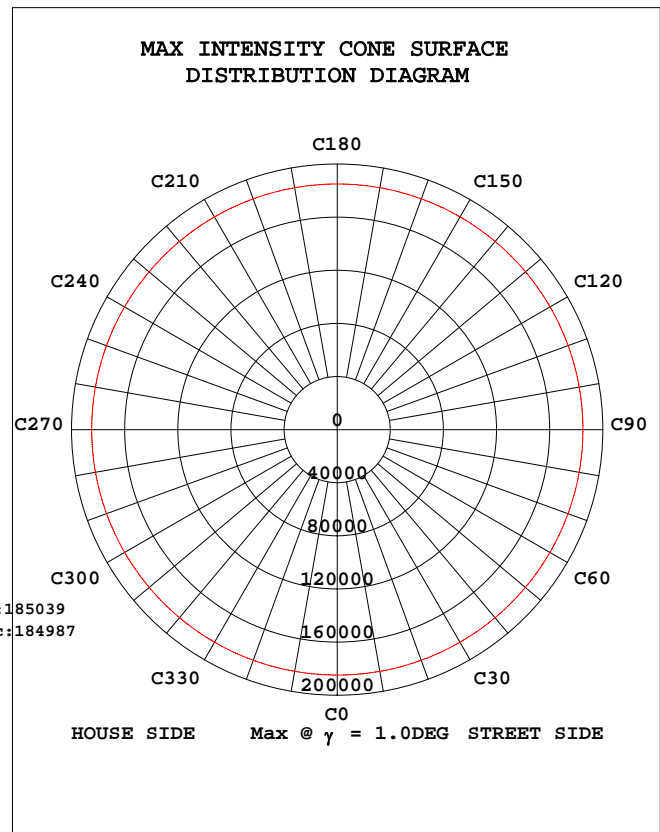
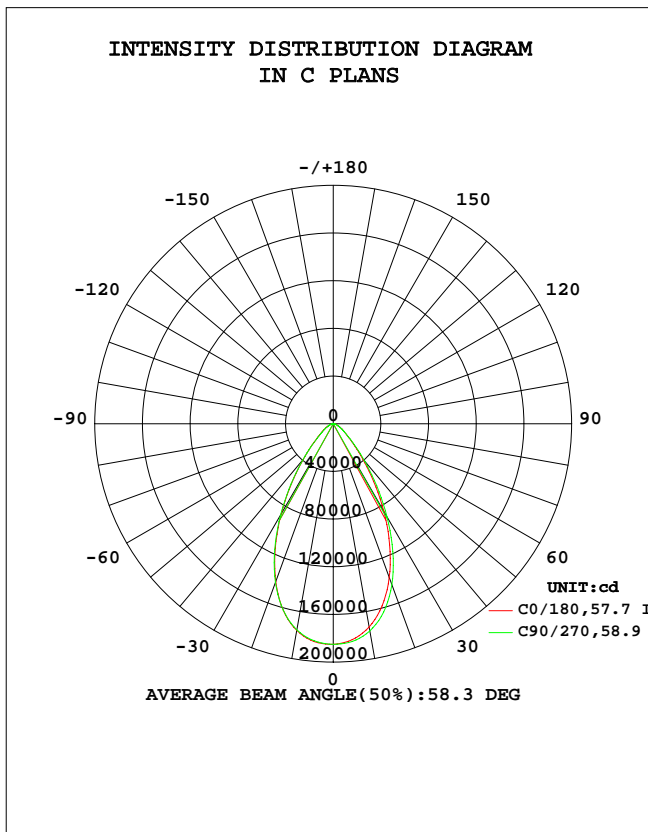


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 188.86 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	185039	η street_up(%)	0.0
NOMINAL POWER(W)	1000	LOR(%)	100.0	η street_down(%)	50.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	189987	η house_up(%)	0.0
NOMINAL FLUX(lm)	189987	MAXIMUM @(C,γ )	180,1.0	η house_down(%)	49.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.389

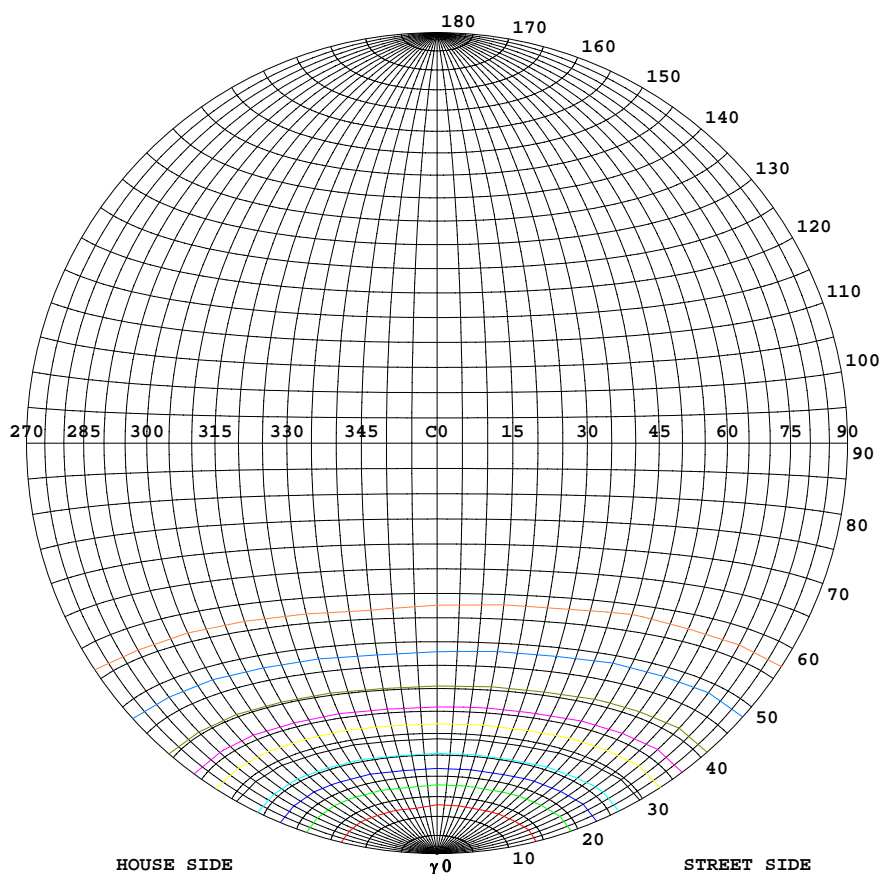


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



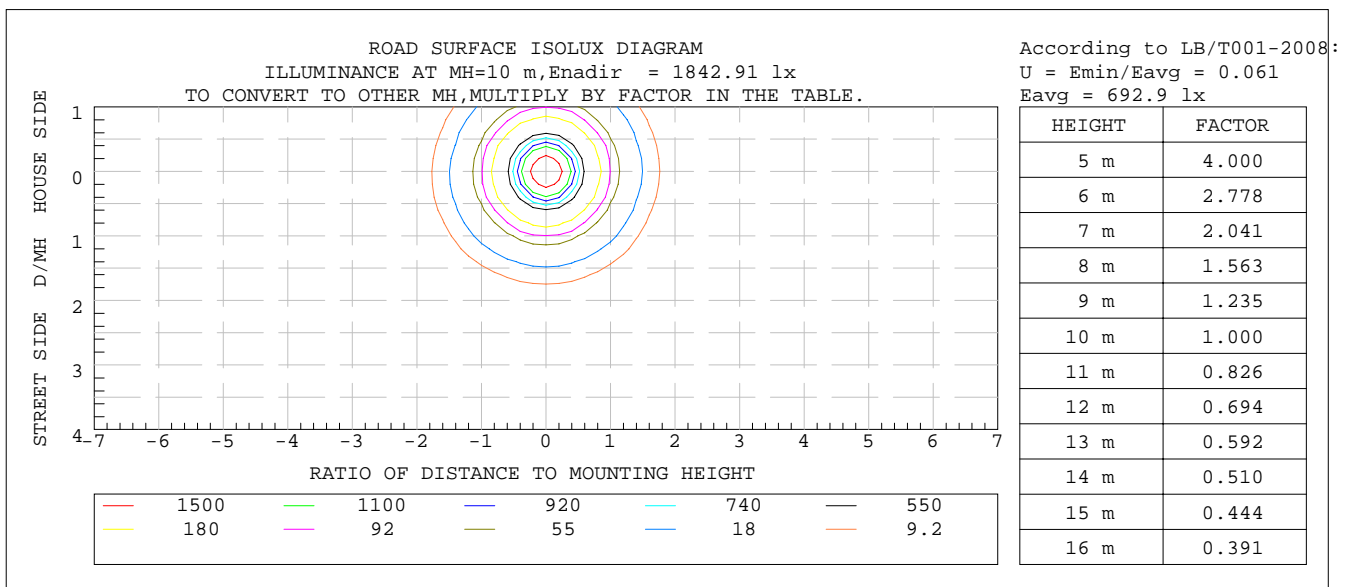
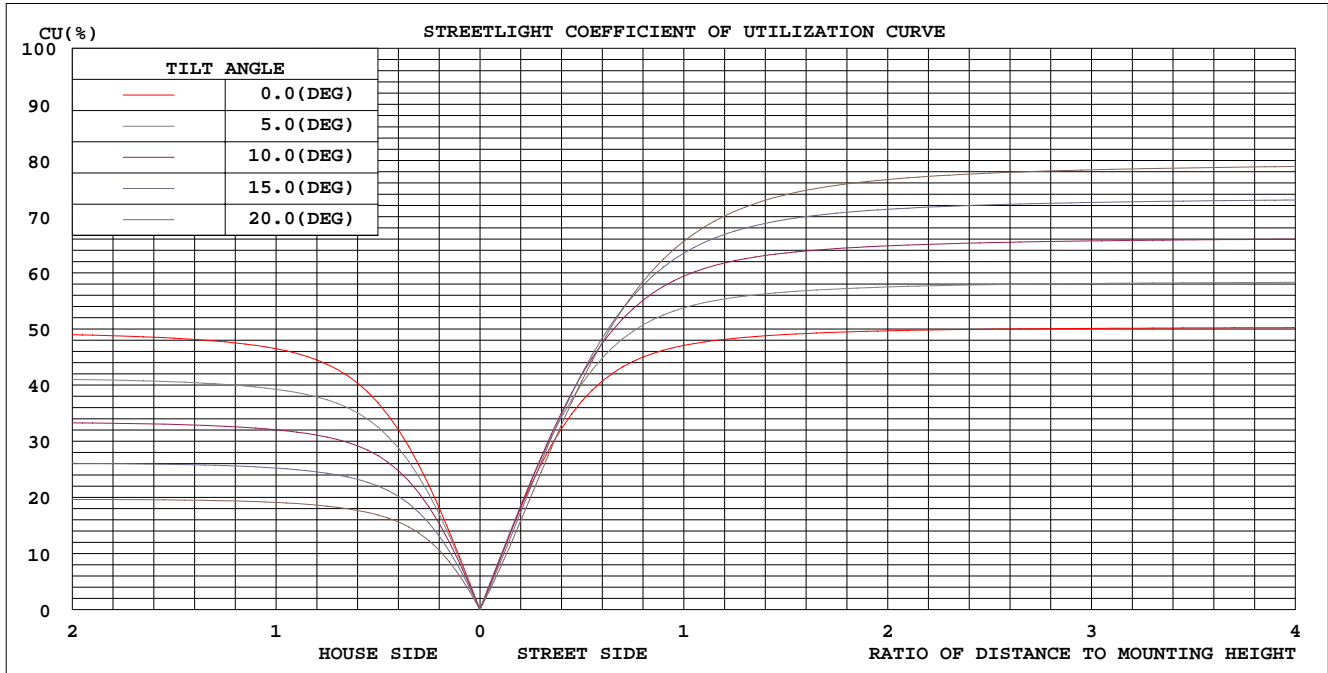
## Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:6.191cd/klm  
Max.At90:0cd/klm  
Max.80-90:6.191cd/klm  
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	185039
90%	166535
80%	148031
70%	129527
60%	111023
50%	92519
40%	74015
30%	55512
20%	37008
10%	18504
5%	9252

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-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: yanyonggeng  
Test Date: 2025-6-1

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

## ZONAL FLUX DIAGRAM

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

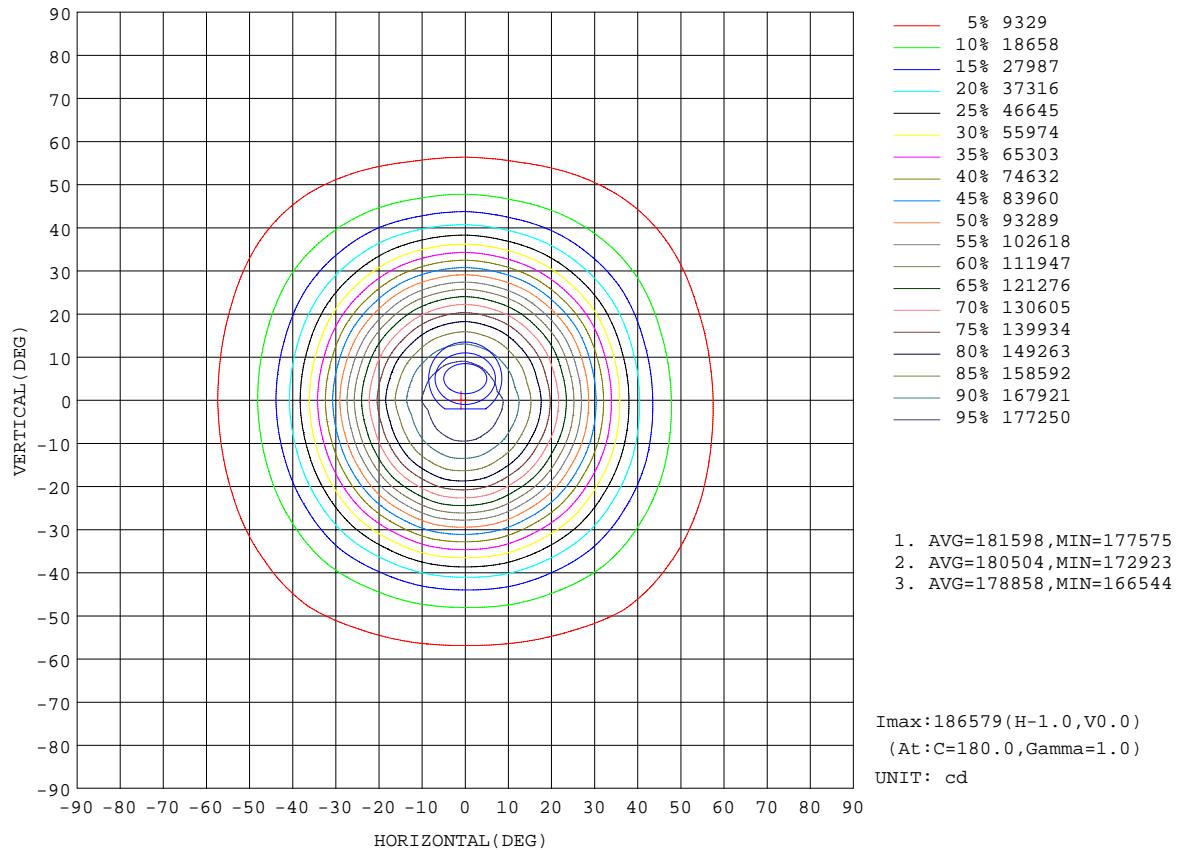
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	1732	1744	1765	1770	1761	1753	1756	1743	0- 10	17217	17217	9.06,9.06
20	1373	1394	1438	1439	1411	1396	1417	1395	10- 20	44882	62099	32.7,32.7
30	850.5	867.9	903.7	897.6	875.0	863.9	883.3	862.2	20- 30	52382	114481	60.3,60.3
40	385.5	402.7	412.9	404.7	396.6	398.5	398.6	384.3	30- 40	38345	152826	80.4,80.4
50	153.1	162.5	155.7	157.7	156.9	157.8	151.0	149.8	40- 50	19618	172444	90.8,90.8
60	77.85	81.30	73.87	77.91	76.73	76.88	71.41	74.97	50- 60	9778	182221	95.9,95.9
70	34.53	35.05	32.03	33.47	33.31	32.31	30.71	32.34	60- 70	5137	187359	98.6,98.6
80	11.72	11.61	10.77	10.94	10.89	10.28	10.29	10.73	70- 80	2179	189538	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	449.6	189987	100,100
100	0	0	0	0	0	0	0	0	90-100	0	189987	100,100
110	0	0	0	0	0	0	0	0	100-110	0	189987	100,100
120	0	0	0	0	0	0	0	0	110-120	0	189987	100,100
130	0	0	0	0	0	0	0	0	120-130	0	189987	100,100
140	0	0	0	0	0	0	0	0	130-140	0	189987	100,100
150	0	0	0	0	0	0	0	0	140-150	0	189987	100,100
160	0	0	0	0	0	0	0	0	150-160	0	189987	100,100
170	0	0	0	0	0	0	0	0	160-170	0	189987	100,100
180	0	0	0	0	0	0	0	0	170-180	0	189987	100,100
DEG	LUMINOUS INTENSITY:×100cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2025-6-1

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

## ISOCANDELA DIAGRAM

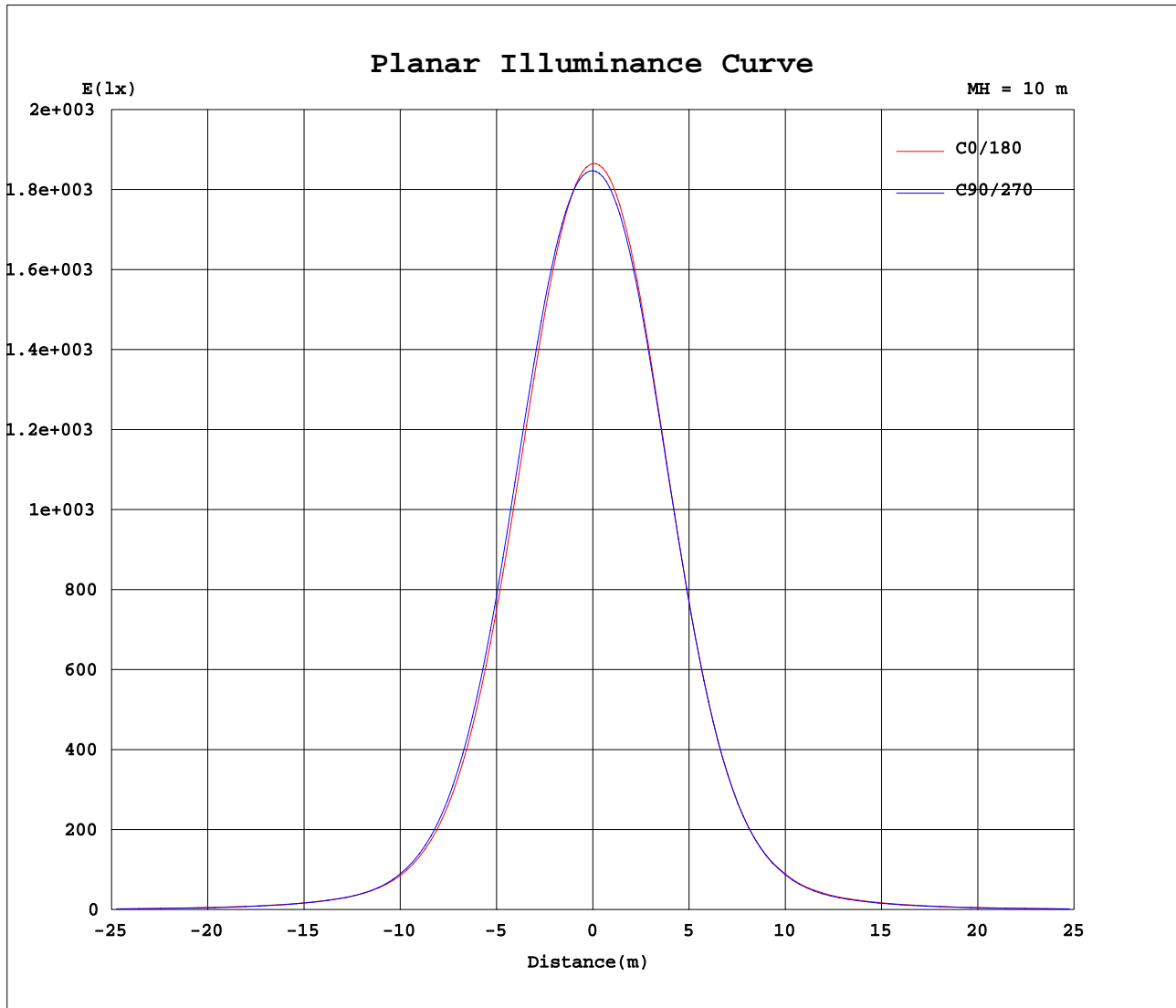
Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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

## Planar Illuminance Curve



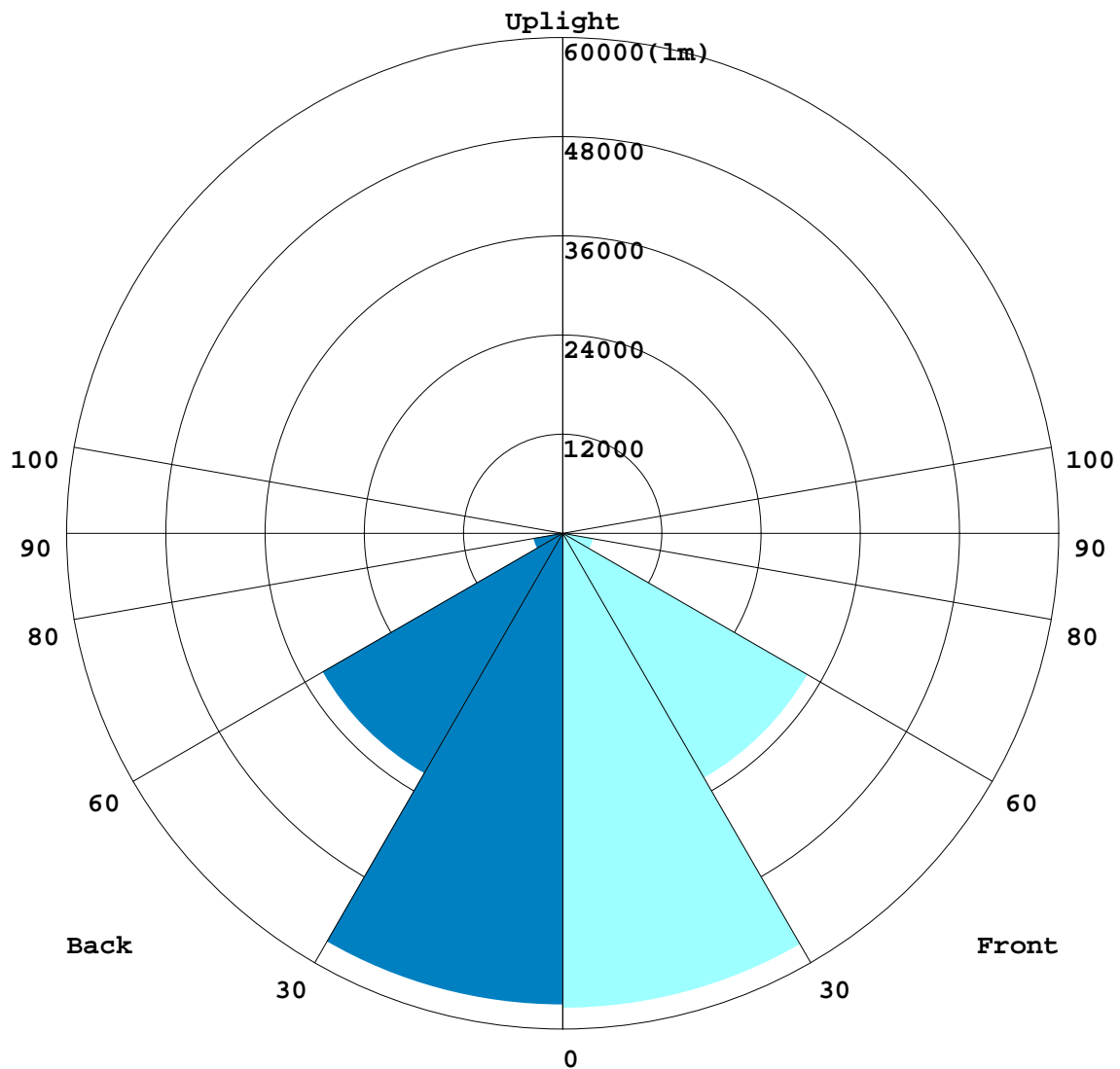
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2025-6-1

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

## LCS REPORT

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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

## BUG REPORT

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	57437	30.2
FM - Front-Medium(30-60)	34202	18.0
FH - Front-High(60-80)	3734.3	2.0
FVH - Front-Very High(80-90)	234.52	0.1
Total Forward Light	95607	50.3

BL - Back-Low(0-30)	57044	30.0
BM - Back-Medium(30-60)	33539	17.7
BH - Back-High(60-80)	3582.2	1.9
BVH - Back-Very High(80-90)	215.12	0.1
Total Back Light	94380	49.7

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	B5-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	94380	0	94380
Street Side	95607	0	95607

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2025-6-1

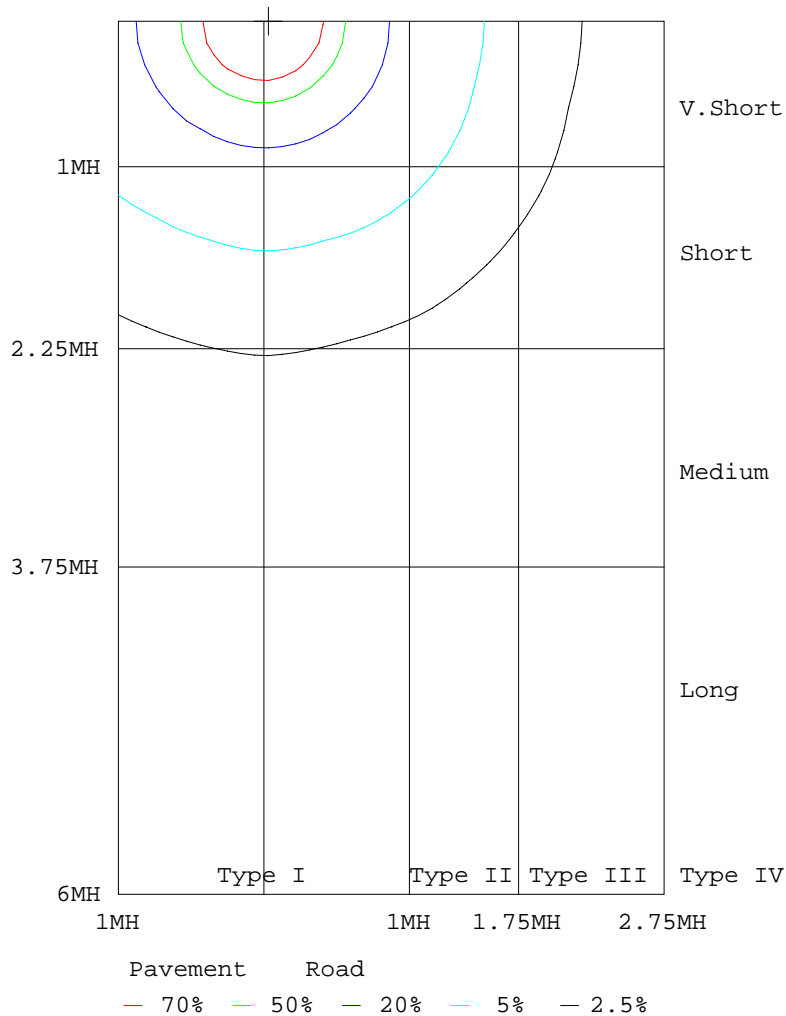
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



### ROAD ISOCANDELA REPORT

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

#### ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
5	1819	1821	1821	1825	1827	1831	1833	1836	1836	1836	1834	1834	1834	1832	1832	1830	1831	1828	1828
10	1732	1734	1735	1744	1750	1760	1765	1771	1770	1770	1764	1761	1761	1756	1757	1753	1757	1755	1756
15	1582	1586	1586	1601	1609	1627	1635	1645	1640	1640	1627	1622	1620	1611	1613	1609	1615	1615	1620
20	1373	1378	1377	1394	1404	1429	1438	1449	1439	1439	1423	1414	1411	1399	1402	1396	1406	1408	1417
25	1121	1126	1123	1141	1150	1176	1184	1196	1183	1182	1163	1156	1152	1138	1144	1136	1150	1151	1162
30	850	855	852	868	875	899	904	913	898	898	881	876	875	863	869	864	876	876	883
35	594	600	599	612	618	635	637	640	626	626	614	609	610	604	611	607	616	614	618
40	386	392	392	403	406	417	413	414	404	405	395	393	397	394	399	399	404	399	399
45	239	249	246	255	252	259	253	256	248	253	243	247	250	247	253	249	253	246	248
50	153	159	159	162	158	159	156	158	155	158	154	155	157	157	160	158	156	151	151
55	109	112	112	113	109	108	106	108	106	109	106	107	109	108	110	109	106	102	103
60	77.9	79.4	79.1	81.3	76.9	75.1	73.9	75.1	75.5	77.9	74.6	75.0	76.7	75.4	77.2	76.9	74.3	70.5	71.4
65	53.2	54.4	54.0	54.8	52.0	50.7	49.7	50.9	51.3	52.4	50.5	50.8	51.7	50.6	51.7	50.9	49.6	47.1	47.7
70	34.5	35.0	34.5	35.1	33.0	32.5	32.0	32.7	32.6	33.5	32.2	32.6	33.3	32.3	32.7	32.3	31.4	30.1	30.7
75	21.6	21.8	21.1	21.6	20.3	20.2	20.0	20.3	20.1	20.6	19.7	20.2	20.7	19.7	20.0	19.8	19.3	18.6	19.3
80	11.7	11.8	11.3	11.6	10.9	10.9	10.8	10.9	10.7	10.9	10.3	10.6	10.9	10.3	10.3	10.3	10.1	9.67	10.3
85	3.91	4.08	3.82	4.01	3.60	3.80	3.64	3.73	3.40	3.72	3.13	3.42	3.50	2.97	3.31	3.05	3.32	3.04	3.53
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:yanyonggeng

Test Date:2025-6-1

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T

Humidity:65.0%

Test Distance:7.682m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.9V I:4.606A P:1006W PF:0.9976 Freq:50.01Hz Lamp Flux:189987x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1850	1850	1850	1850	1850														
5	1826	1825	1823	1822	1820														
10	1751	1750	1743	1742	1736														
15	1613	1611	1602	1600	1590														
20	1407	1406	1395	1394	1382														
25	1150	1151	1138	1141	1128														
30	872	872	862	868	857														
35	606	605	599	604	597														
40	389	388	384	388	384														
45	238	239	237	240	237														
50	148	150	150	152	150														
55	101	103	104	105	105														
60	70.7	73.3	75.0	75.1	74.7														
65	47.6	49.8	50.5	51.3	51.1														
70	30.6	31.8	32.3	32.8	32.8														
75	19.0	19.8	20.0	20.3	20.4														
80	10.1	10.5	10.7	10.8	11.0														
85	3.19	3.58	3.42	3.66	3.60														
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:yanyonggeng  
 Test Date:2025-6-1

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