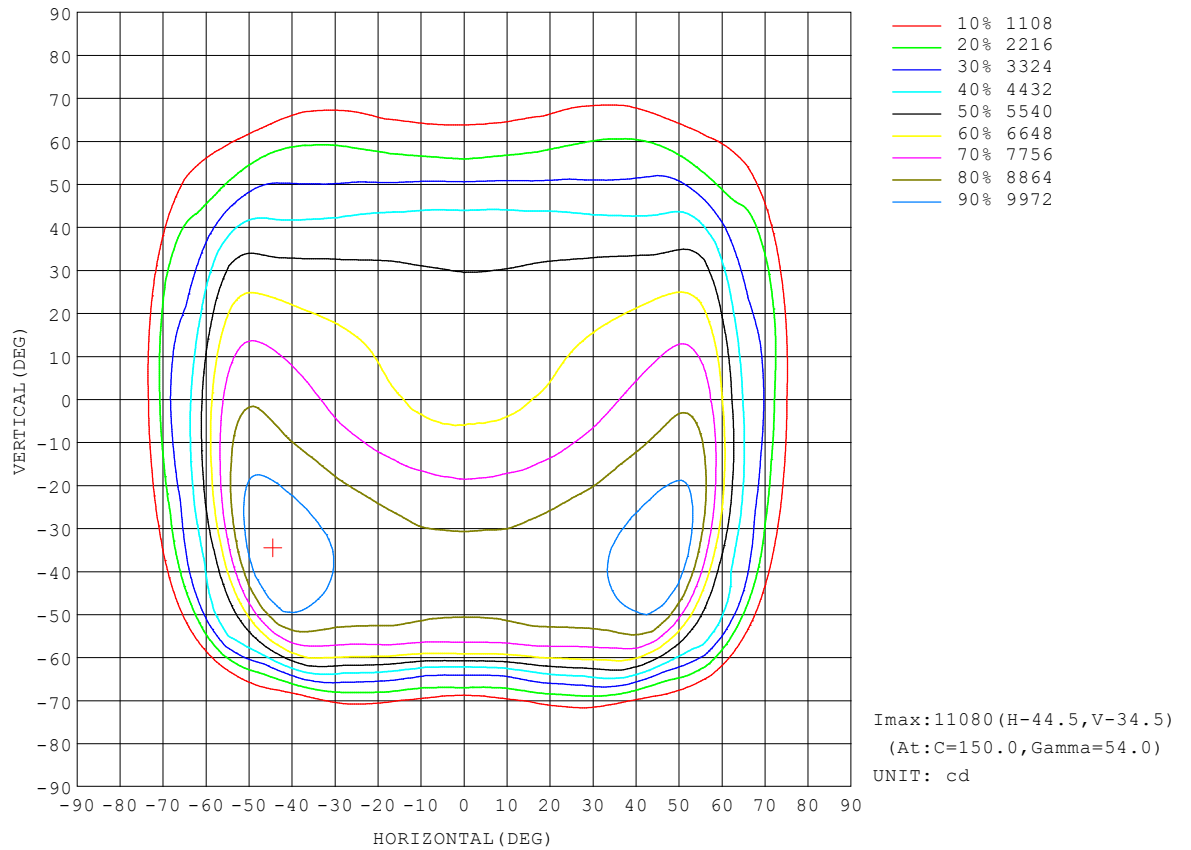
| $\gamma$ | C0                       | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | $\%lum, lamp$ |
|----------|--------------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|---------------|
| 10       | 646.9                    | 678.3 | 694.7 | 678.3 | 651.4 | 623.9 | 608.9 | 618.6 | 0- 10    | 613.1       | 613.1        | 2.19,2.19     |
| 20       | 682.1                    | 757.4 | 790.2 | 767.2 | 691.4 | 626.0 | 587.2 | 617.4 | 10- 20   | 1901        | 2515         | 9,9           |
| 30       | 736.6                    | 859.4 | 882.0 | 873.8 | 752.6 | 615.2 | 551.9 | 608.1 | 20- 30   | 3309        | 5824         | 20.8,20.8     |
| 40       | 802.7                    | 944.7 | 914.8 | 960.7 | 823.7 | 569.2 | 485.4 | 569.8 | 30- 40   | 4706        | 10530        | 37.7,37.7     |
| 50       | 865.9                    | 993.0 | 891.0 | 1019  | 874.9 | 467.6 | 345.8 | 477.7 | 40- 50   | 5853        | 16383        | 58.7,58.7     |
| 60       | 666.0                    | 965.4 | 613.4 | 972.3 | 598.6 | 323.0 | 183.8 | 336.9 | 50- 60   | 6190        | 22573        | 80.8,80.8     |
| 70       | 323.4                    | 490.1 | 57.92 | 388.6 | 261.0 | 154.2 | 72.97 | 180.4 | 60- 70   | 4121        | 26694        | 95.6,95.6     |
| 80       | 32.83                    | 46.34 | 12.38 | 41.27 | 26.27 | 31.58 | 43.23 | 37.41 | 70- 80   | 1084        | 27779        | 99.4,99.4     |
| 90       | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 80- 90   | 154.0       | 27933        | 100,100       |
| 100      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90-100   | 0           | 27933        | 100,100       |
| 110      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-110  | 0           | 27933        | 100,100       |
| 120      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-120  | 0           | 27933        | 100,100       |
| 130      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-130  | 0           | 27933        | 100,100       |
| 140      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-140  | 0           | 27933        | 100,100       |
| 150      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-150  | 0           | 27933        | 100,100       |
| 160      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-160  | 0           | 27933        | 100,100       |
| 170      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-170  | 0           | 27933        | 100,100       |
| 180      | 0                        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-180  | 0           | 27933        | 100,100       |
| DEG      | LUMINOUS INTENSITY:X10cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |               |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

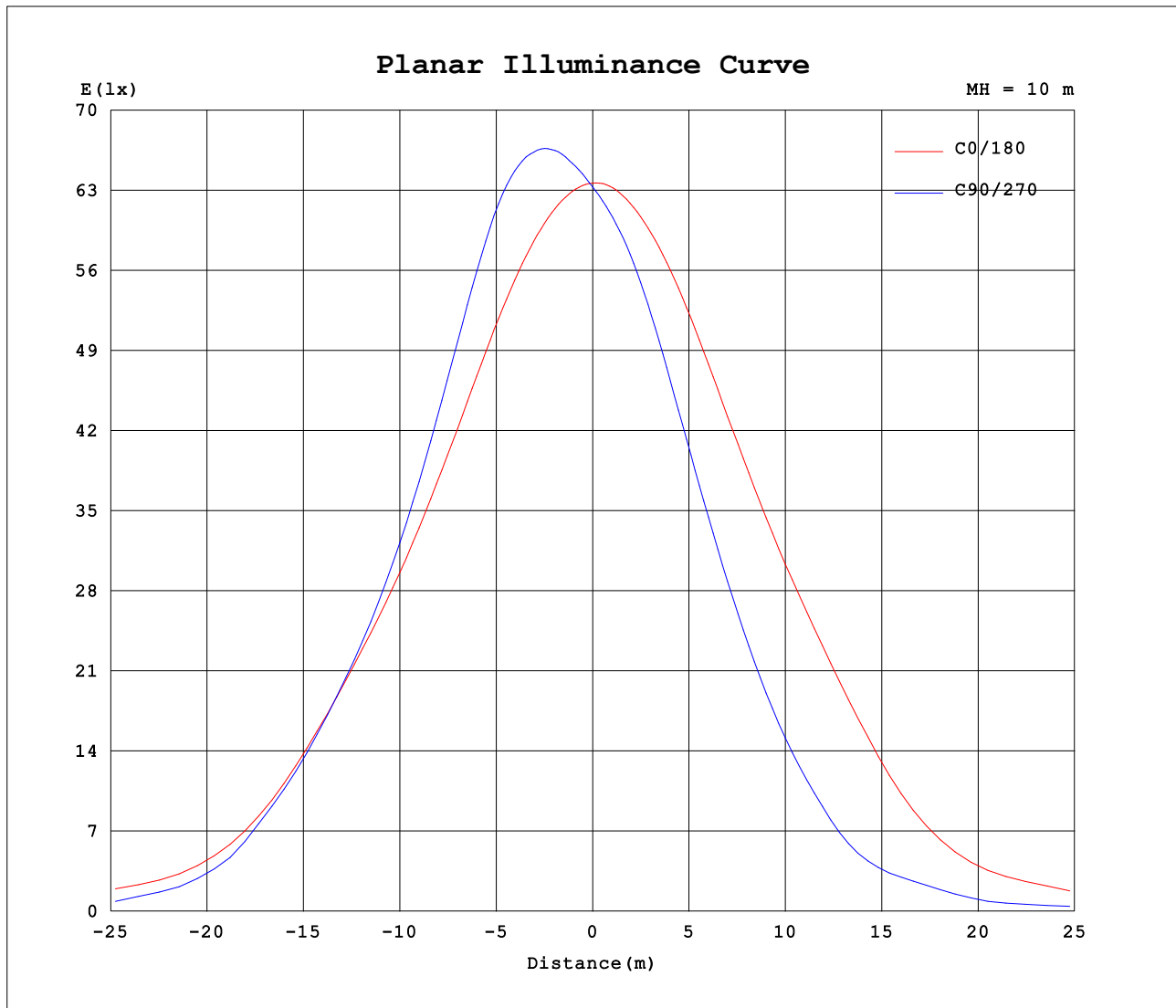
|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



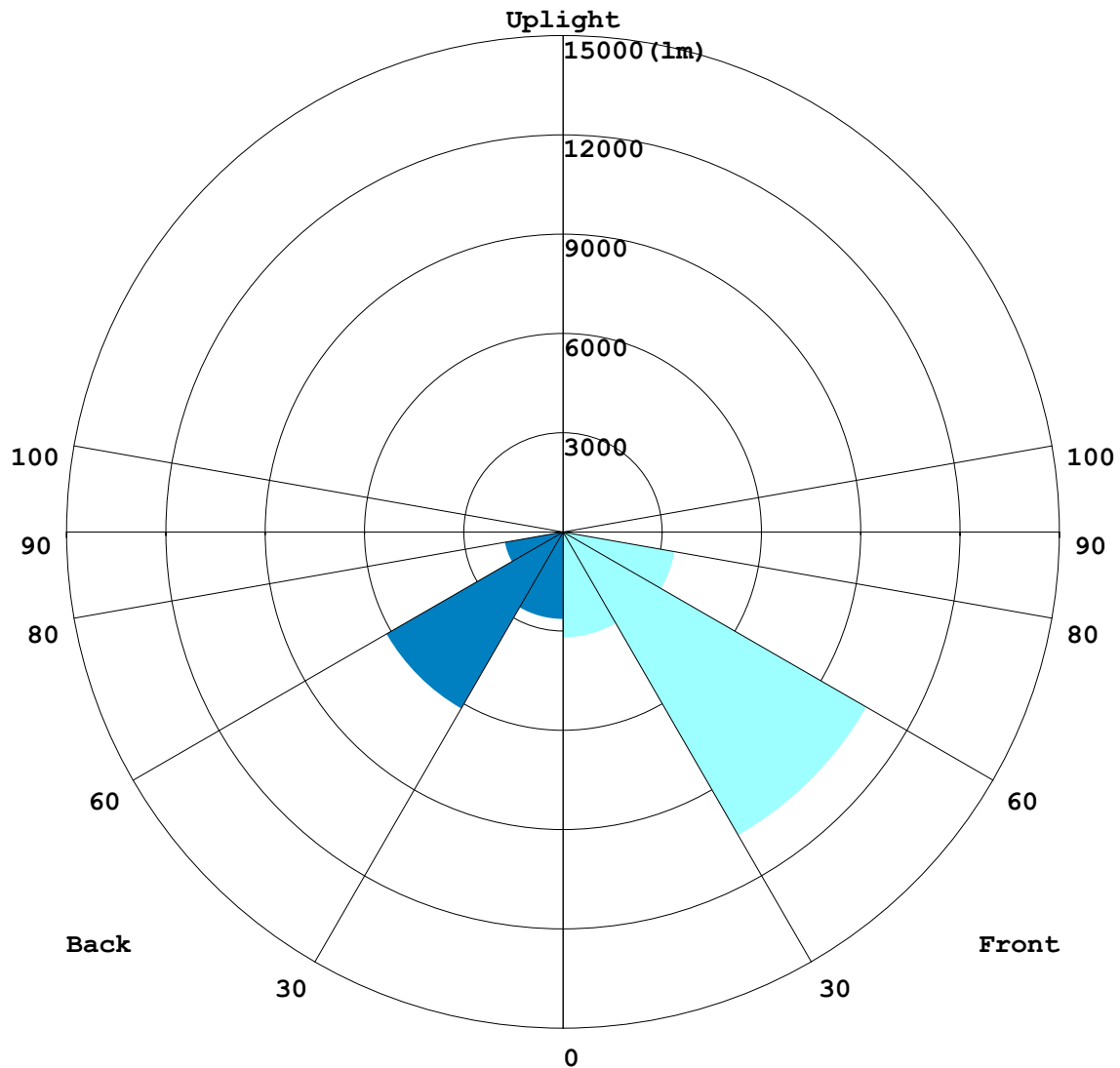
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: S  
Test Date: 2025-2-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 7.850m [K=1.0000]  
Remarks:

### LCS REPORT

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

### LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

### BUG REPORT

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

#### IESNA Luminaire Flux Distribution Table:

| Zone                         | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30)         | 3188   | 11.4        |
| FM - Front-Medium(30-60)     | 10585  | 37.9        |
| FH - Front-High(60-80)       | 3420   | 12.2        |
| FVH - Front-Very High(80-90) | 53.437 | 0.2         |
| Total Forward Light          | 17246  | 61.7        |

|                             |        |      |
|-----------------------------|--------|------|
| BL - Back-Low(0-30)         | 2635.8 | 9.4  |
| BM - Back-Medium(30-60)     | 6164.8 | 22.1 |
| BH - Back-High(60-80)       | 1785.4 | 6.4  |
| BVH - Back-Very High(80-90) | 100.6  | 0.4  |
| Total Back Light            | 10687  | 38.3 |

|                            |   |     |
|----------------------------|---|-----|
| UL - Uplight-Low(90-100)   | 0 | 0.0 |
| UH - Uplight-High(100-180) | 0 | 0.0 |
| Total Up Light             | 0 | 0.0 |

|                           |          |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B4-U0-G3 |
|---------------------------|----------|

| Zone        | Downward<br>Lumens | Upward<br>Lumens | Total<br>Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side  | 10687              | 0                | 10687           |
| Street Side | 17246              | 0                | 17246           |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

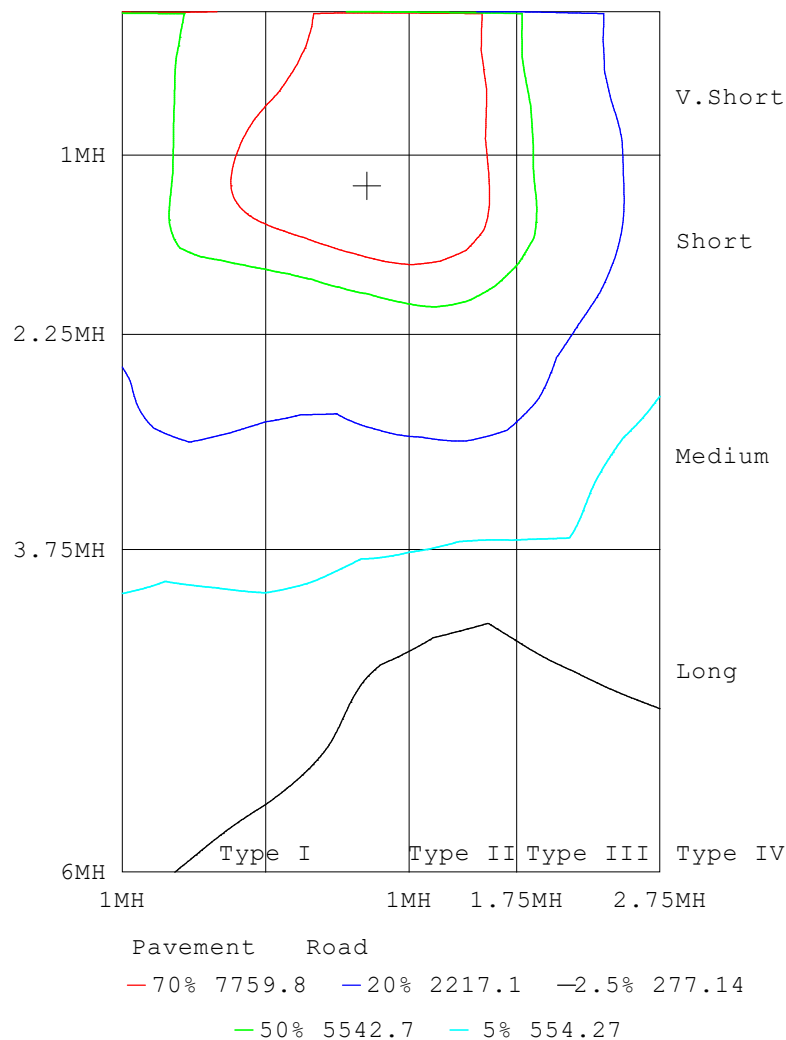
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

#### ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

Table--1

UNIT: X10cd

| C (DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 636  | 636  | 636  | 636  | 636  | 636  | 636  | 636  | 636  | 635  | 635  | 635  | 635  | 635  | 634  | 634  | 634  | 634  | 633  |
| 5                  | 638  | 640  | 641  | 643  | 645  | 646  | 648  | 650  | 652  | 653  | 654  | 656  | 657  | 658  | 658  | 659  | 660  | 659  | 658  |
| 10                 | 647  | 650  | 653  | 657  | 661  | 664  | 667  | 671  | 675  | 678  | 681  | 685  | 689  | 691  | 692  | 694  | 696  | 695  | 695  |
| 15                 | 662  | 667  | 672  | 678  | 684  | 690  | 696  | 702  | 709  | 714  | 719  | 725  | 730  | 733  | 735  | 738  | 739  | 739  | 739  |
| 20                 | 682  | 689  | 697  | 707  | 716  | 725  | 733  | 742  | 750  | 757  | 764  | 772  | 779  | 782  | 785  | 788  | 790  | 790  | 790  |
| 25                 | 708  | 717  | 728  | 741  | 755  | 766  | 778  | 789  | 800  | 809  | 816  | 824  | 830  | 833  | 835  | 838  | 841  | 842  | 842  |
| 30                 | 737  | 751  | 766  | 783  | 800  | 814  | 827  | 840  | 852  | 859  | 865  | 871  | 875  | 876  | 876  | 879  | 882  | 882  | 882  |
| 35                 | 768  | 787  | 807  | 828  | 848  | 863  | 877  | 890  | 901  | 907  | 909  | 909  | 907  | 905  | 903  | 904  | 906  | 906  | 906  |
| 40                 | 803  | 826  | 850  | 876  | 899  | 916  | 929  | 939  | 945  | 945  | 941  | 935  | 928  | 923  | 920  | 918  | 917  | 916  | 915  |
| 45                 | 838  | 866  | 895  | 925  | 952  | 971  | 983  | 986  | 982  | 972  | 960  | 949  | 939  | 931  | 925  | 920  | 915  | 912  | 911  |
| 50                 | 866  | 902  | 938  | 976  | 1010 | 1032 | 1043 | 1036 | 1018 | 993  | 967  | 950  | 937  | 927  | 918  | 907  | 898  | 893  | 891  |
| 55                 | 836  | 887  | 939  | 996  | 1046 | 1081 | 1095 | 1080 | 1047 | 1002 | 956  | 929  | 910  | 894  | 879  | 855  | 833  | 823  | 821  |
| 60                 | 666  | 716  | 778  | 856  | 937  | 1013 | 1064 | 1059 | 1023 | 965  | 902  | 855  | 812  | 773  | 734  | 686  | 644  | 622  | 613  |
| 65                 | 436  | 466  | 511  | 572  | 645  | 735  | 816  | 867  | 880  | 827  | 746  | 674  | 599  | 522  | 446  | 371  | 312  | 289  | 286  |
| 70                 | 323  | 316  | 333  | 385  | 444  | 479  | 501  | 512  | 509  | 490  | 451  | 377  | 299  | 247  | 202  | 149  | 103  | 71.6 | 57.9 |
| 75                 | 114  | 114  | 123  | 139  | 161  | 196  | 217  | 187  | 143  | 109  | 82.7 | 76.1 | 73.2 | 58.2 | 42.8 | 34.6 | 29.8 | 27.4 | 27.0 |
| 80                 | 32.8 | 28.3 | 25.2 | 23.1 | 23.5 | 29.5 | 36.8 | 42.2 | 45.7 | 46.3 | 44.6 | 40.6 | 34.8 | 26.8 | 19.1 | 14.7 | 12.2 | 11.9 | 12.4 |
| 85                 | 14.2 | 12.4 | 10.9 | 9.52 | 9.37 | 12.6 | 16.1 | 17.1 | 16.4 | 13.9 | 10.5 | 7.04 | 4.04 | 2.67 | 1.99 | 1.36 | 0.98 | 0.89 | 0.98 |
| 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 |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

Table--2

UNIT: X10cd

| C (DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145   | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|--------------------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
| 0                  | 633  | 633  | 633  | 632  | 632  | 633  | 632  | 632  | 633  | 633  | 633   | 633  | 633  | 633  | 633  | 633  | 635  | 636  | 636  |
| 5                  | 658  | 658  | 657  | 656  | 656  | 655  | 654  | 653  | 652  | 651  | 649   | 647  | 646  | 645  | 643  | 641  | 641  | 641  | 640  |
| 10                 | 695  | 694  | 693  | 691  | 689  | 687  | 684  | 681  | 678  | 676  | 672   | 669  | 666  | 663  | 659  | 655  | 653  | 651  | 648  |
| 15                 | 740  | 740  | 739  | 737  | 735  | 732  | 727  | 722  | 718  | 713  | 707   | 701  | 695  | 690  | 683  | 677  | 673  | 668  | 663  |
| 20                 | 792  | 793  | 791  | 789  | 788  | 785  | 779  | 773  | 767  | 761  | 752   | 743  | 734  | 725  | 715  | 705  | 698  | 691  | 685  |
| 25                 | 844  | 844  | 842  | 840  | 840  | 838  | 833  | 827  | 822  | 815  | 805   | 793  | 781  | 768  | 754  | 740  | 730  | 721  | 711  |
| 30                 | 882  | 882  | 881  | 880  | 881  | 882  | 881  | 878  | 874  | 867  | 857   | 844  | 831  | 817  | 799  | 781  | 767  | 753  | 738  |
| 35                 | 906  | 906  | 904  | 904  | 908  | 914  | 918  | 921  | 921  | 918  | 909   | 897  | 884  | 867  | 846  | 824  | 805  | 787  | 767  |
| 40                 | 915  | 916  | 917  | 919  | 926  | 934  | 944  | 954  | 961  | 964  | 962   | 954  | 940  | 921  | 896  | 869  | 847  | 824  | 797  |
| 45                 | 913  | 916  | 920  | 926  | 933  | 943  | 957  | 974  | 993  | 1010 | 1017  | 1015 | 1001 | 979  | 948  | 915  | 887  | 858  | 825  |
| 50                 | 893  | 898  | 907  | 919  | 928  | 940  | 958  | 982  | 1019 | 1054 | 1074  | 1079 | 1063 | 1034 | 994  | 950  | 913  | 875  | 836  |
| 55                 | 823  | 832  | 853  | 876  | 891  | 907  | 932  | 966  | 1023 | 1076 | 1104  | 1108 | 1075 | 1023 | 960  | 897  | 848  | 807  | 772  |
| 60                 | 617  | 636  | 675  | 721  | 757  | 795  | 846  | 902  | 972  | 1026 | 1031  | 999  | 921  | 827  | 744  | 673  | 628  | 599  | 581  |
| 65                 | 291  | 313  | 363  | 426  | 491  | 562  | 651  | 731  | 781  | 797  | 761   | 695  | 610  | 526  | 473  | 437  | 417  | 403  | 383  |
| 70                 | 70.8 | 99.8 | 139  | 184  | 224  | 266  | 320  | 368  | 389  | 405  | 444   | 468  | 438  | 383  | 311  | 250  | 246  | 261  | 280  |
| 75                 | 28.1 | 30.8 | 35.1 | 41.3 | 51.2 | 59.2 | 55.3 | 53.4 | 68.4 | 86.8 | 100.0 | 107  | 102  | 91.8 | 76.2 | 63.5 | 65.7 | 72.1 | 73.8 |
| 80                 | 11.5 | 11.5 | 14.4 | 18.9 | 24.9 | 30.9 | 35.1 | 38.2 | 41.3 | 41.7 | 35.4  | 27.5 | 21.1 | 16.9 | 17.2 | 19.6 | 22.7 | 26.3 | 29.6 |
| 85                 | 1.17 | 1.46 | 1.80 | 2.24 | 2.72 | 3.43 | 4.49 | 6.09 | 9.26 | 11.7 | 10.5  | 8.33 | 6.65 | 5.61 | 6.21 | 7.43 | 8.43 | 9.62 | 11.5 |
| 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 |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

Table--3

UNIT: X10cd

| C (DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 636  | 636  | 636  | 636  | 636  | 636  | 636  | 635  | 635  | 635  | 635  | 635  | 634  | 634  | 634  | 634  | 633  | 633  | 633  |
| 5                  | 638  | 636  | 634  | 632  | 631  | 629  | 628  | 627  | 625  | 625  | 624  | 623  | 621  | 620  | 620  | 619  | 618  | 618  | 618  |
| 10                 | 645  | 641  | 637  | 635  | 632  | 629  | 626  | 624  | 622  | 619  | 617  | 615  | 614  | 612  | 611  | 610  | 609  | 609  | 609  |
| 15                 | 658  | 652  | 647  | 642  | 638  | 633  | 629  | 624  | 621  | 617  | 613  | 610  | 607  | 604  | 602  | 600  | 599  | 600  | 600  |
| 20                 | 678  | 670  | 663  | 656  | 649  | 641  | 633  | 626  | 620  | 614  | 609  | 603  | 598  | 595  | 591  | 589  | 587  | 587  | 588  |
| 25                 | 701  | 690  | 679  | 669  | 658  | 646  | 635  | 624  | 614  | 606  | 598  | 591  | 585  | 580  | 576  | 573  | 572  | 572  | 574  |
| 30                 | 723  | 708  | 692  | 676  | 660  | 644  | 629  | 615  | 603  | 592  | 583  | 574  | 567  | 561  | 557  | 554  | 552  | 552  | 554  |
| 35                 | 746  | 724  | 700  | 677  | 654  | 634  | 615  | 598  | 582  | 570  | 560  | 550  | 541  | 535  | 531  | 527  | 525  | 526  | 529  |
| 40                 | 768  | 736  | 703  | 670  | 640  | 613  | 590  | 569  | 551  | 537  | 524  | 512  | 502  | 496  | 492  | 488  | 485  | 488  | 492  |
| 45                 | 788  | 744  | 699  | 656  | 616  | 582  | 553  | 527  | 504  | 487  | 474  | 459  | 447  | 441  | 437  | 431  | 428  | 432  | 438  |
| 50                 | 793  | 741  | 686  | 630  | 577  | 535  | 500  | 468  | 441  | 422  | 406  | 389  | 374  | 364  | 356  | 349  | 346  | 350  | 358  |
| 55                 | 737  | 699  | 653  | 588  | 523  | 473  | 431  | 396  | 366  | 344  | 324  | 298  | 275  | 260  | 249  | 239  | 234  | 240  | 252  |
| 60                 | 572  | 573  | 563  | 517  | 459  | 407  | 359  | 323  | 293  | 267  | 245  | 225  | 208  | 198  | 191  | 186  | 184  | 187  | 193  |
| 65                 | 368  | 377  | 383  | 362  | 332  | 305  | 277  | 250  | 226  | 209  | 192  | 164  | 137  | 116  | 101  | 95.8 | 95.8 | 97.2 | 105  |
| 70                 | 289  | 260  | 222  | 197  | 178  | 169  | 162  | 154  | 144  | 127  | 109  | 89.6 | 74.2 | 71.5 | 73.2 | 72.9 | 73.0 | 73.7 | 74.8 |
| 75                 | 77.2 | 90.8 | 98.6 | 79.4 | 57.3 | 53.3 | 55.0 | 57.0 | 59.2 | 59.2 | 58.2 | 56.5 | 55.2 | 56.1 | 57.3 | 57.4 | 57.4 | 58.1 | 58.6 |
| 80                 | 32.7 | 35.8 | 37.1 | 33.4 | 29.2 | 28.5 | 29.3 | 31.6 | 34.3 | 36.4 | 38.2 | 39.8 | 41.2 | 42.6 | 43.6 | 43.5 | 43.2 | 44.2 | 45.0 |
| 85                 | 12.9 | 12.5 | 11.6 | 10.8 | 10.4 | 11.5 | 13.0 | 14.1 | 15.5 | 17.7 | 19.8 | 21.3 | 22.3 | 23.3 | 23.7 | 22.5 | 21.6 | 23.6 | 25.8 |
| 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 |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |               |                  |
|-------------------------------------------------------------------------------------|---------------|------------------|
| Test:U:118.36V I:1.2736A P:150.48W PF:0.9982 Freq:50.03Hz<br>Lamp Flux:27932.6x1 lm |               |                  |
| NAME: ASD-LSB5B-NEOX-150BR                                                          | TYPE: NEOX T3 | WEIGHT:          |
| SPEC.: 150W 5000K                                                                   | DIM.:         | SERIAL No.:      |
| MFR.: ASD LIGHTING CORP                                                             | SUR.:         | Shielding Angle: |

Table--4

UNIT: X10cd

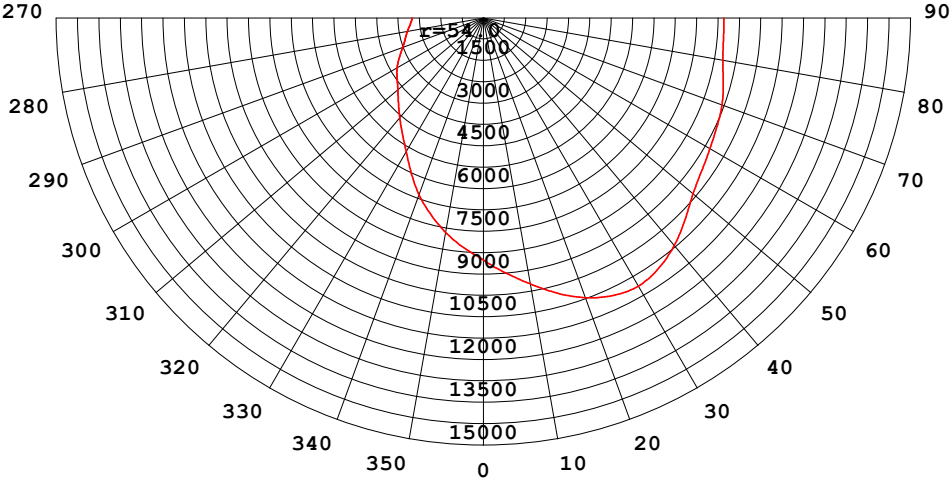
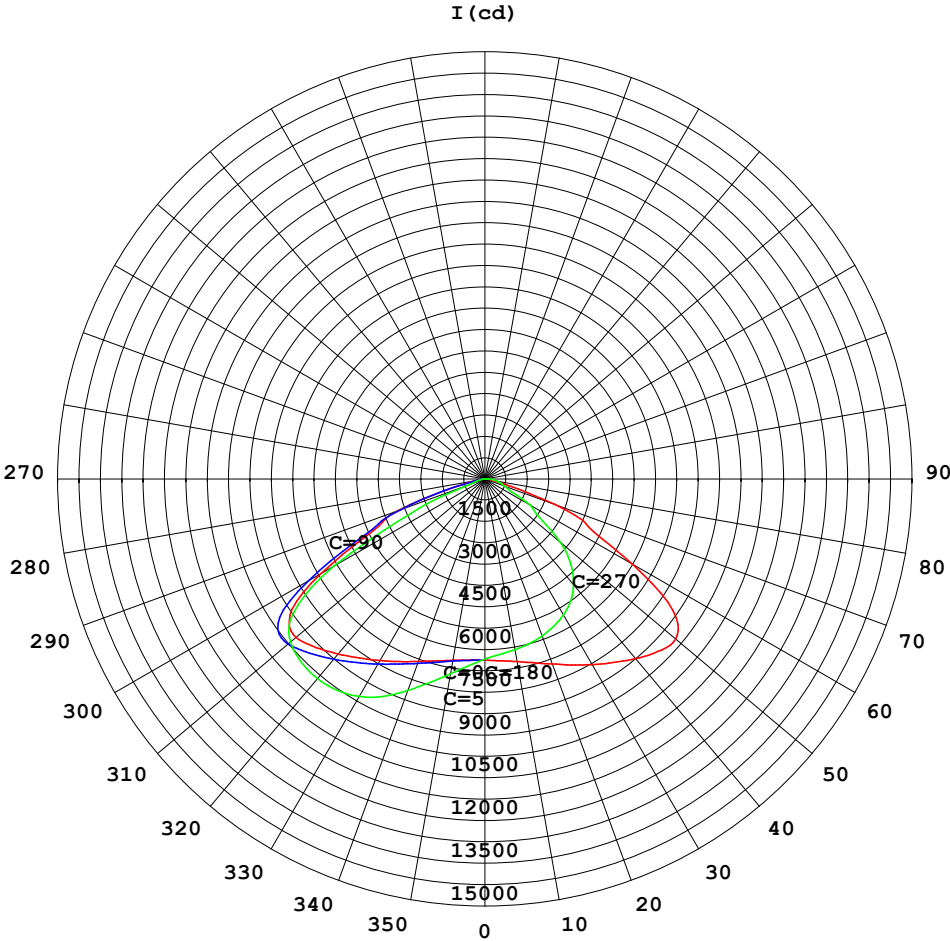
| C (DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 633  | 632  | 632  | 633  | 632  | 632  | 633  | 633  | 633  | 633  | 633  | 633  | 633  | 633  | 634  |  |  |  |  |
| 5                  | 618  | 618  | 619  | 620  | 620  | 621  | 622  | 624  | 625  | 626  | 628  | 629  | 630  | 632  | 635  |  |  |  |  |
| 10                 | 610  | 610  | 611  | 613  | 614  | 616  | 619  | 621  | 623  | 626  | 629  | 631  | 634  | 637  | 642  |  |  |  |  |
| 15                 | 601  | 602  | 605  | 608  | 611  | 614  | 618  | 621  | 626  | 630  | 634  | 639  | 643  | 649  | 655  |  |  |  |  |
| 20                 | 590  | 593  | 597  | 601  | 606  | 612  | 617  | 623  | 630  | 637  | 644  | 651  | 657  | 665  | 673  |  |  |  |  |
| 25                 | 576  | 580  | 585  | 592  | 599  | 606  | 615  | 624  | 634  | 645  | 655  | 665  | 675  | 685  | 696  |  |  |  |  |
| 30                 | 558  | 563  | 569  | 577  | 586  | 596  | 608  | 621  | 634  | 648  | 662  | 676  | 690  | 705  | 720  |  |  |  |  |
| 35                 | 533  | 538  | 546  | 556  | 567  | 580  | 594  | 611  | 628  | 645  | 665  | 684  | 705  | 726  | 747  |  |  |  |  |
| 40                 | 496  | 503  | 512  | 525  | 537  | 552  | 570  | 590  | 611  | 635  | 661  | 689  | 718  | 747  | 775  |  |  |  |  |
| 45                 | 443  | 450  | 463  | 478  | 492  | 510  | 532  | 557  | 584  | 615  | 650  | 689  | 728  | 766  | 803  |  |  |  |  |
| 50                 | 368  | 379  | 395  | 412  | 430  | 450  | 478  | 509  | 543  | 582  | 630  | 681  | 732  | 781  | 825  |  |  |  |  |
| 55                 | 265  | 282  | 307  | 334  | 355  | 378  | 408  | 444  | 484  | 532  | 592  | 654  | 705  | 752  | 796  |  |  |  |  |
| 60                 | 200  | 212  | 231  | 254  | 278  | 306  | 337  | 374  | 420  | 473  | 538  | 595  | 617  | 629  | 647  |  |  |  |  |
| 65                 | 124  | 149  | 175  | 201  | 221  | 241  | 270  | 304  | 343  | 383  | 421  | 446  | 437  | 422  | 424  |  |  |  |  |
| 70                 | 73.6 | 78.0 | 99.5 | 125  | 146  | 165  | 180  | 194  | 204  | 216  | 236  | 259  | 289  | 314  | 324  |  |  |  |  |
| 75                 | 57.7 | 57.4 | 59.6 | 63.4 | 69.4 | 75.3 | 77.3 | 80.2 | 86.6 | 99.0 | 127  | 152  | 159  | 153  | 138  |  |  |  |  |
| 80                 | 44.4 | 43.4 | 42.7 | 41.8 | 40.2 | 38.6 | 37.4 | 36.9 | 37.5 | 39.1 | 43.1 | 46.1 | 44.3 | 40.7 | 37.1 |  |  |  |  |
| 85                 | 26.0 | 25.3 | 24.6 | 23.6 | 22.3 | 20.7 | 19.0 | 17.3 | 15.3 | 14.6 | 18.8 | 22.8 | 22.0 | 19.6 | 17.2 |  |  |  |  |
| 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 |  |  |  |  |
| 95                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 105                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 115                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 125                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 135                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 145                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 155                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 165                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 175                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:S  
Test Date:2025-2-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.446  
Humidity:65.0%  
Test Distance:7.850m [K=1.0000]  
Remarks:

FLUX DATA:

|              |          |
|--------------|----------|
| LOR:         | 100.0 %  |
| STREET DOWN: | 17246 lm |
| STREET UP:   | 0 lm     |
| HOUSE DOWN:  | 10687 lm |
| HOUSE UP:    | 0 lm     |



$I_{\max}(100\%) = 11083 \text{ cd}$

