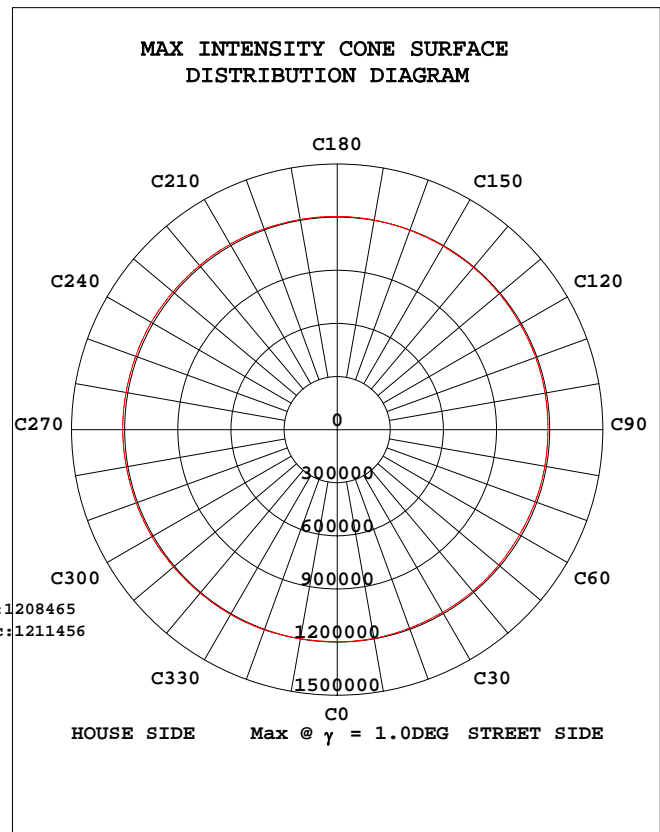
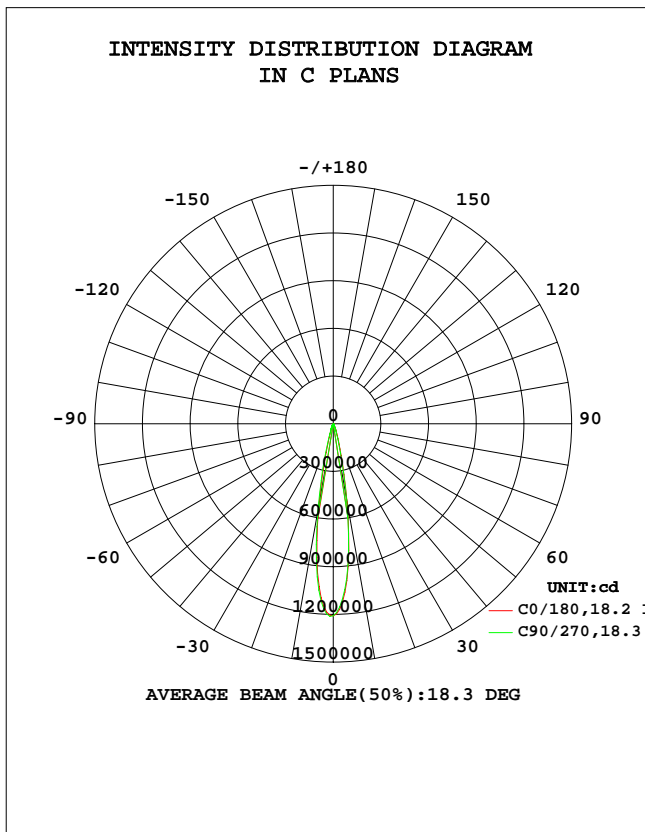


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.63 lm/W			
MODEL	3535	I <sub>max</sub> (cd)	1212665	η street_up(%)	0.0
NOMINAL POWER(W)	1000	LOR(%)	100.0	η street_down(%)	49.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	166524	η house_up(%)	0.0
NOMINAL FLUX(lm)	166524	MAXIMUM @(C,γ )	240,1.0	η house_down(%)	51.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.940

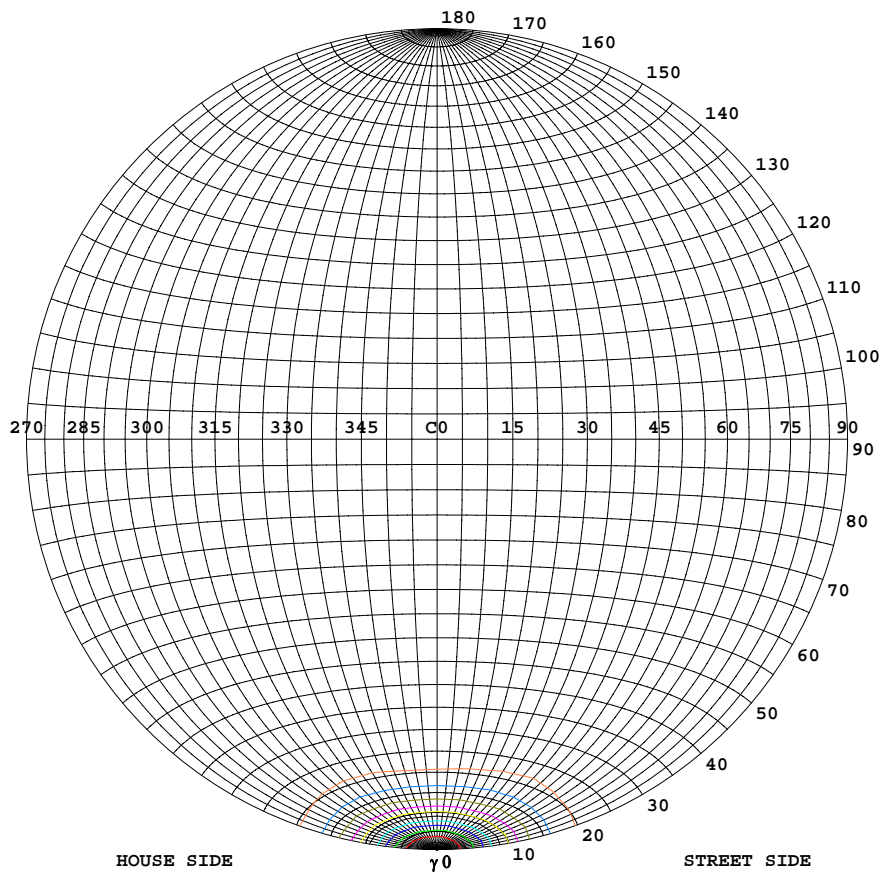


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-26

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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



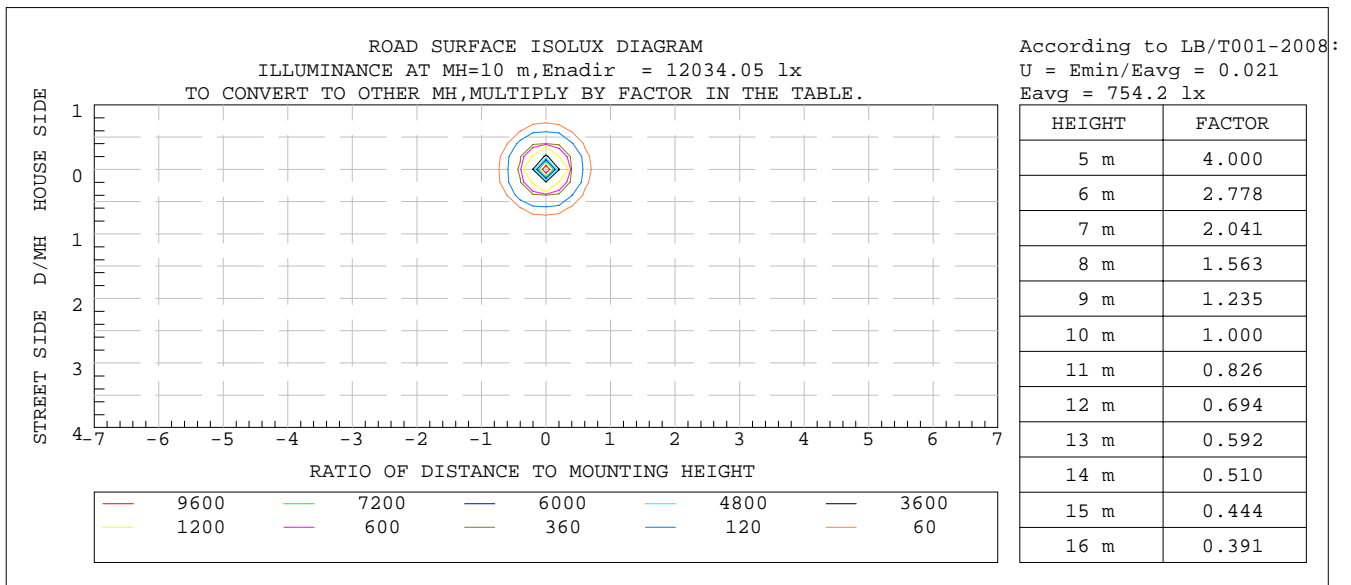
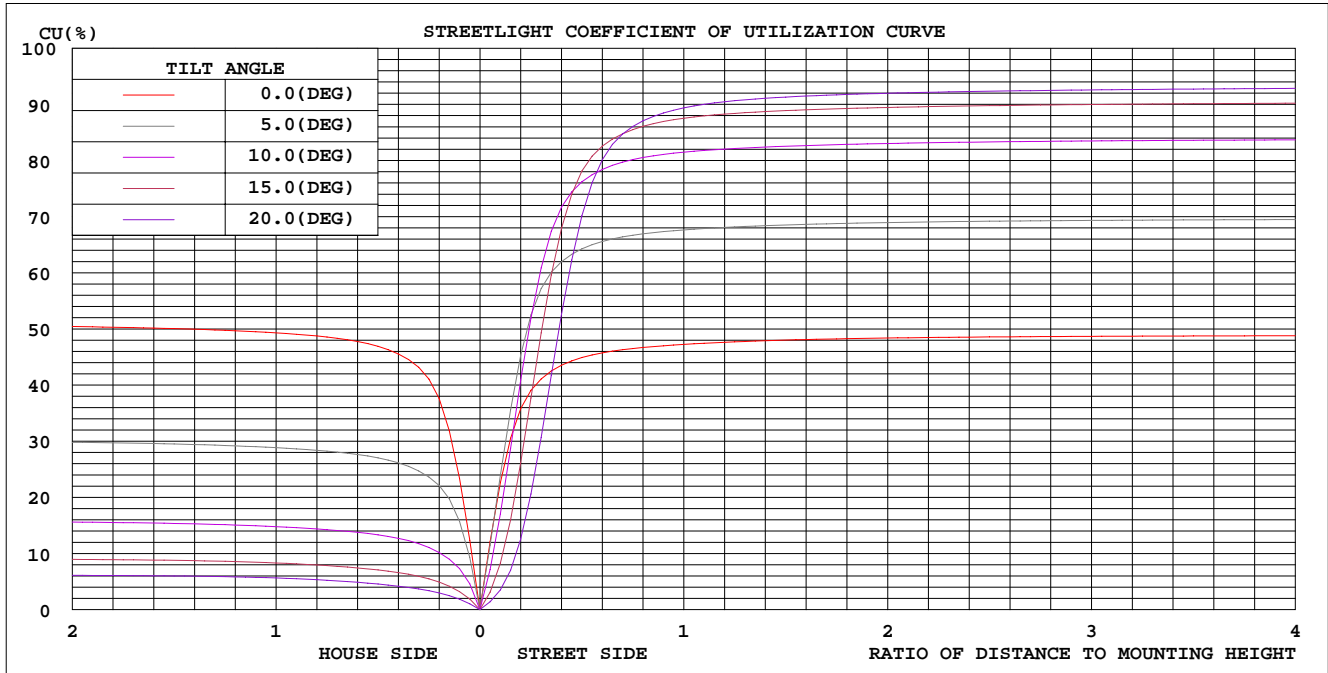
## Classification:

IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:5.812cd/klm  
Max.At90:0cd/klm  
Max.80-90:5.812cd/klm  
NRB 5101:Limited[0.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1212665
90%	1091398
80%	970132
70%	848865
60%	727599
50%	606332
40%	485066
30%	363799
20%	242533
10%	121266
5%	60633

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-26

$\gamma$  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:

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: 2025-5-26

$\gamma$  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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

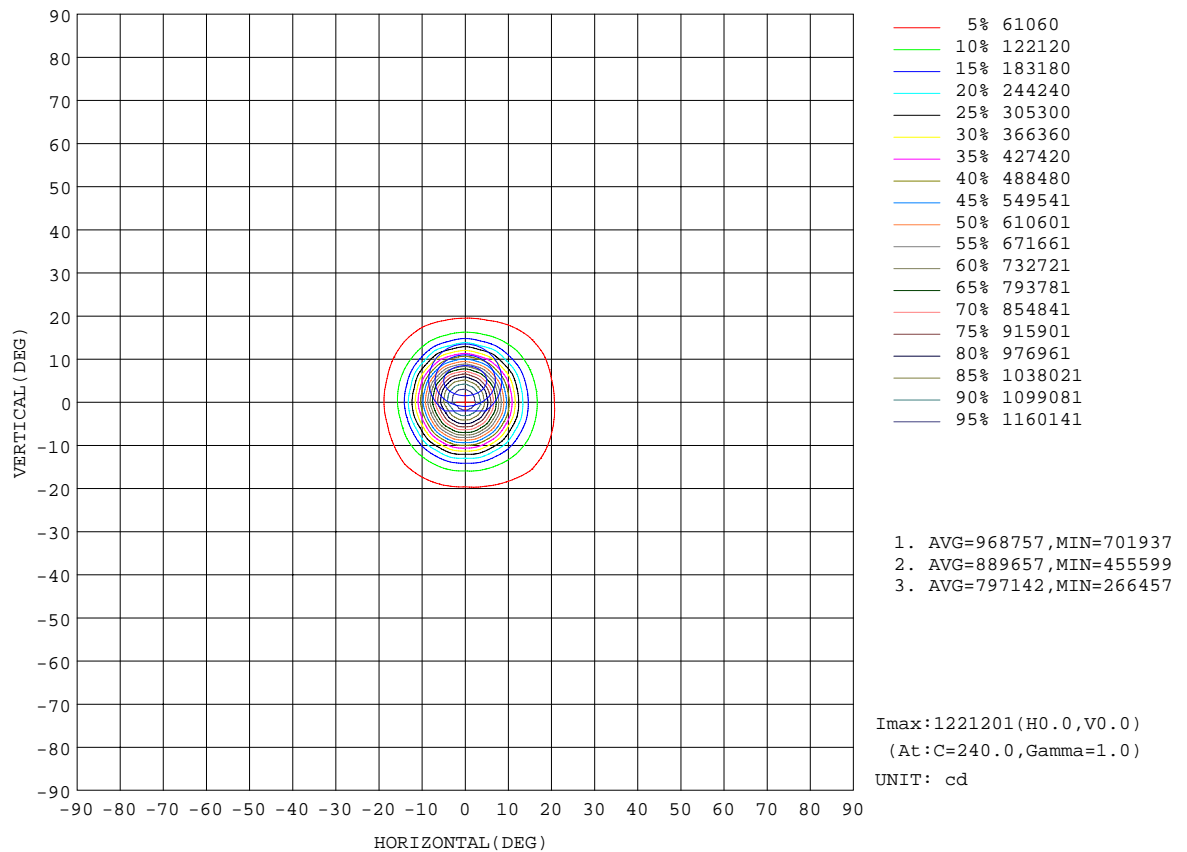
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	501.3	495.1	489.1	505.9	522.9	541.7	553.5	522.3	0- 10	79825	79825	47.9,47.9
20	66.14	75.27	57.44	61.08	49.70	59.15	55.81	70.38	10- 20	51986	131811	79.2,79.2
30	18.18	22.16	16.34	17.76	15.24	17.98	17.25	20.30	20- 30	15731	147542	88.6,88.6
40	6.728	7.962	6.408	6.942	6.229	7.065	6.670	7.693	30- 40	6980	154522	92.8,92.8
50	4.181	4.768	4.118	4.386	3.932	4.453	4.126	4.501	40- 50	4090	158612	95.2,95.2
60	3.434	3.517	3.315	3.209	3.090	3.234	3.258	3.365	50- 60	3315	161927	97.2,97.2
70	2.243	2.197	2.126	2.037	2.057	2.115	2.223	2.186	60- 70	2666	164593	98.8,98.8
80	0.8705	0.8297	0.7941	0.7880	0.8153	0.8854	0.9679	0.8970	70- 80	1549	166142	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	382.0	166524	100,100
100	0	0	0	0	0	0	0	0	90-100	0	166524	100,100
110	0	0	0	0	0	0	0	0	100-110	0	166524	100,100
120	0	0	0	0	0	0	0	0	110-120	0	166524	100,100
130	0	0	0	0	0	0	0	0	120-130	0	166524	100,100
140	0	0	0	0	0	0	0	0	130-140	0	166524	100,100
150	0	0	0	0	0	0	0	0	140-150	0	166524	100,100
160	0	0	0	0	0	0	0	0	150-160	0	166524	100,100
170	0	0	0	0	0	0	0	0	160-170	0	166524	100,100
180	0	0	0	0	0	0	0	0	170-180	0	166524	100,100
DEG	LUMINOUS INTENSITY:×1000cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-26

$\gamma$  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

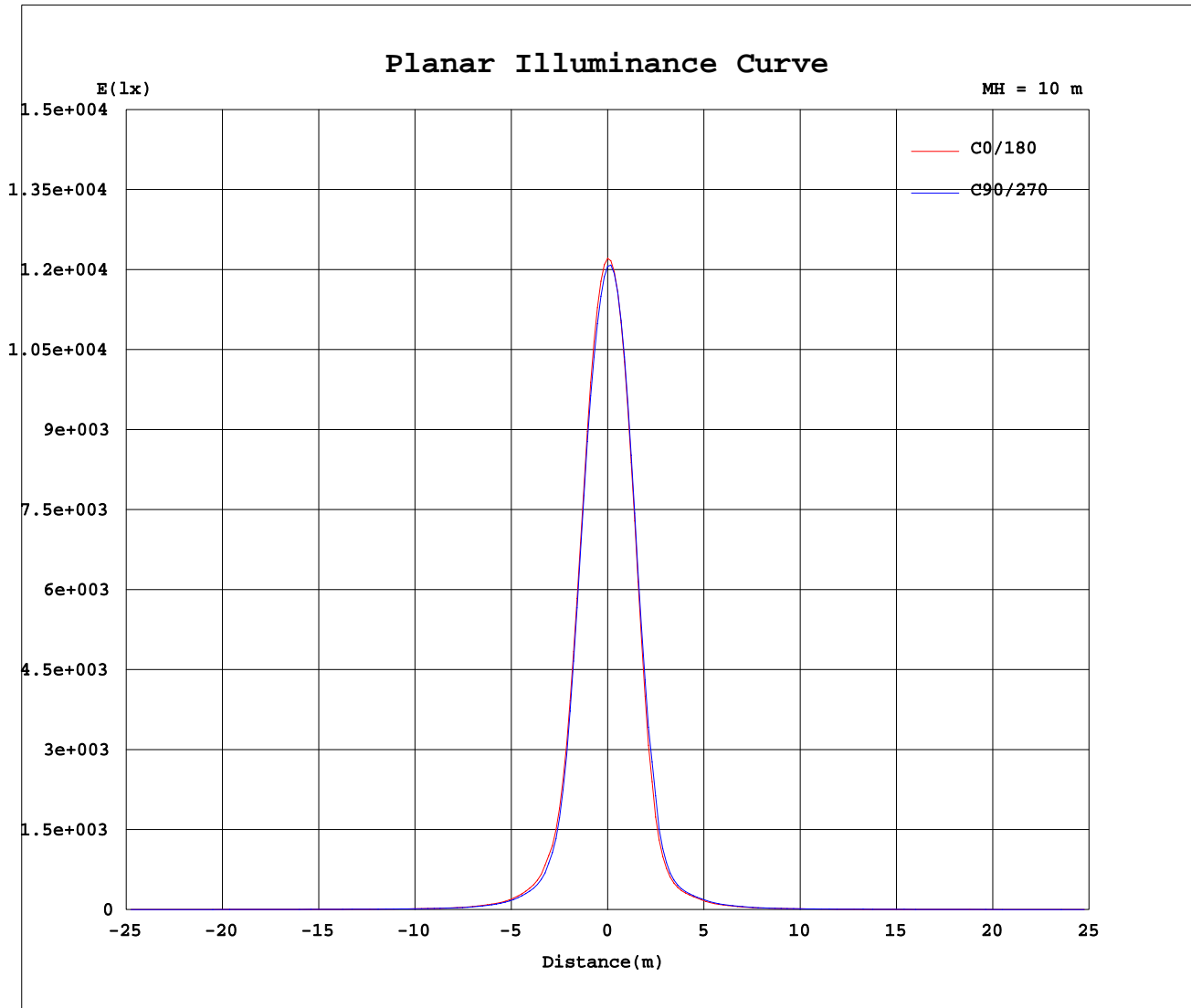
Test:U:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:yanyonggeng  
Test Date:2025-5-26

$\gamma$  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



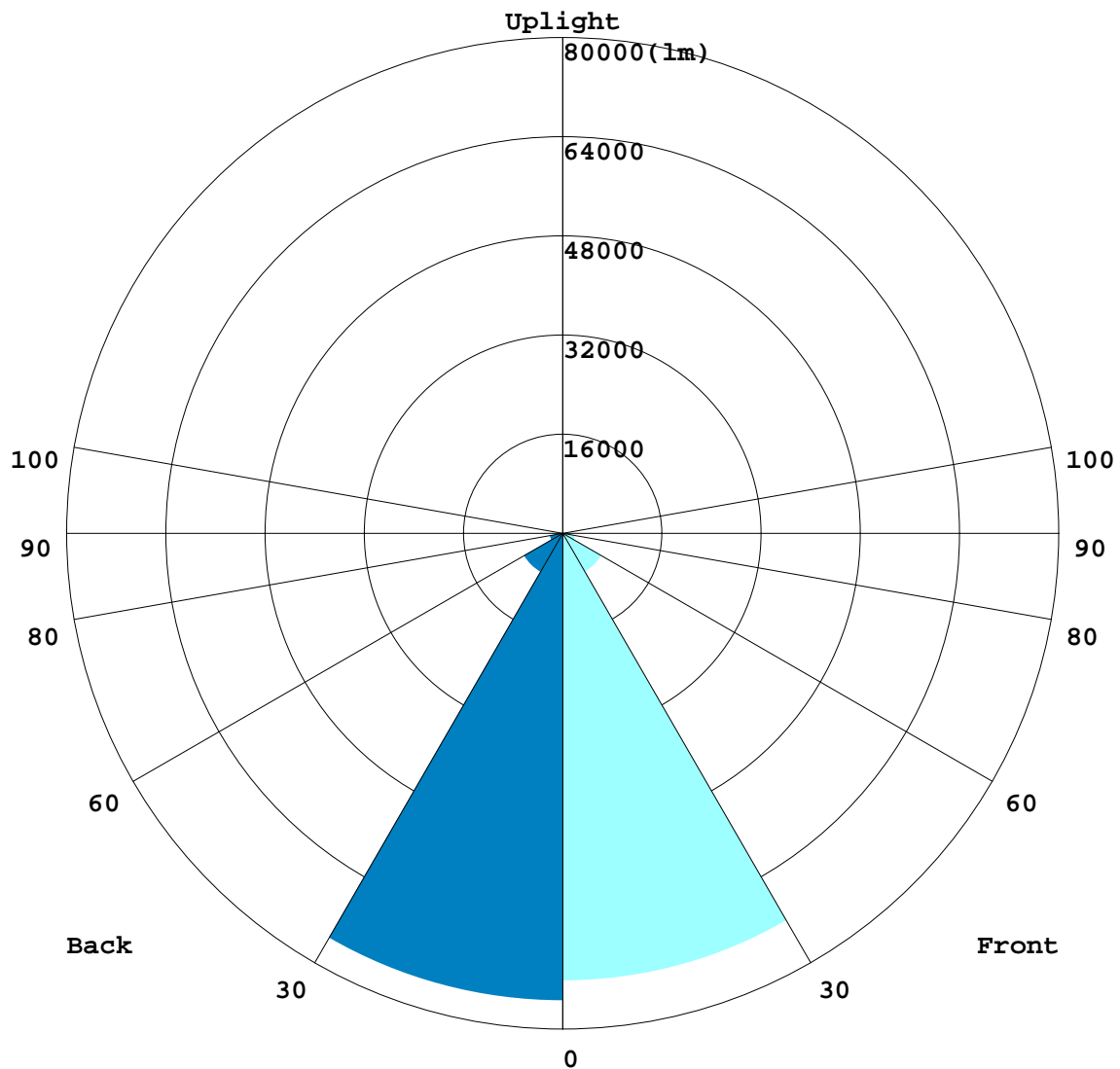
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: yanyonggeng  
Test Date: 2025-5-26

$\gamma$  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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-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:2025-5-26

$\gamma$  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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-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)	72176	43.3
FM - Front-Medium(30-60)	7202.6	4.3
FH - Front-High(60-80)	2096.2	1.3
FVH - Front-Very High(80-90)	171.91	0.1
Total Forward Light	81646	49.0

BL - Back-Low(0-30)	75367	45.3
BM - Back-Medium(30-60)	7182.3	4.3
BH - Back-High(60-80)	2118.3	1.3
BVH - Back-Very High(80-90)	210.12	0.1
Total Back Light	84878	51.0

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	84878	0	84878
Street Side	81646	0	81646

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:yanyonggeng  
 Test Date:2025-5-26

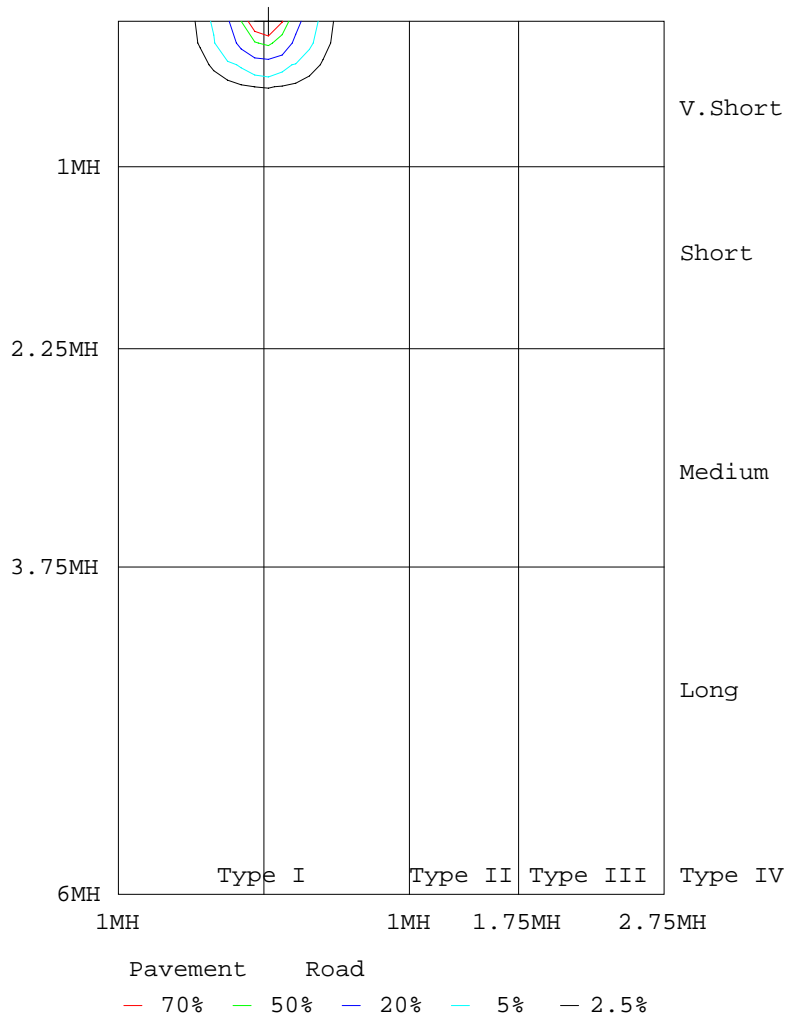
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.363T  
 Humidity:65.0%  
 Test Distance:7.682m [K=1.0000]  
 Remarks:



### ROAD ISOCANDELA REPORT

Test:U:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-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:2025-5-26

$\gamma$  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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×1000cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208	1208
5	990	989	975	979	970	980	977	989	986	997	996	1011	1028	1033	1052	1048	1060	1047	1050
10	501	502	488	495	484	494	489	504	497	506	493	502	523	521	545	542	559	545	553
15	165	170	167	170	160	156	149	155	153	154	142	139	144	142	154	158	167	162	168
20	66.1	70.5	74.0	75.3	67.9	61.6	57.4	59.6	61.0	61.1	54.3	49.9	49.7	49.9	55.2	59.2	60.5	56.3	55.8
25	34.0	36.3	39.9	41.6	36.1	32.0	30.1	31.4	32.4	32.7	29.5	28.1	28.4	28.4	31.5	33.8	34.1	31.6	31.3
30	18.2	19.3	21.0	22.2	19.4	17.4	16.3	17.0	17.5	17.8	16.2	15.1	15.2	15.3	16.8	18.0	18.3	17.2	17.3
35	10.8	11.2	12.3	12.6	11.4	10.1	9.49	9.94	10.3	10.6	9.72	9.05	9.21	9.40	10.4	11.0	11.2	10.6	10.5
40	6.73	7.02	7.69	7.96	7.30	6.76	6.41	6.66	6.82	6.94	6.49	6.16	6.23	6.38	6.77	7.07	7.12	6.70	6.67
45	5.04	5.16	5.47	5.93	5.46	5.06	4.93	4.99	5.18	5.21	4.91	4.72	4.79	4.80	5.23	5.38	5.25	5.00	5.03
50	4.18	4.30	4.49	4.77	4.43	4.25	4.12	4.15	4.19	4.39	4.01	3.90	3.93	3.96	4.14	4.45	4.28	4.15	4.13
55	3.75	3.81	3.93	4.07	3.89	3.76	3.67	3.65	3.67	3.69	3.51	3.41	3.43	3.42	3.55	3.68	3.68	3.59	3.60
60	3.43	3.34	3.42	3.52	3.38	3.28	3.31	3.17	3.19	3.21	3.07	2.97	3.09	3.01	3.13	3.23	3.21	3.14	3.26
65	2.91	2.79	2.79	2.90	2.75	2.71	2.77	2.64	2.60	2.67	2.53	2.49	2.64	2.53	2.61	2.72	2.69	2.63	2.80
70	2.24	2.17	2.12	2.20	2.09	2.11	2.13	2.05	1.98	2.04	1.93	1.95	2.06	1.99	2.03	2.11	2.09	2.09	2.22
75	1.54	1.54	1.44	1.49	1.42	1.48	1.44	1.44	1.35	1.40	1.32	1.38	1.43	1.41	1.43	1.48	1.49	1.52	1.60
80	0.87	0.89	0.80	0.83	0.78	0.83	0.79	0.82	0.76	0.79	0.74	0.80	0.82	0.83	0.85	0.89	0.90	0.94	0.97
85	0.29	0.32	0.26	0.28	0.24	0.27	0.24	0.27	0.24	0.27	0.25	0.30	0.30	0.31	0.33	0.36	0.37	0.38	0.39
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:2025-5-26

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:219.0V I:4.574A P:999.4W PF:0.9976 Freq:50.01Hz Lamp Flux:166524x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NVS-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×1000cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1208	1208	1208	1208	1208														
5	1028	1027	1009	1012	999														
10	534	540	522	527	509														
15	165	174	173	177	168														
20	57.5	65.0	70.4	72.2	67.5														
25	31.9	35.5	38.2	38.5	34.9														
30	17.5	19.3	20.3	20.3	18.7														
35	10.8	11.7	12.4	12.1	11.0														
40	6.81	7.36	7.69	7.58	6.94														
45	5.09	5.35	5.71	5.47	5.08														
50	4.22	4.34	4.50	4.38	4.21														
55	3.63	3.72	3.82	3.78	3.70														
60	3.19	3.27	3.37	3.35	3.28														
65	2.67	2.73	2.83	2.78	2.74														
70	2.12	2.13	2.19	2.14	2.14														
75	1.55	1.51	1.53	1.50	1.53														
80	0.95	0.90	0.90	0.88	0.89														
85	0.37	0.36	0.35	0.34	0.32														
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:2025-5-26

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: