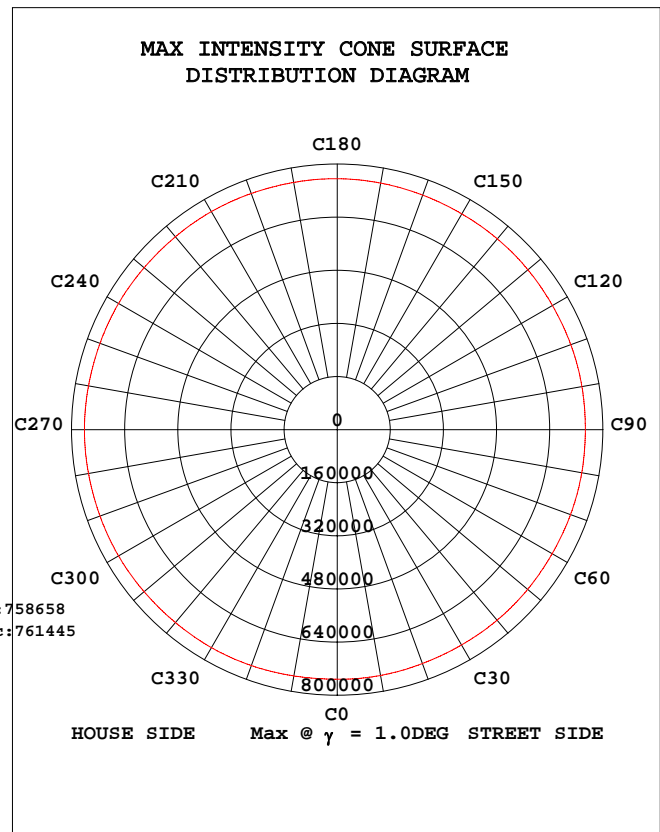
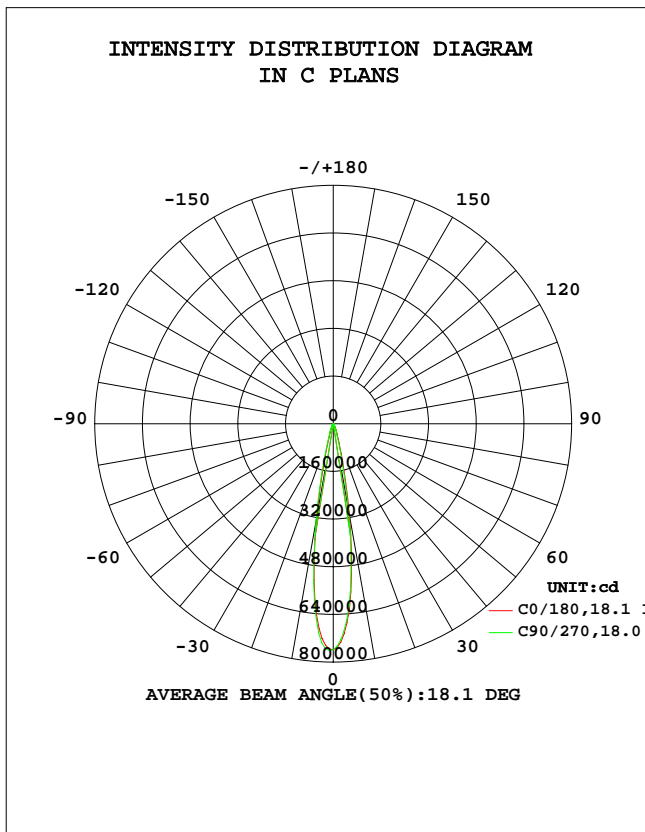


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 171.79 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	761445	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	48.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	102719	η house_up(%)	0.0
NOMINAL FLUX(lm)	102719	MAXIMUM @(C,γ )	270,1.0	η house_down(%)	51.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.268

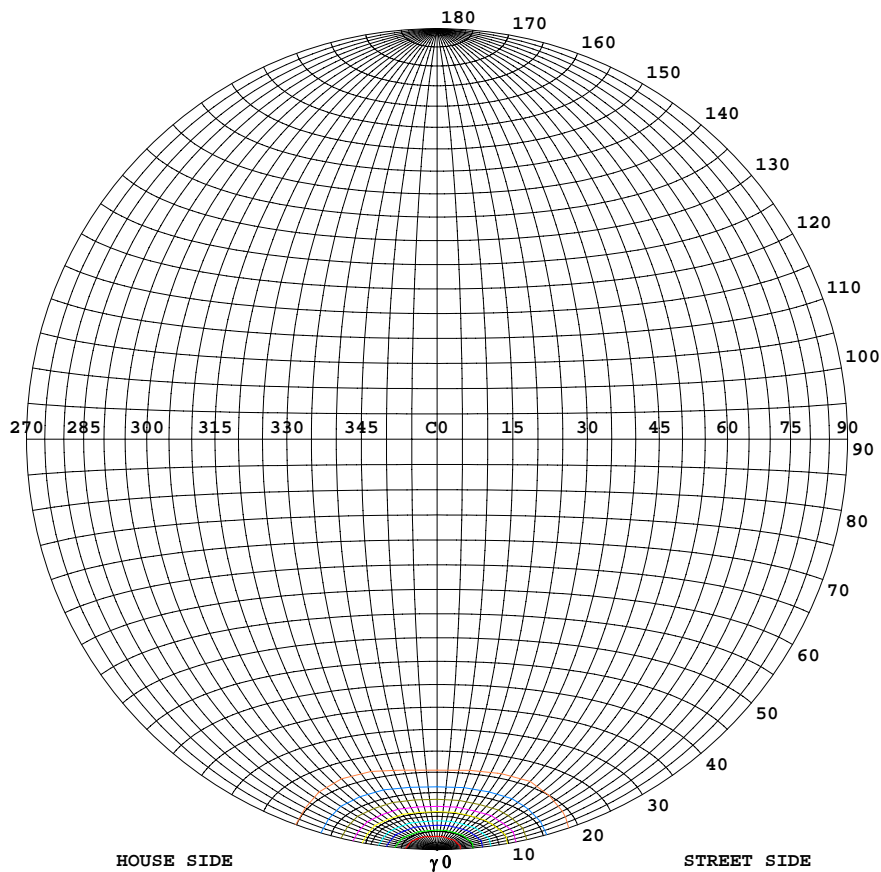


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-28

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:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



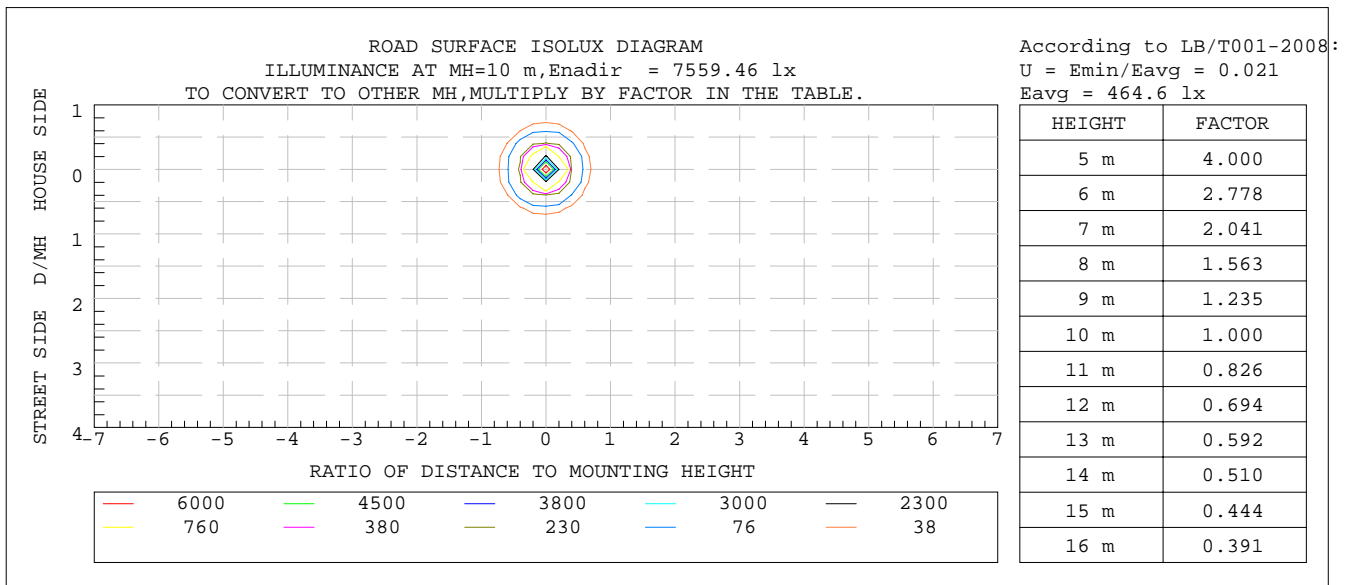
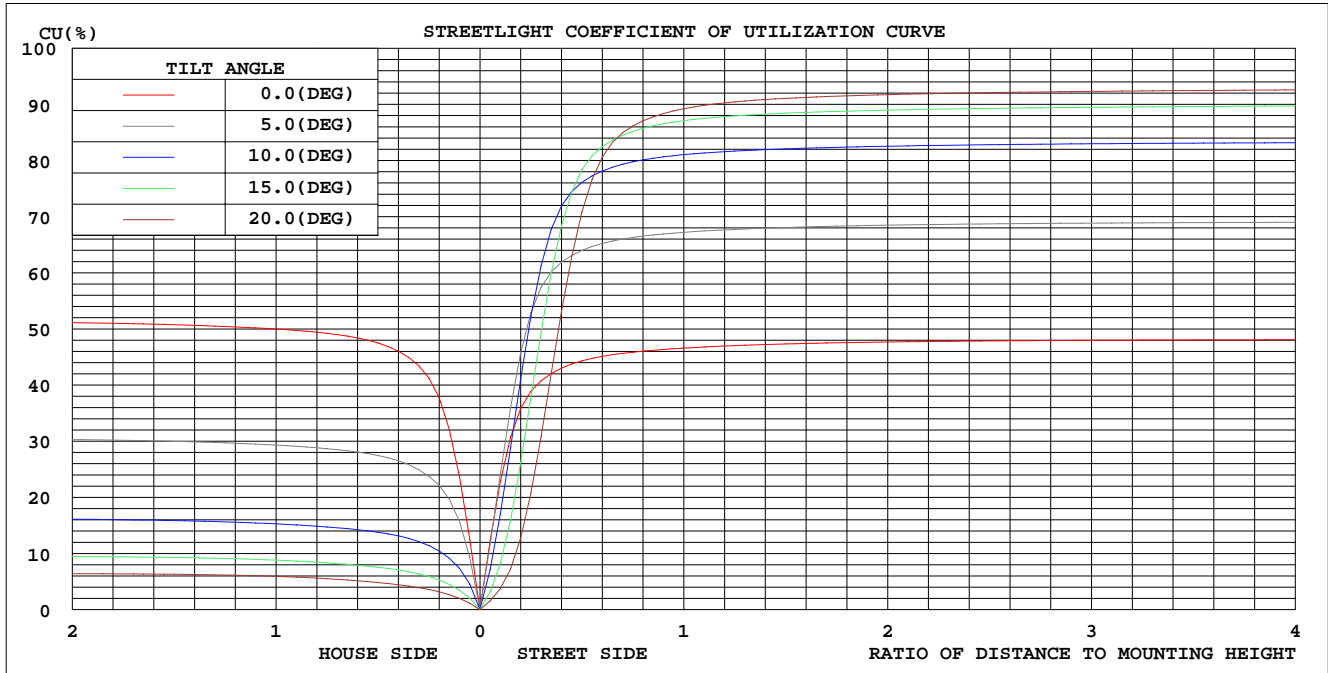
## Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:5.850cd/klm  
Max.At90:0cd/klm  
Max.80-90:5.850cd/klm  
NRB 5101:Limited[0.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	761445
90%	685300
80%	609156
70%	533011
60%	456867
50%	380722
40%	304578
30%	228433
20%	152289
10%	76144
5%	38072

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-28

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:

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: 2025-5-28

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:

## ZONAL FLUX DIAGRAM

Test:U:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

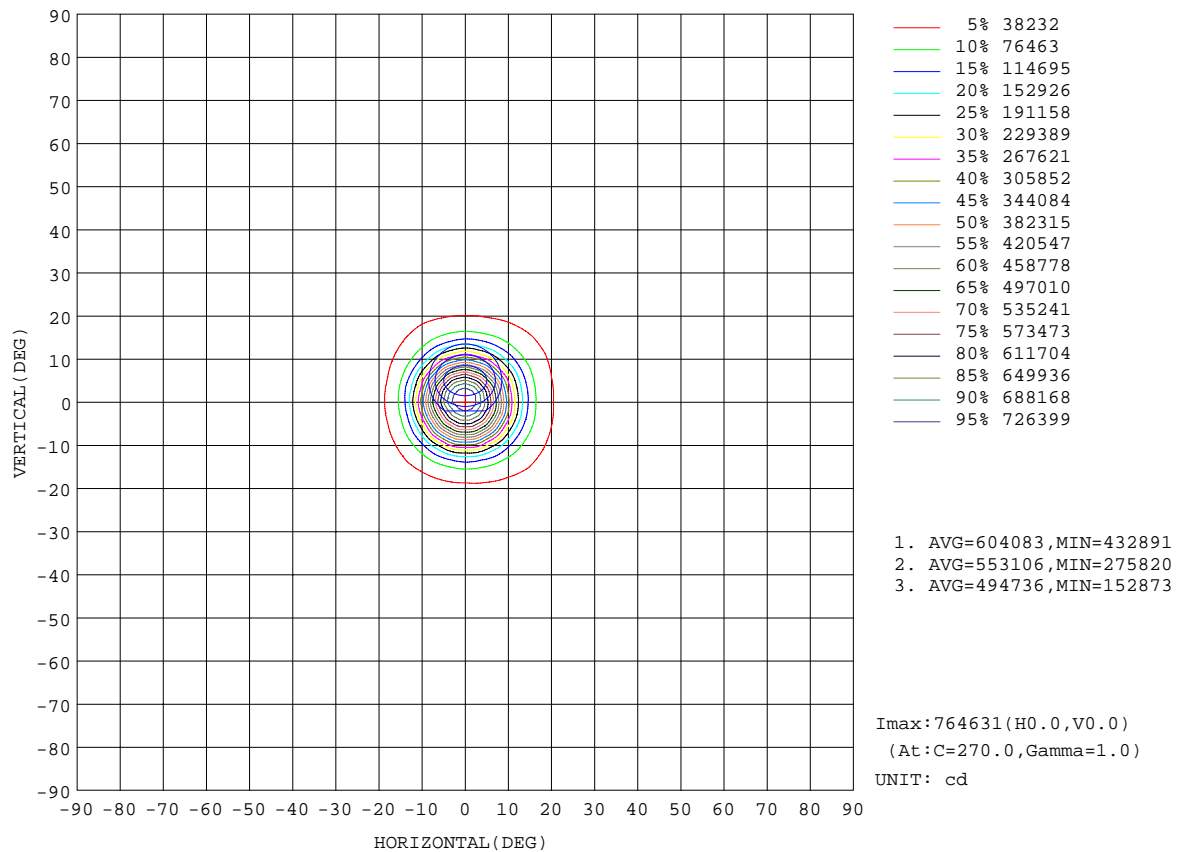
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	3130	3117	2961	3105	3243	3220	3343	3271	0- 10	49784	49784	48.5,48.5
20	403.3	430.0	311.9	340.3	305.6	388.6	388.8	472.0	10- 20	31413	81197	79.79
30	114.0	131.8	94.77	104.5	95.14	119.0	113.9	135.0	20- 30	9785	90983	88.6,88.6
40	41.58	48.12	38.47	41.64	38.34	44.72	42.31	49.85	30- 40	4350	95333	92.8,92.8
50	25.64	28.71	24.31	26.39	24.17	27.54	25.84	28.45	40- 50	2523	97856	95.3,95.3
60	21.06	21.09	19.42	19.24	18.99	20.22	20.72	21.23	50- 60	2035	99890	97.2,97.2
70	13.80	13.32	12.64	12.25	12.60	13.11	14.12	13.77	60- 70	1640	101530	98.8,98.8
80	5.395	5.115	4.774	4.739	5.014	5.428	6.009	5.696	70- 80	954.7	102485	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	233.8	102719	100,100
100	0	0	0	0	0	0	0	0	90-100	0	102719	100,100
110	0	0	0	0	0	0	0	0	100-110	0	102719	100,100
120	0	0	0	0	0	0	0	0	110-120	0	102719	100,100
130	0	0	0	0	0	0	0	0	120-130	0	102719	100,100
140	0	0	0	0	0	0	0	0	130-140	0	102719	100,100
150	0	0	0	0	0	0	0	0	140-150	0	102719	100,100
160	0	0	0	0	0	0	0	0	150-160	0	102719	100,100
170	0	0	0	0	0	0	0	0	160-170	0	102719	100,100
180	0	0	0	0	0	0	0	0	170-180	0	102719	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:2025-5-28

$\gamma$  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

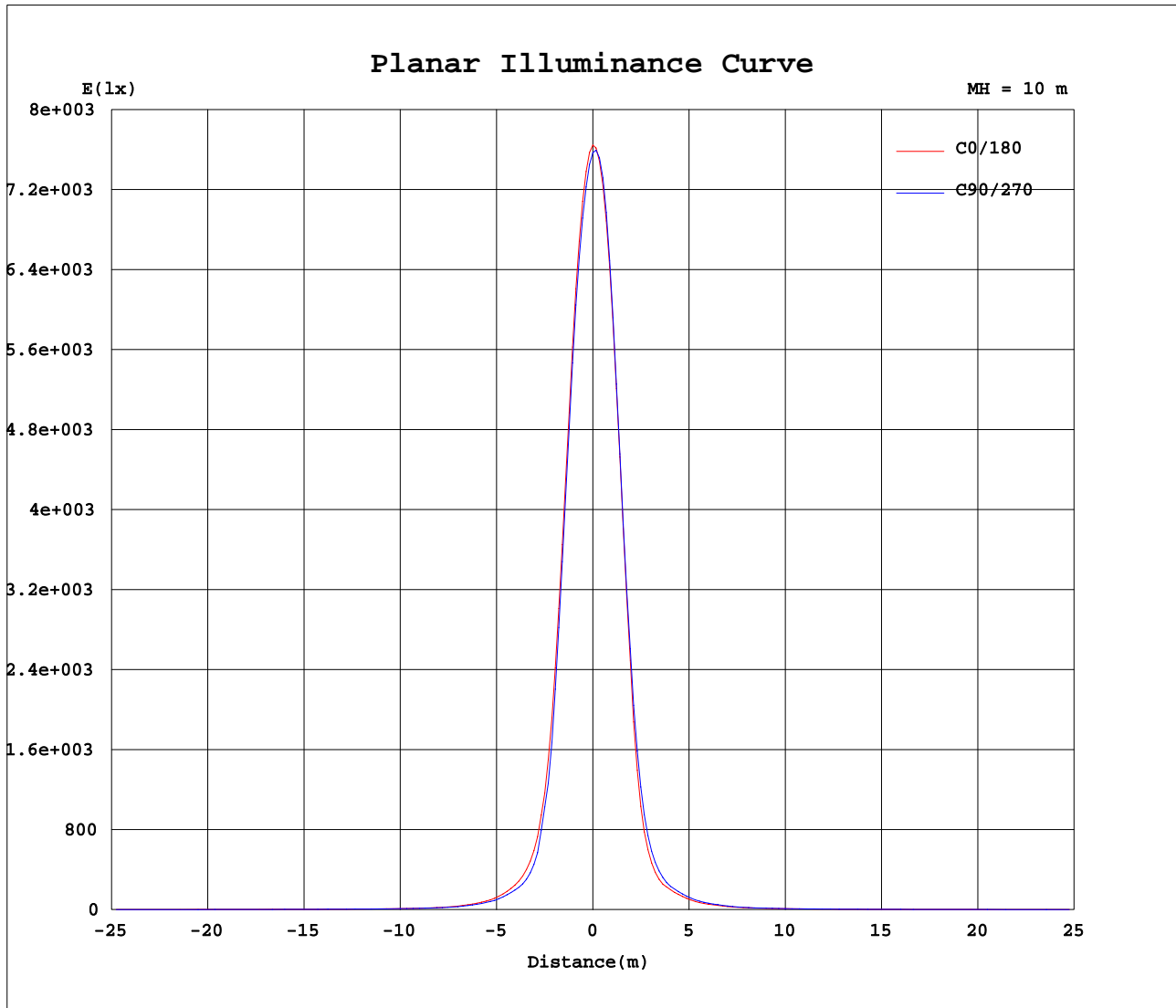
Test:U:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-28

$\gamma$  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



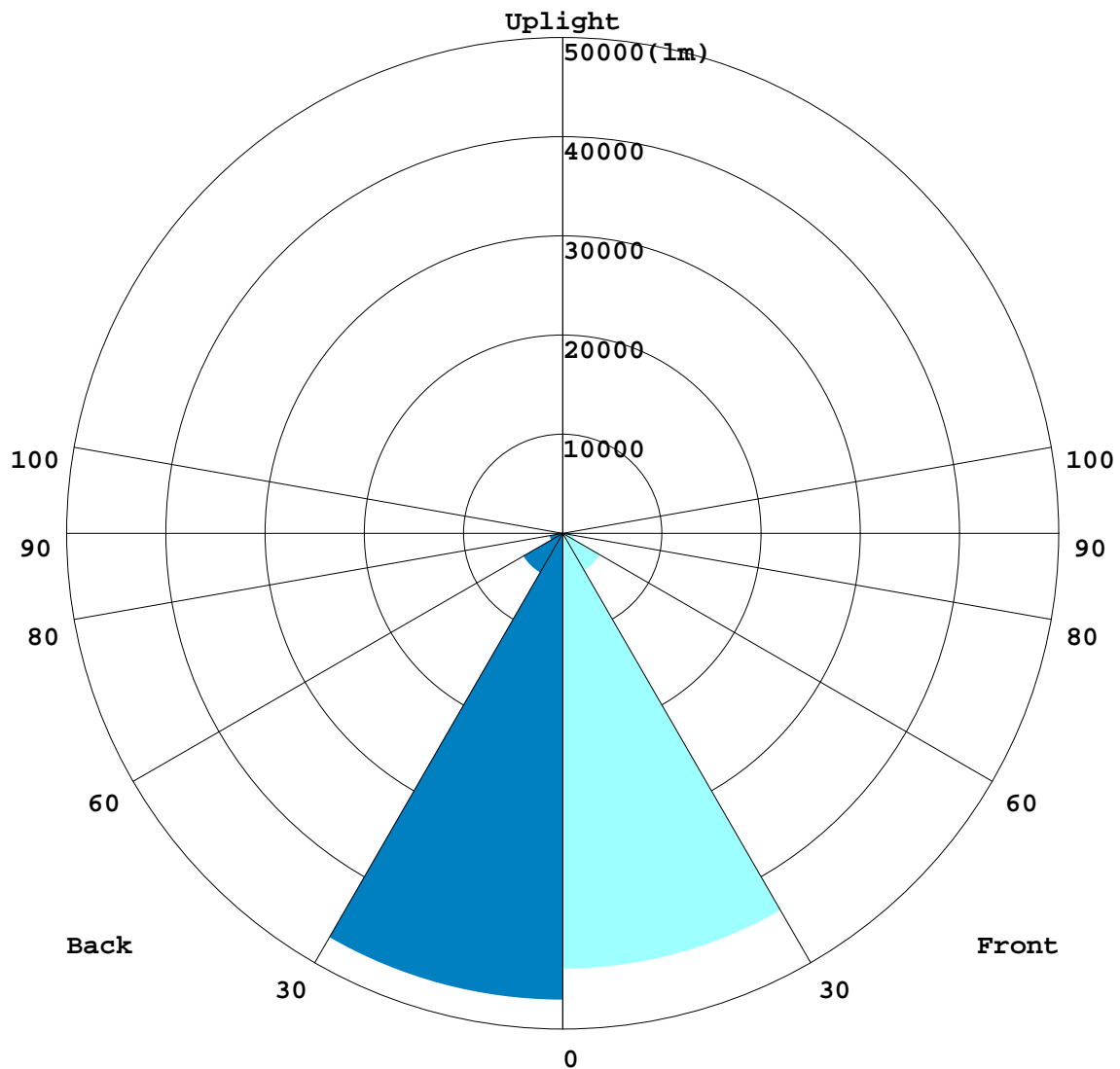
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2025-5-28

$\gamma$  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:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-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:2025-5-28

$\gamma$  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:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-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)	43930	42.8
FM - Front-Medium(30-60)	4337.3	4.2
FH - Front-High(60-80)	1266	1.2
FVH - Front-Very High(80-90)	104.87	0.1
Total Forward Light	49638	48.3

BL - Back-Low(0-30)	47053	45.8
BM - Back-Medium(30-60)	4570.2	4.4
BH - Back-High(60-80)	1329	1.3
BVH - Back-Very High(80-90)	128.97	0.1
Total Back Light	53081	51.7

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	53081	0	53081
Street Side	49638	0	49638

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-28

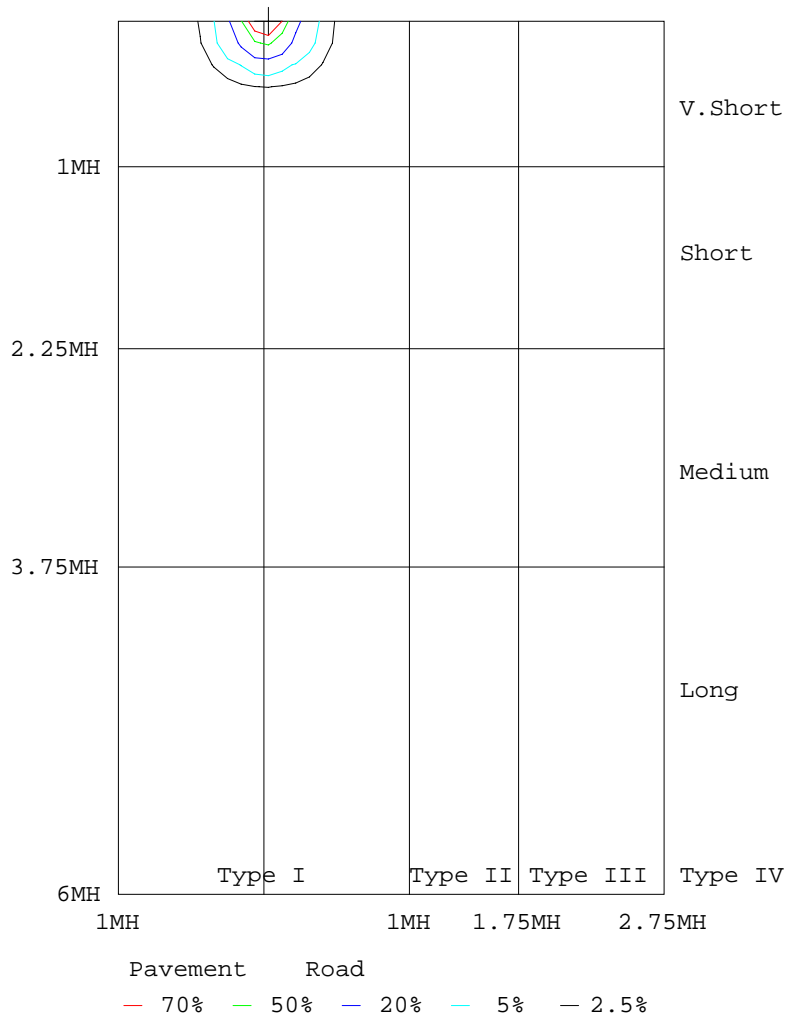
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
Humidity:65.0%  
Test Distance:7.682m [K=1.0000]  
Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-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:2025-5-28

$\gamma$  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:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587	7587
5	6231	6256	6178	6213	6128	6179	6130	6179	6136	6204	6192	6322	6447	6449	6541	6503	6586	6527	6580
10	3130	3155	3071	3117	2990	3091	2961	3079	2990	3105	3012	3127	3243	3194	3282	3220	3331	3255	3343
15	1042	1028	1031	999	987	872	885	840	903	866	897	830	857	940	927	992	1021	1008	1054
20	403	421	432	430	380	339	312	319	328	340	323	306	306	312	351	389	414	393	389
25	210	222	237	244	209	186	173	179	183	191	181	174	176	177	200	222	233	214	211
30	114	119	127	132	116	102	94.8	97.8	101	105	99.3	94.5	95.1	96.2	107	119	122	116	114
35	65.7	68.9	73.2	75.8	67.4	60.0	55.8	57.7	59.7	62.7	59.6	56.4	56.9	58.3	65.2	70.0	73.0	69.2	68.2
40	41.6	43.2	46.9	48.1	43.9	40.9	38.5	39.7	40.3	41.6	39.8	38.3	38.3	39.3	42.1	44.7	45.8	42.8	42.3
45	31.0	31.7	33.4	35.8	33.1	30.5	29.5	29.9	30.6	31.4	30.4	29.1	29.4	29.7	31.7	33.7	33.0	31.4	31.4
50	25.6	26.2	27.1	28.7	26.5	25.4	24.3	24.4	24.8	26.4	24.7	24.2	24.2	24.3	25.6	27.5	27.2	26.2	25.8
55	23.0	23.2	23.6	24.3	23.1	22.2	21.5	21.5	21.6	22.2	21.4	21.0	21.1	21.2	22.0	23.1	23.3	22.8	22.8
60	21.1	20.5	20.6	21.1	20.2	19.3	19.4	18.8	18.9	19.2	18.7	18.1	19.0	18.7	19.4	20.2	20.4	19.9	20.7
65	17.9	17.1	16.9	17.5	16.5	16.1	16.4	15.7	15.5	16.0	15.4	15.2	16.2	15.8	16.2	17.0	17.0	16.7	17.9
70	13.8	13.4	12.9	13.3	12.6	12.5	12.6	12.3	11.9	12.2	11.8	11.8	12.6	12.4	12.5	13.1	13.2	13.1	14.1
75	9.50	9.60	8.81	9.12	8.63	8.73	8.62	8.68	8.10	8.41	8.04	8.33	8.76	8.86	8.81	9.20	9.35	9.45	10.00
80	5.40	5.57	4.93	5.11	4.79	4.98	4.77	4.90	4.53	4.74	4.50	4.87	5.01	5.17	5.17	5.43	5.58	5.80	6.01
85	1.82	1.85	1.60	1.66	1.51	1.62	1.49	1.58	1.47	1.58	1.49	1.71	1.79	1.87	1.96	2.07	2.26	2.29	2.41
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:2025-5-28

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:219.1V I:2.738A P:597.9W PF:0.9967 Freq:50.01Hz Lamp Flux:102719x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-15D-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	7587	7587	7587	7587	7587														
5	6478	6491	6368	6386	6267														
10	3268	3351	3271	3318	3188														
15	1086	1128	1180	1141	1090														
20	397	444	472	471	427														
25	213	242	256	255	223														
30	117	128	135	134	122														
35	69.7	76.8	80.2	79.0	69.7														
40	43.4	47.2	49.8	49.0	43.9														
45	32.0	33.7	36.3	34.8	31.8														
50	26.3	27.5	28.5	27.7	26.3														
55	23.0	23.5	24.1	23.8	23.0														
60	20.4	20.7	21.2	21.1	20.3														
65	17.2	17.3	17.9	17.5	16.9														
70	13.7	13.5	13.8	13.5	13.2														
75	9.97	9.57	9.64	9.48	9.41														
80	5.95	5.72	5.70	5.56	5.56														
85	2.31	2.31	2.17	2.10	2.01														
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:2025-5-28

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