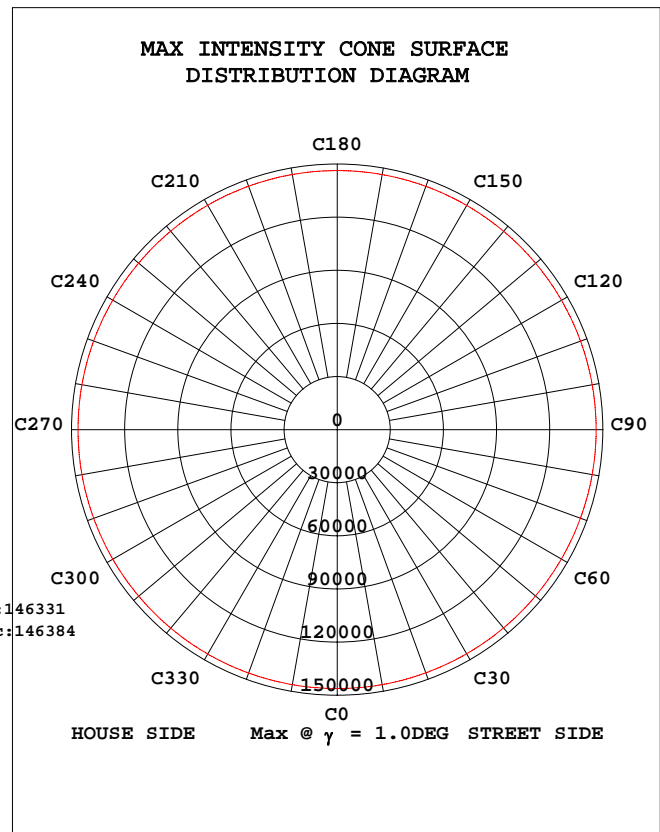
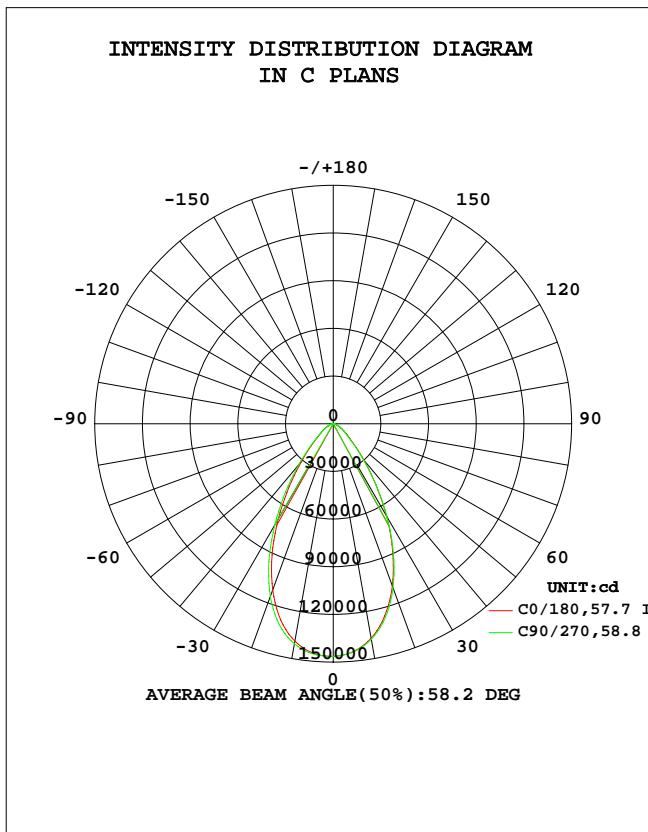


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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: 186.61 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	146388	η street_up(%)	0.0
NOMINAL POWER(W)	800	LOR(%)	100.0	η street_down(%)	48.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	150223	η house_up(%)	0.0
NOMINAL FLUX(lm)	150223	MAXIMUM @(C,γ )	240,1.0	η house_down(%)	51.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.057

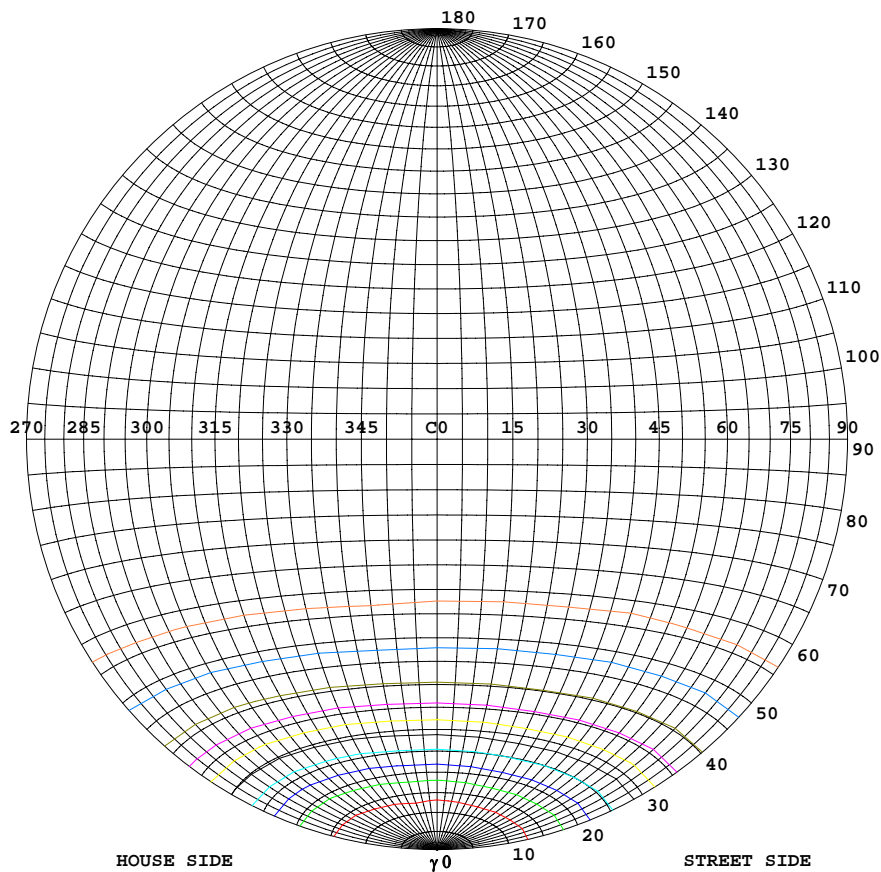


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



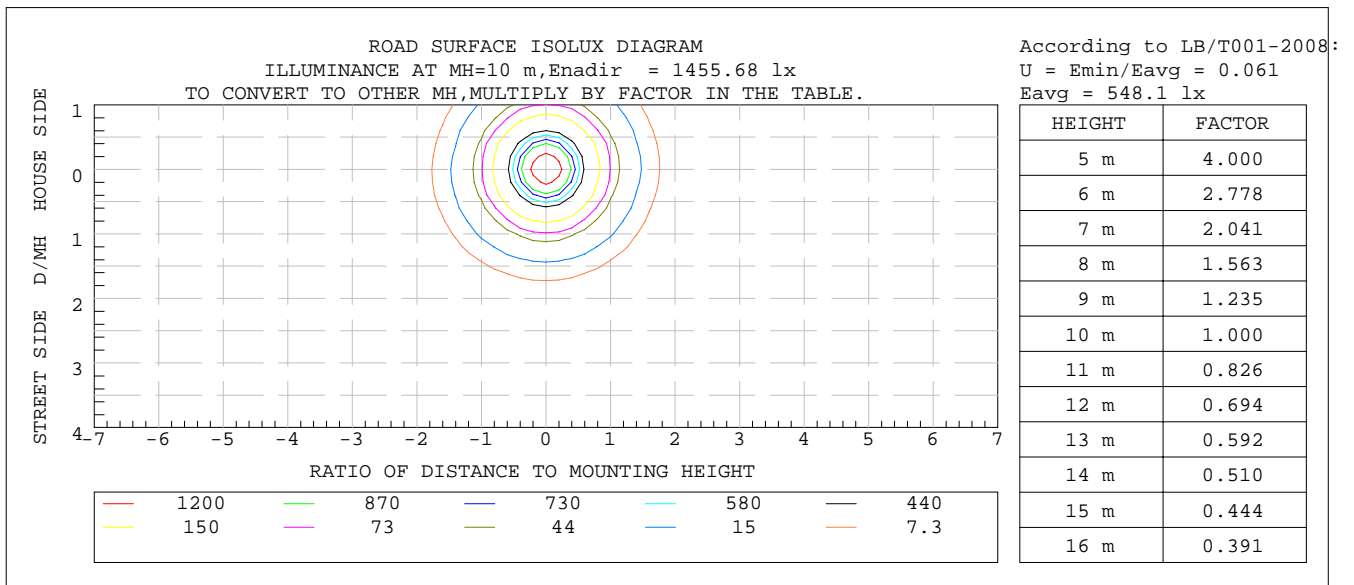
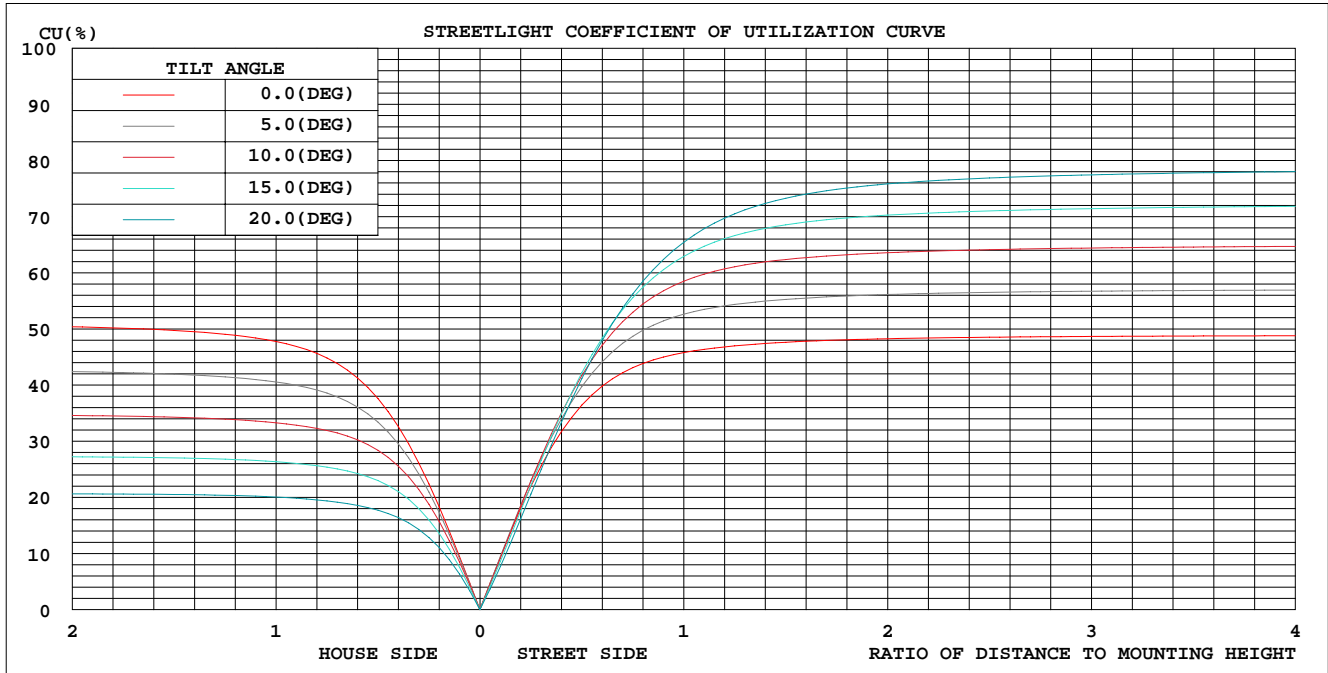
## Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:6.188cd/klm  
Max.At90:0cd/klm  
Max.80-90:6.188cd/klm  
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	146388
90%	131749
80%	117110
70%	102472
60%	87833
50%	73194
40%	58555
30%	43916
20%	29278
10%	14639
5%	7319

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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

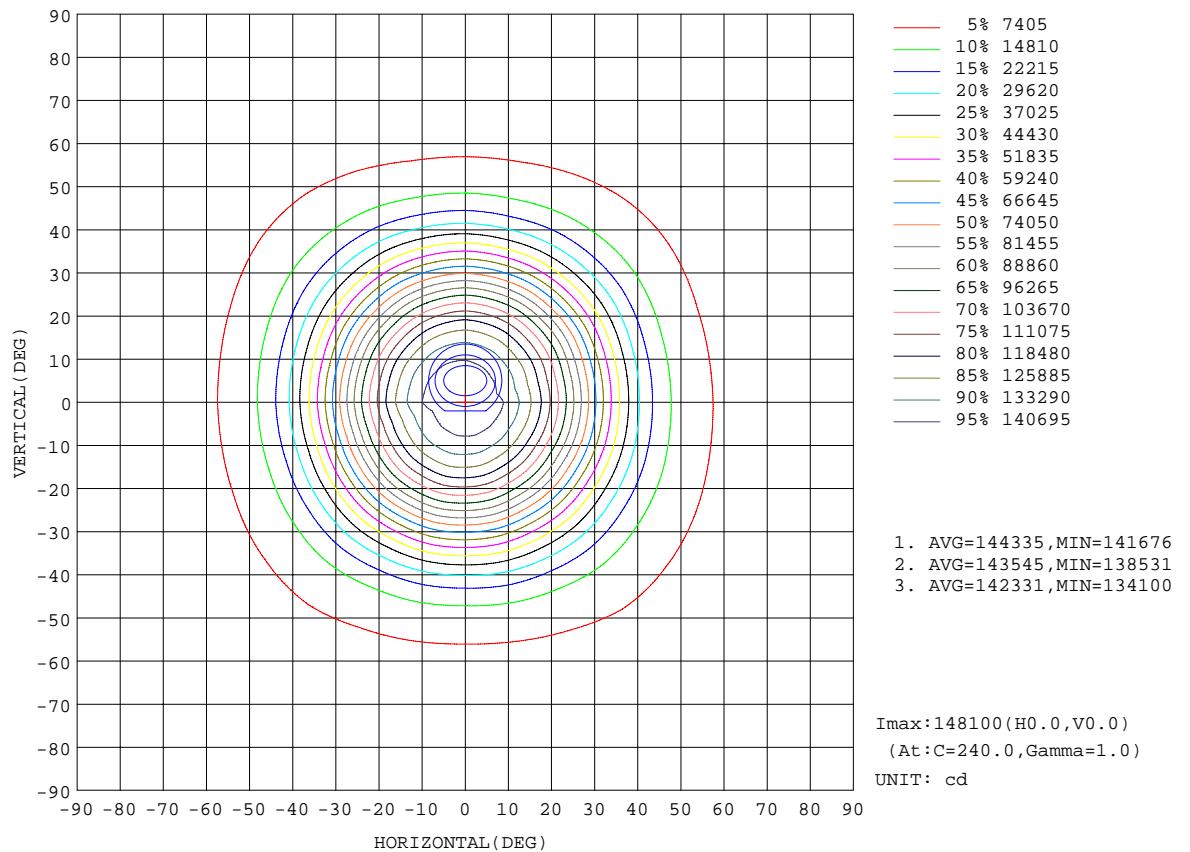
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	1371	1367	1377	1385	1389	1398	1406	1393	0- 10	13612	13612	9.06,9.06
20	1086	1077	1100	1111	1114	1130	1157	1131	10- 20	35485	49097	32.7,32.7
30	671.4	657.9	674.6	681.4	693.3	711.5	736.1	708.6	20- 30	41417	90514	60.3,60.3
40	303.3	300.0	301.3	303.3	315.8	334.7	340.7	319.9	30- 40	30312	120826	80.4,80.4
50	122.0	122.1	115.4	118.8	124.7	132.0	128.2	123.9	40- 50	15531	136357	90.8,90.8
60	61.43	62.12	55.53	59.59	60.82	63.09	58.99	61.01	50- 60	7731	144088	95.9,95.9
70	27.30	26.83	23.96	25.44	26.66	26.66	25.55	26.49	60- 70	4059	148147	98.6,98.6
80	9.296	8.452	7.769	8.017	8.675	8.594	8.866	8.887	70- 80	1721	149869	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	353.8	150223	100,100
100	0	0	0	0	0	0	0	0	90-100	0	150223	100,100
110	0	0	0	0	0	0	0	0	100-110	0	150223	100,100
120	0	0	0	0	0	0	0	0	110-120	0	150223	100,100
130	0	0	0	0	0	0	0	0	120-130	0	150223	100,100
140	0	0	0	0	0	0	0	0	130-140	0	150223	100,100
150	0	0	0	0	0	0	0	0	140-150	0	150223	100,100
160	0	0	0	0	0	0	0	0	150-160	0	150223	100,100
170	0	0	0	0	0	0	0	0	160-170	0	150223	100,100
180	0	0	0	0	0	0	0	0	170-180	0	150223	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

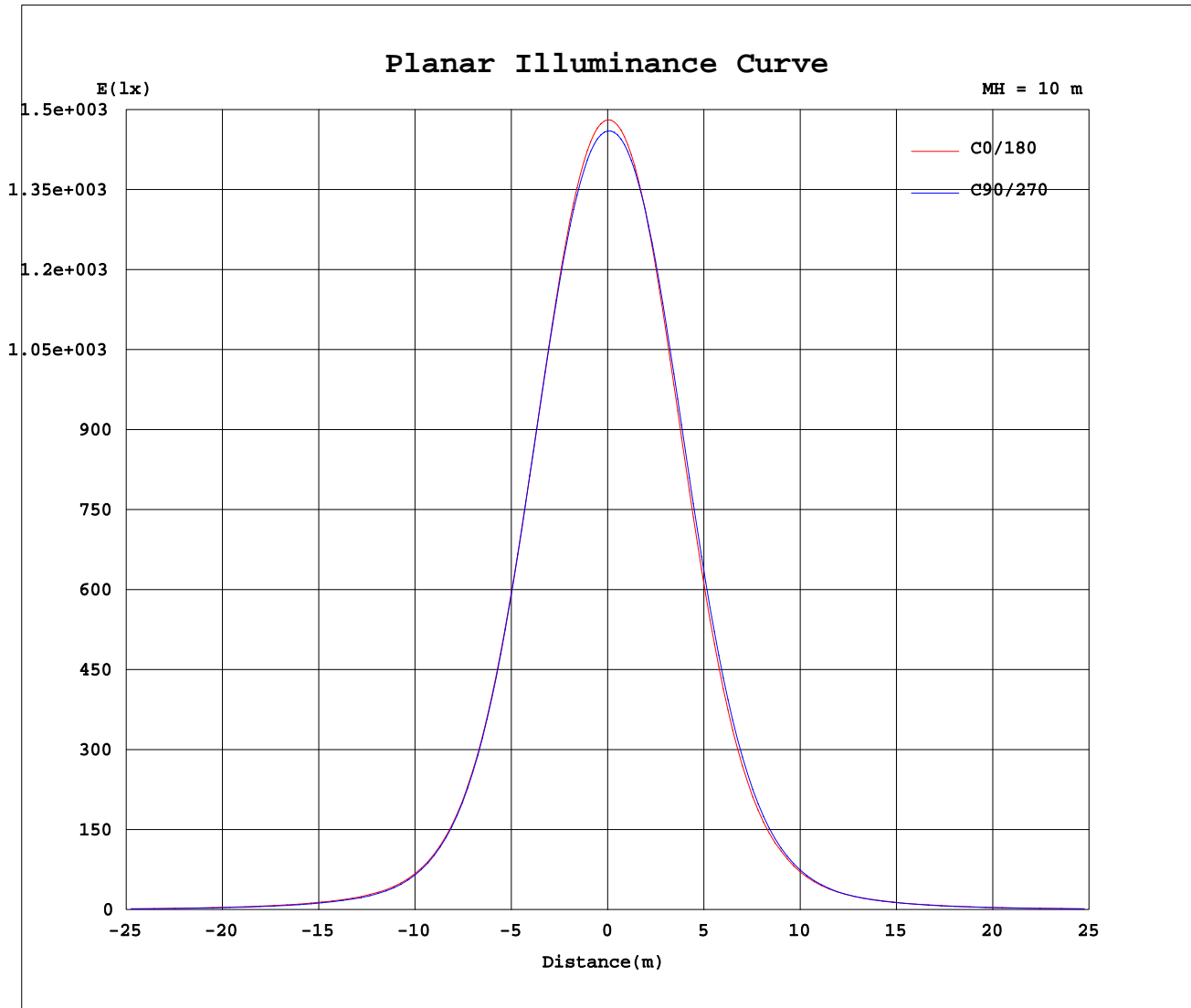
Test:U:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-60D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



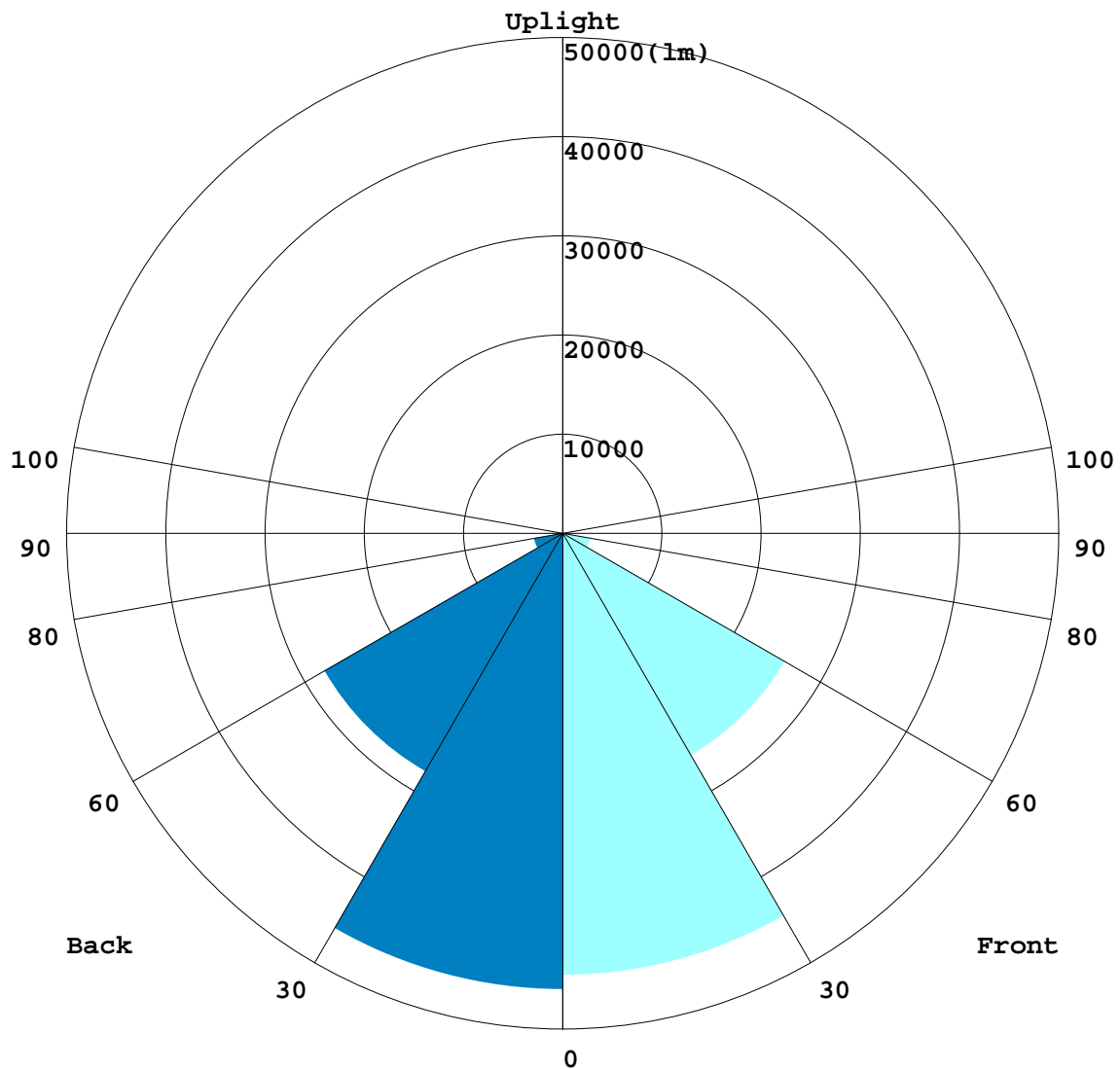
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2025-6-1

$\gamma$  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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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)	44538	29.6
FM - Front-Medium(30-60)	25848	17.2
FH - Front-High(60-80)	2848.8	1.9
FVH - Front-Very High(80-90)	168.33	0.1
Total Forward Light	73403	48.9

BL - Back-Low(0-30)	45977	30.6
BM - Back-Medium(30-60)	27726	18.5
BH - Back-High(60-80)	2931.6	2.0
BVH - Back-Very High(80-90)	185.46	0.1
Total Back Light	76820	51.1

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	76820	0	76820
Street Side	73403	0	73403

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

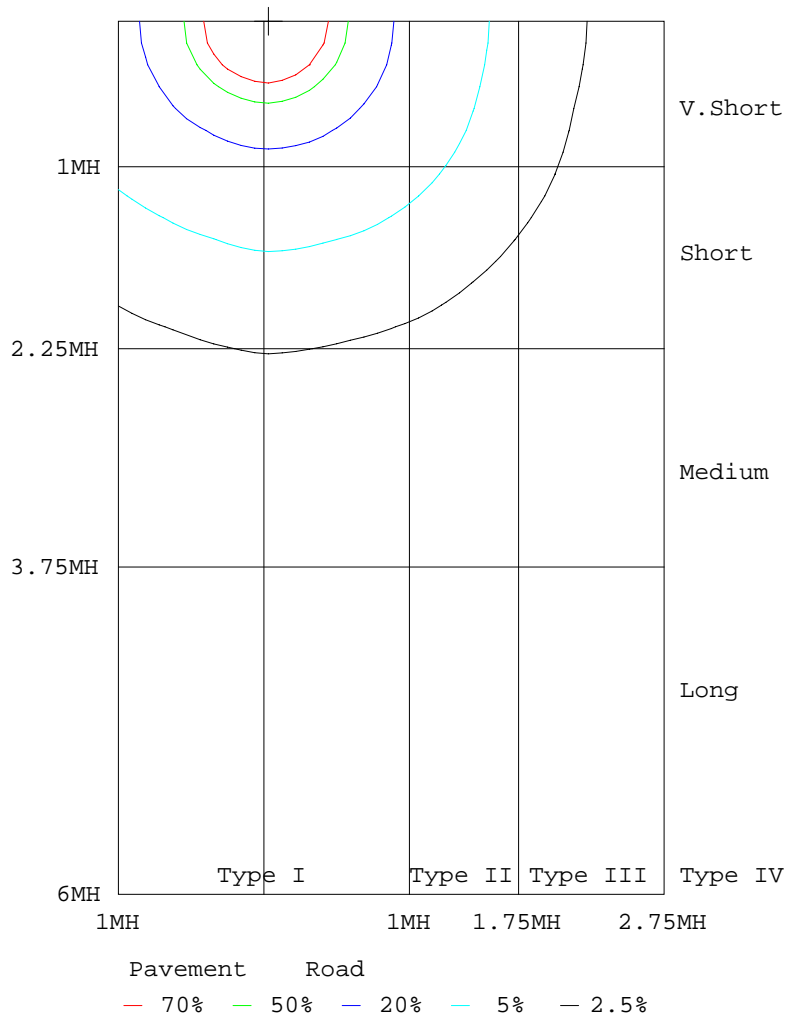
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463	1463
5	1439	1439	1437	1438	1438	1440	1441	1443	1444	1445	1445	1446	1448	1449	1451	1452	1454	1453	1454
10	1371	1368	1364	1367	1368	1374	1377	1382	1383	1385	1383	1385	1389	1390	1396	1398	1403	1404	1406
15	1252	1248	1241	1246	1248	1260	1264	1272	1271	1275	1271	1272	1278	1279	1288	1291	1300	1303	1310
20	1086	1081	1071	1077	1079	1095	1100	1110	1107	1111	1105	1107	1114	1115	1126	1130	1142	1147	1157
25	886	880	868	874	875	892	896	907	902	906	899	902	911	912	925	928	943	947	958
30	671	665	654	658	658	673	675	684	677	681	677	682	693	695	708	711	725	729	736
35	468	464	455	459	459	469	469	473	467	471	469	474	484	488	502	505	516	517	522
40	303	302	296	300	299	305	301	303	299	303	301	305	316	320	330	335	342	341	341
45	188	190	186	189	185	188	185	186	183	187	185	189	198	201	209	210	214	210	211
50	122	123	122	122	119	117	115	117	116	119	118	120	125	127	132	132	132	128	128
55	85.8	86.8	85.1	85.9	82.2	81.2	80.0	81.0	80.4	82.9	81.4	83.2	86.7	87.2	89.5	89.7	88.4	85.1	85.4
60	61.4	61.8	61.0	62.1	58.4	56.6	55.5	56.5	57.1	59.6	57.8	58.3	60.8	60.6	62.6	63.1	61.6	58.4	59.0
65	42.0	42.3	41.6	41.7	39.4	38.2	37.3	38.1	38.6	39.8	38.9	39.4	41.1	40.7	42.1	41.9	41.1	39.1	39.5
70	27.3	27.4	26.4	26.8	25.0	24.4	24.0	24.4	24.5	25.4	24.8	25.3	26.7	26.0	26.9	26.7	26.3	25.0	25.6
75	17.1	16.9	16.1	16.3	15.2	15.1	14.8	15.1	15.0	15.5	15.1	15.6	16.5	16.0	16.4	16.4	16.2	15.6	16.1
80	9.30	9.03	8.38	8.45	7.90	7.90	7.77	7.88	7.71	8.02	7.64	8.06	8.67	8.38	8.62	8.59	8.66	8.36	8.87
85	3.13	3.11	2.60	2.75	2.45	2.59	2.42	2.59	2.28	2.51	2.14	2.50	2.75	2.54	2.79	2.73	3.04	2.86	3.25
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:219.0V I:3.683A P:805.0W PF:0.9979 Freq:50.01Hz Lamp Flux:150223x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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	1463	1463	1463	1463	1463														
5	1452	1451	1448	1447	1443														
10	1403	1401	1393	1389	1380														
15	1304	1301	1289	1282	1268														
20	1149	1145	1131	1123	1105														
25	948	945	929	924	903														
30	726	722	709	705	688														
35	511	505	495	493	480														
40	331	327	320	318	309														
45	203	202	197	197	191														
50	125	125	124	123	122														
55	84.0	84.8	85.1	84.9	83.9														
60	58.3	60.1	61.0	60.7	59.6														
65	39.3	40.9	41.2	41.5	40.9														
70	25.4	26.5	26.5	26.9	26.4														
75	15.9	16.4	16.5	16.6	16.5														
80	8.61	8.92	8.89	8.93	8.92														
85	3.01	3.22	3.04	3.20	3.03														
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: