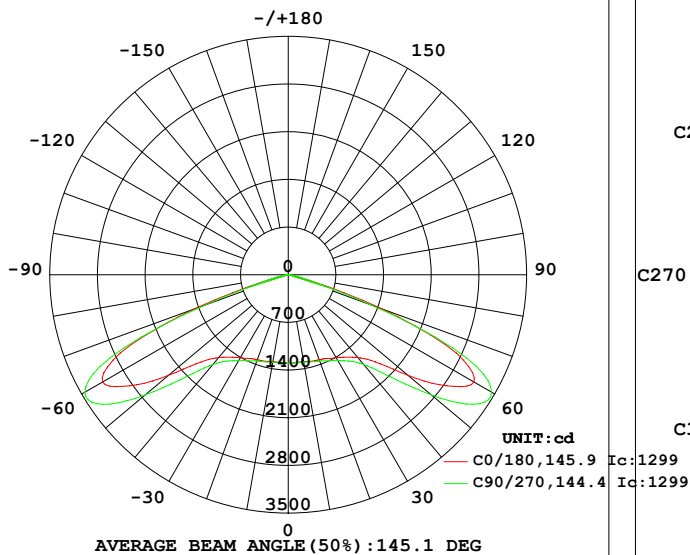
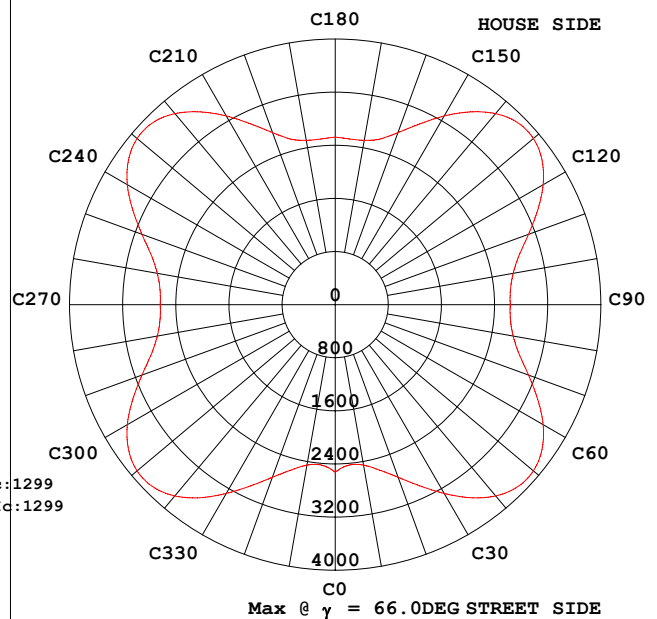


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 131.94 lm/W | | | |
|-------------------|---------|-----------------------------------|---------|------------------------|---------|
| MODEL | 3030 | I _{max} (cd) | 3881 | η street_up (%) | 0.0 |
| NOMINAL POWER (W) | 75 | LOR (%) | 100.0 | η street_down (%) | 54.2 |
| RATED VOLTAGE (V) | 220.0 | TOTAL FLUX (lm) | 9908 | η house_up (%) | 0.0 |
| NOMINAL FLUX (lm) | 9908.45 | MAXIMUM @ (C, γ) | 45,66.0 | η house_down (%) | 45.8 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | 76 FLASHAREA (m2) | 0.00100 |
| TEST VOLTAGE (V) | 220 | η down (%) | 100.0 | SLI | 17.548 |

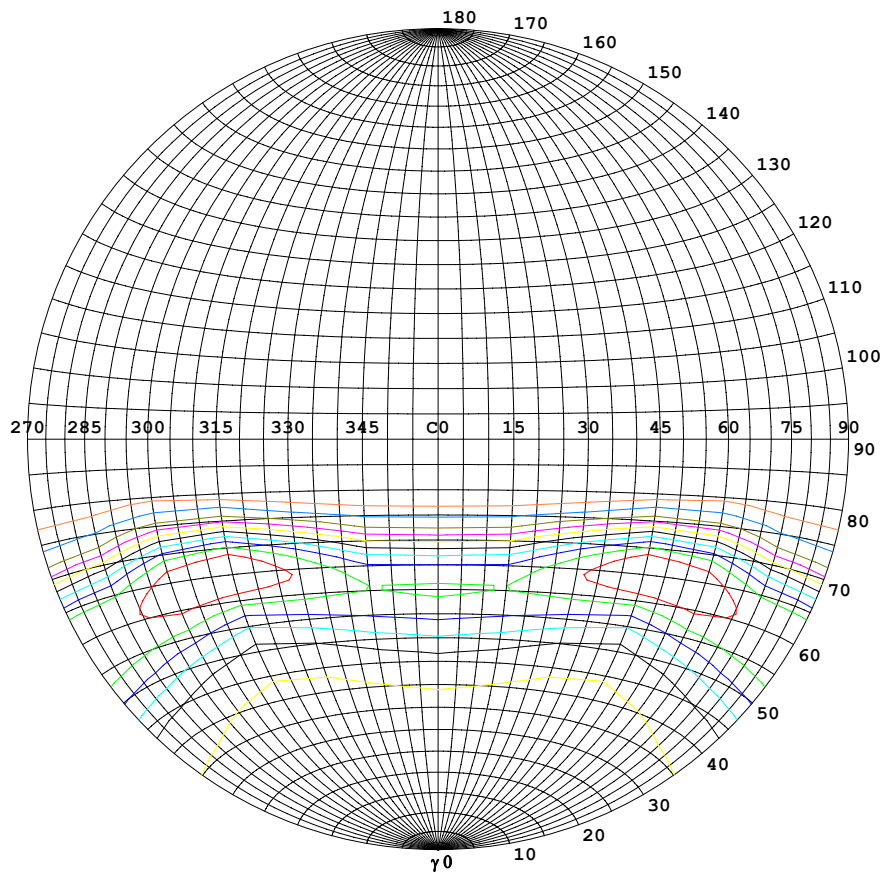
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |



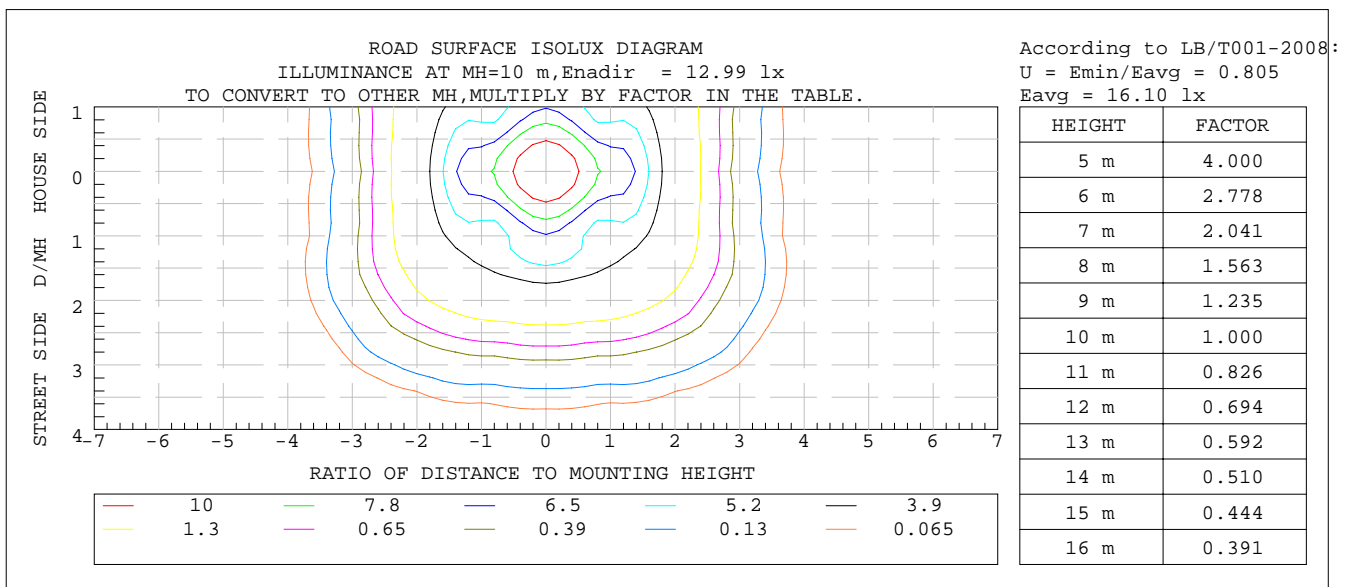
Classification:

IES:Type V - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:15.86cd/klm
Max.At90:0cd/klm
Max.80-90:15.86cd/klm
NRB 5101:Limited[4.3%]

| ISOCANDELA DIAGRAM | |
|------------------------|------|
| UNIT | cd |
| I _{max} =100% | 3881 |
| 90% | 3493 |
| 80% | 3105 |
| 70% | 2717 |
| 60% | 2329 |
| 50% | 1941 |
| 40% | 1552 |
| 30% | 1164 |
| 20% | 776 |
| 10% | 388 |
| 5% | 194 |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [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: 2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

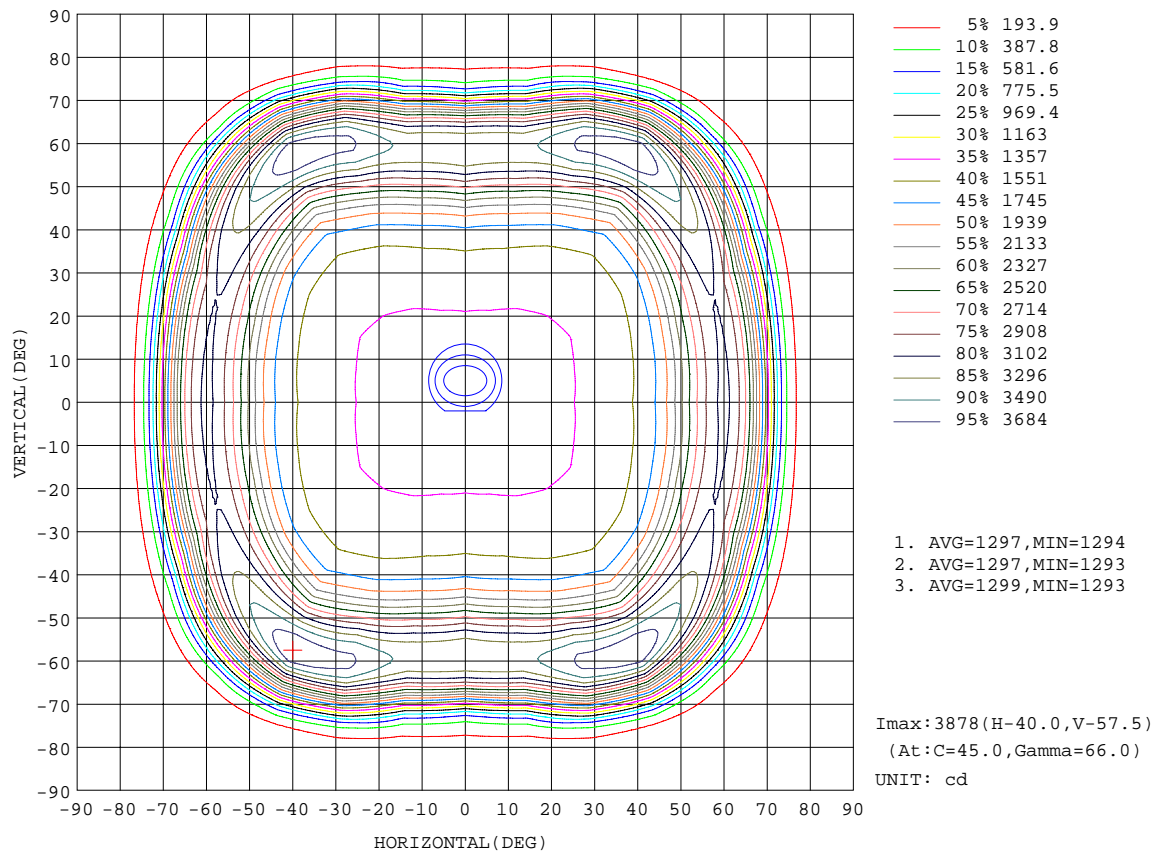
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------------|
| 10 | 1297 | 1299 | 1303 | 1299 | 1297 | 1299 | 1303 | 1299 | 0- 10 | 123.7 | 123.7 | 1.25,1.25 |
| 20 | 1328 | 1322 | 1348 | 1322 | 1328 | 1322 | 1348 | 1322 | 10- 20 | 372.9 | 496.6 | 5.01,5.01 |
| 30 | 1408 | 1378 | 1454 | 1378 | 1408 | 1378 | 1454 | 1378 | 20- 30 | 630.5 | 1127 | 11.4,11.4 |
| 40 | 1588 | 1471 | 1719 | 1471 | 1588 | 1471 | 1719 | 1471 | 30- 40 | 923.3 | 2050 | 20.7,20.7 |
| 50 | 2298 | 1819 | 2748 | 1819 | 2298 | 1819 | 2748 | 1819 | 40- 50 | 1402 | 3453 | 34.8,34.8 |
| 60 | 3148 | 3266 | 3447 | 3266 | 3148 | 3266 | 3447 | 3266 | 50- 60 | 2510 | 5963 | 60.2,60.2 |
| 70 | 1452 | 3154 | 1277 | 3154 | 1452 | 3154 | 1277 | 3154 | 60- 70 | 3046 | 9009 | 90.9,90.9 |
| 80 | 89.15 | 128.8 | 119.0 | 128.8 | 89.15 | 128.8 | 119.0 | 128.8 | 70- 80 | 857.6 | 9866 | 99.6,99.6 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 42.28 | 9908 | 100,100 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 9908 | 100,100 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 9908 | 100,100 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 9908 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 9908 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 9908 | 100,100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 9908 | 100,100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 9908 | 100,100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 9908 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 9908 | 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:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

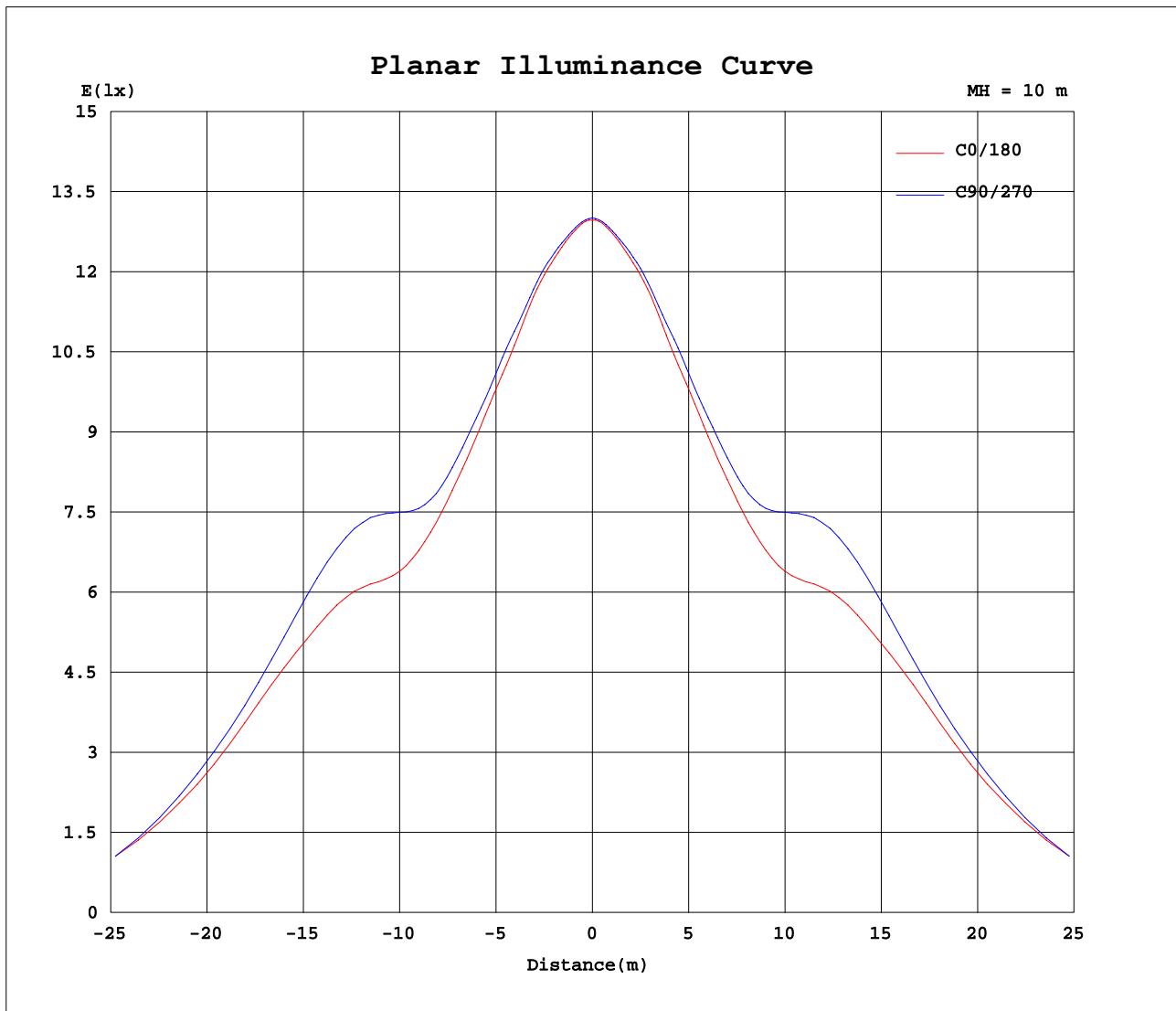
| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

Planar Illuminance Curve



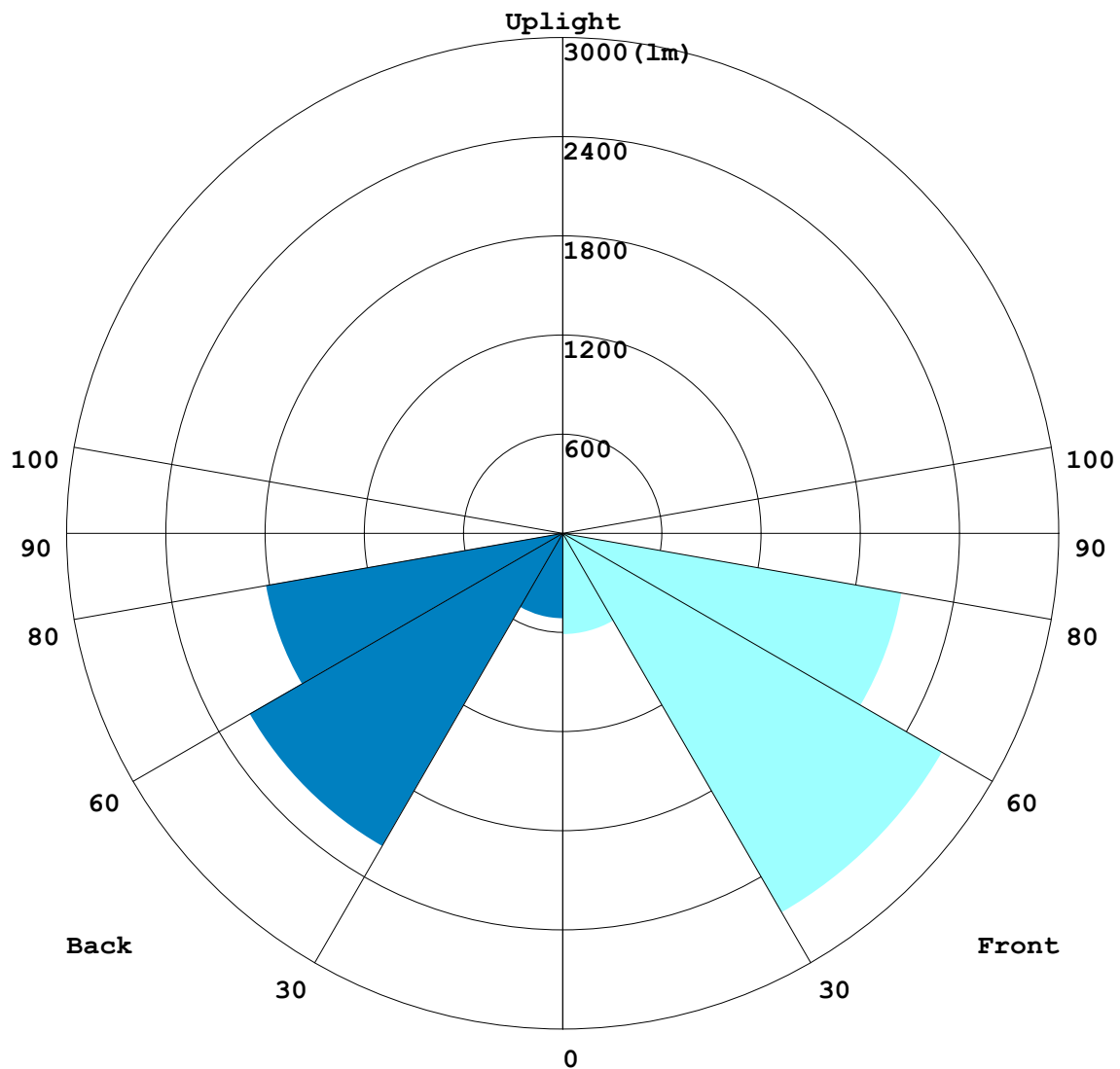
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.684m [K=1.0000]
Remarks:

LCS REPORT

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

BUG REPORT

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30) | 611.39 | 6.2 |
| FM - Front-Medium(30-60) | 2650.7 | 26.8 |
| FH - Front-High(60-80) | 2081.5 | 21.0 |
| FVH - Front-Very High(80-90) | 22.902 | 0.2 |
| Total Forward Light | 5366.5 | 54.2 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 515.68 | 5.2 |
| BM - Back-Medium(30-60) | 2185.1 | 22.1 |
| BH - Back-High(60-80) | 1821.8 | 18.4 |
| BVH - Back-Very High(80-90) | 19.374 | 0.2 |
| Total Back Light | 4542 | 45.8 |

| | | |
|----------------------------|---|-----|
| 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 | B3-U0-G2 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 4542 | 0 | 4542 |
| Street Side | 5366.5 | 0 | 5366.5 |

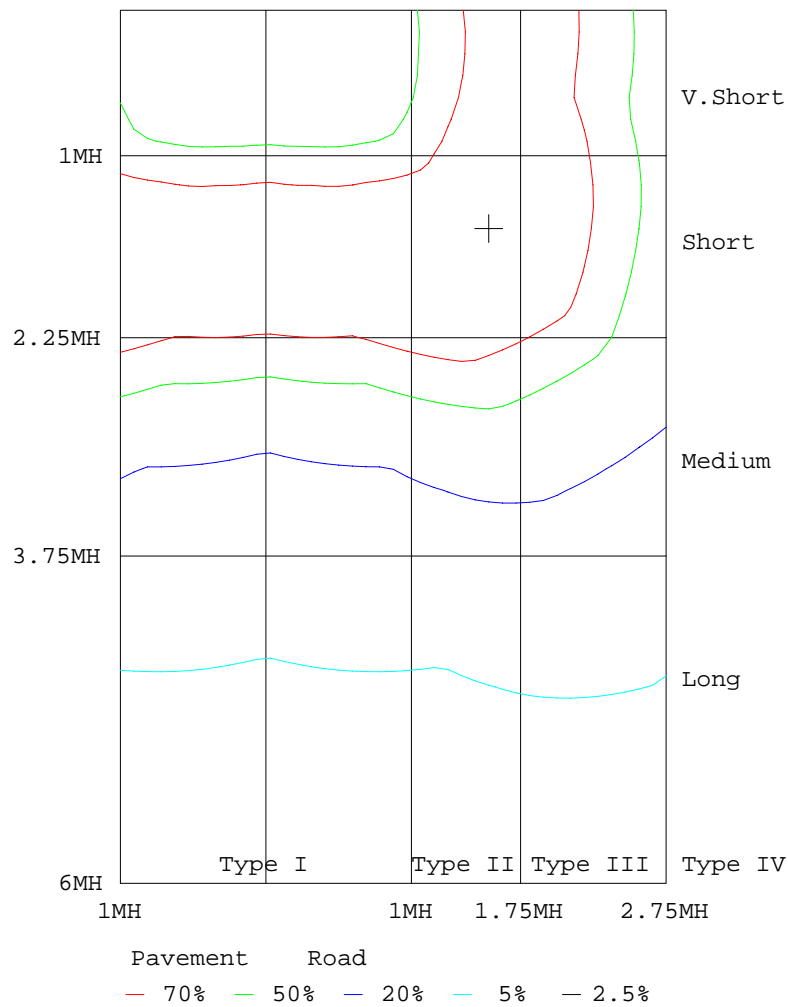
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 | 1299 |
| 5 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1296 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1295 | 1296 |
| 10 | 1297 | 1297 | 1298 | 1299 | 1299 | 1300 | 1303 | 1300 | 1299 | 1299 | 1298 | 1297 | 1297 | 1297 | 1298 | 1299 | 1299 | 1300 | 1303 |
| 15 | 1314 | 1309 | 1308 | 1311 | 1315 | 1320 | 1324 | 1320 | 1315 | 1311 | 1308 | 1309 | 1314 | 1309 | 1308 | 1311 | 1315 | 1320 | 1324 |
| 20 | 1328 | 1323 | 1319 | 1322 | 1330 | 1342 | 1348 | 1342 | 1330 | 1322 | 1319 | 1323 | 1328 | 1323 | 1319 | 1322 | 1330 | 1342 | 1348 |
| 25 | 1357 | 1347 | 1336 | 1340 | 1359 | 1386 | 1395 | 1386 | 1359 | 1340 | 1336 | 1347 | 1357 | 1347 | 1336 | 1340 | 1359 | 1386 | 1395 |
| 30 | 1408 | 1391 | 1369 | 1378 | 1399 | 1437 | 1454 | 1437 | 1399 | 1378 | 1369 | 1391 | 1408 | 1391 | 1369 | 1378 | 1399 | 1437 | 1454 |
| 35 | 1478 | 1452 | 1418 | 1408 | 1455 | 1517 | 1548 | 1517 | 1455 | 1408 | 1418 | 1452 | 1478 | 1452 | 1418 | 1408 | 1455 | 1517 | 1548 |
| 40 | 1588 | 1545 | 1488 | 1471 | 1544 | 1651 | 1719 | 1651 | 1544 | 1471 | 1488 | 1545 | 1588 | 1545 | 1488 | 1471 | 1544 | 1651 | 1719 |
| 45 | 1811 | 1729 | 1613 | 1583 | 1730 | 1962 | 2118 | 1962 | 1730 | 1583 | 1613 | 1729 | 1811 | 1729 | 1613 | 1583 | 1730 | 1962 | 2118 |
| 50 | 2298 | 2169 | 1929 | 1819 | 2162 | 2534 | 2748 | 2534 | 2162 | 1819 | 1929 | 2169 | 2298 | 2169 | 1929 | 1819 | 2162 | 2534 | 2748 |
| 55 | 2843 | 2746 | 2587 | 2361 | 2881 | 3159 | 3316 | 3159 | 2881 | 2361 | 2587 | 2746 | 2843 | 2746 | 2587 | 2361 | 2881 | 3159 | 3316 |
| 60 | 3148 | 3100 | 3219 | 3266 | 3553 | 3442 | 3447 | 3442 | 3553 | 3266 | 3219 | 3100 | 3148 | 3100 | 3219 | 3266 | 3553 | 3442 | 3447 |
| 65 | 2722 | 2765 | 3396 | 3875 | 3689 | 3055 | 2887 | 3055 | 3689 | 3875 | 3396 | 2765 | 2722 | 2765 | 3396 | 3875 | 3689 | 3055 | 2887 |
| 70 | 1452 | 1544 | 2384 | 3154 | 2797 | 1678 | 1277 | 1678 | 2797 | 3154 | 2384 | 1544 | 1452 | 1544 | 2384 | 3154 | 2797 | 1678 | 1277 |
| 75 | 330 | 355 | 632 | 1107 | 954 | 401 | 309 | 401 | 954 | 1107 | 632 | 355 | 330 | 355 | 632 | 1107 | 954 | 401 | 309 |
| 80 | 89.2 | 88.2 | 101 | 129 | 157 | 129 | 119 | 129 | 157 | 129 | 101 | 88.2 | 89.2 | 88.2 | 101 | 129 | 157 | 129 | 119 |
| 85 | 28.8 | 29.0 | 24.0 | 22.9 | 34.0 | 33.4 | 27.2 | 33.4 | 34.0 | 22.9 | 24.0 | 29.0 | 28.8 | 29.0 | 24.0 | 22.9 | 34.0 | 33.4 | 27.2 |
| 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 | 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:2018-09-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.684m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------------------------|------------------|
| Test:U:220.2V I:0.3979A P:75.10W PF:0.9215 Freq:49.99Hz Lamp Flux:9908.45x1 lm | | |
| NAME: AOK iP | TYPE:LED | WEIGHT: |
| SPEC.:AOK-75WiP-NV-L3-00-5070-T501-P | DIM.: 0.46*0.08M | SERIAL No.: |
| MFR.: AOK | SUR.: ϕ 0.409- ϕ 0.297M | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) γ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 1299 | 1299 | 1299 | 1299 | 1299 | | | | | | | | | | | | | | |
| 5 | 1295 | 1295 | 1295 | 1295 | 1295 | | | | | | | | | | | | | | |
| 10 | 1300 | 1299 | 1299 | 1298 | 1297 | | | | | | | | | | | | | | |
| 15 | 1320 | 1315 | 1311 | 1308 | 1309 | | | | | | | | | | | | | | |
| 20 | 1342 | 1330 | 1322 | 1319 | 1323 | | | | | | | | | | | | | | |
| 25 | 1386 | 1359 | 1340 | 1336 | 1347 | | | | | | | | | | | | | | |
| 30 | 1437 | 1399 | 1378 | 1369 | 1391 | | | | | | | | | | | | | | |
| 35 | 1517 | 1455 | 1408 | 1418 | 1452 | | | | | | | | | | | | | | |
| 40 | 1651 | 1544 | 1471 | 1488 | 1545 | | | | | | | | | | | | | | |
| 45 | 1962 | 1730 | 1583 | 1613 | 1729 | | | | | | | | | | | | | | |
| 50 | 2534 | 2162 | 1819 | 1929 | 2169 | | | | | | | | | | | | | | |
| 55 | 3159 | 2881 | 2361 | 2587 | 2746 | | | | | | | | | | | | | | |
| 60 | 3442 | 3553 | 3266 | 3219 | 3100 | | | | | | | | | | | | | | |
| 65 | 3055 | 3689 | 3875 | 3396 | 2765 | | | | | | | | | | | | | | |
| 70 | 1678 | 2797 | 3154 | 2384 | 1544 | | | | | | | | | | | | | | |
| 75 | 401 | 954 | 1107 | 632 | 355 | | | | | | | | | | | | | | |
| 80 | 129 | 157 | 129 | 101 | 88.2 | | | | | | | | | | | | | | |
| 85 | 33.4 | 34.0 | 22.9 | 24.0 | 29.0 | | | | | | | | | | | | | | |
| 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:2018-09-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.684m [K=1.0000]
Remarks: