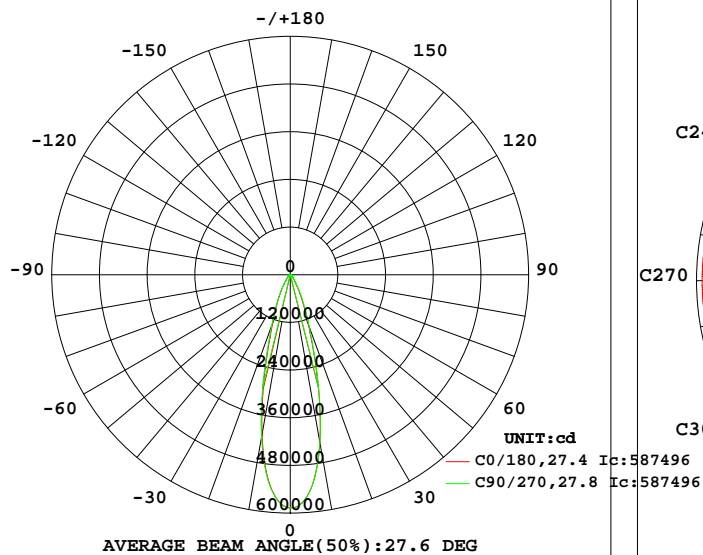
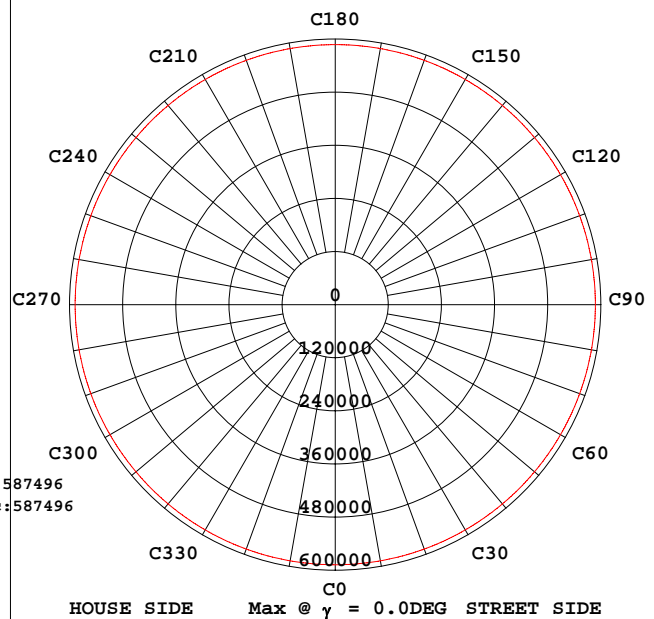


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.8V I:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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: 187.51 lm/W			
MODEL	5050	Imax(cd)	587496	η street_up(%)	0.0
NOMINAL POWER(W)	1000	LOR(%)	100.0	η street_down(%)	50.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	188319	η house_up(%)	0.0
NOMINAL FLUX(lm)	188319	MAXIMUM @(C, γ)	0,0.0	η house_down(%)	49.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.241

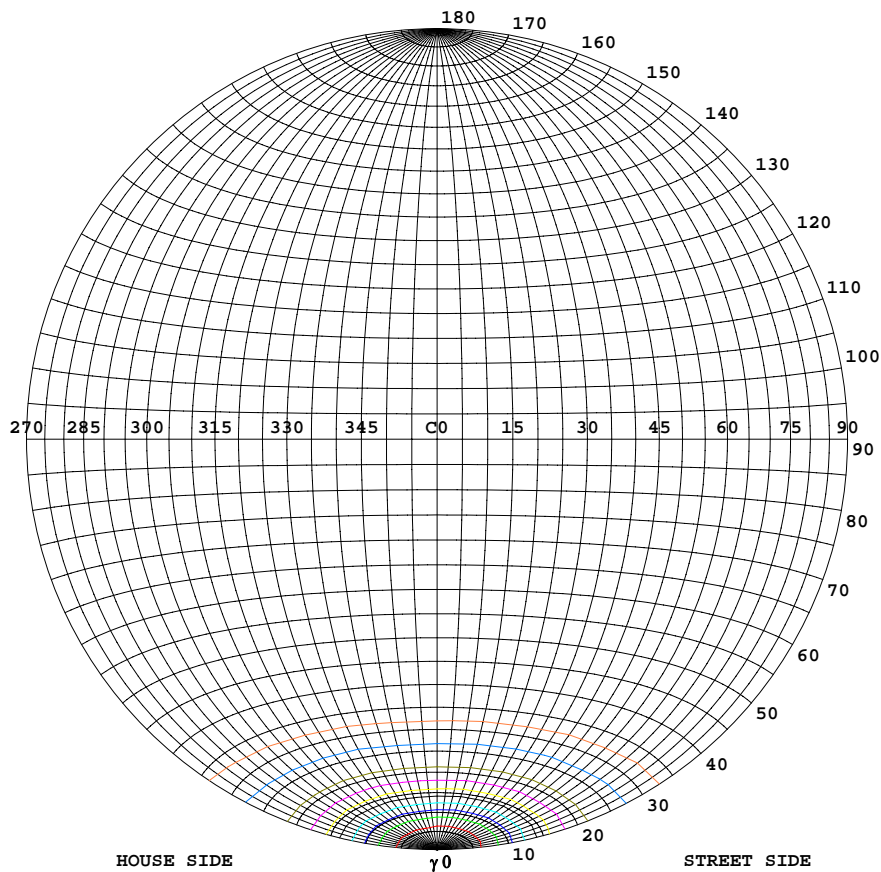
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



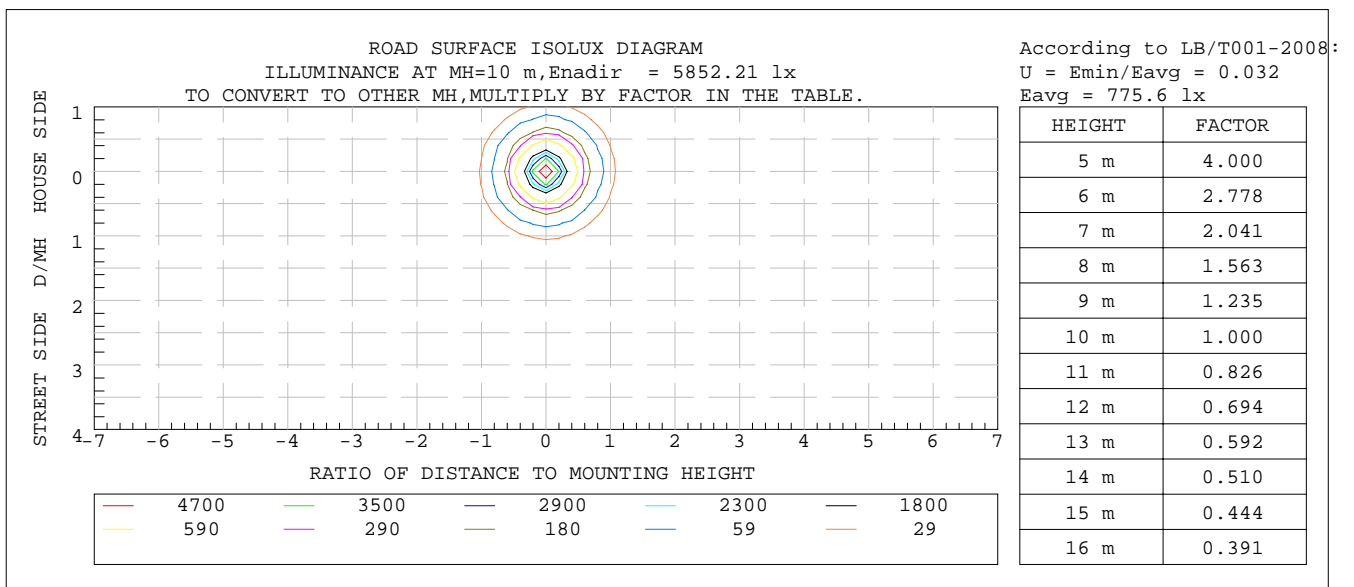
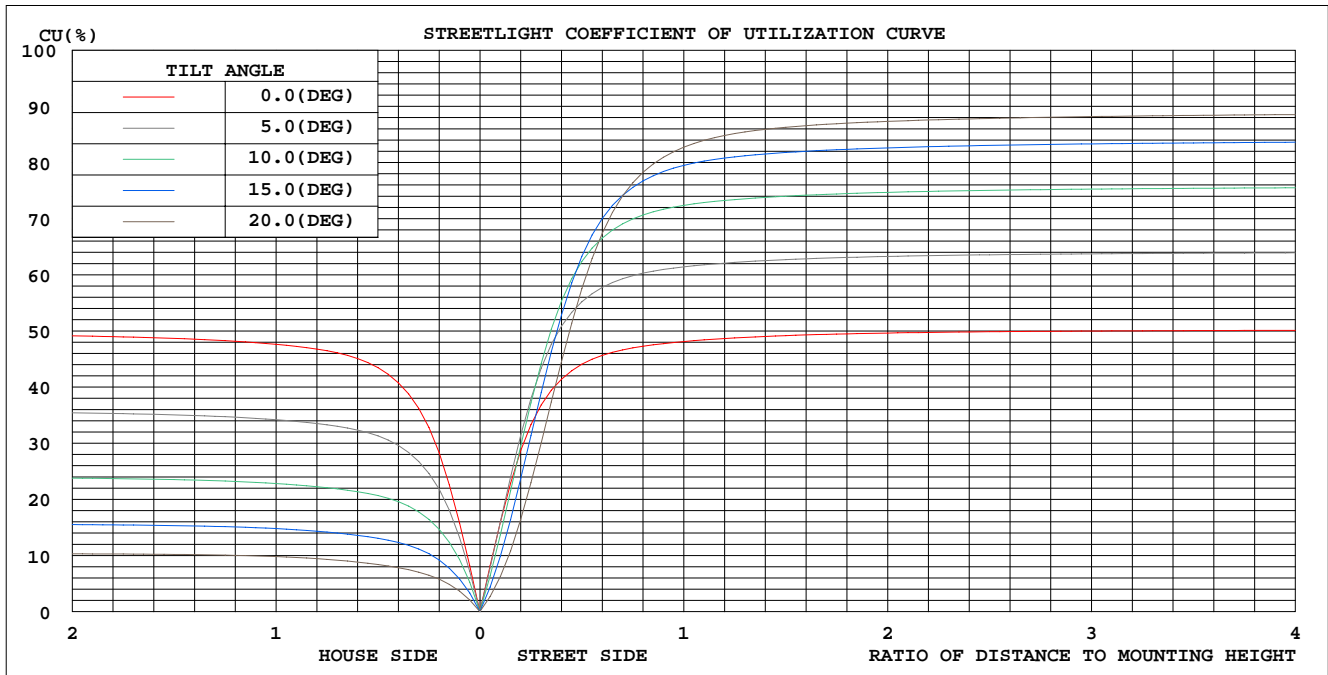
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:5.905cd/klm
Max.At90:0cd/klm
Max.80-90:5.905cd/klm
NRB 5101:Limited[0.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	587496
90%	528747
80%	469997
70%	411247
60%	352498
50%	293748
40%	234999
30%	176249
20%	117499
10%	58750
5%	29375

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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

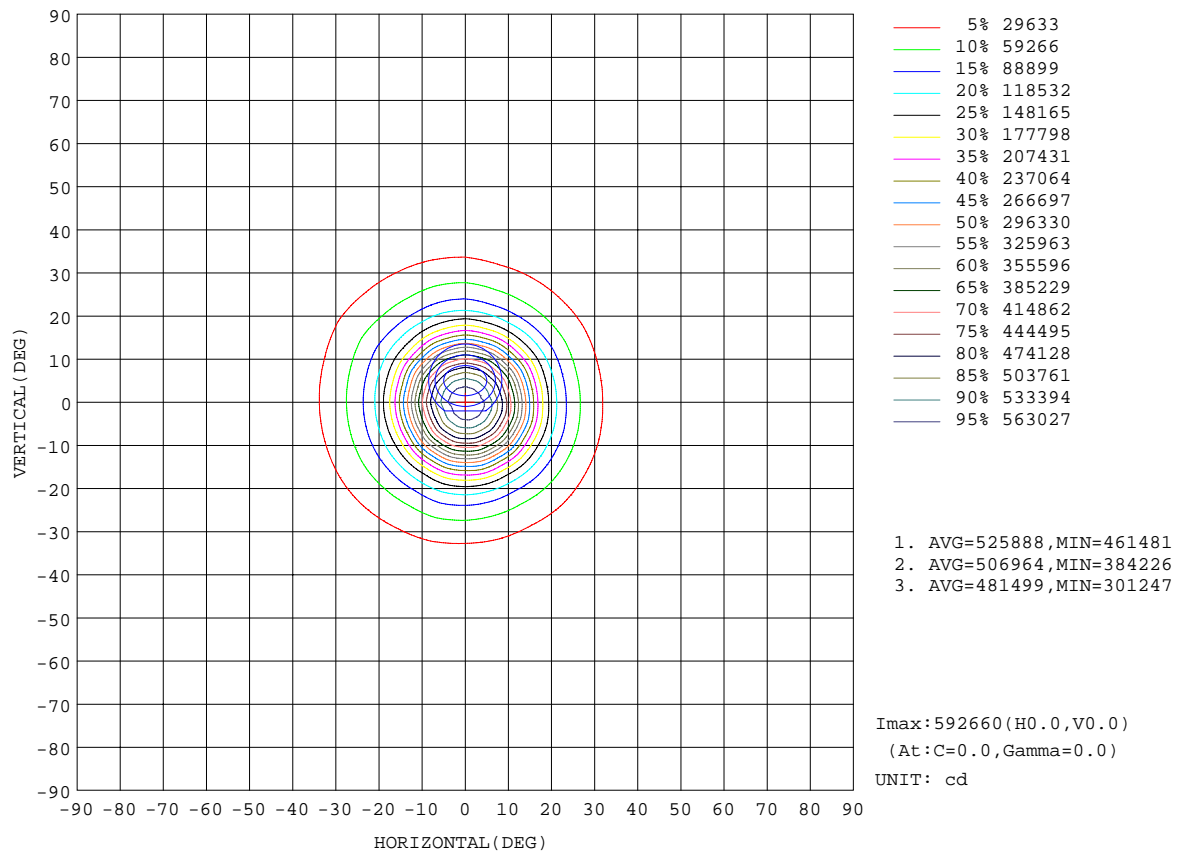
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4293	4371	4301	4223	4096	4085	4169	4224	0- 10	48170	48170	25.6,25.6
20	1345	1407	1404	1330	1306	1315	1370	1349	10- 20	70298	118468	62.9,62.9
30	378.3	397.1	425.2	429.5	447.4	448.5	457.4	394.3	20- 30	35916	154384	82,82
40	122.6	129.7	130.3	135.0	145.3	146.1	136.1	123.0	30- 40	15108	169491	90,90
50	69.38	71.49	74.68	75.69	77.48	76.58	76.57	70.59	40- 50	7412	176904	93.9,93.9
60	47.89	46.64	50.45	48.91	50.98	48.33	50.04	46.06	50- 60	5370	182274	96.8,96.8
70	27.89	27.53	28.78	27.76	27.89	26.87	27.94	26.56	60- 70	3657	185931	98.7,98.7
80	10.71	10.84	11.12	10.37	9.911	9.642	10.21	10.04	70- 80	1948	187879	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	439.8	188319	100,100
100	0	0	0	0	0	0	0	0	90-100	0	188319	100,100
110	0	0	0	0	0	0	0	0	100-110	0	188319	100,100
120	0	0	0	0	0	0	0	0	110-120	0	188319	100,100
130	0	0	0	0	0	0	0	0	120-130	0	188319	100,100
140	0	0	0	0	0	0	0	0	130-140	0	188319	100,100
150	0	0	0	0	0	0	0	0	140-150	0	188319	100,100
160	0	0	0	0	0	0	0	0	150-160	0	188319	100,100
170	0	0	0	0	0	0	0	0	160-170	0	188319	100,100
180	0	0	0	0	0	0	0	0	170-180	0	188319	100,100
DEG	LUMINOUS INTENSITY:x100cd									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

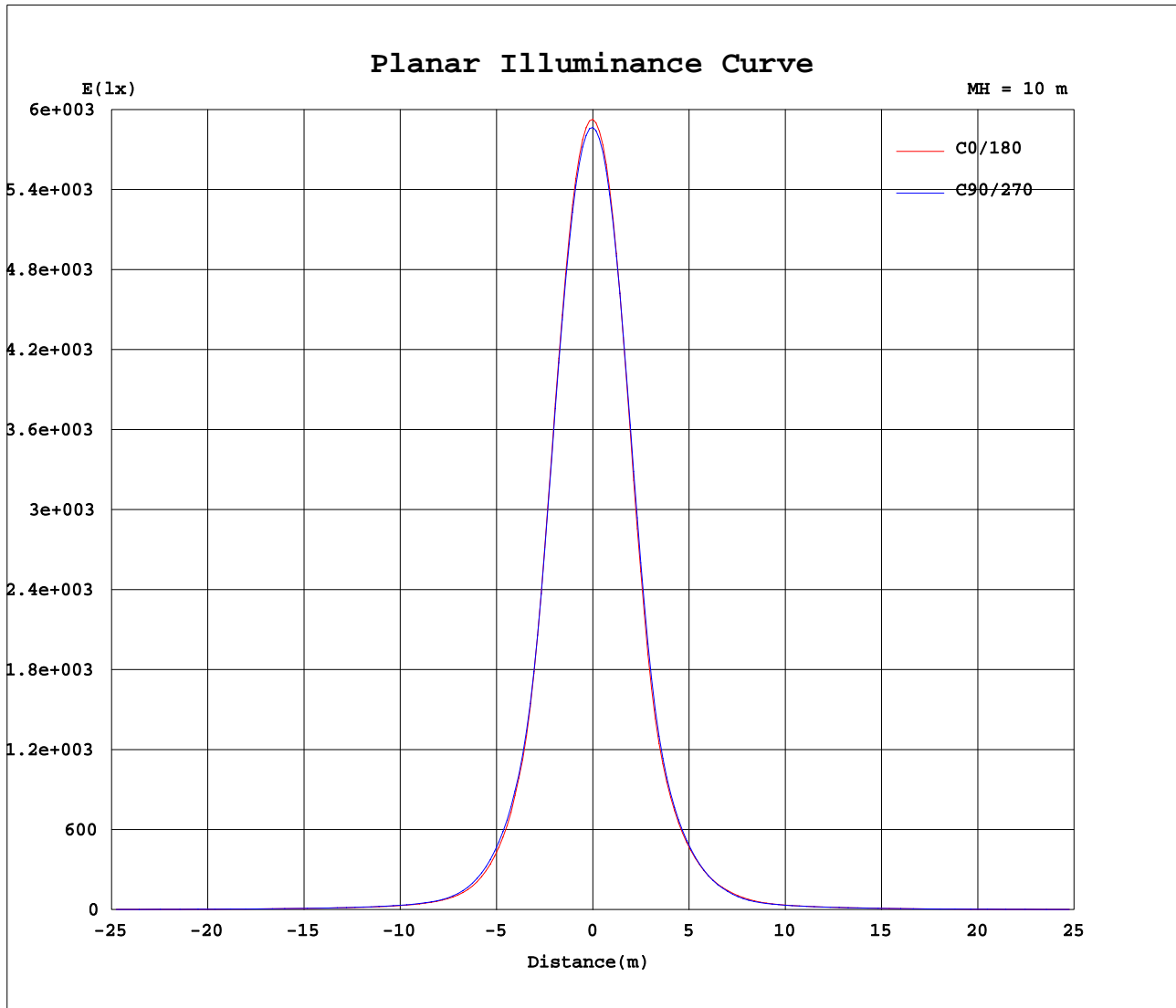
Test:U:218.8V I:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-NV-A5-00-4070-30D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



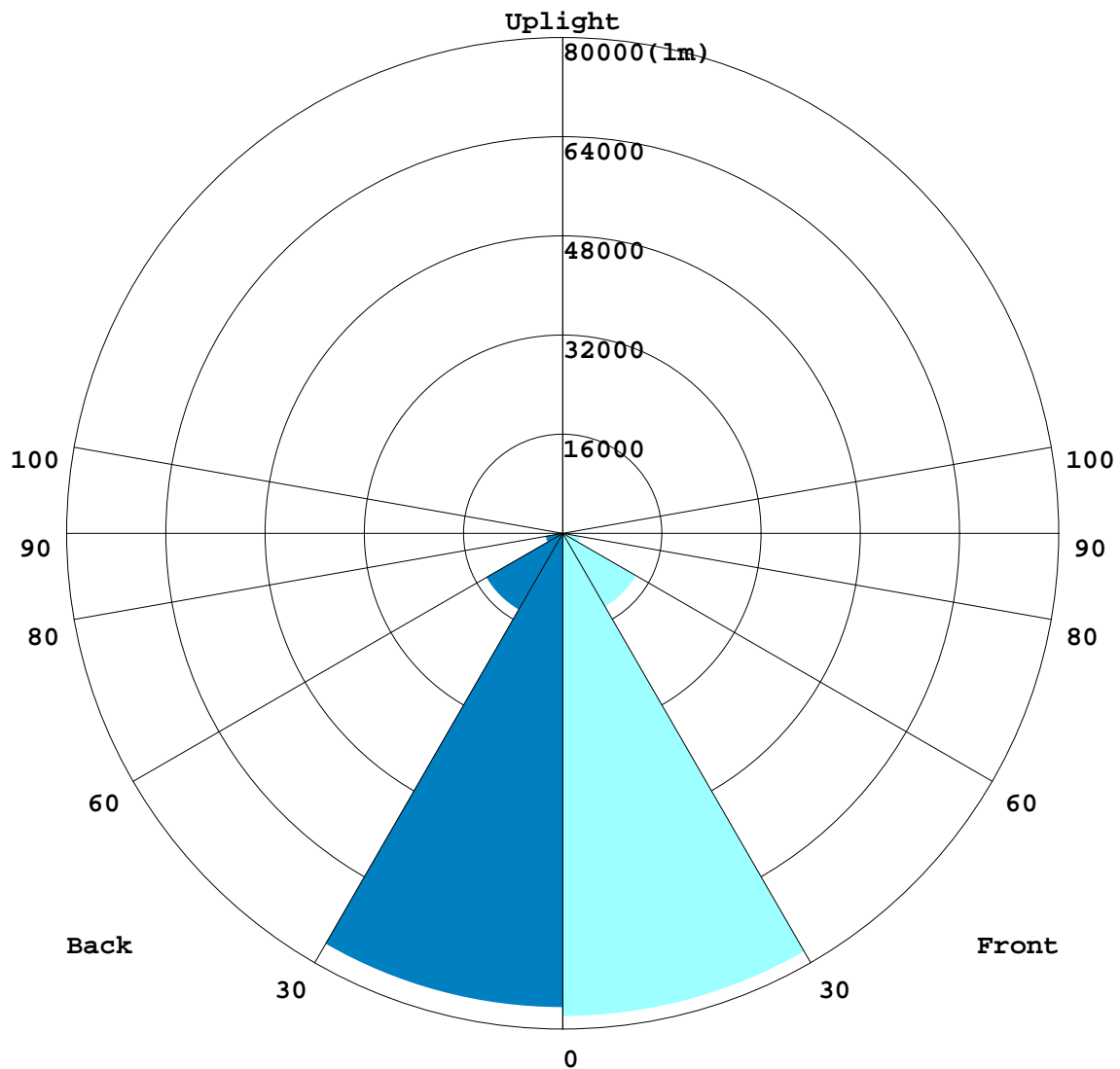
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-30

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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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)	77905	41.4
FM - Front-Medium(30-60)	13678	7.3
FH - Front-High(60-80)	2828.1	1.5
FVH - Front-Very High(80-90)	230.95	0.1
Total Forward Light	94642	50.3

BL - Back-Low(0-30)	76479	40.6
BM - Back-Medium(30-60)	14212	7.5
BH - Back-High(60-80)	2777.2	1.5
BVH - Back-Very High(80-90)	208.85	0.1
Total Back Light	93677	49.7

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	93677	0	93677
Street Side	94642	0	94642

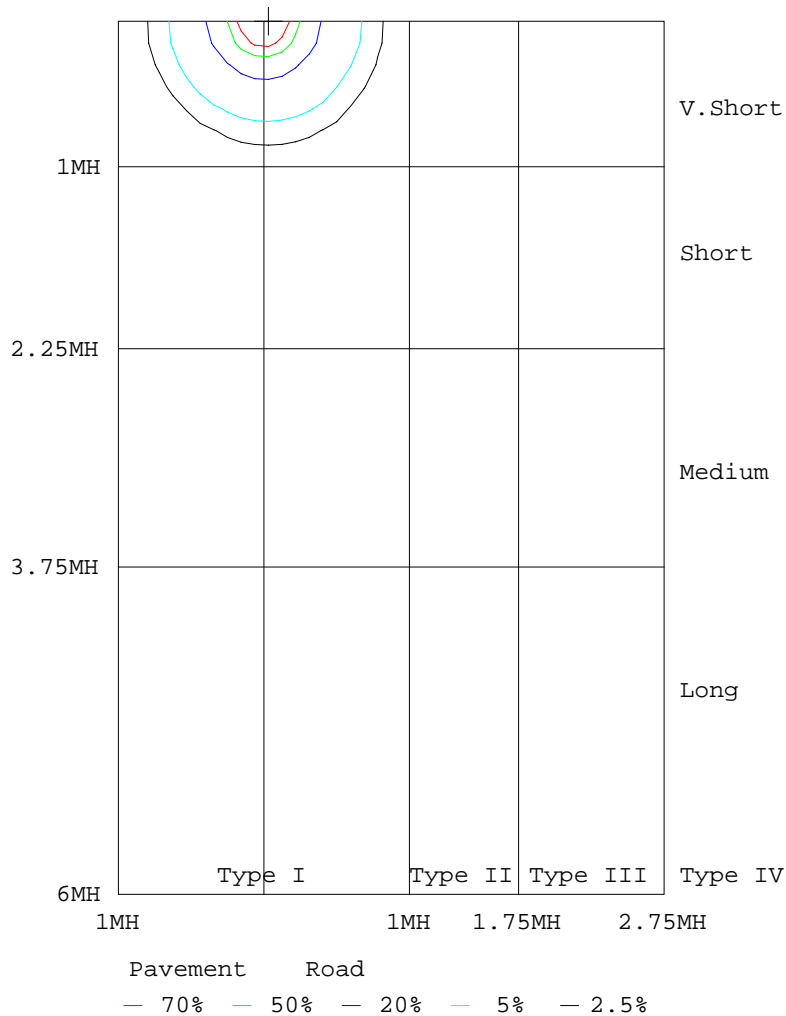
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-30

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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875	5875
5	5499	5529	5512	5536	5516	5525	5503	5508	5474	5472	5428	5419	5419	5391	5411	5394	5418	5405	5432
10	4293	4351	4327	4371	4329	4348	4301	4308	4238	4223	4128	4102	4096	4051	4104	4085	4135	4115	4169
15	2613	2701	2658	2714	2634	2696	2632	2650	2547	2541	2433	2450	2444	2385	2472	2435	2506	2479	2550
20	1345	1397	1394	1407	1360	1399	1404	1408	1335	1330	1312	1315	1306	1299	1336	1315	1336	1350	1370
25	724	750	754	757	732	762	788	800	754	756	772	777	763	772	801	765	766	792	797
30	378	390	390	397	389	409	425	441	421	429	445	449	447	456	478	449	444	460	457
35	199	205	205	209	206	215	221	232	230	242	249	256	260	263	279	260	256	255	251
40	123	126	127	130	128	131	130	133	131	135	139	143	145	148	155	146	143	140	136
45	86.9	89.1	89.9	91.9	90.9	92.3	93.2	94.4	92.6	94.3	96.1	97.2	96.5	97.9	101	97.1	95.8	96.0	95.2
50	69.4	70.0	70.1	71.5	70.7	72.5	74.7	75.6	74.3	75.7	76.4	77.1	77.5	77.0	78.2	76.6	75.8	76.5	76.6
55	58.5	56.6	56.4	57.7	56.9	59.0	62.2	61.7	60.4	61.8	61.3	62.0	64.7	61.6	62.1	61.8	61.1	61.2	63.0
60	47.9	45.8	45.0	46.6	45.8	47.4	50.5	48.7	47.7	48.9	47.6	48.6	51.0	48.2	48.0	48.3	47.8	47.5	50.0
65	37.2	36.3	35.4	36.8	36.1	37.1	38.7	37.5	36.9	37.7	36.6	37.5	38.6	37.1	36.7	37.0	36.6	36.4	38.1
70	27.9	27.4	26.4	27.5	26.9	27.8	28.8	28.0	27.1	27.8	26.8	27.8	27.9	27.1	26.8	26.9	26.7	26.8	27.9
75	19.0	18.8	18.1	18.8	18.4	19.1	19.6	19.1	18.3	18.6	18.0	18.5	18.3	18.0	17.8	17.7	17.8	18.0	18.6
80	10.7	10.7	10.3	10.8	10.5	10.9	11.1	10.8	10.3	10.4	9.87	10.2	9.91	9.67	9.62	9.64	9.79	9.85	10.2
85	3.64	3.84	3.66	3.92	3.65	3.97	3.88	3.84	3.42	3.68	3.22	3.45	3.27	2.94	3.22	2.98	3.30	3.15	3.53
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:4.601A P:1004W PF:0.9976 Freq:50.01Hz Lamp Flux:188319x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1000WFSC-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	5875	5875	5875	5875	5875														
5	5426	5463	5461	5498	5498														
10	4159	4228	4224	4292	4286														
15	2512	2580	2572	2651	2621														
20	1325	1333	1349	1388	1358														
25	741	728	735	752	727														
30	414	400	394	397	383														
35	222	213	205	206	199														
40	126	123	123	123	123														
45	89.9	88.2	87.9	88.1	86.8														
50	72.4	70.8	70.6	70.3	69.0														
55	59.2	57.9	57.8	56.9	56.3														
60	46.5	46.1	46.1	45.1	45.3														
65	35.9	35.9	35.9	35.4	35.7														
70	26.6	26.6	26.6	26.4	26.8														
75	18.0	18.1	17.9	17.9	18.2														
80	9.90	10.1	10.04	10.1	10.2														
85	3.19	3.52	3.30	3.64	3.43														
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: