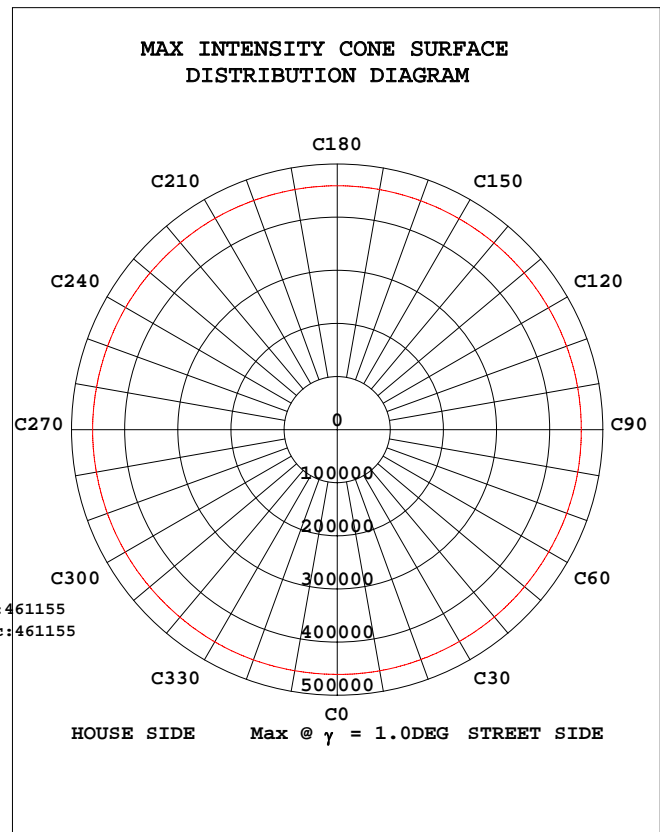
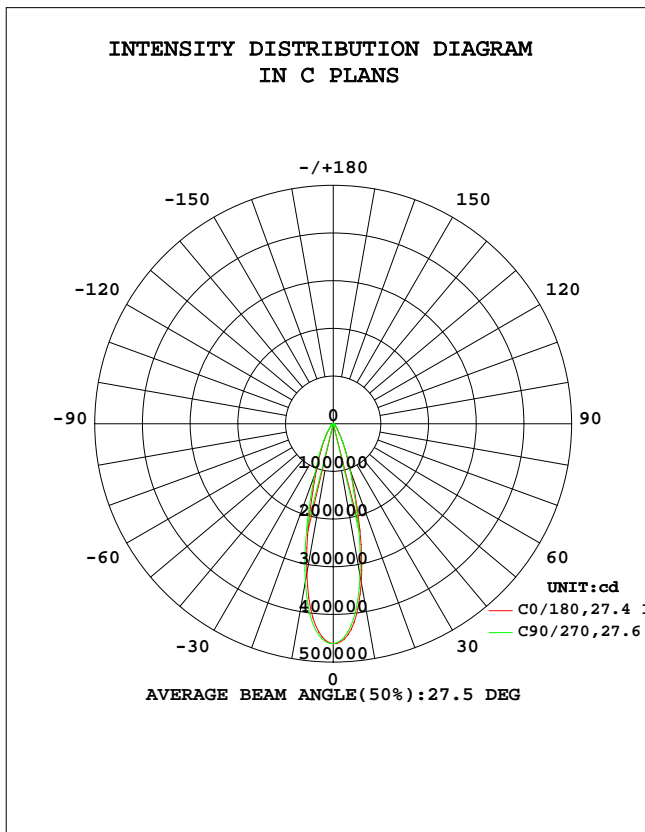


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.9V I:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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: 185.26 lm/W			
MODEL	5050	I _{max} (cd)	461169	η street_up(%)	0.0
NOMINAL POWER(W)	800	LOR(%)	100.0	η street_down(%)	48.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	148463	η house_up(%)	0.0
NOMINAL FLUX(lm)	148463	MAXIMUM @(C,γ)	330,1.0	η house_down(%)	51.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.975

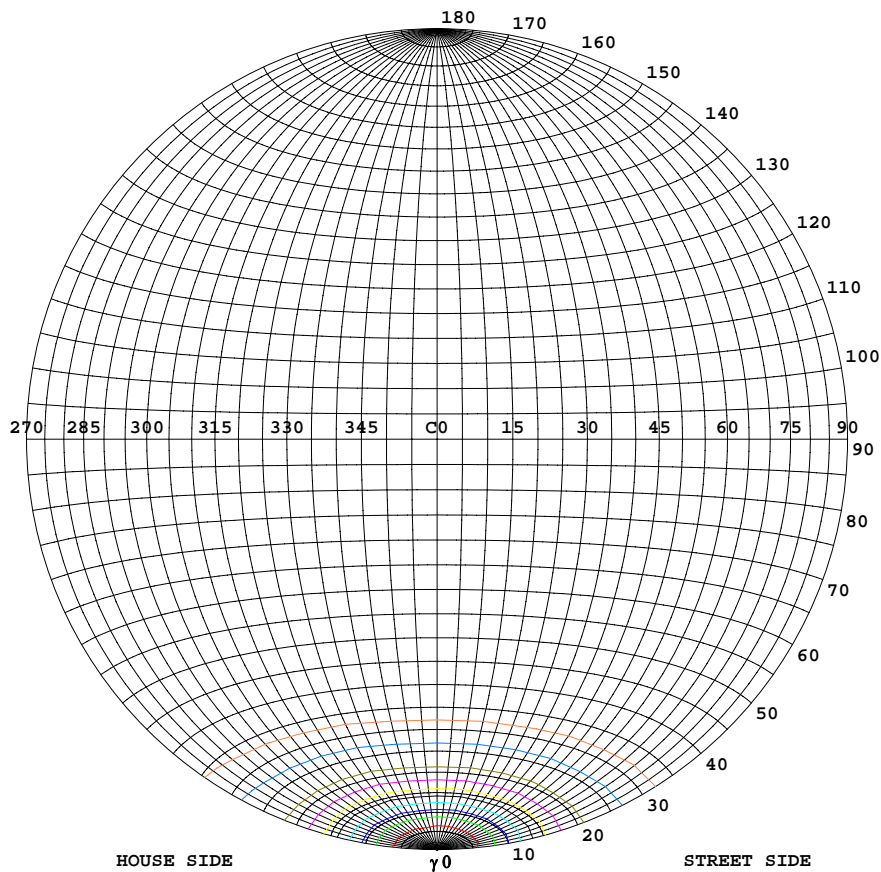


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



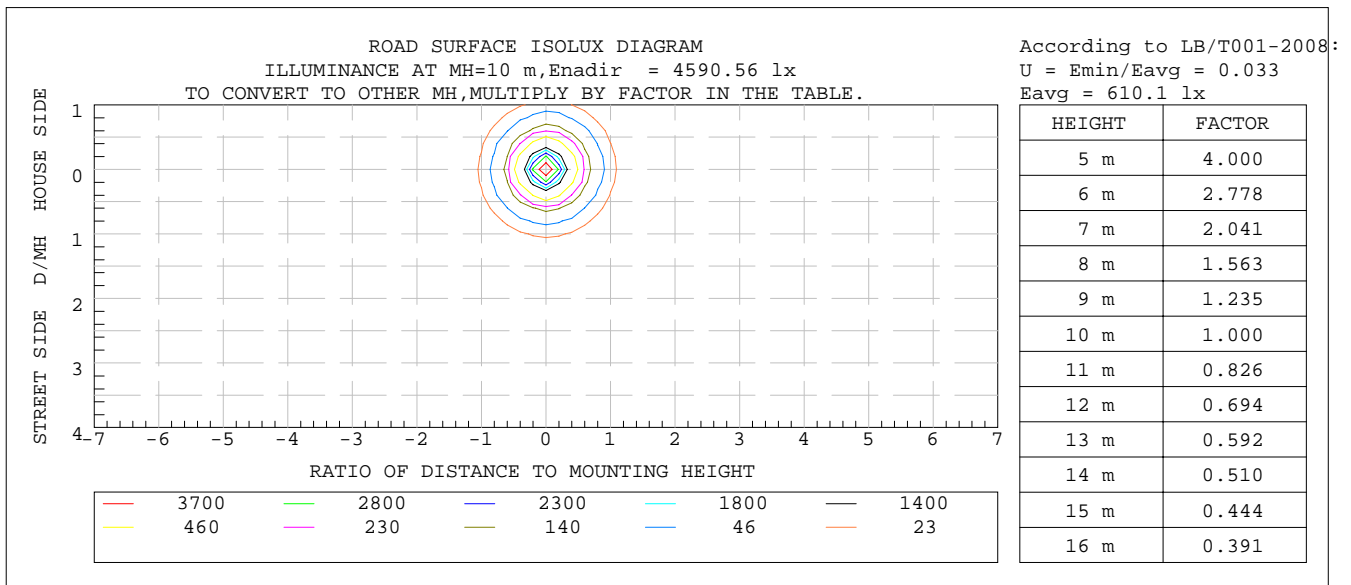
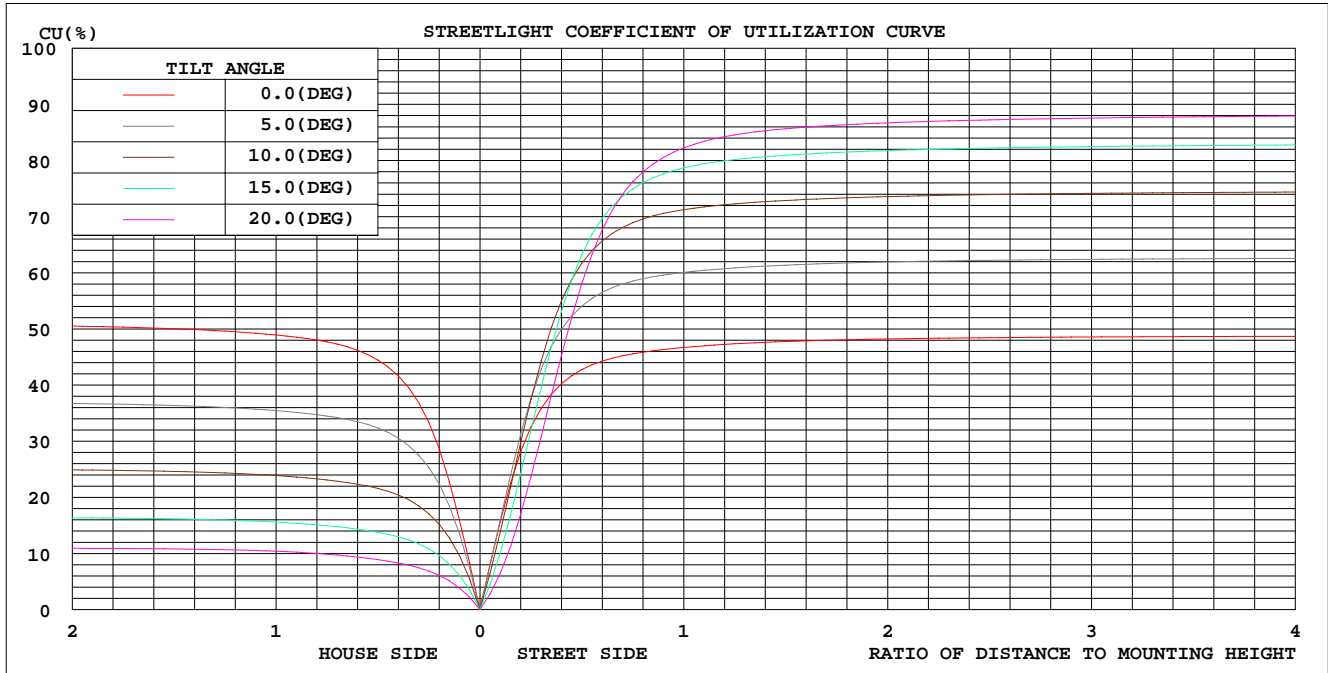
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.101cd/klm
Max.At90:0cd/klm
Max.80-90:6.101cd/klm
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	461169
90%	415052
80%	368935
70%	322818
60%	276701
50%	230585
40%	184468
30%	138351
20%	92234
10%	46117
5%	23058

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

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:218.9V I:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

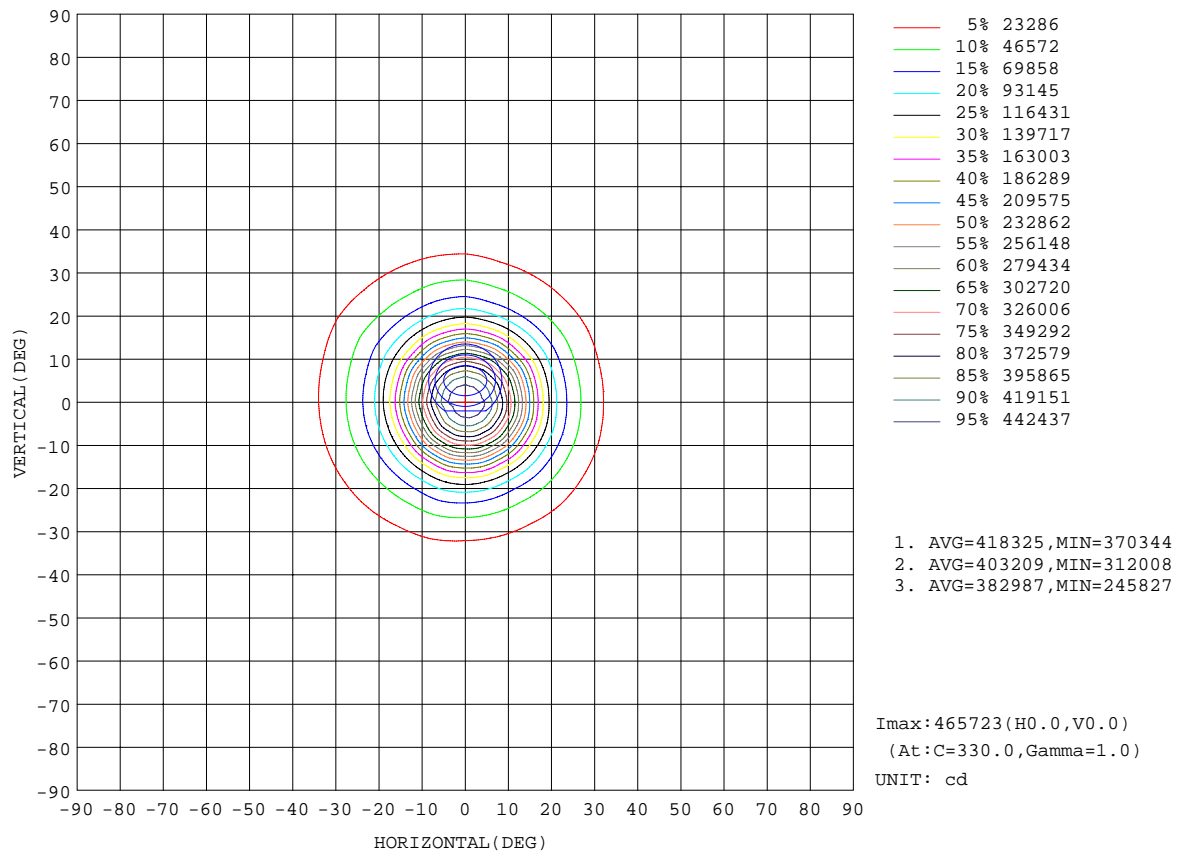
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3385	3350	3245	3222	3197	3262	3375	3392	0- 10	37784	37784	25.5,25.5
20	1076	1056	1049	998.8	1031	1094	1130	1119	10- 20	54901	92685	62.4,62.4
30	303.2	299.5	307.6	322.5	356.3	375.0	388.2	329.5	20- 30	28308	120992	81.5,81.5
40	102.4	104.7	101.4	104.9	117.4	124.9	116.8	102.7	30- 40	12148	133141	89.7,89.7
50	57.62	57.42	59.23	60.33	63.36	63.73	64.48	59.19	40- 50	6083	139224	93.8,93.8
60	39.20	36.96	39.49	38.41	41.22	39.60	41.81	37.90	50- 60	4374	143598	96.7,96.7
70	22.73	21.59	22.44	21.57	22.31	22.12	23.43	22.01	60- 70	2943	146541	98.7,98.7
80	8.954	8.181	8.283	7.737	7.999	8.110	9.057	8.530	70- 80	1568	148109	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	353.5	148463	100,100
100	0	0	0	0	0	0	0	0	90-100	0	148463	100,100
110	0	0	0	0	0	0	0	0	100-110	0	148463	100,100
120	0	0	0	0	0	0	0	0	110-120	0	148463	100,100
130	0	0	0	0	0	0	0	0	120-130	0	148463	100,100
140	0	0	0	0	0	0	0	0	130-140	0	148463	100,100
150	0	0	0	0	0	0	0	0	140-150	0	148463	100,100
160	0	0	0	0	0	0	0	0	150-160	0	148463	100,100
170	0	0	0	0	0	0	0	0	160-170	0	148463	100,100
180	0	0	0	0	0	0	0	0	170-180	0	148463	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

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

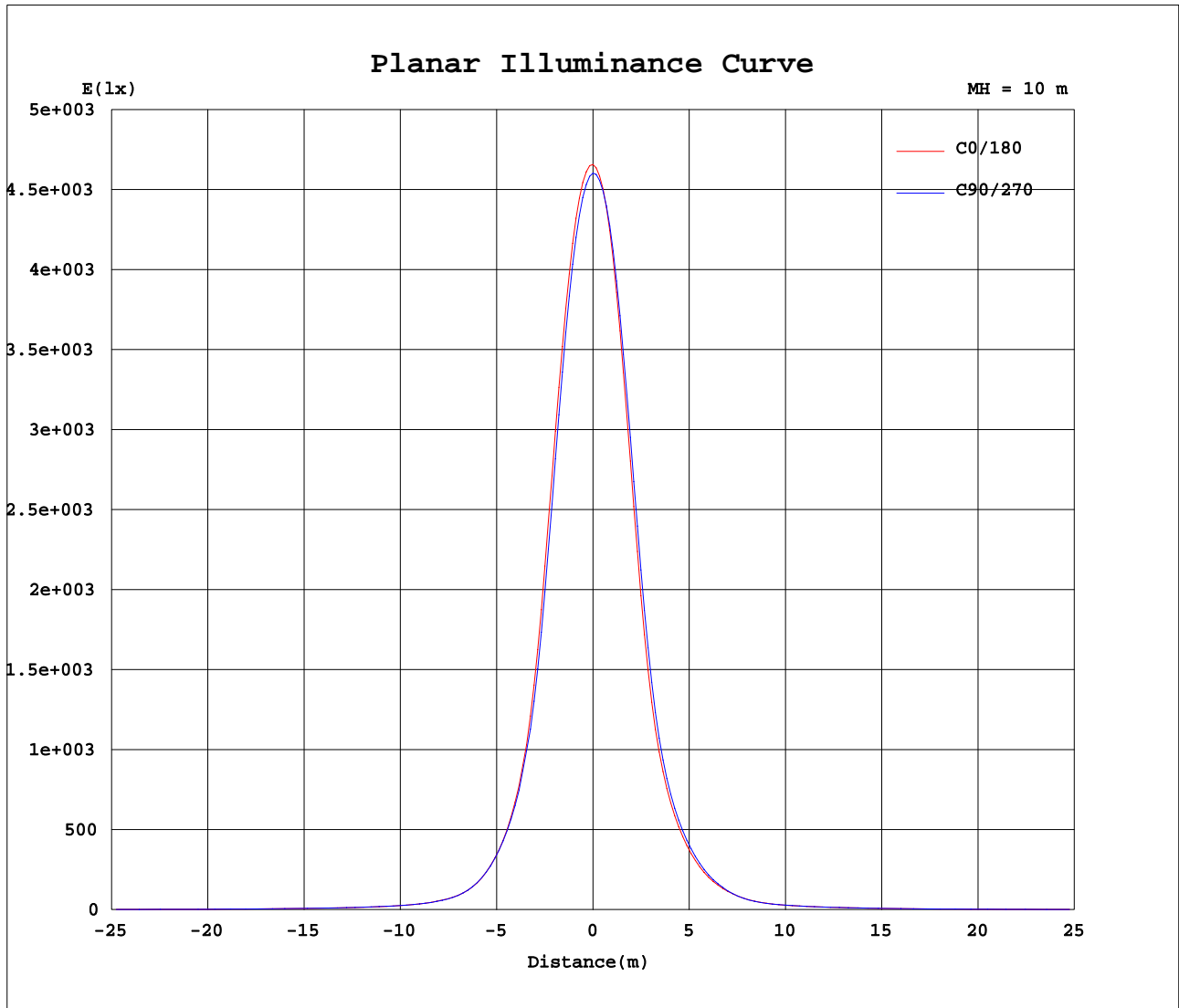
Test:U:218.9V I:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



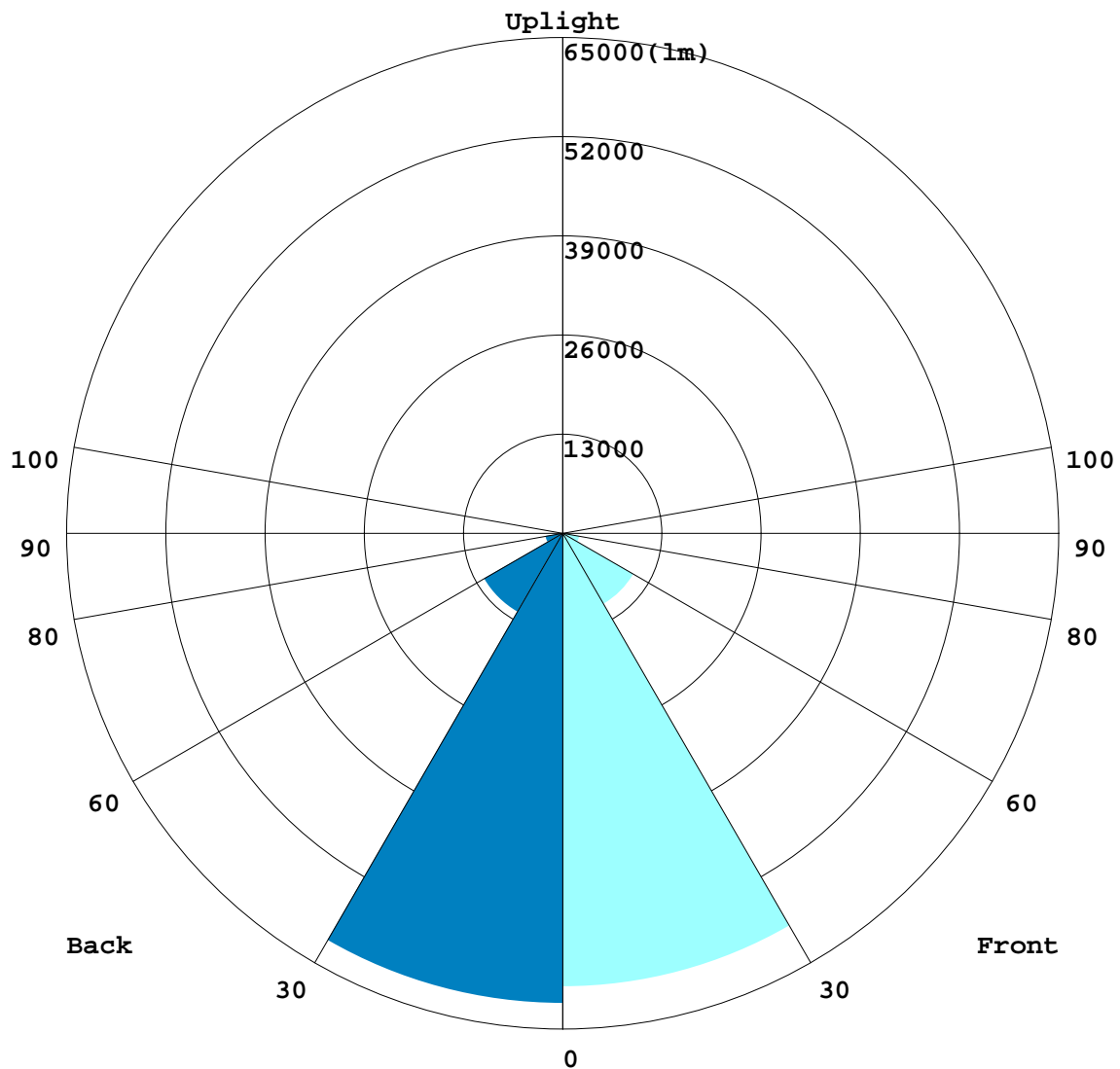
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-6-1

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:218.9V I:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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

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:218.9V I:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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)	59406	40.0
FM - Front-Medium(30-60)	10720	7.2
FH - Front-High(60-80)	2219.7	1.5
FVH - Front-Very High(80-90)	170	0.1
Total Forward Light	72516	48.8

BL - Back-Low(0-30)	61586	41.5
BM - Back-Medium(30-60)	11886	8.0
BH - Back-High(60-80)	2290.9	1.5
BVH - Back-Very High(80-90)	183.49	0.1
Total Back Light	75947	51.2

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	75947	0	75947
Street Side	72516	0	72516

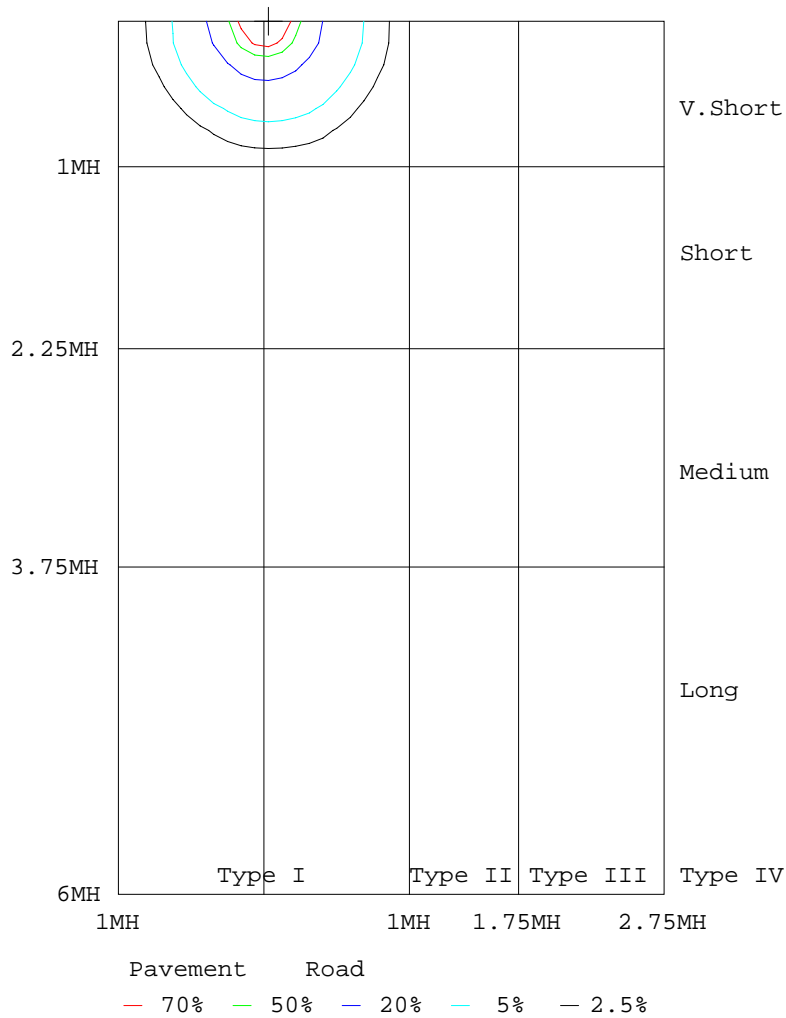
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-6-1

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:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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

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:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612	4612
5	4327	4333	4307	4310	4282	4284	4257	4267	4247	4252	4224	4231	4250	4239	4270	4270	4302	4298	4329
10	3385	3400	3349	3350	3293	3296	3245	3263	3217	3222	3165	3171	3197	3184	3255	3262	3327	3320	3375
15	2060	2087	2025	2022	1946	1964	1928	1942	1880	1887	1840	1866	1889	1884	1957	1965	2029	2024	2078
20	1076	1092	1082	1056	1027	1027	1049	1042	997	999	1000	1023	1031	1054	1079	1094	1095	1116	1130
25	576	588	578	572	546	564	578	595	567	571	588	607	608	616	654	632	632	654	664
30	303	307	300	300	290	300	308	323	314	323	337	351	356	367	394	375	372	388	388
35	162	165	162	163	158	162	163	171	171	180	189	200	207	214	230	220	217	219	214
40	102	105	104	105	102	103	101	103	102	105	111	114	117	121	130	125	123	123	117
45	72.5	73.7	73.5	74.4	72.8	73.3	73.7	74.7	73.8	75.3	77.0	78.8	79.0	80.5	84.0	81.5	80.7	81.0	80.6
50	57.6	57.4	56.8	57.4	56.3	57.7	59.2	60.0	59.1	60.3	61.2	62.5	63.4	63.2	64.8	63.7	63.6	64.2	64.5
55	48.4	46.2	45.5	46.3	45.3	46.7	49.4	48.7	47.8	49.1	48.8	49.9	52.5	50.4	51.0	51.1	50.9	51.1	52.8
60	39.2	37.0	35.9	37.0	36.0	37.1	39.5	38.1	37.3	38.4	37.6	38.6	41.2	39.2	39.1	39.6	39.5	39.4	41.8
65	30.3	29.2	28.1	29.0	28.2	28.9	30.2	29.3	28.6	29.5	28.8	29.7	30.9	30.0	29.9	30.3	30.2	30.1	31.8
70	22.7	21.9	20.9	21.6	20.9	21.5	22.4	21.7	20.9	21.6	21.0	21.9	22.3	22.0	21.8	22.1	22.0	22.3	23.4
75	15.6	15.0	14.2	14.6	14.1	14.6	15.1	14.6	13.9	14.3	13.9	14.6	14.7	14.6	14.6	14.8	14.9	15.2	15.9
80	8.95	8.49	7.89	8.18	7.78	8.11	8.28	7.99	7.59	7.74	7.41	7.87	8.00	7.95	8.05	8.11	8.42	8.61	9.06
85	3.15	3.07	2.62	2.82	2.56	2.79	2.61	2.66	2.36	2.52	2.18	2.51	2.58	2.46	2.69	2.67	3.05	3.02	3.34
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:3.668A P:801.4W PF:0.9979 Freq:50.00Hz Lamp Flux:148463x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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	4612	4612	4612	4612	4612														
5	4318	4342	4332	4356	4343														
10	3359	3410	3392	3435	3406														
15	2056	2105	2089	2141	2098														
20	1101	1101	1119	1132	1108														
25	616	606	610	619	589														
30	350	336	330	329	313														
35	191	182	173	172	164														
40	110	104	103	104	102														
45	76.0	74.7	74.2	74.1	72.8														
50	61.0	59.6	59.2	58.8	57.6														
55	49.6	48.4	48.1	47.3	46.6														
60	38.7	38.1	37.9	37.1	37.1														
65	29.9	29.7	29.5	29.1	29.1														
70	22.3	22.1	22.0	21.7	22.0														
75	15.3	15.3	15.0	14.9	15.0														
80	8.65	8.76	8.53	8.54	8.54														
85	3.09	3.29	3.04	3.22	2.99														
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: