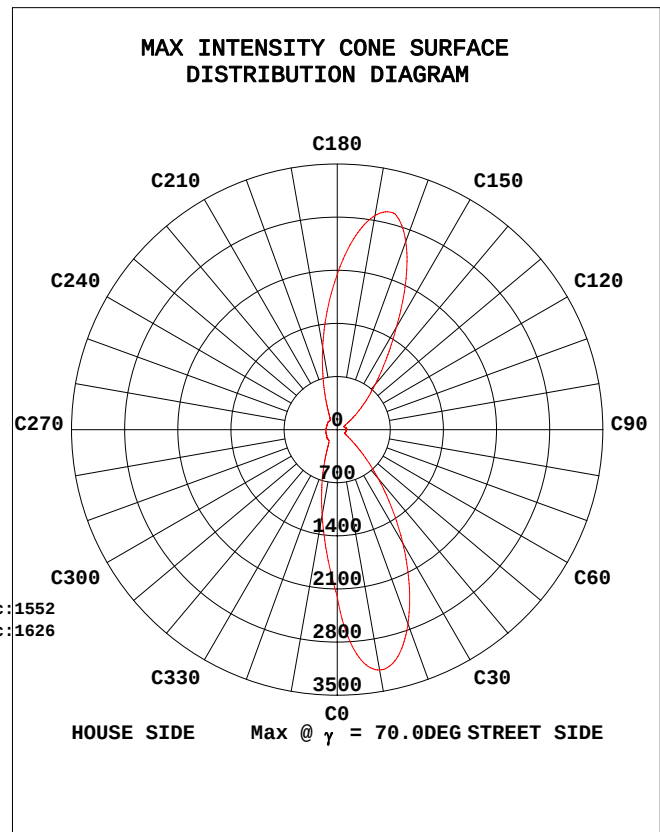
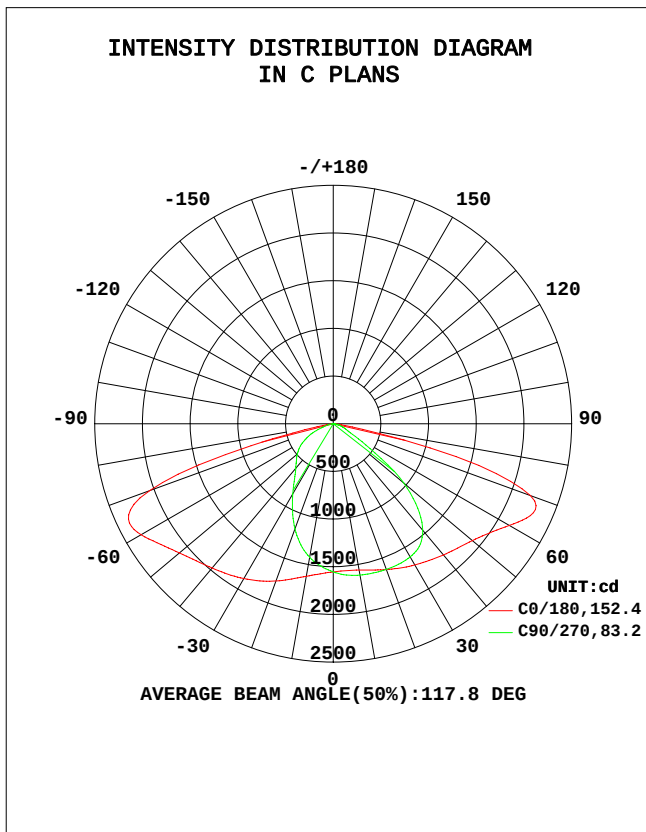


## STREETLIGHT PHOTOMETRIC TEST REPORT

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 147.41 lm/W |         |                  |         |
|------------------|---------|-----------------------------------|---------|------------------|---------|
| MODEL            | 3030    | I <sub>max</sub> (cd)             | 3092    | η street_up(%)   | 0.0     |
| NOMINAL POWER(W) | 40      | LOR(%)                            | 100.0   | η street_down(%) | 62.1    |
| RATED VOLTAGE(V) | 220     | TOTAL FLUX(lm)                    | 5888    | η house_up(%)    | 0.0     |
| NOMINAL FLUX(lm) | 5888.49 | MAXIMUM @(C,γ )                   | 15,70.0 | η house_down(%)  | 37.9    |
| LAMPS INSIDE     | 1       | η up(%)                           | 0.0     | 76 FLASHAREA(m2) | 0.00100 |
| TEST VOLTAGE(V)  | 220     | η down(%)                         | 100.0   | SLI              | 19.234  |

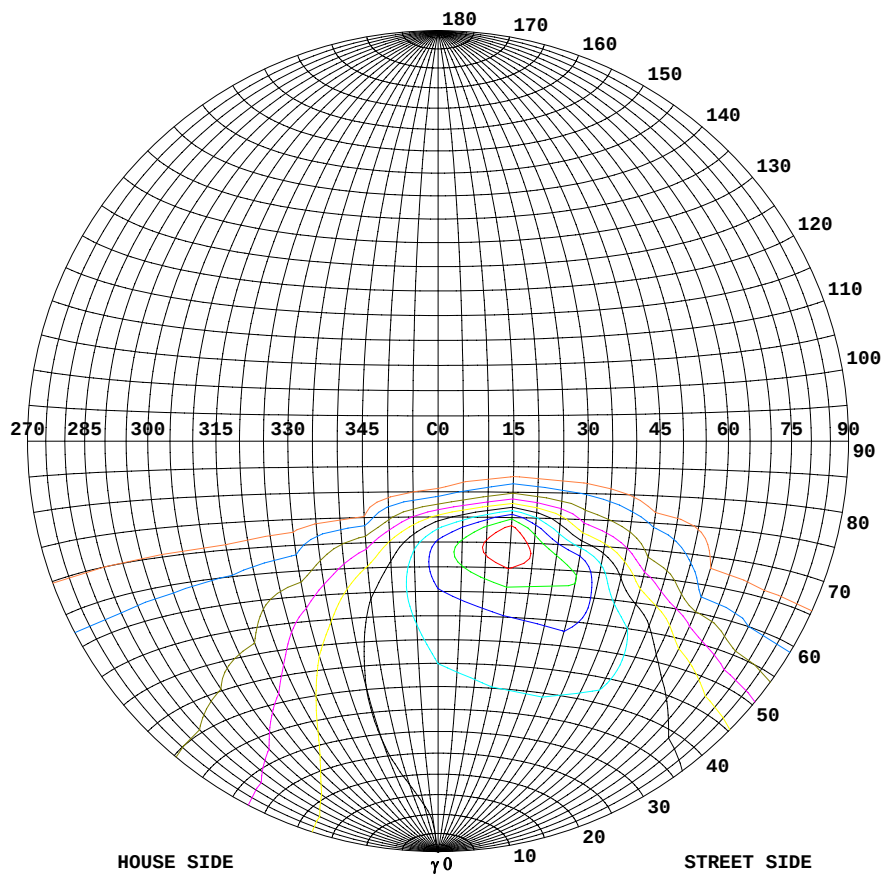


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

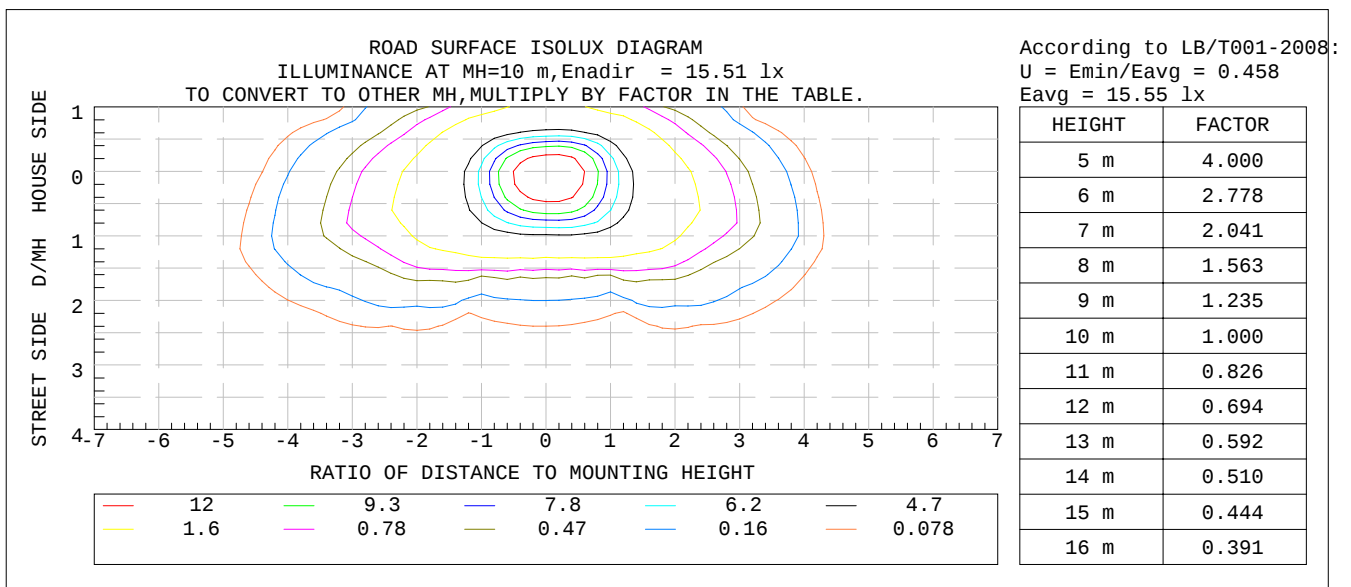
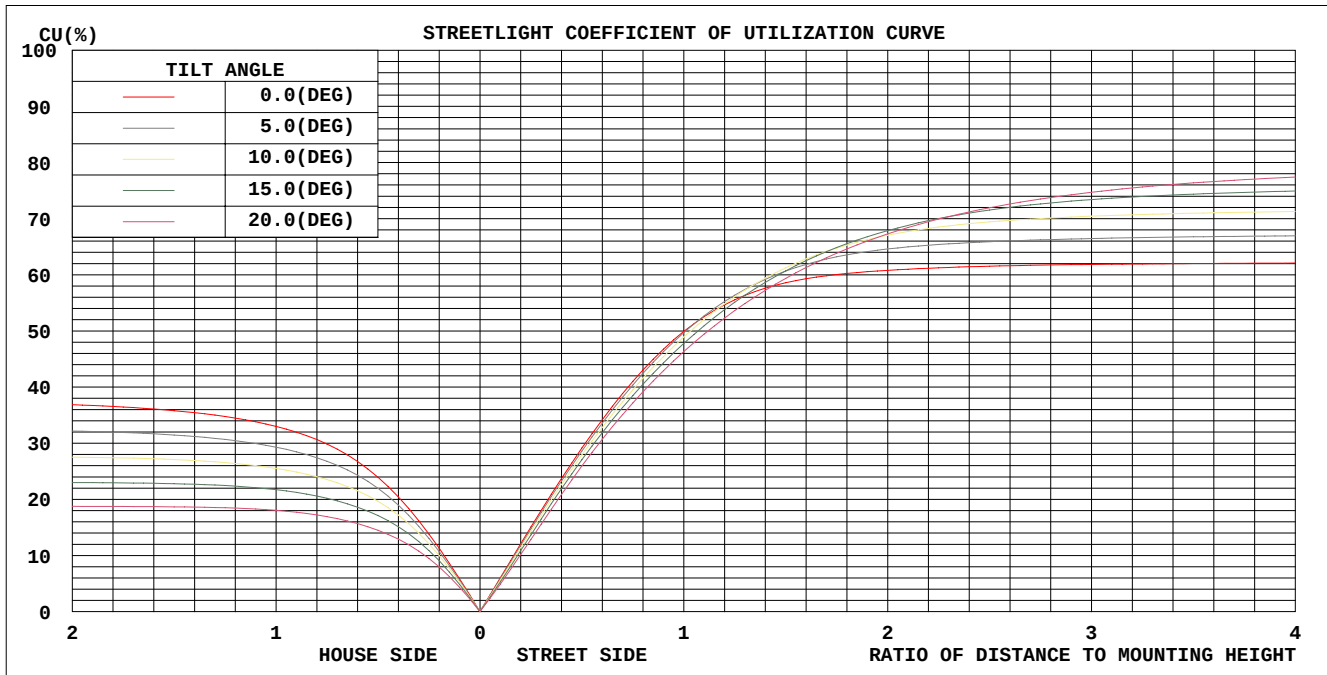
## STREETLIGHT ISOCANDELA DIAGRAM

|                                                                                |                                  |                    |
|--------------------------------------------------------------------------------|----------------------------------|--------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                    |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Light Weight:3.6kg |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:        |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle:   |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-06-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

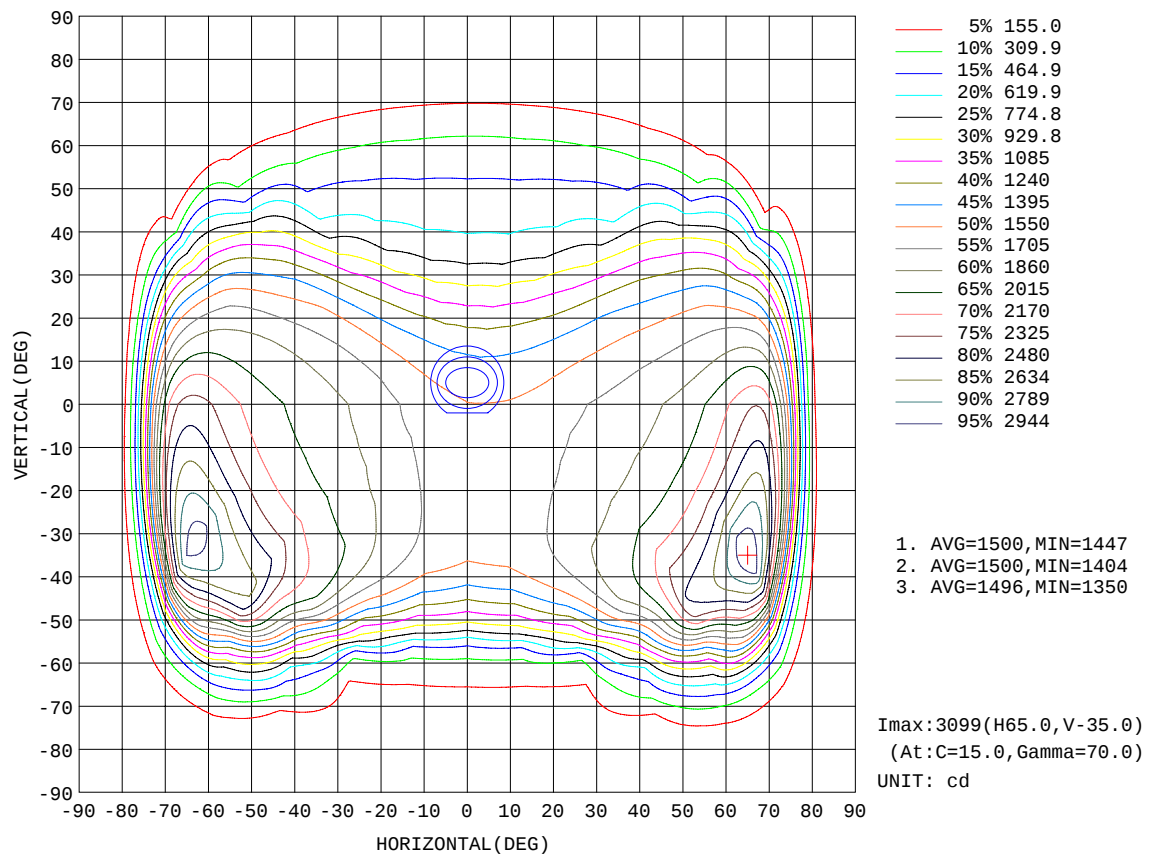
| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | $\phi$ zone | $\phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10       | 1558                  | 1598  | 1612  | 1646  | 1625  | 1514  | 1423  | 1465  | 0- 10    | 148.4       | 148.4        | 2.52, 2.52 |
| 20       | 1627                  | 1648  | 1625  | 1740  | 1754  | 1452  | 1175  | 1361  | 10- 20   | 440.1       | 588.5        | 9.99, 9.99 |
| 30       | 1710                  | 1716  | 1612  | 1852  | 1875  | 1318  | 849.6 | 1203  | 20- 30   | 709.8       | 1298         | 22, 22     |
| 40       | 1796                  | 1822  | 1460  | 1992  | 1975  | 1077  | 613.3 | 978.5 | 30- 40   | 938.1       | 2236         | 38, 38     |
| 50       | 1906                  | 1913  | 965.6 | 2093  | 2107  | 705.9 | 492.5 | 675.4 | 40- 50   | 1099        | 3336         | 56.7, 56.7 |
| 60       | 2133                  | 1518  | 267.8 | 1586  | 2328  | 427.4 | 345.0 | 441.0 | 50- 60   | 1130        | 4466         | 75.8, 75.8 |
| 70       | 2200                  | 529.5 | 112.3 | 531.5 | 2044  | 156.7 | 140.5 | 176.8 | 60- 70   | 965.7       | 5432         | 92.2, 92.2 |
| 80       | 202.9                 | 63.28 | 32.28 | 51.07 | 109.6 | 25.39 | 29.36 | 28.88 | 70- 80   | 430.5       | 5862         | 99.6, 99.6 |
| 90       | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 80- 90   | 26.12       | 5888         | 100, 100   |
| 100      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90-100   | 0           | 5888         | 100, 100   |
| 110      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-110  | 0           | 5888         | 100, 100   |
| 120      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-120  | 0           | 5888         | 100, 100   |
| 130      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-130  | 0           | 5888         | 100, 100   |
| 140      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-140  | 0           | 5888         | 100, 100   |
| 150      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-150  | 0           | 5888         | 100, 100   |
| 160      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-160  | 0           | 5888         | 100, 100   |
| 170      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-170  | 0           | 5888         | 100, 100   |
| 180      | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-180  | 0           | 5888         | 100, 100   |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |          | UNIT:lm     |              |            |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-06-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

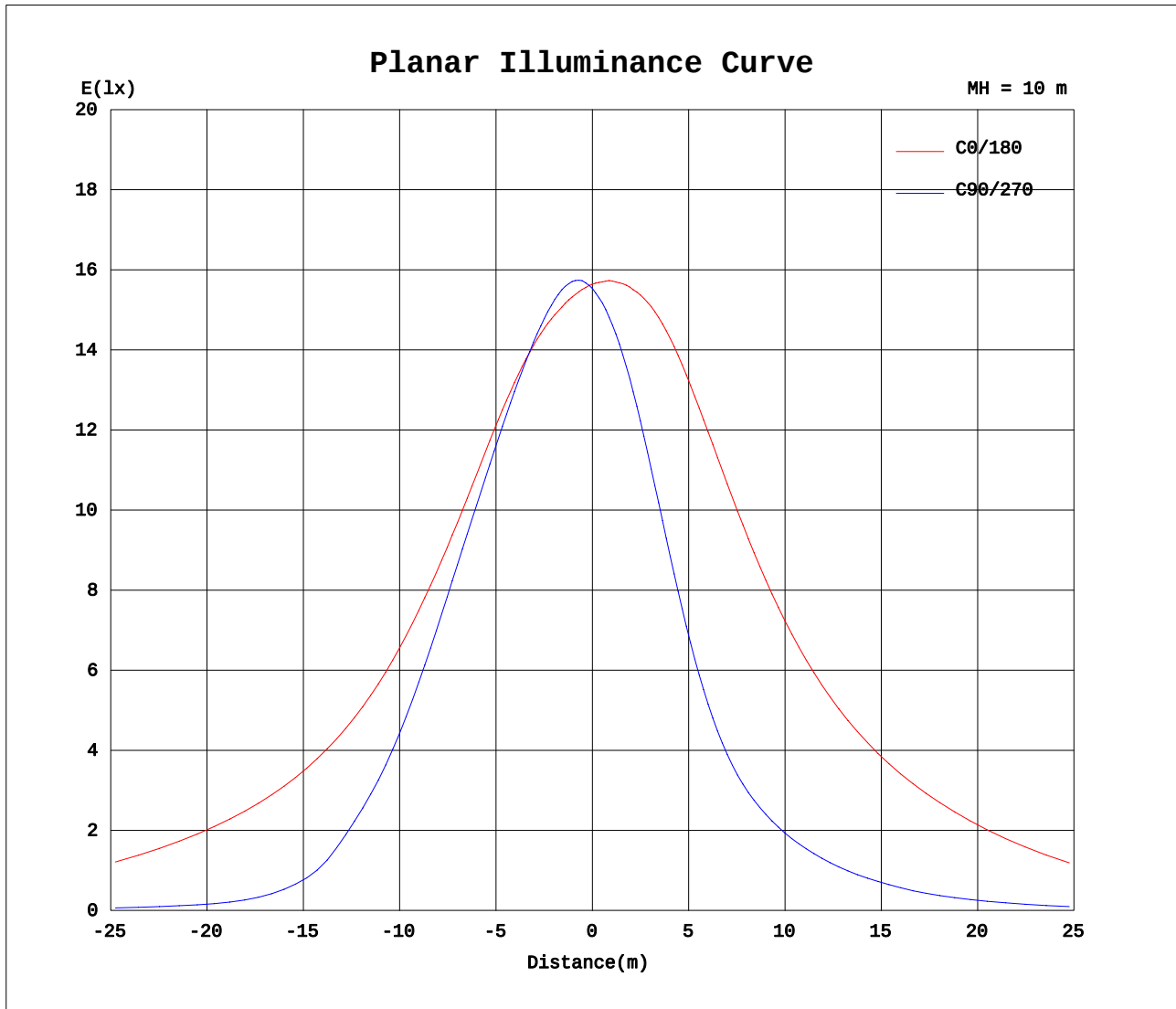
|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



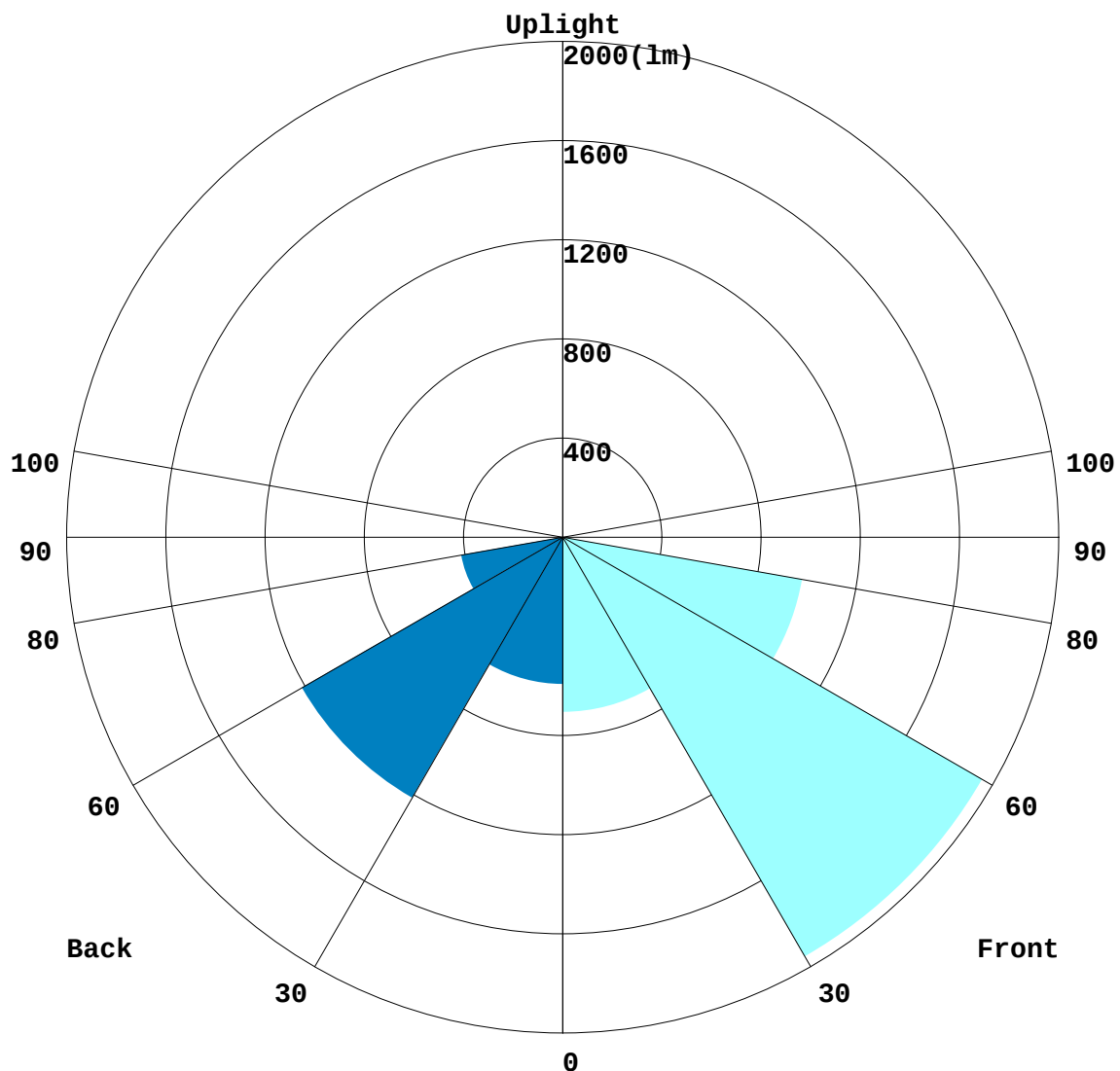
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2023-06-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity: 65.0%  
Test Distance: 7.682m [K=1.0000]  
Remarks:

## LCS REPORT

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## BUG REPORT

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

### IESNA Luminaire Flux Distribution Table:

| Zone                         | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30)         | 705.27 | 12.0        |
| FM - Front-Medium(30-60)     | 1953.4 | 33.2        |
| FH - Front-High(60-80)       | 980.63 | 16.7        |
| FVH - Front-Very High(80-90) | 20.32  | 0.3         |
| Total Forward Light          | 3659.6 | 62.1        |

|                             |        |      |
|-----------------------------|--------|------|
| BL - Back-Low(0-30)         | 593.07 | 10.1 |
| BM - Back-Medium(30-60)     | 1214.4 | 20.6 |
| BH - Back-High(60-80)       | 415.59 | 7.1  |
| BVH - Back-Very High(80-90) | 5.8009 | 0.1  |
| Total Back Light            | 2228.9 | 37.9 |

|                            |   |     |
|----------------------------|---|-----|
| 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 | B2-U0-G1 |
|---------------------------|----------|

| Zone        | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|-----------------|---------------|--------------|
| House Side  | 2228.9          | 0             | 2228.9       |
| Street Side | 3659.6          | 0             | 3659.6       |

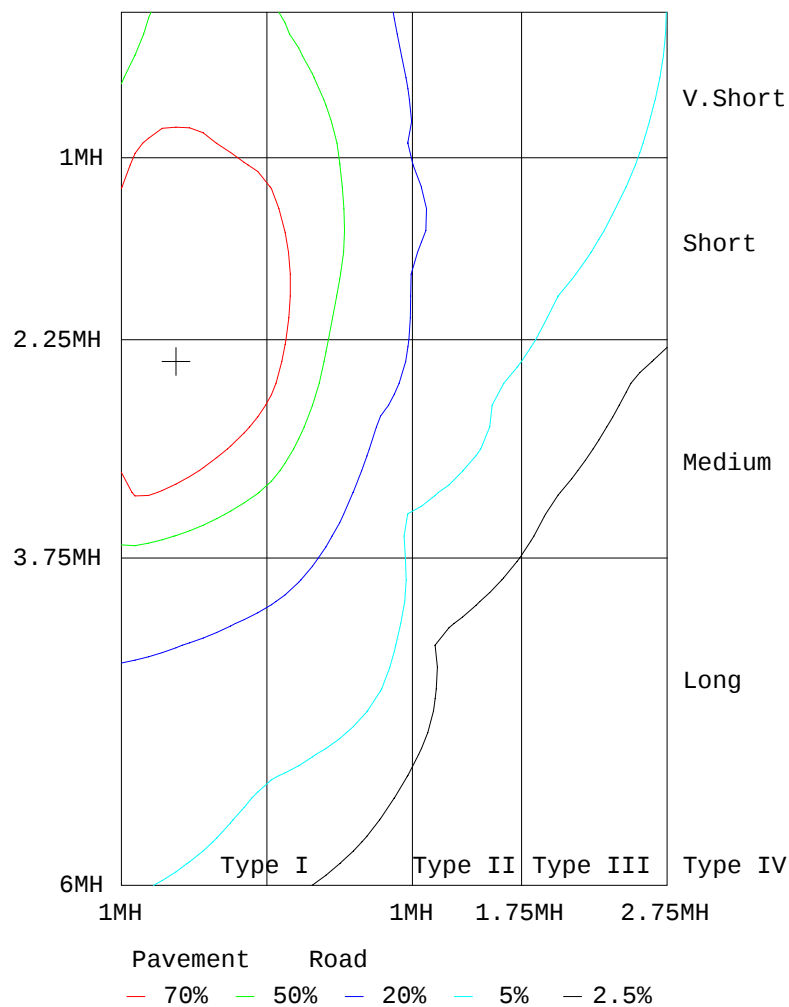
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## ROAD ISOCANDELA REPORT

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Light:3.6kg      |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |  |  |  |  |  |  |  |  |                                               |  |  |                  |  |  |  |  |  |
|--------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|-----------------------------------------------|--|--|------------------|--|--|--|--|--|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |  |  |  |  |  |  |  |  |                                               |  |  |                  |  |  |  |  |  |
| NAME: AOK iLA                                                                  |  |  |  |  |  |  |  |  | TYPE:iLA series LED Street Light HEIGHT:3.6kg |  |  |                  |  |  |  |  |  |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         |  |  |  |  |  |  |  |  | DIM.: 540*230*65mm                            |  |  | SERIAL No.:      |  |  |  |  |  |
| MFR.: AOK                                                                      |  |  |  |  |  |  |  |  | SUR.:190*175mm                                |  |  | Shielding Angle: |  |  |  |  |  |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 15   | 30   | 45   | 60   | 75   | 90   | 105  | 120  | 135  | 150  | 165  | 180  | 195  | 210  | 225  | 240  | 255  | 270  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 | 1554 |
| 5                 | 1546 | 1558 | 1568 | 1576 | 1582 | 1589 | 1592 | 1596 | 1599 | 1600 | 1598 | 1590 | 1581 | 1568 | 1551 | 1534 | 1519 | 1506 | 1499 |
| 10                | 1558 | 1578 | 1591 | 1598 | 1600 | 1606 | 1612 | 1622 | 1634 | 1646 | 1650 | 1642 | 1625 | 1597 | 1557 | 1514 | 1473 | 1441 | 1423 |
| 15                | 1589 | 1615 | 1624 | 1620 | 1614 | 1615 | 1620 | 1640 | 1664 | 1691 | 1709 | 1709 | 1685 | 1641 | 1572 | 1490 | 1409 | 1344 | 1315 |
| 20                | 1627 | 1656 | 1662 | 1648 | 1629 | 1620 | 1625 | 1652 | 1693 | 1740 | 1773 | 1783 | 1754 | 1693 | 1588 | 1452 | 1321 | 1217 | 1175 |
| 25                | 1669 | 1702 | 1698 | 1679 | 1648 | 1624 | 1625 | 1661 | 1725 | 1794 | 1837 | 1847 | 1819 | 1744 | 1599 | 1394 | 1204 | 1063 | 1012 |
| 30                | 1710 | 1748 | 1743 | 1716 | 1667 | 1621 | 1612 | 1662 | 1758 | 1852 | 1899 | 1909 | 1875 | 1786 | 1600 | 1318 | 1063 | 902  | 850  |
| 35                | 1750 | 1795 | 1798 | 1763 | 1683 | 1598 | 1572 | 1640 | 1786 | 1918 | 1968 | 1969 | 1926 | 1816 | 1582 | 1215 | 913  | 755  | 709  |
| 40                | 1796 | 1847 | 1863 | 1822 | 1678 | 1521 | 1460 | 1558 | 1785 | 1992 | 2050 | 2034 | 1975 | 1834 | 1539 | 1077 | 762  | 643  | 613  |
| 45                | 1844 | 1912 | 1948 | 1880 | 1613 | 1352 | 1253 | 1376 | 1715 | 2060 | 2153 | 2112 | 2032 | 1841 | 1460 | 909  | 649  | 572  | 548  |
| 50                | 1906 | 2003 | 2068 | 1913 | 1435 | 1081 | 966  | 1084 | 1502 | 2093 | 2291 | 2230 | 2107 | 1831 | 1332 | 706  | 562  | 509  | 492  |
| 55                | 1998 | 2148 | 2230 | 1854 | 1106 | 698  | 535  | 673  | 1117 | 2002 | 2476 | 2413 | 2208 | 1780 | 1142 | 556  | 477  | 438  | 429  |
| 60                | 2133 | 2391 | 2408 | 1518 | 640  | 310  | 268  | 297  | 571  | 1586 | 2638 | 2689 | 2328 | 1634 | 868  | 427  | 386  | 348  | 345  |
| 65                | 2281 | 2789 | 2444 | 1015 | 209  | 168  | 160  | 163  | 196  | 1021 | 2536 | 3000 | 2369 | 1290 | 453  | 292  | 263  | 253  | 258  |
| 70                | 2200 | 3092 | 1731 | 529  | 132  | 118  | 112  | 116  | 123  | 532  | 1558 | 2944 | 2044 | 733  | 206  | 157  | 150  | 148  | 150  |
| 75                | 1333 | 2395 | 832  | 262  | 81.3 | 74.0 | 69.7 | 71.7 | 75.1 | 234  | 706  | 1632 | 892  | 129  | 85.5 | 65.6 | 72.6 | 72.6 | 74.5 |
| 80                | 203  | 564  | 288  | 63.3 | 38.7 | 35.5 | 32.3 | 33.8 | 35.1 | 51.1 | 202  | 290  | 110  | 39.5 | 30.3 | 25.4 | 28.4 | 29.6 | 29.4 |
| 85                | 18.0 | 51.3 | 42.4 | 12.1 | 9.30 | 8.63 | 6.81 | 7.65 | 7.87 | 9.35 | 23.7 | 19.8 | 8.38 | 5.54 | 5.26 | 4.26 | 4.84 | 4.50 | 4.75 |
| 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: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2023-06-09

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                                  |                  |
|--------------------------------------------------------------------------------|----------------------------------|------------------|
| Test:U:219.3V I:0.1844A P:39.95W PF:0.9881 Freq:60.01Hz Lamp Flux:5888.49x1 lm |                                  |                  |
| NAME: AOK iLA                                                                  | TYPE:iLA series LED Street Light | Weight:3.6kg     |
| SPEC.:AOK-40WiLA-NVS-L3-00-3070-T201-P                                         | DIM.: 540*230*65mm               | SERIAL No.:      |
| MFR.: AOK                                                                      | SUR.:190*175mm                   | Shielding Angle: |

Table--2

UNIT: cd

| C(DEC)<br>γ (DEC) | 285  | 300  | 315  | 330  | 345  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                 | 1554 | 1554 | 1554 | 1554 | 1554 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                 | 1497 | 1501 | 1509 | 1520 | 1532 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                | 1421 | 1437 | 1465 | 1497 | 1529 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                | 1317 | 1358 | 1419 | 1484 | 1543 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                | 1185 | 1257 | 1361 | 1473 | 1563 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                | 1030 | 1135 | 1290 | 1460 | 1589 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                | 873  | 997  | 1203 | 1439 | 1612 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                | 733  | 857  | 1103 | 1410 | 1633 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                | 628  | 721  | 978  | 1365 | 1648 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                | 560  | 624  | 833  | 1293 | 1650 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                | 503  | 551  | 675  | 1192 | 1642 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                | 438  | 475  | 553  | 1034 | 1610 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                | 350  | 394  | 441  | 808  | 1517 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                | 260  | 279  | 317  | 469  | 1266 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                | 154  | 163  | 177  | 239  | 790  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                | 75.4 | 79.2 | 76.0 | 98.7 | 163  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                | 30.7 | 31.8 | 28.9 | 35.4 | 49.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                | 4.99 | 5.93 | 5.66 | 7.71 | 8.88 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |  |  |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023-06-09

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE G0-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks: