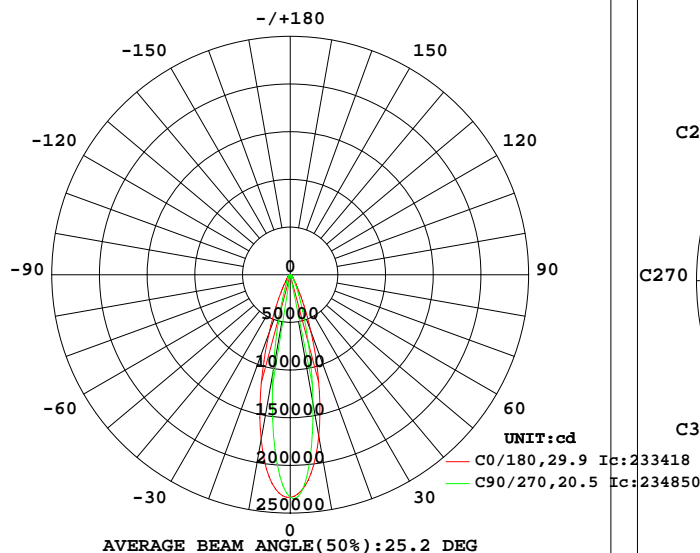
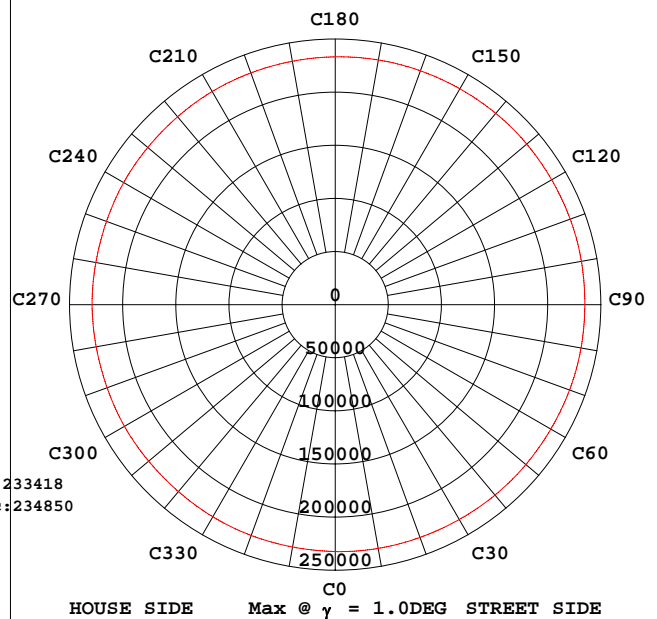


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.93 lm/W			
MODEL	3535	I _{max} (cd)	235400	η street_up(%)	0.0
NOMINAL POWER(W)	400	LOR(%)	100.0	η street_down(%)	55.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	63430	η house_up(%)	0.0
NOMINAL FLUX(lm)	63430.4	MAXIMUM @(C,γ)	105,1.0	η house_down(%)	45.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.504

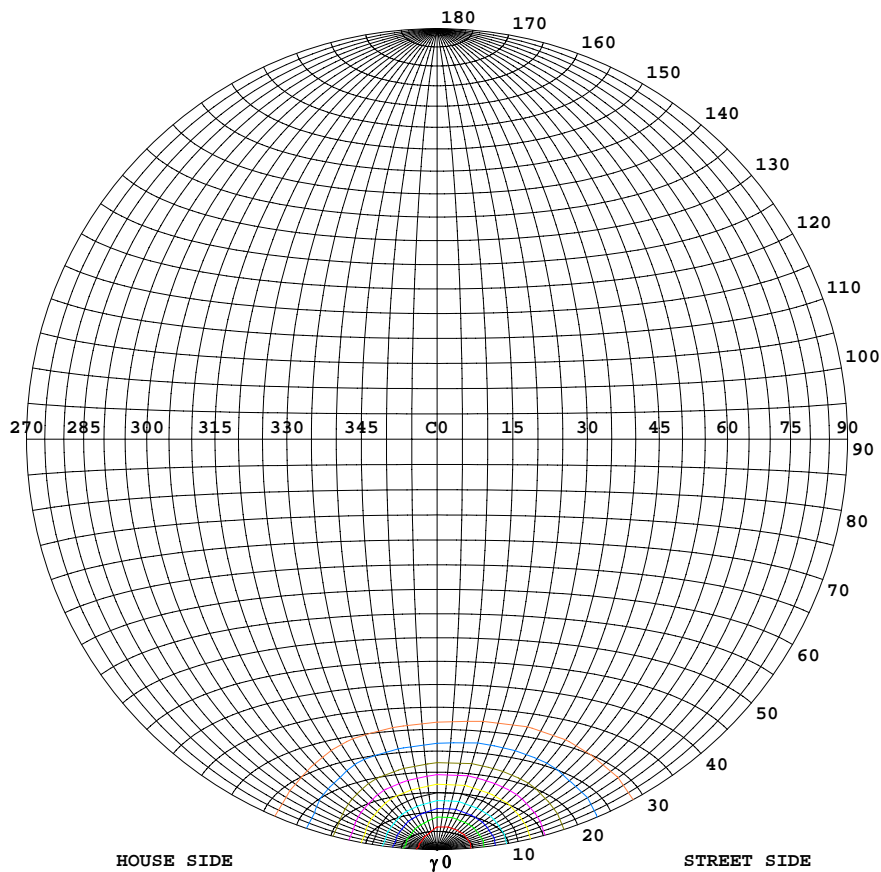
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



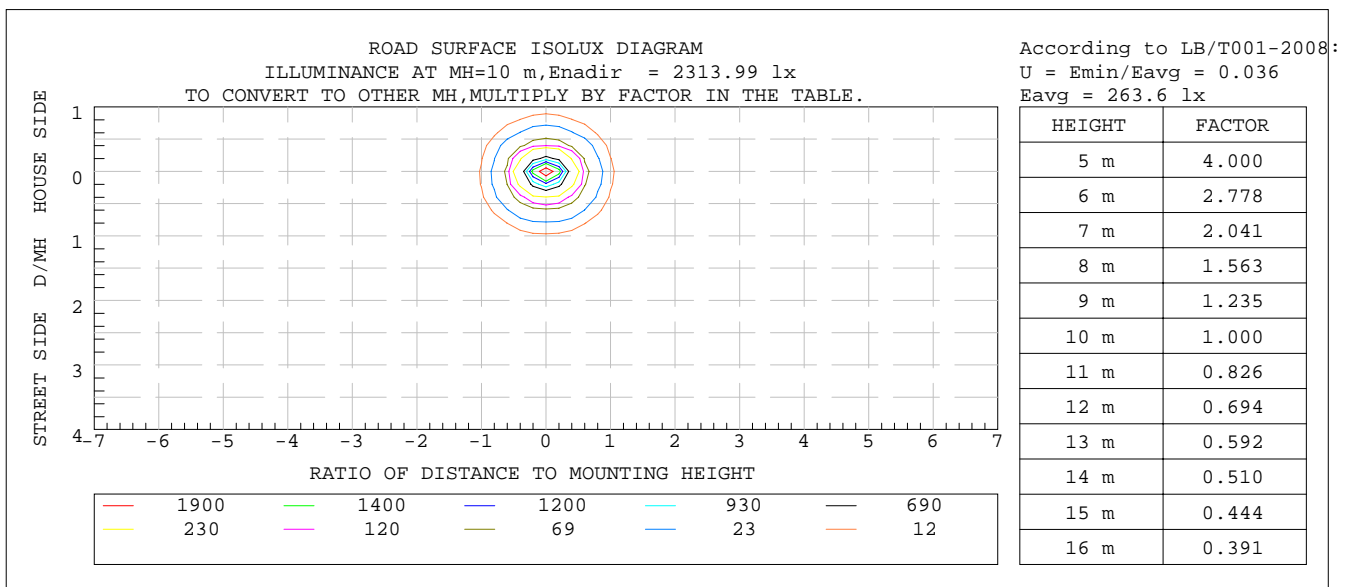
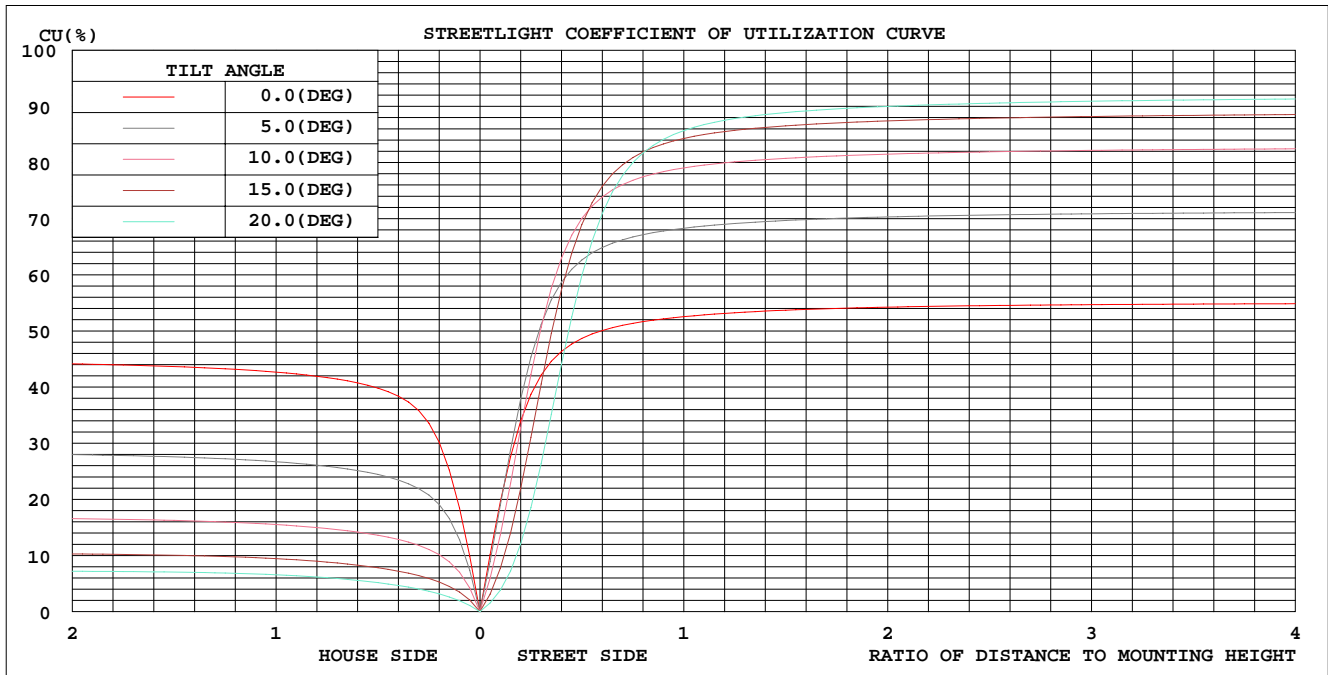
Classification:

IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:10.42cd/klm
Max.At90:0cd/klm
Max.80-90:10.42cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	235400
90%	211860
80%	188320
70%	164780
60%	141240
50%	117700
40%	94160
30%	70620
20%	47080
10%	23540
5%	11770

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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: 2025-5-29

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:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

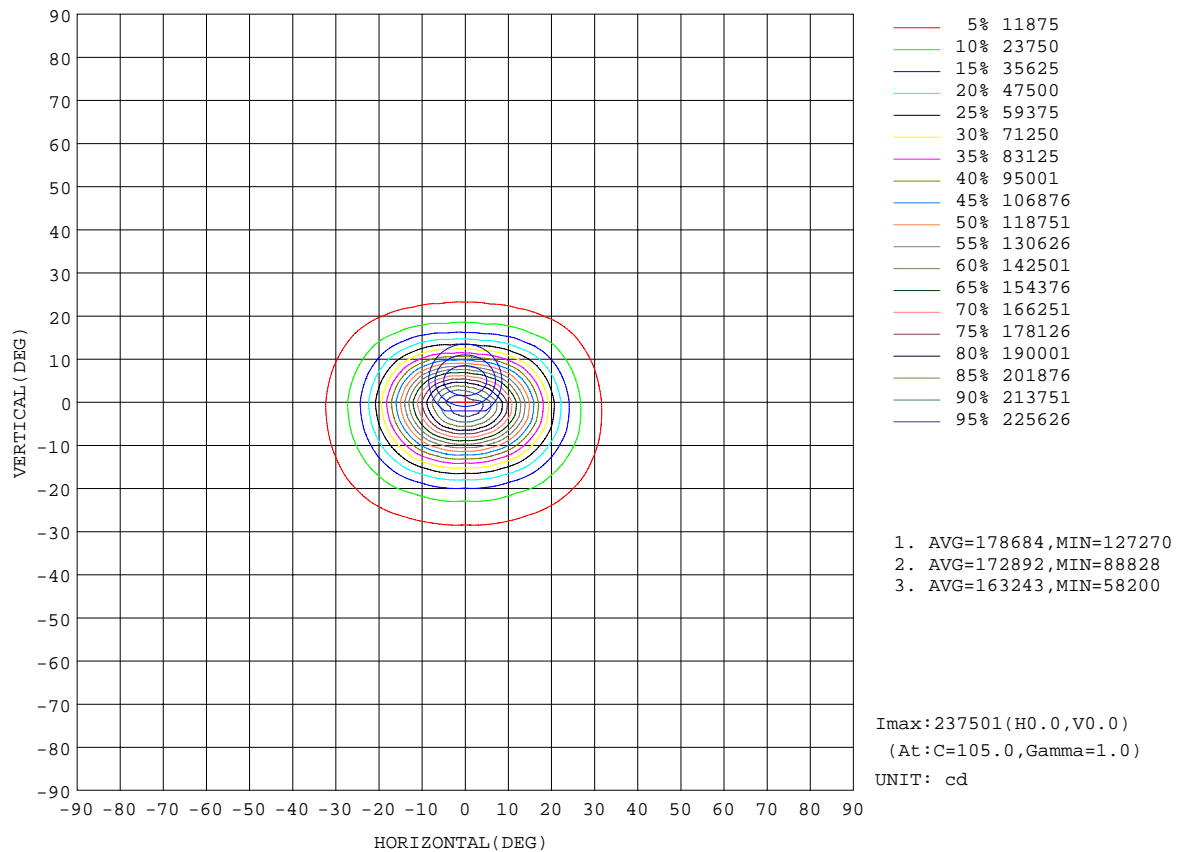
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1723	1575	1380	1627	1758	1353	1035	1301	0- 10	17803	17803	28.1,28.1
20	636.2	504.7	352.2	525.0	651.7	343.5	183.9	328.1	10- 20	23783	41586	65.6,65.6
30	143.3	133.5	98.51	140.6	157.0	84.27	59.37	82.31	20- 30	10529	52115	82.2,82.2
40	49.26	50.30	39.14	52.93	53.98	37.23	29.41	37.10	30- 40	4328	56442	89,89
50	27.78	28.01	24.51	28.91	29.03	23.30	20.43	23.37	40- 50	2542	58984	93,93
60	18.69	18.53	17.88	18.74	18.91	16.29	15.31	16.39	50- 60	1907	60891	96,96
70	12.27	11.40	11.36	11.26	12.30	10.30	10.25	10.48	60- 70	1412	62304	98.2,98.2
80	6.612	5.388	5.204	5.240	6.394	4.859	4.844	5.023	70- 80	863.1	63167	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	263.6	63430	100,100
100	0	0	0	0	0	0	0	0	90-100	0	63430	100,100
110	0	0	0	0	0	0	0	0	100-110	0	63430	100,100
120	0	0	0	0	0	0	0	0	110-120	0	63430	100,100
130	0	0	0	0	0	0	0	0	120-130	0	63430	100,100
140	0	0	0	0	0	0	0	0	130-140	0	63430	100,100
150	0	0	0	0	0	0	0	0	140-150	0	63430	100,100
160	0	0	0	0	0	0	0	0	150-160	0	63430	100,100
170	0	0	0	0	0	0	0	0	160-170	0	63430	100,100
180	0	0	0	0	0	0	0	0	170-180	0	63430	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:2025-5-29

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:

ISOCANDELA DIAGRAM

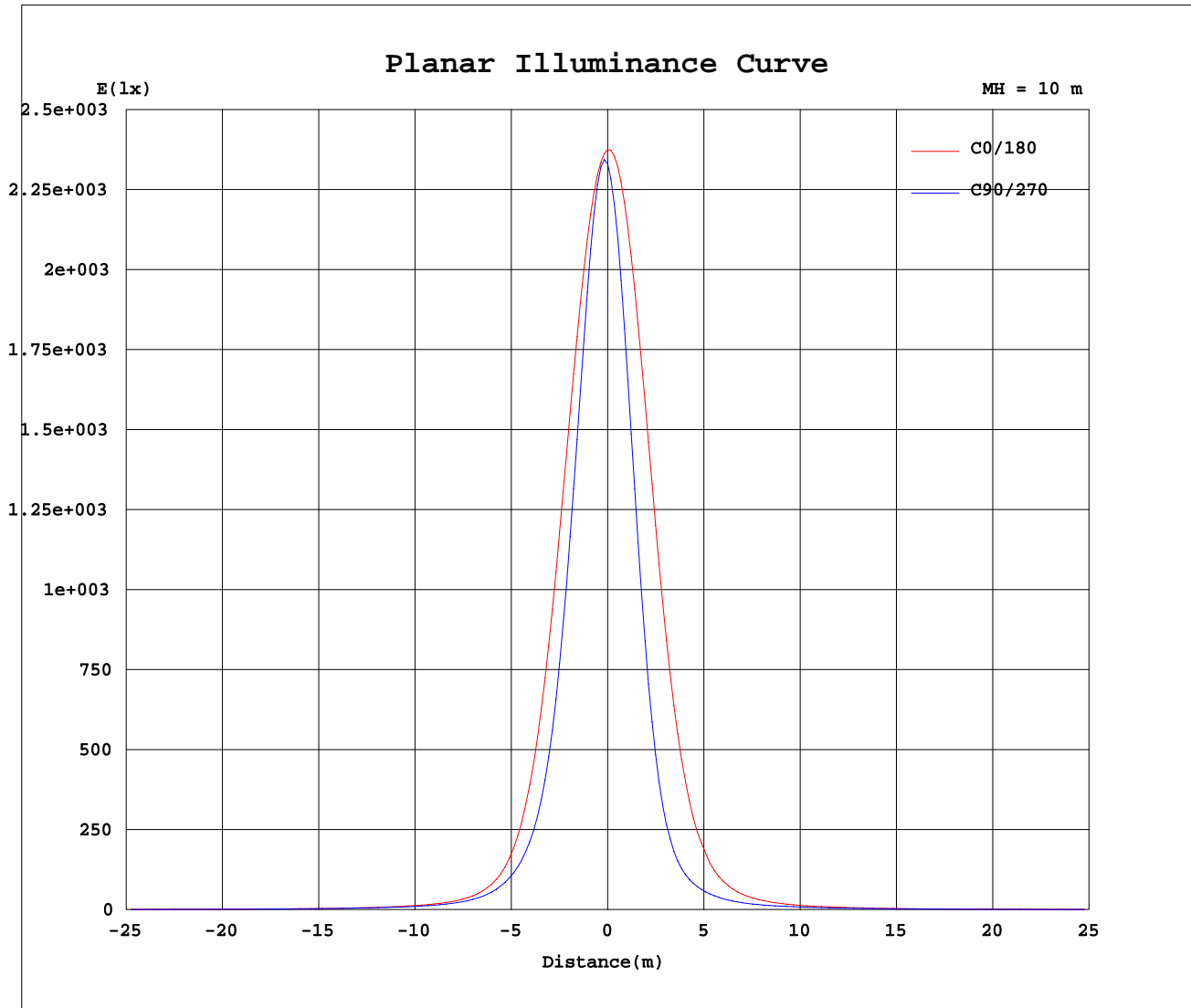
Test:U:219.1V I:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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



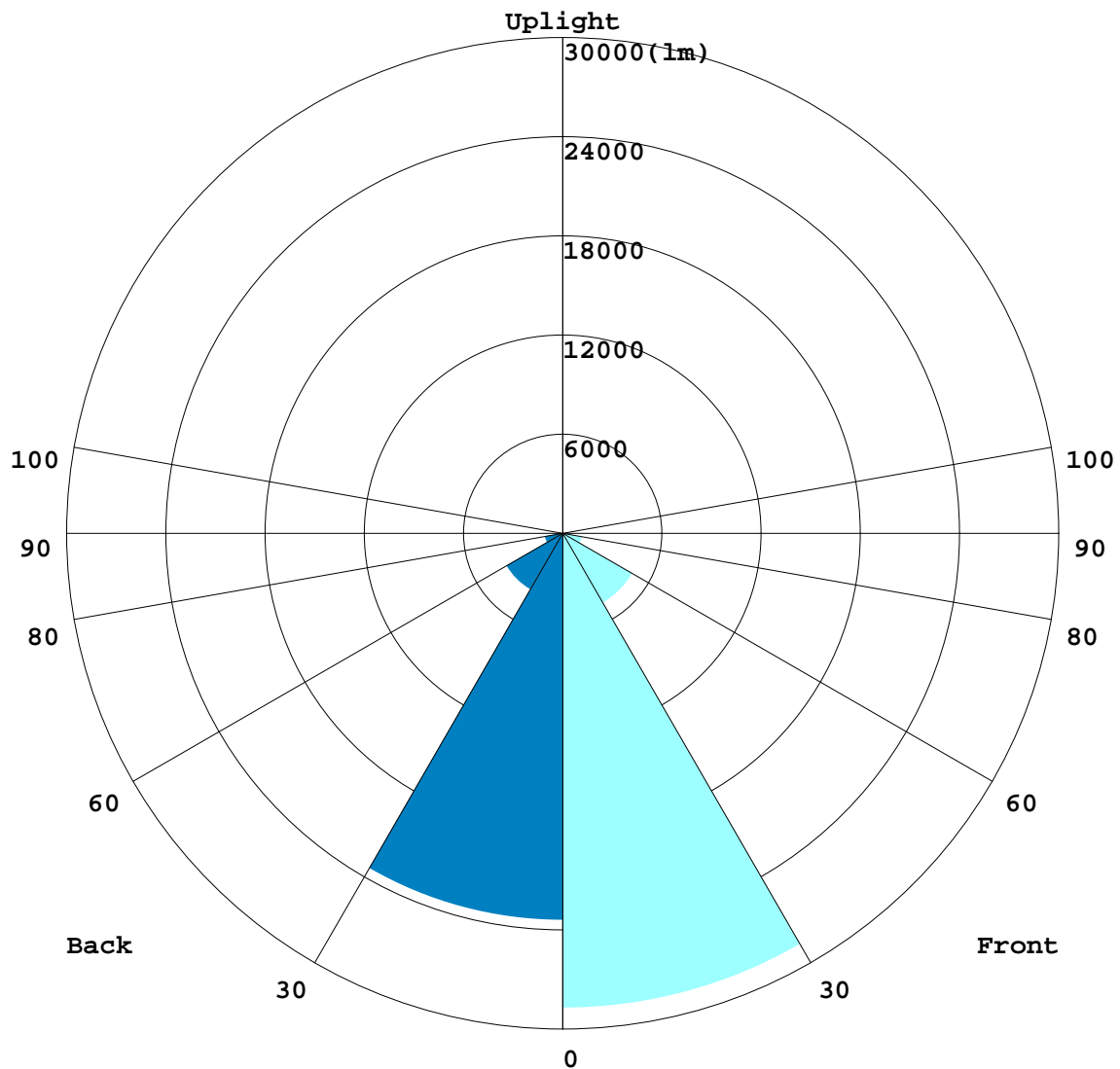
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-29

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:219.1V I:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-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:2025-5-29

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:219.1V I:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-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)	28713	45.3
FM - Front-Medium(30-60)	4858.3	7.7
FH - Front-High(60-80)	1182.2	1.9
FVH - Front-Very High(80-90)	139.56	0.2
Total Forward Light	34893	55.0

BL - Back-Low(0-30)	23401	36.9
BM - Back-Medium(30-60)	3918.5	6.2
BH - Back-High(60-80)	1093.3	1.7
BVH - Back-Very High(80-90)	124.03	0.2
Total Back Light	28537	45.0

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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	28537	0	28537
Street Side	34893	0	34893

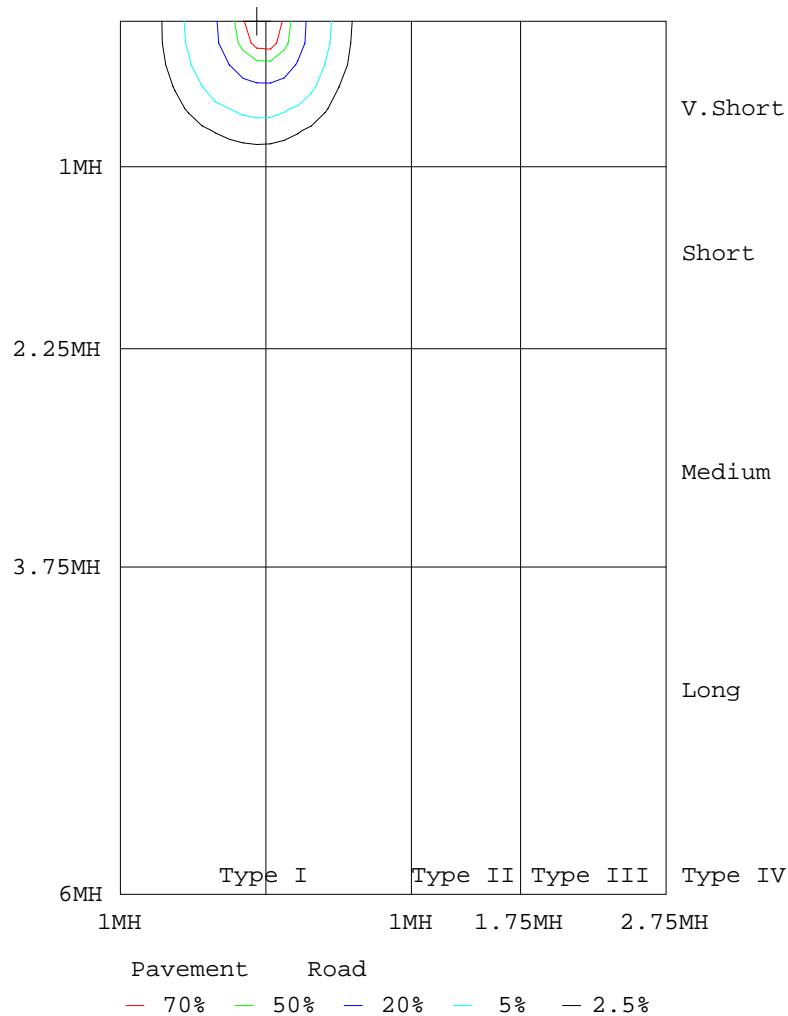
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-29

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:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-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:2025-5-29

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:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-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	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334	2334
5	2163	2185	2168	2151	2111	2106	2092	2127	2147	2197	2211	2220	2196	2145	2088	1997	1929	1856	1841
10	1723	1738	1663	1575	1464	1412	1380	1437	1505	1627	1712	1774	1758	1665	1536	1353	1206	1072	1035
15	1152	1162	1061	958	832	766	732	786	865	991	1087	1175	1174	1073	931	741	589	472	442
20	636	647	579	505	413	373	352	381	432	525	593	650	652	579	477	344	254	194	184
25	305	317	290	255	207	190	180	193	215	267	301	324	319	279	227	157	118	98.8	96.9
30	143	154	148	133	114	104	98.5	105	118	141	157	163	157	138	115	84.3	68.6	60.9	59.4
35	77.3	83.7	83.3	77.9	67.3	61.7	58.7	62.2	69.0	82.2	89.4	90.6	86.1	77.6	67.0	52.9	45.2	40.6	39.7
40	49.3	52.6	53.1	50.3	44.2	40.9	39.1	41.1	45.2	52.9	56.7	56.6	54.0	49.7	44.5	37.2	32.8	30.0	29.4
45	35.6	37.2	37.6	36.0	32.4	30.6	29.6	30.7	33.1	37.5	39.6	39.4	38.0	35.6	32.8	28.6	25.9	24.2	23.9
50	27.8	28.8	28.7	28.0	25.9	25.0	24.5	25.2	26.4	28.9	29.9	29.8	29.0	27.5	25.8	23.3	21.7	20.6	20.4
55	22.7	23.2	23.0	22.6	21.6	21.3	21.0	21.5	21.9	23.1	23.6	23.7	23.3	22.2	21.1	19.5	18.5	17.8	17.8
60	18.7	18.9	18.7	18.5	18.1	18.1	17.9	18.2	18.2	18.7	18.8	19.0	18.9	18.0	17.4	16.3	15.7	15.3	15.3
65	15.3	15.2	14.8	14.9	14.7	14.8	14.6	14.9	14.7	14.8	14.7	15.0	15.3	14.4	13.9	13.2	13.0	12.7	12.8
70	12.3	11.8	11.3	11.4	11.4	11.5	11.4	11.5	11.3	11.3	11.1	11.6	12.3	11.1	10.7	10.3	10.2	10.1	10.3
75	9.63	8.87	8.15	8.25	8.19	8.32	8.20	8.25	8.06	8.11	8.04	8.75	9.55	8.37	7.79	7.56	7.46	7.42	7.64
80	6.61	6.01	5.28	5.39	5.28	5.34	5.20	5.25	5.15	5.24	5.10	5.73	6.39	5.44	4.94	4.86	4.80	4.68	4.84
85	2.69	2.65	2.45	2.66	2.54	2.52	2.35	2.48	2.42	2.49	2.26	2.33	2.56	2.13	2.08	2.07	2.08	1.99	1.99
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:2025-5-29

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:1.839A P:401.6W PF:0.9966 Freq:50.01Hz Lamp Flux:63430.4x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-400WFSC-NV-S35-00-4070-2030D-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	2334	2334	2334	2334	2334														
5	1836	1893	1953	2044	2113														
10	1048	1160	1301	1490	1636														
15	459	561	705	904	1060														
20	192	250	328	461	569														
25	99.0	116	152	219	272														
30	60.9	68.4	82.3	110	131														
35	40.8	45.3	52.3	64.2	72.7														
40	30.1	33.0	37.1	43.2	47.2														
45	24.3	26.1	28.6	32.1	34.3														
50	20.7	21.8	23.4	25.5	26.9														
55	17.9	18.7	19.6	21.0	22.0														
60	15.4	15.9	16.4	17.4	18.0														
65	12.8	13.1	13.4	14.0	14.5														
70	10.2	10.4	10.5	10.9	11.3														
75	7.53	7.64	7.73	7.99	8.60														
80	4.78	4.98	5.02	5.13	5.76														
85	2.06	2.23	2.25	2.30	2.37														
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:2025-5-29

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: