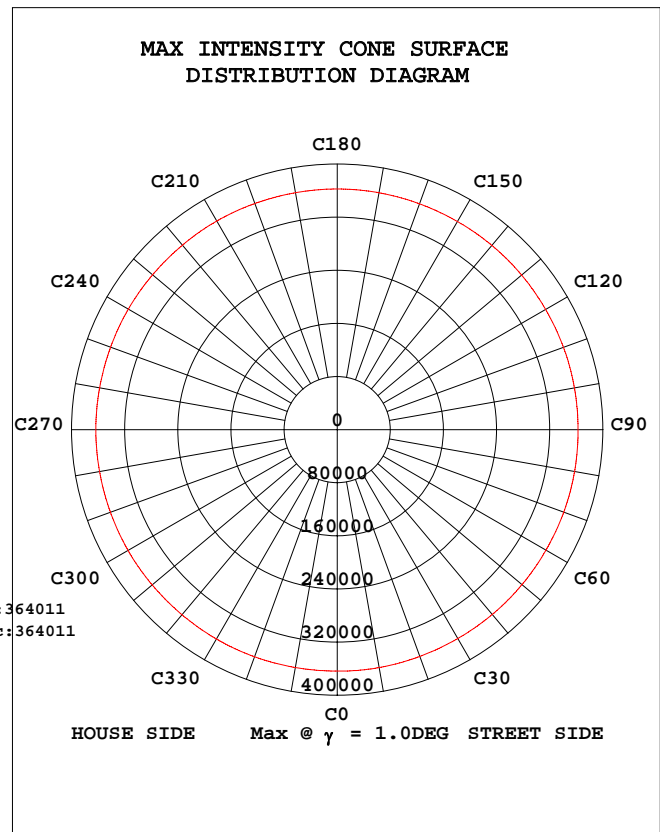
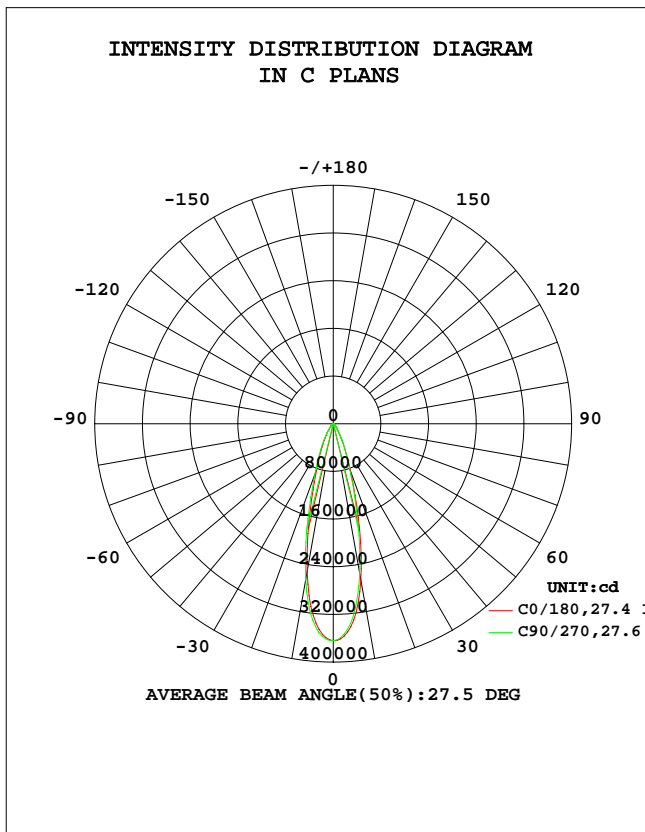


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 191.01 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	364031	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	48.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	117323	η house_up(%)	0.0
NOMINAL FLUX(lm)	117323	MAXIMUM @(C,γ )	330,1.0	η house_down(%)	51.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.610

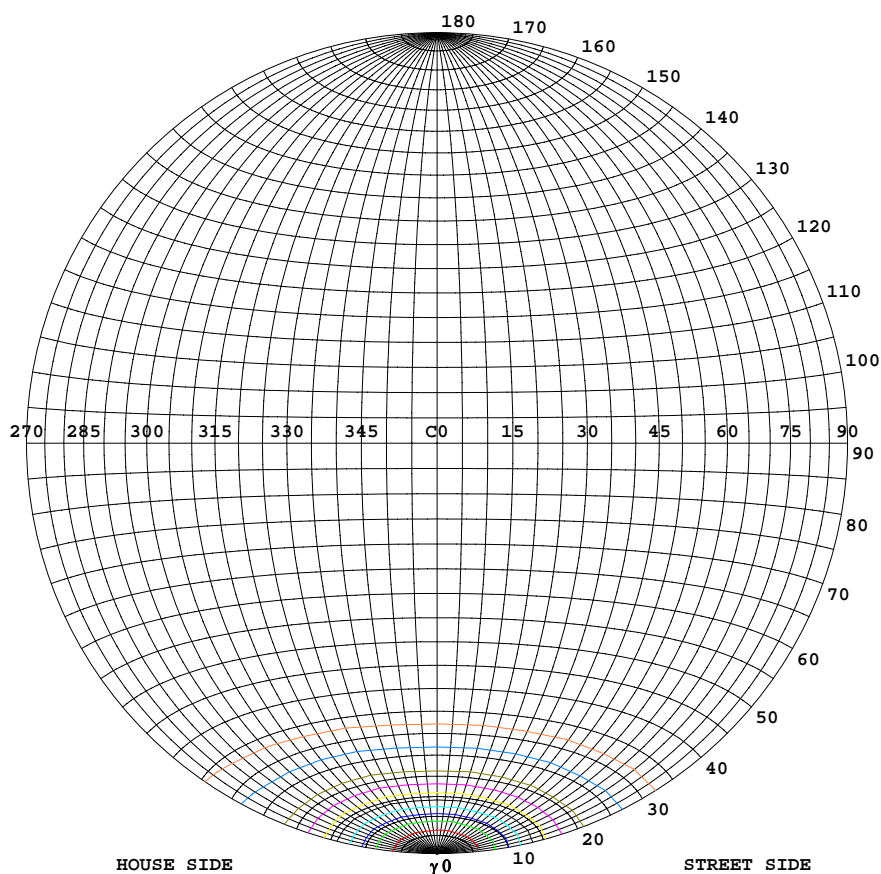


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-6-1

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:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



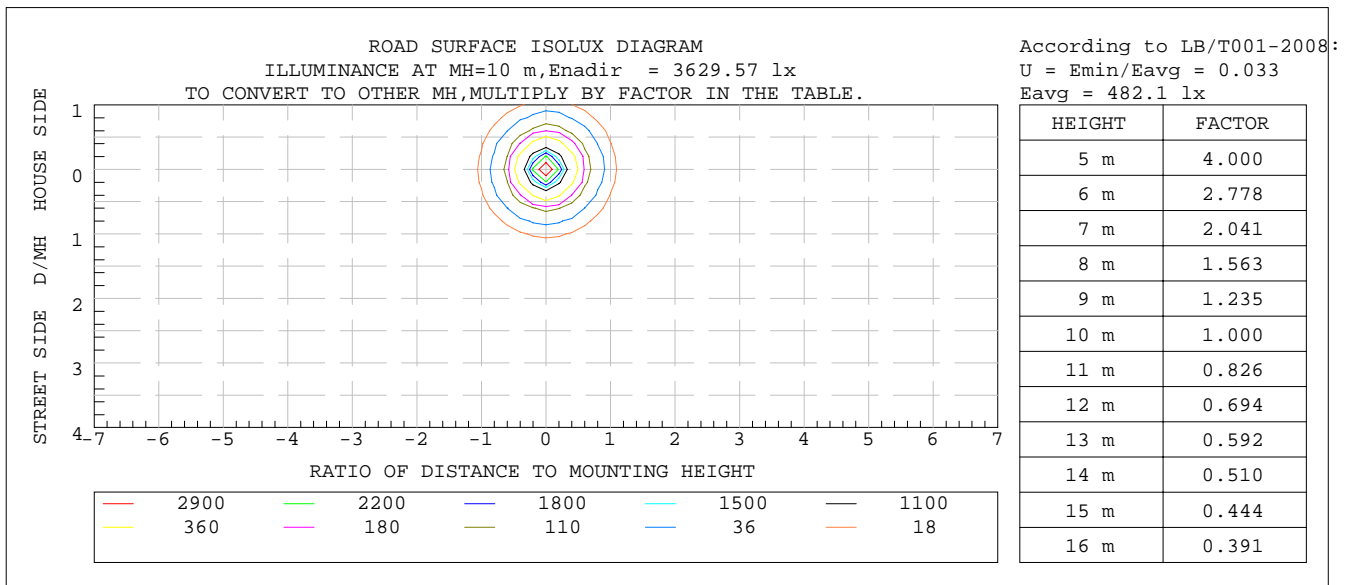
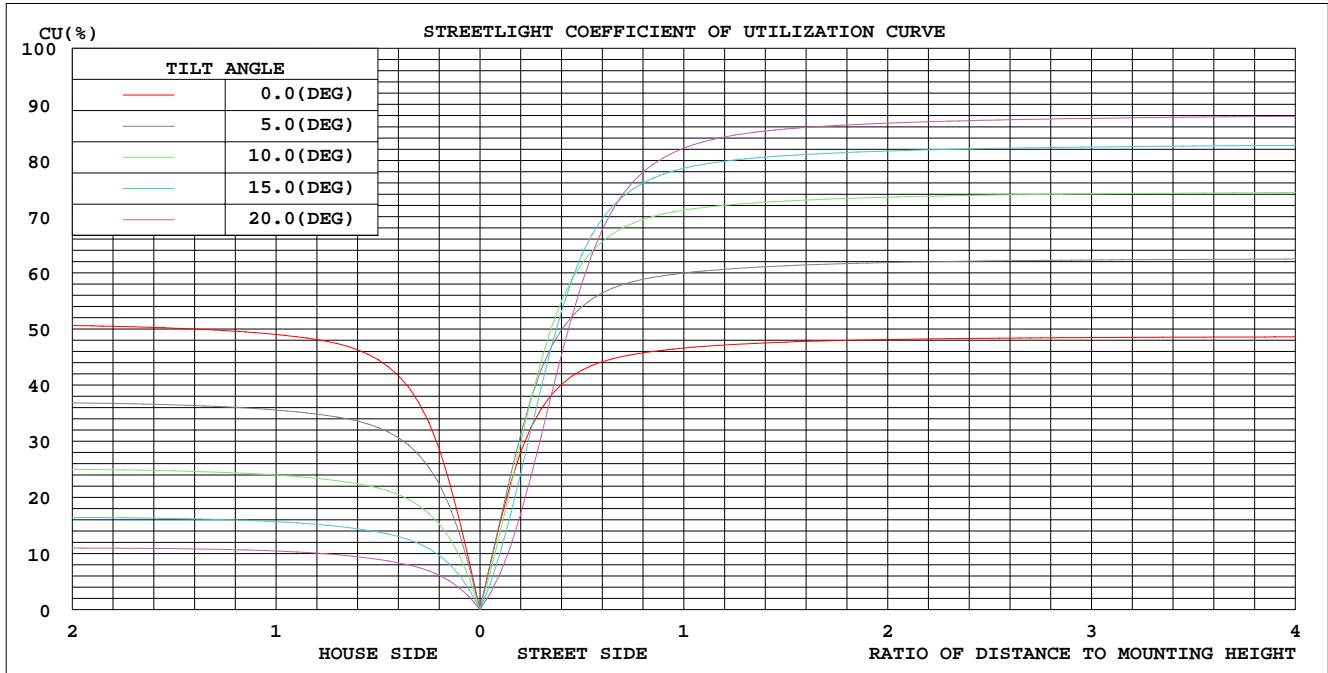
## Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:6.109cd/klm  
Max.At90:0cd/klm  
Max.80-90:6.109cd/klm  
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	364031
90%	327628
80%	291225
70%	254822
60%	218419
50%	182016
40%	145612
30%	109209
20%	72806
10%	36403
5%	18202

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:

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  
 $\gamma$  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:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

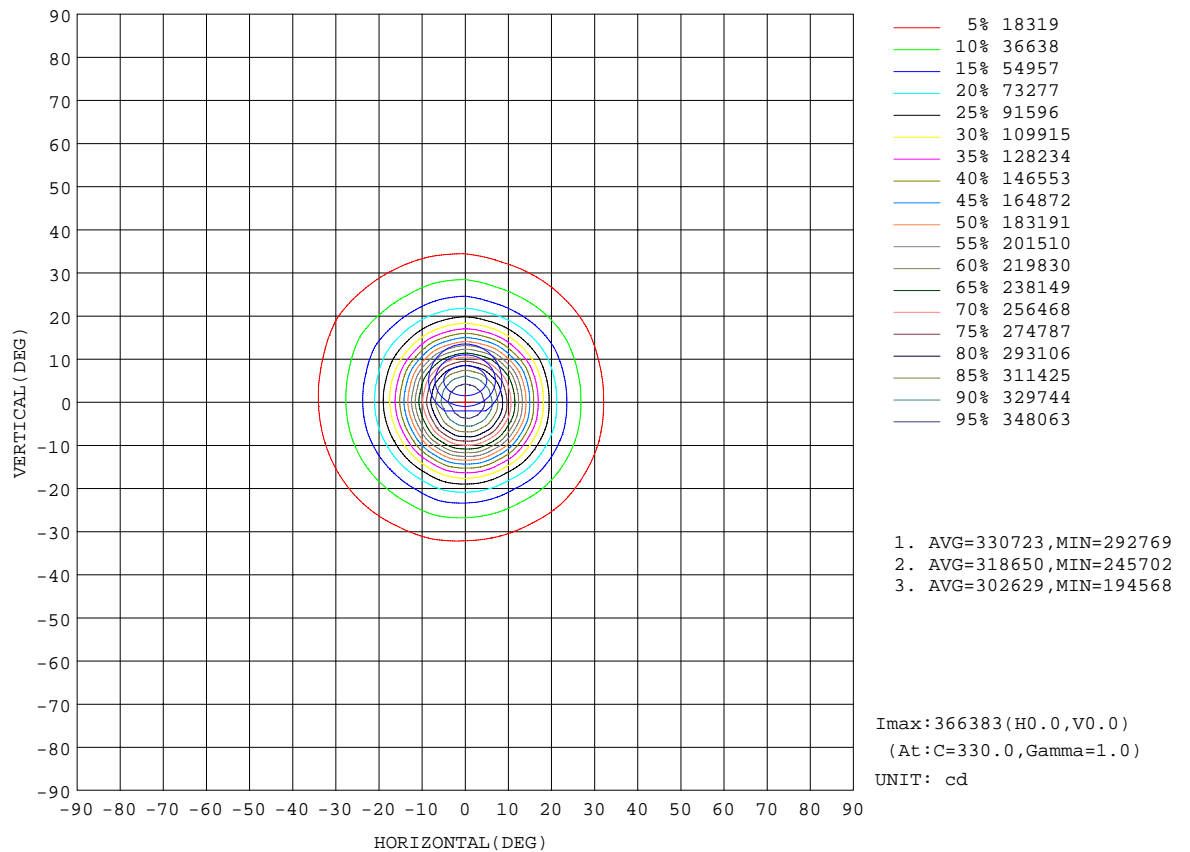
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	2672	2629	2557	2533	2522	2580	2657	2684	0- 10	29824	29824	25.4,25.4
20	843.3	830.3	810.4	786.3	814.3	850.5	895.7	881.1	10- 20	43351	73175	62.4,62.4
30	239.5	240.3	242.5	256.3	282.7	297.5	307.9	262.1	20- 30	22383	95558	81.4,81.4
40	81.37	83.04	80.25	82.80	93.25	99.09	92.70	81.77	30- 40	9632	105190	89.7,89.7
50	45.61	45.47	46.90	47.70	50.19	50.51	51.09	47.03	40- 50	4823	110013	93.8,93.8
60	31.03	29.24	31.22	30.35	32.61	31.41	33.15	30.09	50- 60	3464	113477	96.7,96.7
70	18.00	17.03	17.70	17.01	17.67	17.49	18.53	17.39	60- 70	2328	115805	98.7,98.7
80	7.078	6.457	6.525	6.085	6.315	6.498	7.168	6.816	70- 80	1239	117044	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	279.3	117323	100,100
100	0	0	0	0	0	0	0	0	90-100	0	117323	100,100
110	0	0	0	0	0	0	0	0	100-110	0	117323	100,100
120	0	0	0	0	0	0	0	0	110-120	0	117323	100,100
130	0	0	0	0	0	0	0	0	120-130	0	117323	100,100
140	0	0	0	0	0	0	0	0	130-140	0	117323	100,100
150	0	0	0	0	0	0	0	0	140-150	0	117323	100,100
160	0	0	0	0	0	0	0	0	150-160	0	117323	100,100
170	0	0	0	0	0	0	0	0	160-170	0	117323	100,100
180	0	0	0	0	0	0	0	0	170-180	0	117323	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

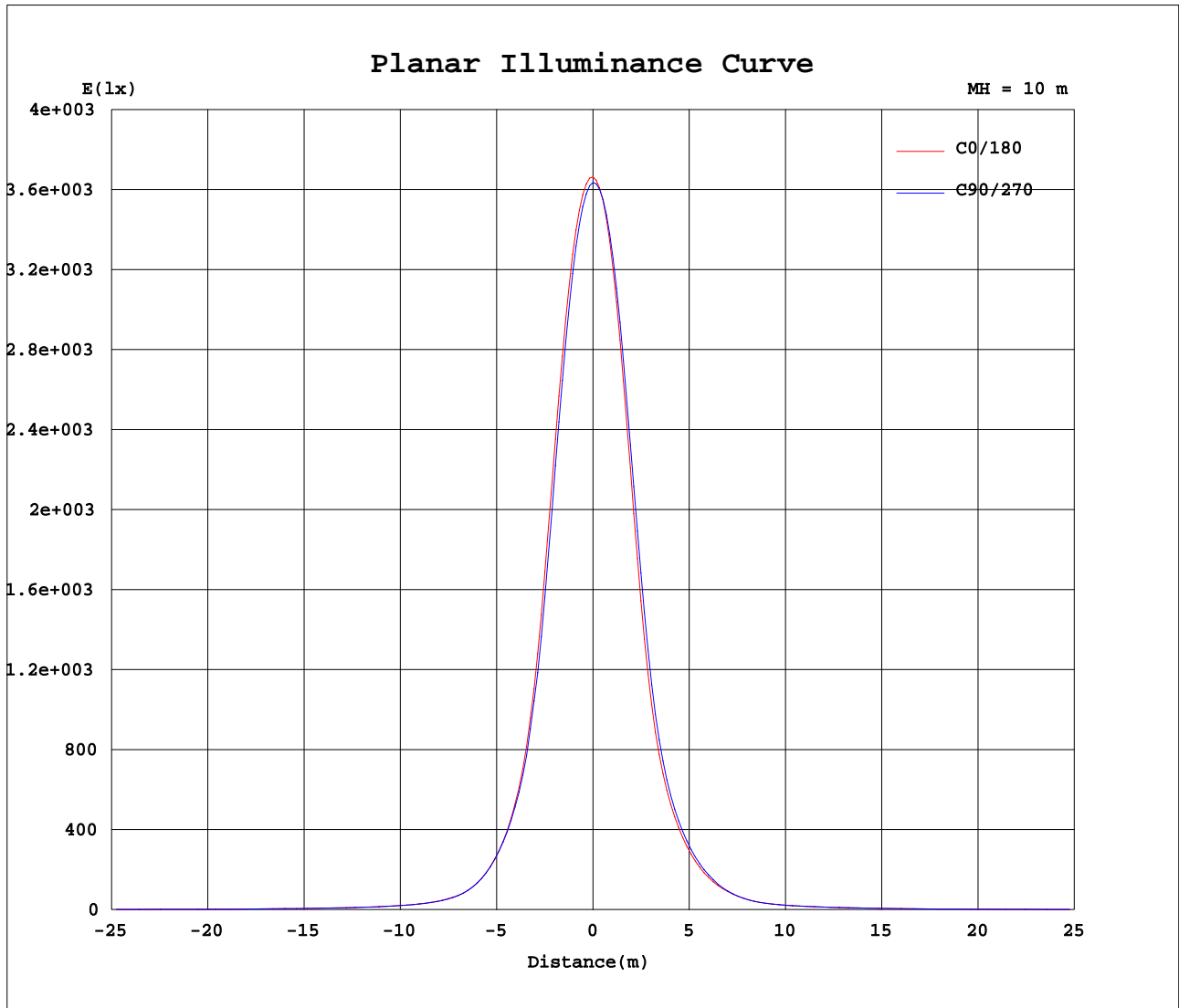
Test:U:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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

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:

## Planar Illuminance Curve



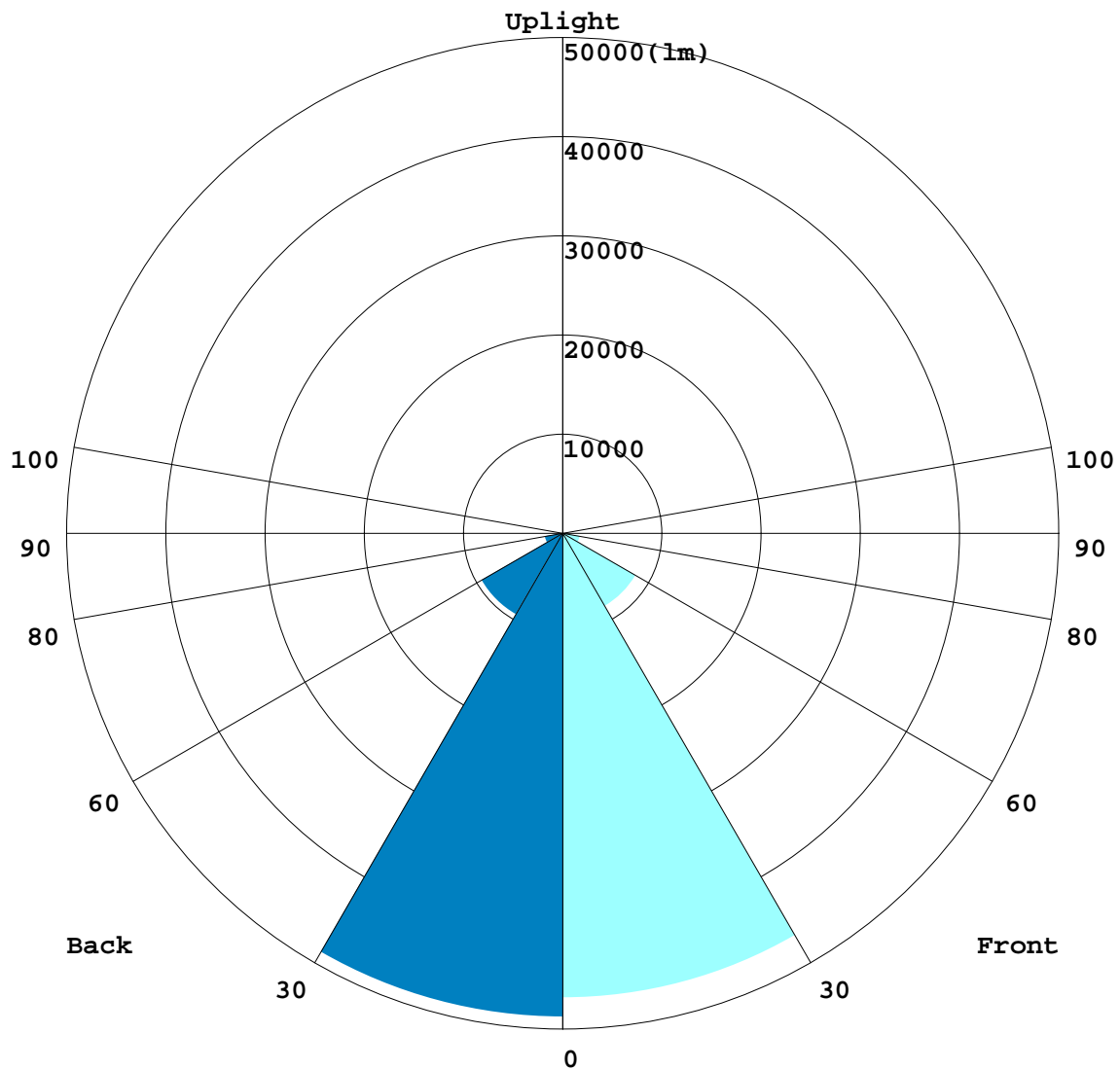
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2025-6-1

$\gamma$  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:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-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:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-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)	46818	39.9
FM - Front-Medium(30-60)	8479.6	7.2
FH - Front-High(60-80)	1752.7	1.5
FVH - Front-Very High(80-90)	133.55	0.1
Total Forward Light	57184	48.7

BL - Back-Low(0-30)	48740	41.5
BM - Back-Medium(30-60)	9439.4	8.0
BH - Back-High(60-80)	1814.4	1.5
BVH - Back-Very High(80-90)	145.76	0.1
Total Back Light	60139	51.3

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	60139	0	60139
Street Side	57184	0	57184

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

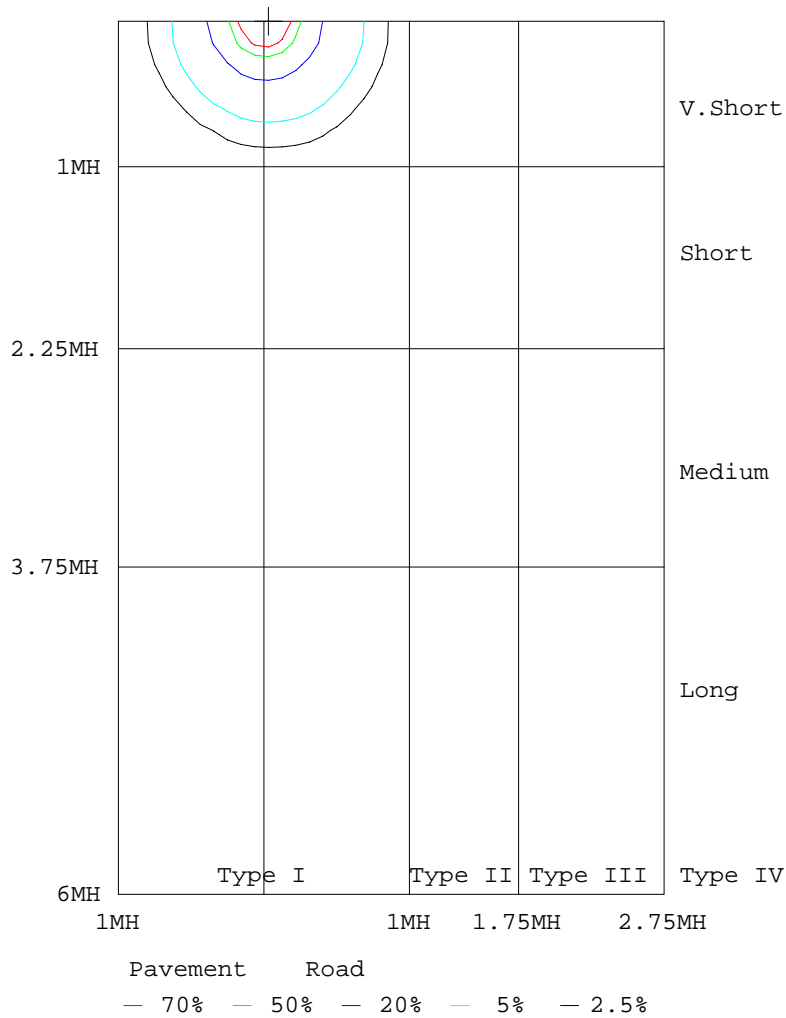
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-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:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-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	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640
5	3415	3420	3398	3400	3377	3379	3360	3366	3348	3353	3331	3339	3356	3349	3374	3374	3401	3397	3418
10	2672	2684	2640	2629	2592	2589	2557	2566	2531	2533	2492	2500	2522	2516	2572	2580	2622	2626	2657
15	1626	1645	1592	1591	1531	1546	1517	1530	1480	1486	1449	1471	1489	1490	1550	1557	1609	1603	1647
20	843	861	841	830	791	809	810	821	784	786	789	808	814	819	855	850	870	877	896
25	455	464	456	451	430	445	456	469	446	450	465	480	481	489	518	501	503	519	526
30	240	247	236	240	228	241	243	256	247	256	267	281	283	291	313	298	296	309	308
35	129	130	128	129	125	128	129	135	135	142	149	158	164	170	183	174	173	175	170
40	81.4	83.1	82.4	83.0	81.0	81.5	80.3	81.7	80.2	82.8	85.8	90.1	93.3	96.7	104	99.1	97.6	96.1	92.7
45	57.6	58.5	58.3	59.1	57.8	58.1	58.4	59.1	58.4	59.5	60.9	62.4	62.6	63.8	66.6	64.7	64.0	64.3	63.9
50	45.6	45.5	45.0	45.5	44.7	45.6	46.9	47.5	46.7	47.7	48.4	49.4	50.2	50.1	51.3	50.5	50.4	50.9	51.1
55	38.3	36.6	36.0	36.6	35.9	37.0	39.1	38.5	37.8	38.8	38.6	39.5	41.6	39.9	40.4	40.5	40.3	40.5	41.8
60	31.0	29.2	28.4	29.2	28.5	29.4	31.2	30.2	29.5	30.3	29.7	30.5	32.6	31.0	31.0	31.4	31.3	31.2	33.2
65	24.0	23.0	22.3	22.9	22.3	22.8	23.8	23.1	22.6	23.3	22.7	23.4	24.4	23.7	23.7	24.0	24.0	23.9	25.1
70	18.0	17.2	16.5	17.0	16.4	17.0	17.7	17.1	16.5	17.0	16.5	17.3	17.7	17.3	17.3	17.5	17.5	17.7	18.5
75	12.4	11.8	11.2	11.6	11.1	11.5	11.9	11.5	11.0	11.3	11.0	11.5	11.7	11.6	11.6	11.7	11.8	12.1	12.6
80	7.08	6.69	6.21	6.46	6.14	6.39	6.53	6.30	5.94	6.08	5.84	6.20	6.31	6.30	6.38	6.50	6.69	6.85	7.17
85	2.48	2.40	2.05	2.27	2.03	2.23	2.06	2.02	1.83	1.85	1.71	1.86	1.96	1.94	2.17	2.12	2.41	2.40	2.61
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:219.1V I:2.812A P:614.2W PF:0.9969 Freq:50.01Hz Lamp Flux:117323x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-A5-00-4070-30D-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	3640	3640	3640	3640	3640														
5	3411	3430	3424	3439	3429														
10	2655	2700	2684	2719	2690														
15	1628	1665	1656	1698	1658														
20	864	873	881	898	867														
25	487	481	485	491	467														
30	277	270	262	264	248														
35	152	145	137	136	130														
40	85.4	83.2	81.8	82.6	81.1														
45	60.3	59.4	59.0	58.9	57.8														
50	48.3	47.3	47.0	46.6	45.7														
55	39.3	38.4	38.1	37.5	36.9														
60	30.7	30.2	30.1	29.4	29.4														
65	23.6	23.5	23.4	23.1	23.1														
70	17.6	17.5	17.4	17.2	17.4														
75	12.1	12.1	11.9	11.8	11.9														
80	6.88	6.96	6.82	6.77	6.75														
85	2.47	2.58	2.44	2.54	2.36														
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: