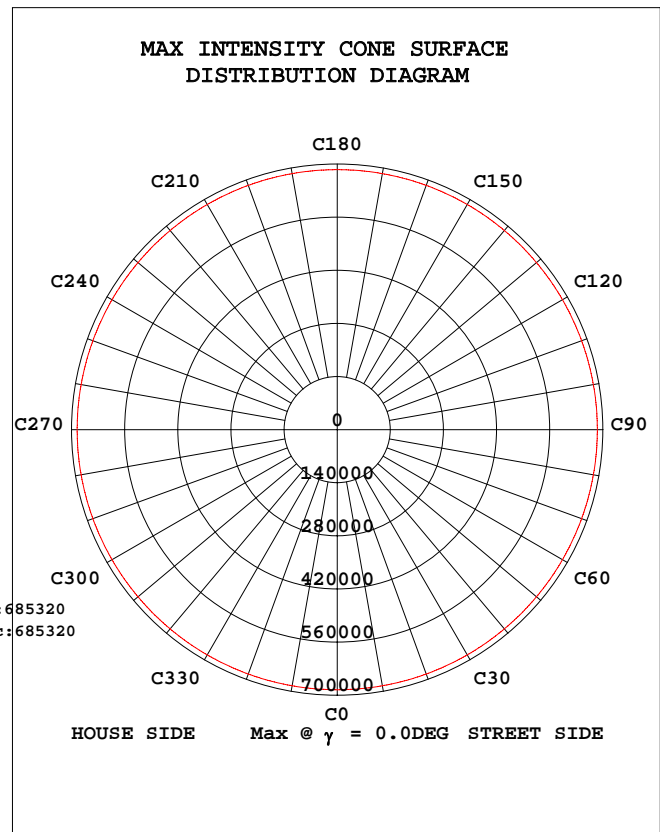
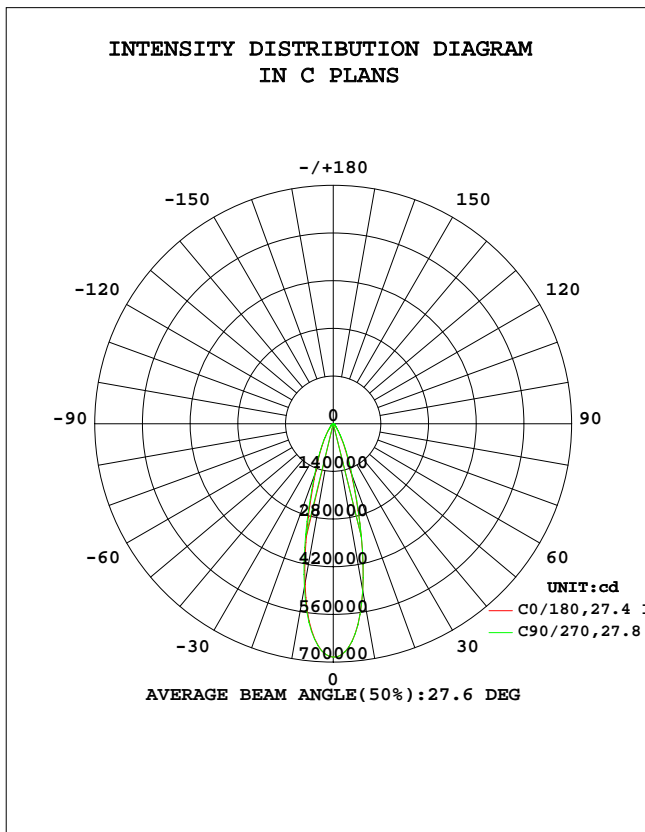


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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: 183.24 lm/W			
MODEL	5050	I _{max} (cd)	685320	η street_up(%)	0.0
NOMINAL POWER(W)	1200	LOR(%)	100.0	η street_down(%)	50.1
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	219722	η house_up(%)	0.0
NOMINAL FLUX(lm)	219722	MAXIMUM @(C,γ)	300,0.0	η house_down(%)	49.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.446

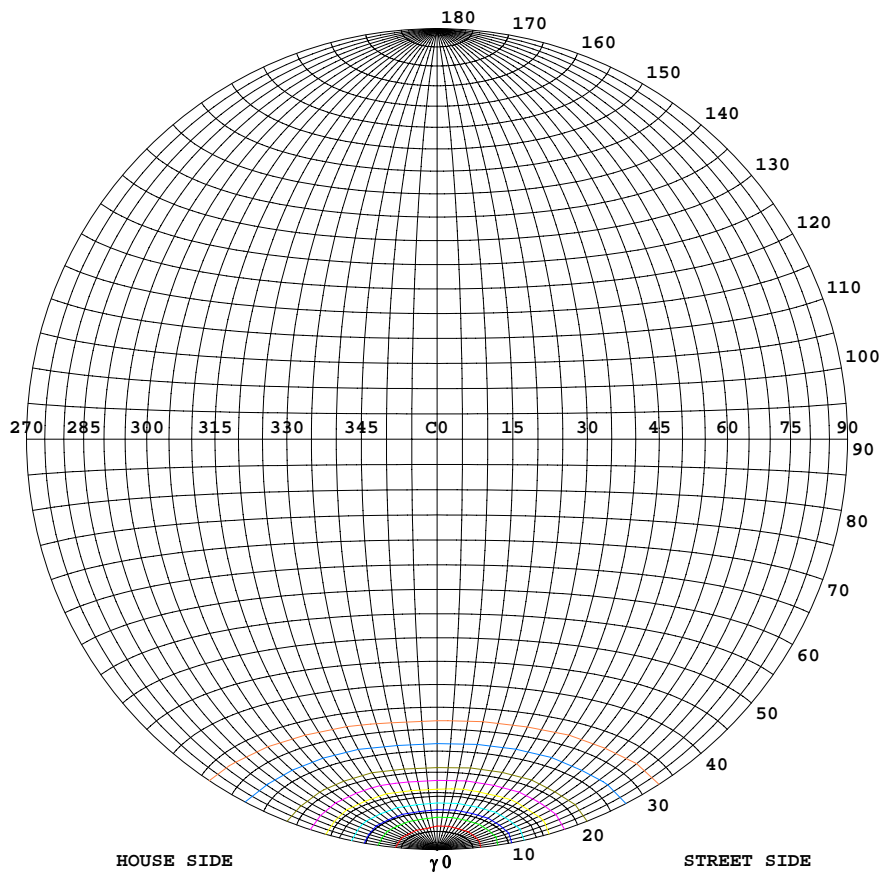


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-30

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:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



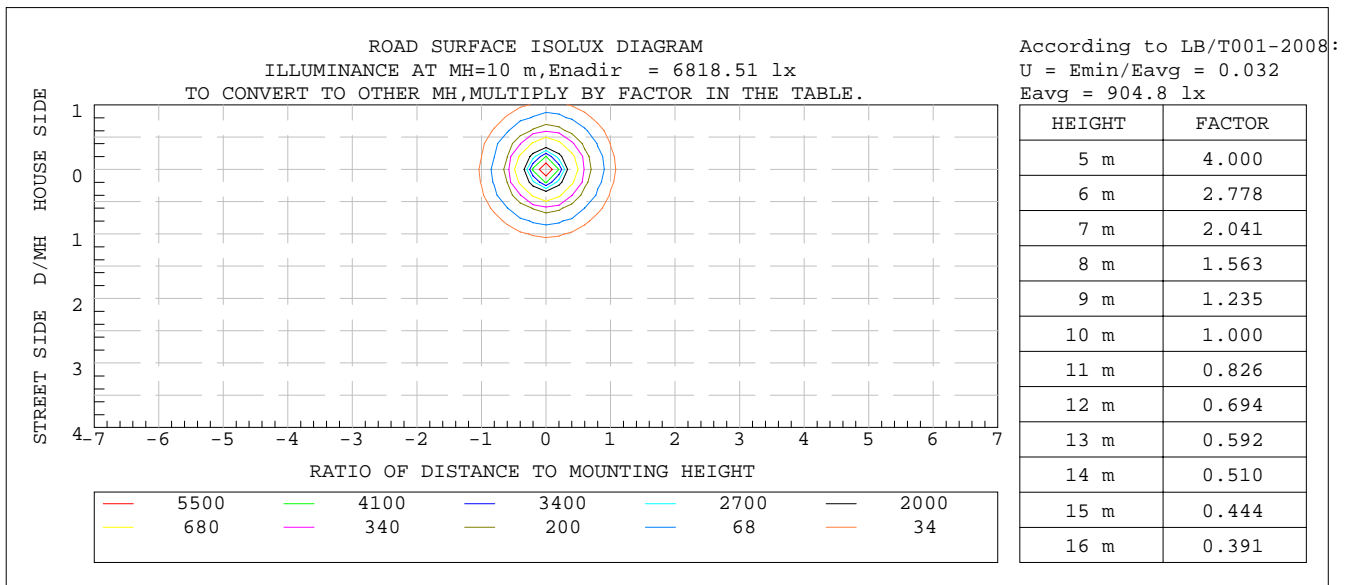
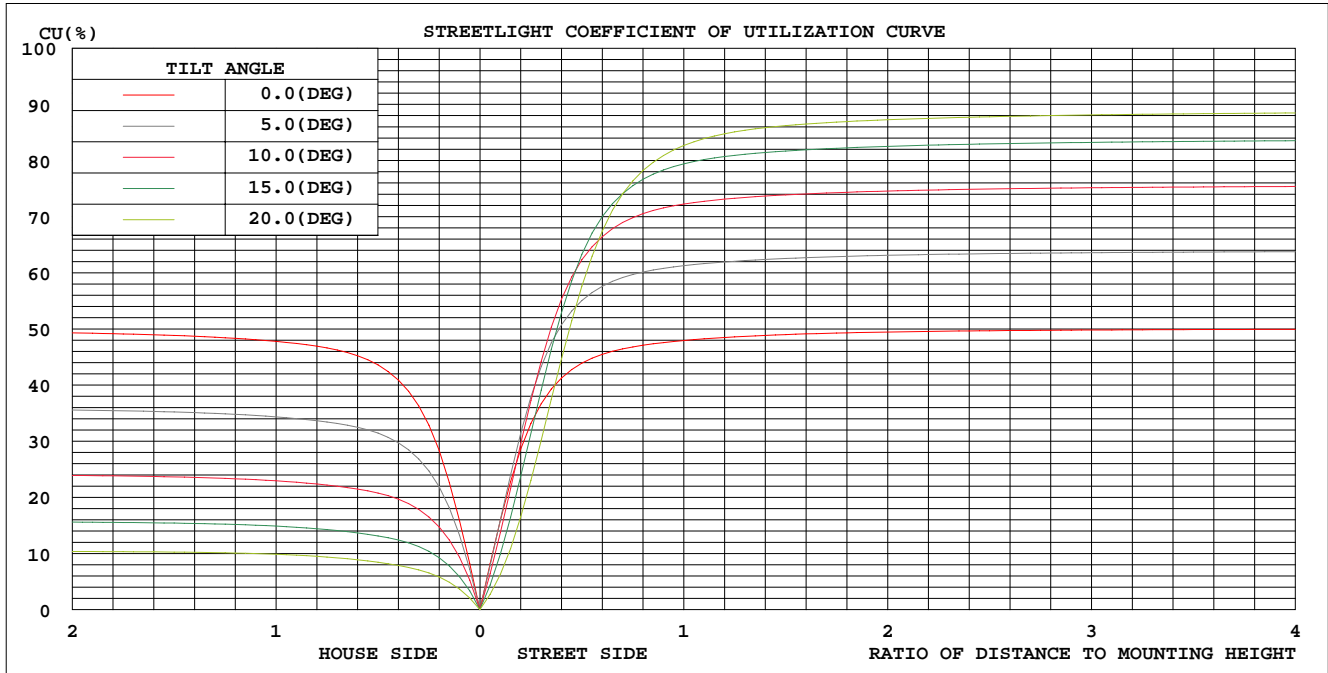
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:5.858cd/klm
Max.At90:0cd/klm
Max.80-90:5.858cd/klm
NRB 5101:Limited[0.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	685320
90%	616788
80%	548256
70%	479724
60%	411192
50%	342660
40%	274128
30%	205596
20%	137064
10%	68532
5%	34266

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-30

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: 2025-5-30

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:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

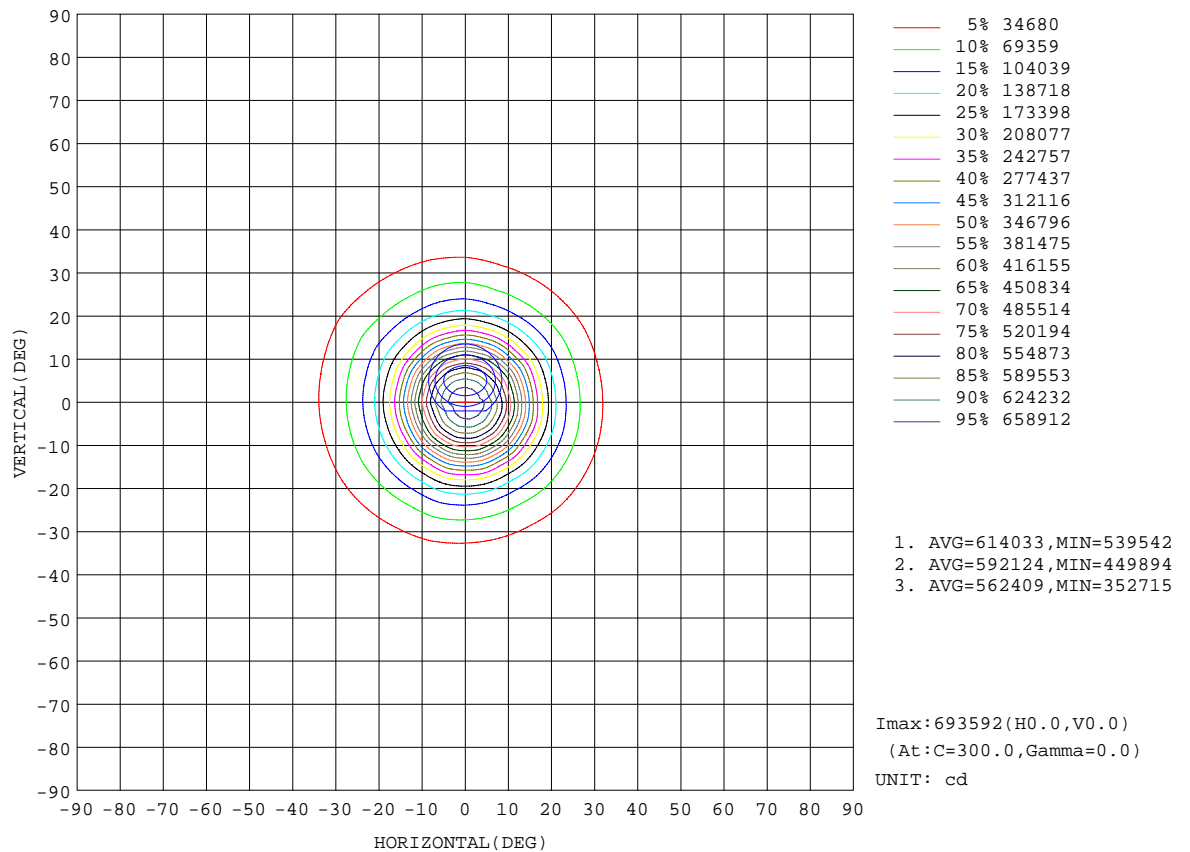
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4988	5061	4990	4920	4785	4792	4881	4929	0- 10	56166	56166	25.6,25.6
20	1555	1621	1626	1551	1536	1549	1608	1573	10- 20	81930	138096	62.9,62.9
30	440.4	458.0	492.8	500.7	528.6	530.2	538.3	460.3	20- 30	41860	179956	81.9,81.9
40	146.4	152.6	152.0	157.8	173.3	173.3	160.1	142.2	30- 40	17709	197665	90,90
50	81.89	83.95	87.18	88.30	91.08	89.97	89.72	82.49	40- 50	8709	206373	93.9,93.9
60	56.11	54.47	58.84	57.11	60.05	56.80	58.71	53.80	50- 60	6285	212658	96.8,96.8
70	32.59	31.99	33.58	32.33	32.71	31.56	32.64	31.00	60- 70	4275	216933	98.7,98.7
80	12.48	12.57	12.87	12.10	11.65	11.42	12.05	11.74	70- 80	2276	219208	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	513.6	219722	100,100
100	0	0	0	0	0	0	0	0	90-100	0	219722	100,100
110	0	0	0	0	0	0	0	0	100-110	0	219722	100,100
120	0	0	0	0	0	0	0	0	110-120	0	219722	100,100
130	0	0	0	0	0	0	0	0	120-130	0	219722	100,100
140	0	0	0	0	0	0	0	0	130-140	0	219722	100,100
150	0	0	0	0	0	0	0	0	140-150	0	219722	100,100
160	0	0	0	0	0	0	0	0	150-160	0	219722	100,100
170	0	0	0	0	0	0	0	0	160-170	0	219722	100,100
180	0	0	0	0	0	0	0	0	170-180	0	219722	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:2025-5-30

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:

ISOCANDELA DIAGRAM

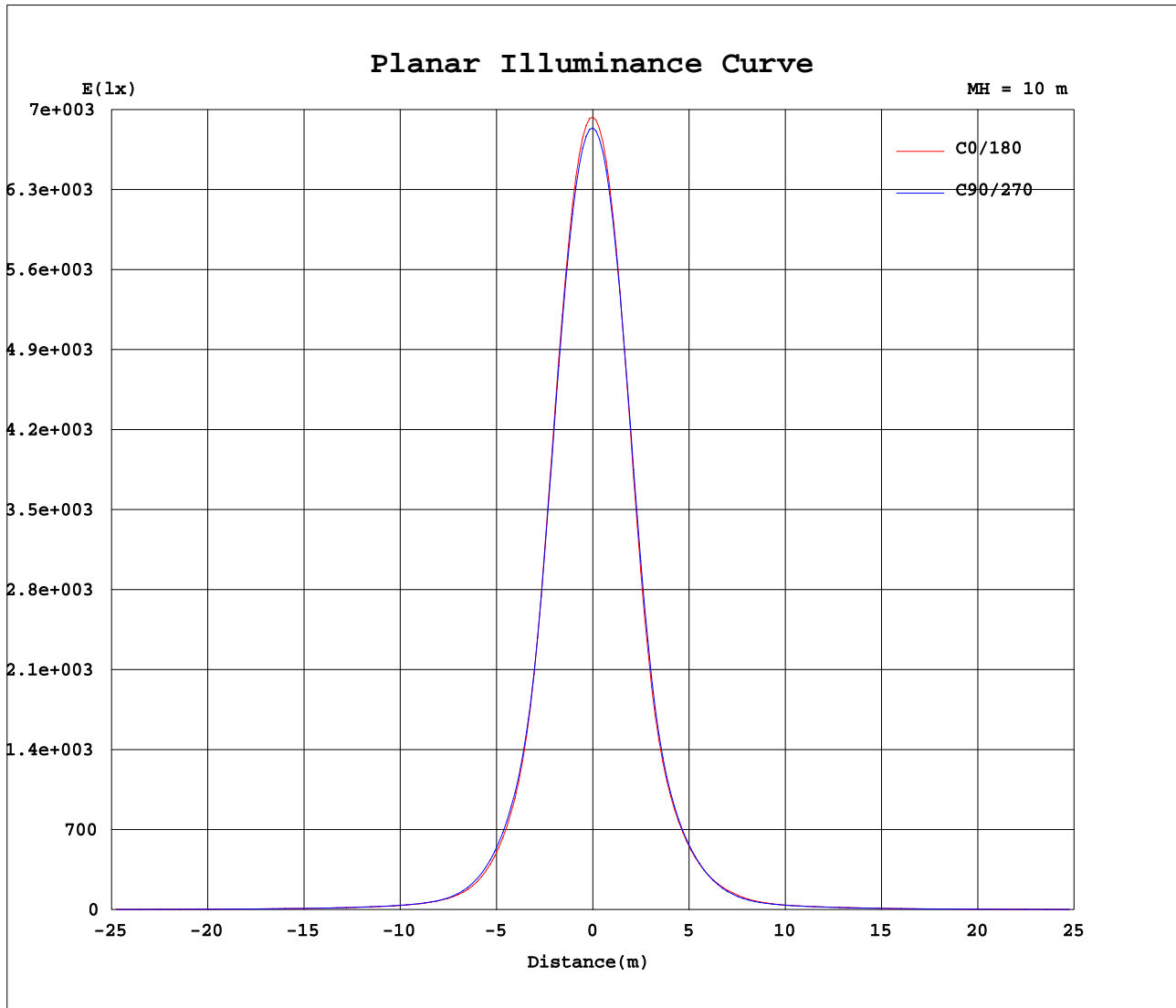
Test:U:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-30

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



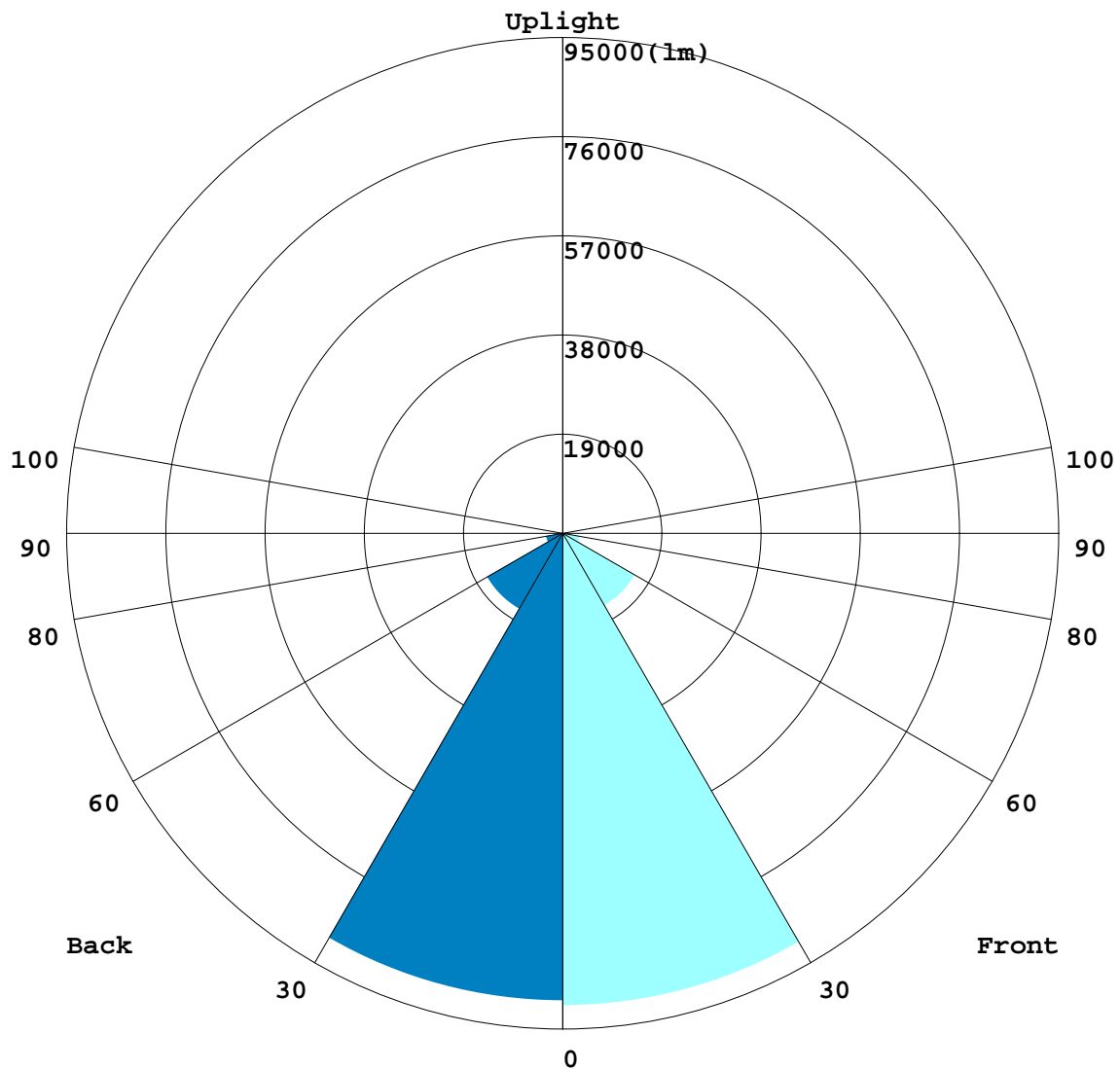
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-30

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:

LCS REPORT

Test:U:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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:2025-5-30

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:

BUG REPORT

Test:U:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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)	90440	41.2
FM - Front-Medium(30-60)	15986	7.3
FH - Front-High(60-80)	3296.8	1.5
FVH - Front-Very High(80-90)	267.96	0.1
Total Forward Light	1.0999e+005	50.1

BL - Back-Low(0-30)	89516	40.7
BM - Back-Medium(30-60)	16716	7.6
BH - Back-High(60-80)	3253.5	1.5
BVH - Back-Very High(80-90)	245.64	0.1
Total Back Light	1.0973e+005	49.9

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-G3
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1.0973e+005	0	1.0973e+005
Street Side	1.0999e+005	0	1.0999e+005

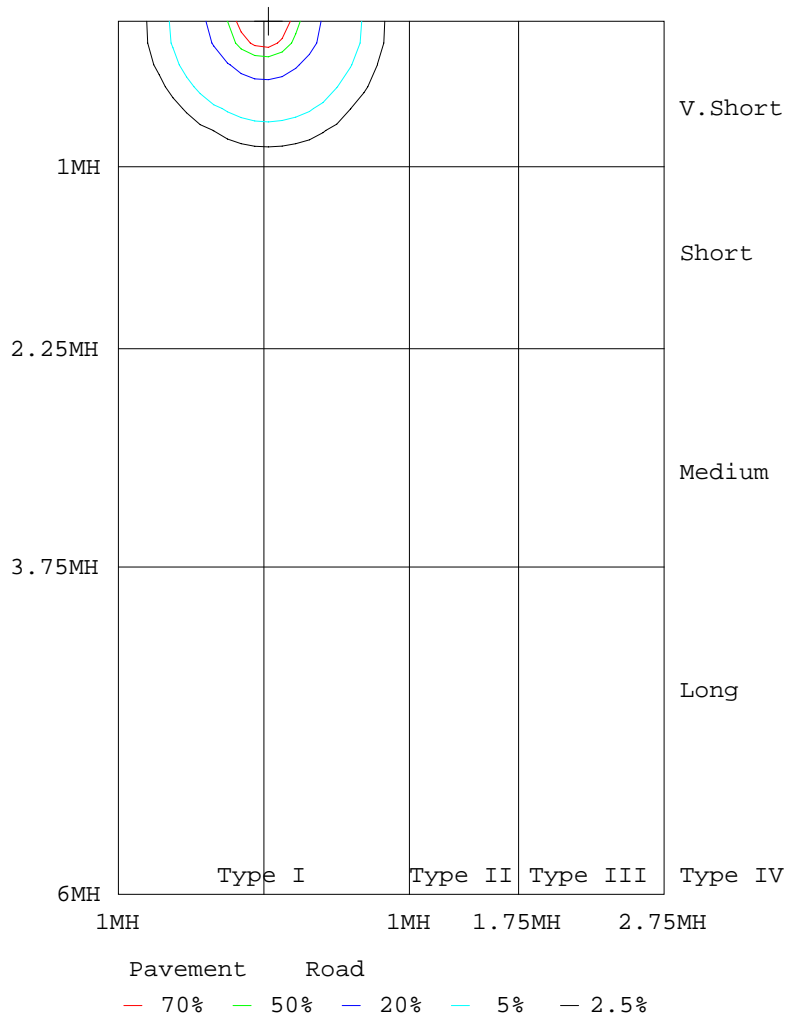
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-30

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:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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:2025-5-30

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:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-A5-00-4070-30D-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	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853	6853
5	6406	6436	6418	6440	6419	6432	6405	6417	6385	6380	6327	6323	6327	6299	6323	6306	6332	6317	6347
10	4988	5049	5020	5061	5018	5044	4990	5008	4937	4920	4810	4789	4785	4739	4808	4792	4849	4822	4881
15	3016	3100	3061	3106	3041	3093	3045	3063	2957	2945	2843	2864	2838	2800	2881	2869	2933	2917	2980
20	1555	1611	1607	1621	1568	1617	1626	1636	1556	1551	1530	1537	1536	1529	1577	1549	1575	1588	1608
25	839	868	871	874	847	883	913	931	878	882	901	908	903	911	947	903	903	931	935
30	440	453	451	458	451	473	493	512	491	501	519	525	529	539	566	530	525	544	538
35	235	245	239	249	240	255	256	272	268	283	290	298	305	312	327	308	301	302	291
40	146	150	150	153	150	153	152	155	152	158	163	167	173	176	184	173	169	166	160
45	103	106	106	109	107	108	109	110	108	110	112	113	114	116	119	116	113	114	112
50	81.9	82.4	82.4	84.0	82.9	84.9	87.2	88.3	86.7	88.3	89.2	90.0	91.1	90.6	91.9	90.0	89.1	89.7	89.7
55	68.7	66.3	65.9	67.4	66.5	68.8	72.5	71.9	70.4	72.0	71.5	72.4	75.8	72.4	72.9	72.6	71.7	71.8	73.8
60	56.1	53.6	52.6	54.5	53.4	55.4	58.8	56.8	55.7	57.1	55.6	56.7	60.0	56.7	56.4	56.8	56.1	55.7	58.7
65	43.6	42.4	41.4	42.9	42.0	43.2	45.1	43.7	43.0	44.0	42.7	43.8	45.3	43.5	43.2	43.4	43.0	42.7	44.6
70	32.6	31.9	30.8	32.0	31.2	32.3	33.6	32.5	31.6	32.3	31.3	32.4	32.7	31.9	31.5	31.6	31.2	31.4	32.6
75	22.2	21.9	21.0	21.9	21.3	22.2	22.8	22.2	21.3	21.7	20.9	21.7	21.5	21.1	20.9	20.9	20.9	21.1	21.9
80	12.5	12.4	11.9	12.6	12.1	12.7	12.9	12.5	11.9	12.1	11.5	11.9	11.6	11.4	11.4	11.4	11.5	11.7	12.0
85	4.20	4.42	4.17	4.51	4.22	4.55	4.44	4.44	3.99	4.13	3.76	3.90	3.72	3.49	3.68	3.57	3.74	3.74	3.98
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:2025-5-30

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:218.8V I:5.490A P:1199W PF:0.9981 Freq:50.01Hz Lamp Flux:219722x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-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	6853	6853	6853	6853	6853														
5	6337	6372	6371	6419	6411														
10	4862	4937	4929	5011	4989														
15	2948	3010	3003	3081	3045														
20	1548	1563	1573	1618	1582														
25	865	854	859	878	849														
30	486	468	460	462	446														
35	262	253	240	245	231														
40	148	145	142	144	142														
45	105	103	103	103	101														
50	84.7	82.9	82.5	82.0	80.6														
55	69.2	67.7	67.5	66.4	65.7														
60	54.4	53.8	53.8	52.7	52.8														
65	42.0	41.9	41.9	41.4	41.6														
70	31.1	31.0	31.0	30.8	31.3														
75	21.0	21.2	20.9	20.9	21.2														
80	11.6	11.8	11.7	11.8	11.9														
85	3.75	3.93	3.86	4.10	4.00														
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:2025-5-30

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: