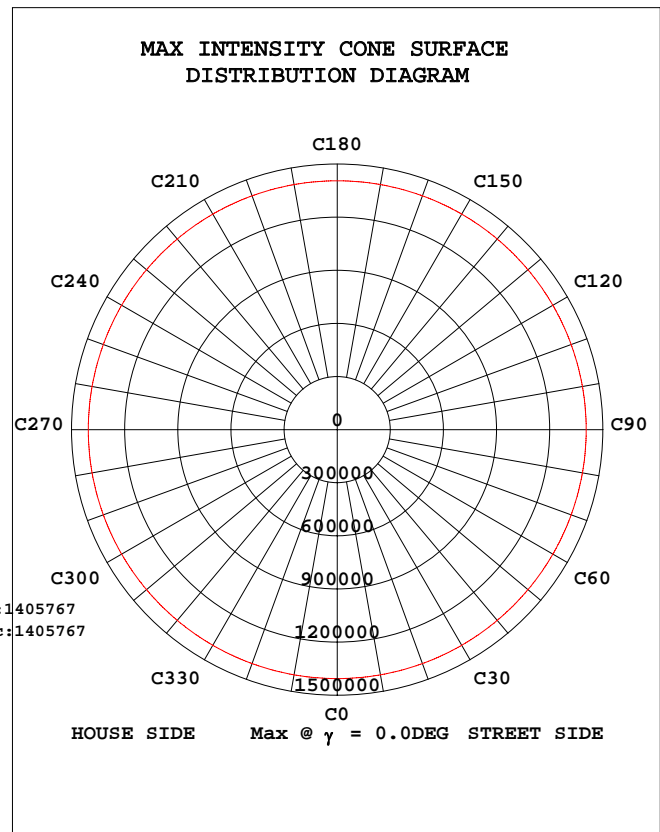
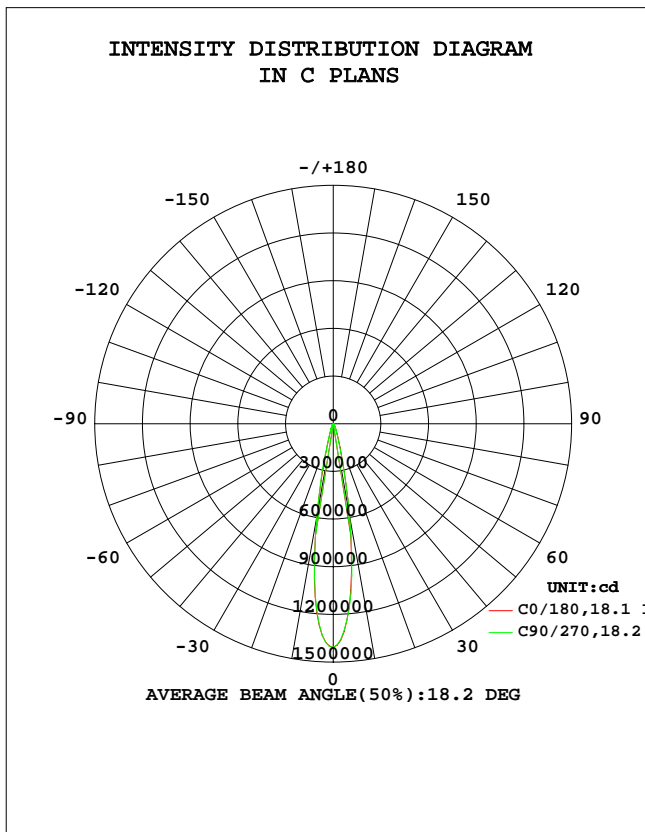


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.8V I:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.84 lm/W			
MODEL	3535	I _{max} (cd)	1405767	η street_up(%)	0.0
NOMINAL POWER(W)	1200	LOR(%)	100.0	η street_down(%)	50.6
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	192196	η house_up(%)	0.0
NOMINAL FLUX(lm)	192196	MAXIMUM @(C,γ)	0,0.0	η house_down(%)	49.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.153

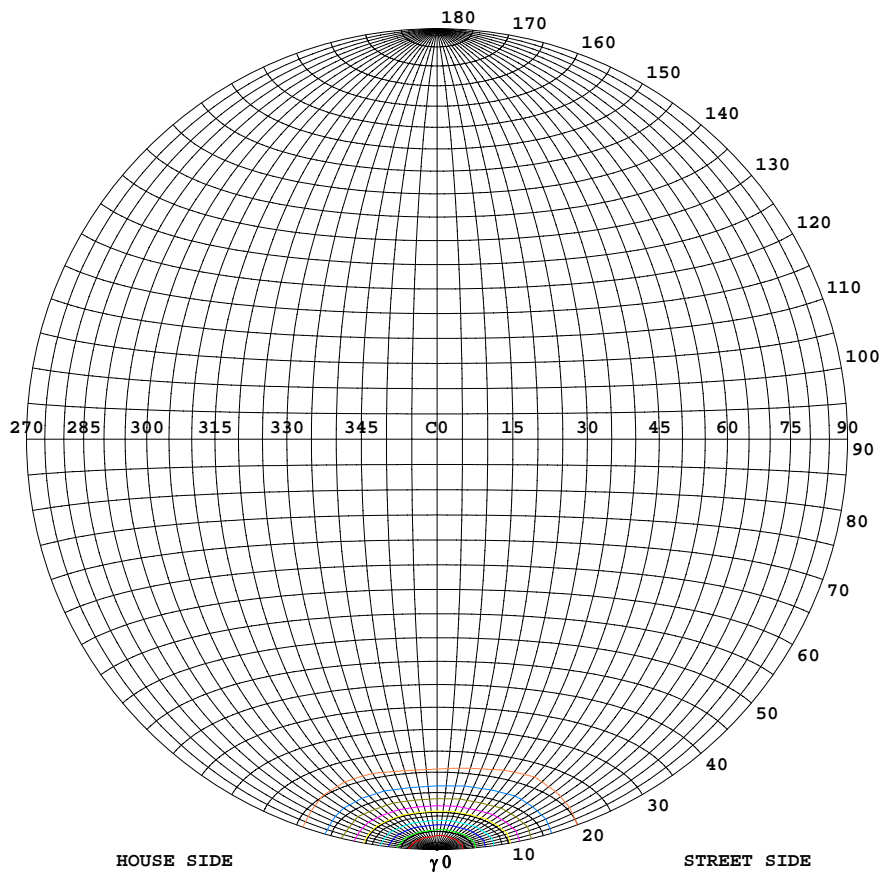


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



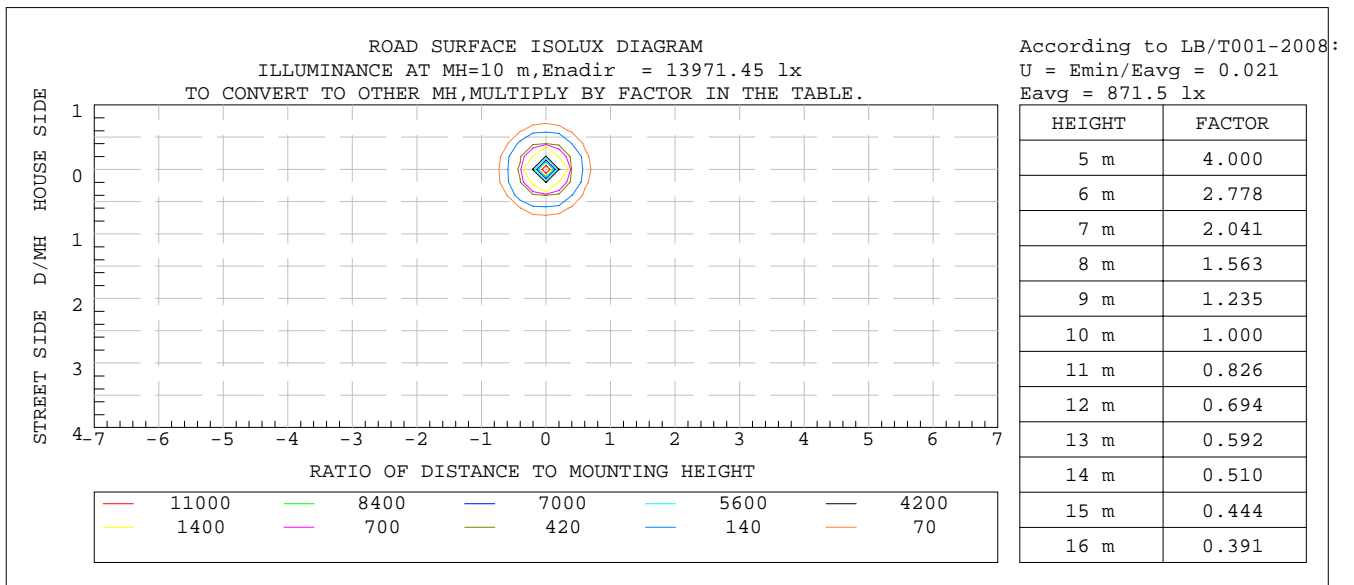
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:5.541cd/klm
Max.At90:0cd/klm
Max.80-90:5.541cd/klm
NRB 5101:Limited[0.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1405767
90%	1265190
80%	1124614
70%	984037
60%	843460
50%	702884
40%	562307
30%	421730
20%	281153
10%	140577
5%	70288

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-23

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: 2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

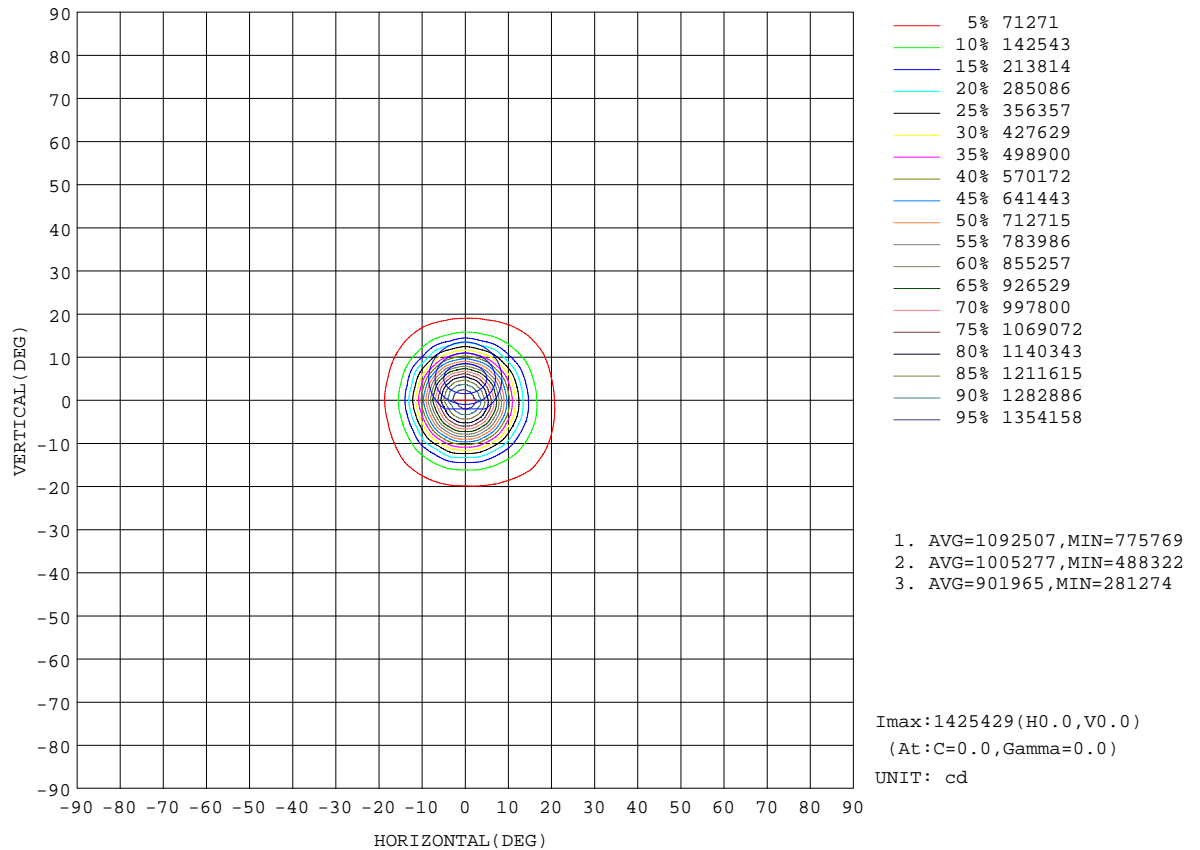
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	588.6	607.8	600.5	600.0	593.8	586.7	599.0	586.6	0- 10	92520	92520	48.1,48.1
20	77.13	90.83	69.51	71.66	55.93	65.25	60.66	79.22	10- 20	59741	152261	79.2,79.2
30	21.02	26.77	19.43	20.73	17.22	19.94	19.08	23.06	20- 30	18112	170373	88.6,88.6
40	7.734	9.395	7.509	8.060	7.079	7.918	7.481	8.753	30- 40	8022	178395	92.8,92.8
50	4.802	5.564	4.786	5.080	4.489	5.036	4.691	5.142	40- 50	4697	183093	95.3,95.3
60	3.955	4.093	3.854	3.716	3.540	3.682	3.727	3.863	50- 60	3813	186906	97.2,97.2
70	2.596	2.585	2.506	2.375	2.350	2.390	2.527	2.502	60- 70	3072	189978	98.8,98.8
80	1.005	0.9935	0.9545	0.9236	0.9258	0.9742	1.065	1.011	70- 80	1783	191762	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	433.9	192196	100,100
100	0	0	0	0	0	0	0	0	90-100	0	192196	100,100
110	0	0	0	0	0	0	0	0	100-110	0	192196	100,100
120	0	0	0	0	0	0	0	0	110-120	0	192196	100,100
130	0	0	0	0	0	0	0	0	120-130	0	192196	100,100
140	0	0	0	0	0	0	0	0	130-140	0	192196	100,100
150	0	0	0	0	0	0	0	0	140-150	0	192196	100,100
160	0	0	0	0	0	0	0	0	150-160	0	192196	100,100
170	0	0	0	0	0	0	0	0	160-170	0	192196	100,100
180	0	0	0	0	0	0	0	0	170-180	0	192196	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:2025-5-23

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

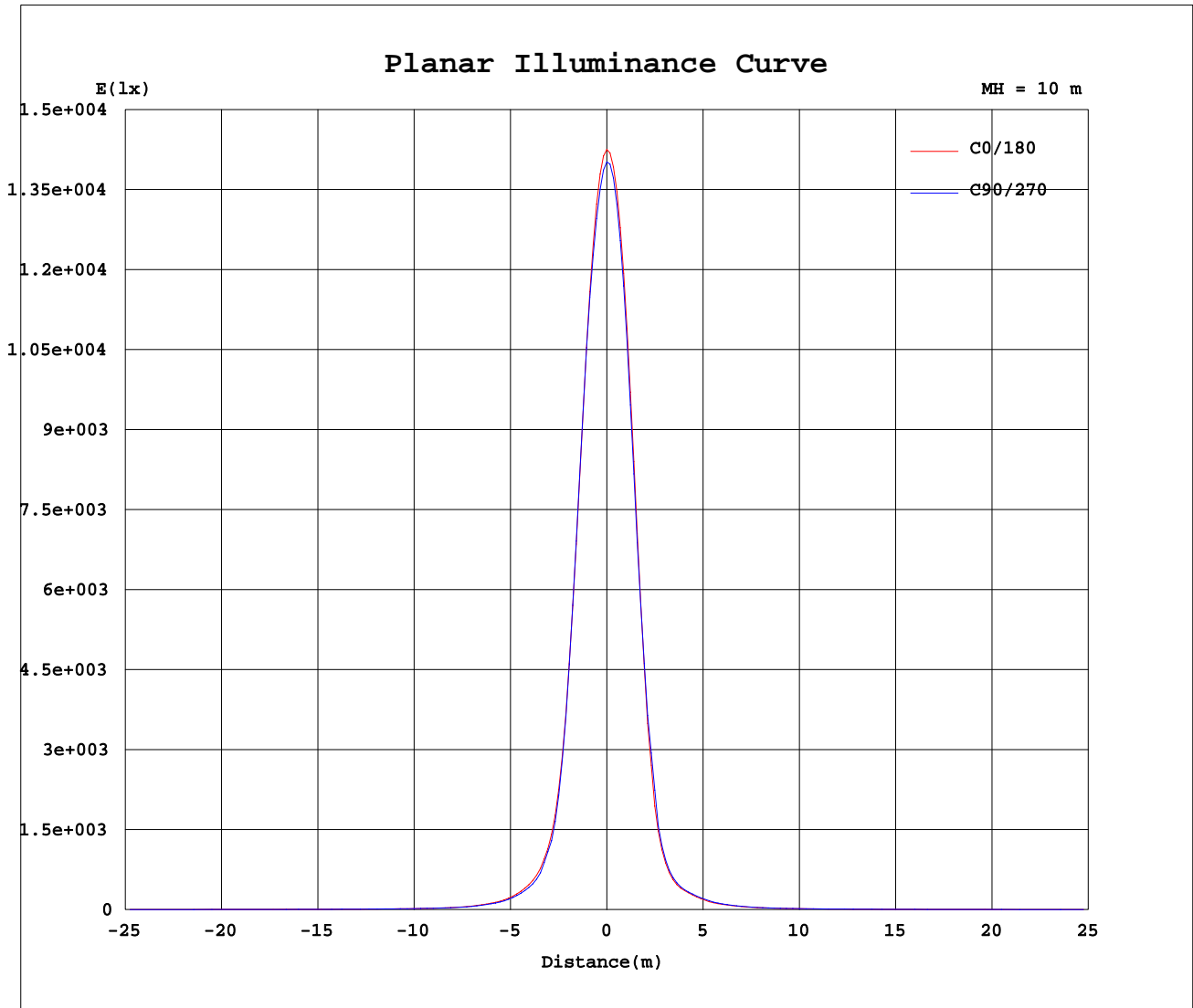
Test:U:218.8V I:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-23

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



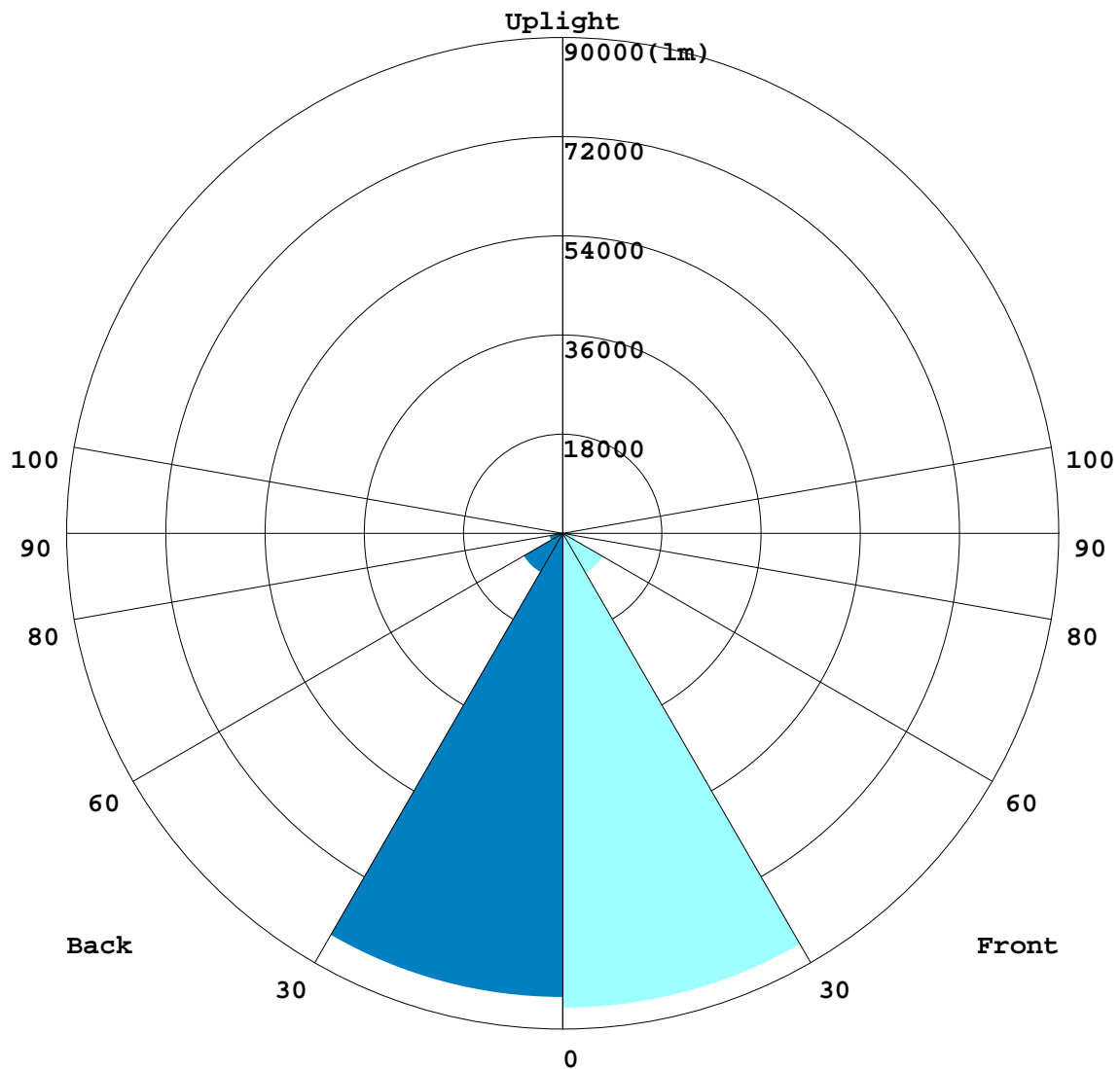
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-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:2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-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)	86161	44.8
FM - Front-Medium(30-60)	8403.5	4.4
FH - Front-High(60-80)	2446.4	1.3
FVH - Front-Very High(80-90)	205.57	0.1
Total Forward Light	97216	50.6

BL - Back-Low(0-30)	84212	43.8
BM - Back-Medium(30-60)	8129.4	4.2
BH - Back-High(60-80)	2409.6	1.3
BVH - Back-Very High(80-90)	228.28	0.1
Total Back Light	94979	49.4

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	94979	0	94979
Street Side	97216	0	97216

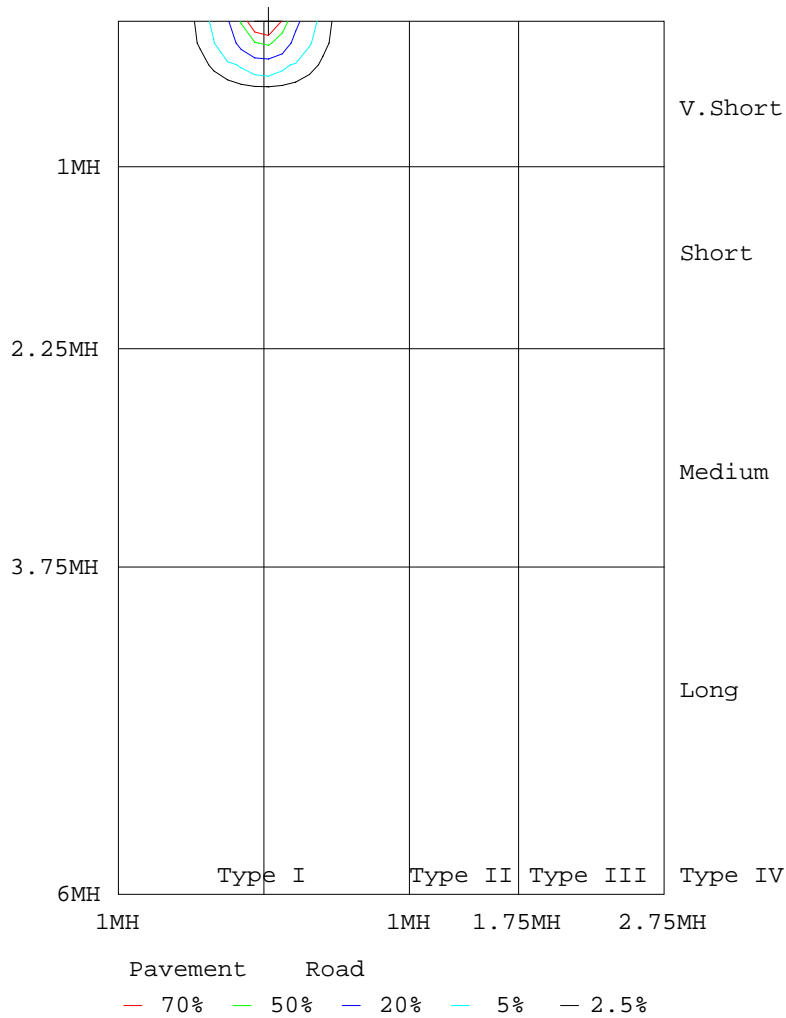
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-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:2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-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	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406
5	1156	1166	1158	1166	1159	1170	1165	1174	1166	1173	1164	1175	1190	1184	1196	1185	1193	1180	1186
10	589	602	593	608	599	610	601	613	600	600	576	578	594	579	595	587	601	587	599
15	194	204	203	209	198	195	184	190	185	183	165	158	161	155	166	166	175	168	174
20	77.1	83.5	88.7	90.8	82.1	74.6	69.5	72.0	72.6	71.7	62.6	57.0	55.9	56.0	61.5	65.3	65.9	61.2	60.7
25	39.4	42.7	47.6	50.0	43.4	38.4	36.1	37.6	38.6	38.3	34.1	31.7	31.8	31.8	35.1	37.5	37.5	34.7	34.6
30	21.0	22.7	25.0	26.8	23.2	20.7	19.4	20.2	20.7	20.7	18.6	17.2	17.2	17.2	18.9	19.9	20.1	19.0	19.1
35	12.3	13.2	14.3	15.0	13.5	12.0	11.4	11.8	12.4	12.4	11.2	10.3	10.4	10.7	11.6	12.3	12.3	11.8	11.6
40	7.73	8.17	9.02	9.39	8.56	7.92	7.51	7.80	7.97	8.06	7.46	7.04	7.08	7.23	7.63	7.92	7.96	7.47	7.48
45	5.78	5.97	6.38	6.88	6.38	5.90	5.74	5.82	6.06	6.01	5.64	5.42	5.46	5.46	5.93	6.10	5.91	5.65	5.68
50	4.80	4.97	5.21	5.56	5.13	4.92	4.79	4.83	4.86	5.08	4.61	4.47	4.49	4.52	4.71	5.04	4.85	4.71	4.69
55	4.32	4.39	4.55	4.72	4.51	4.36	4.26	4.24	4.26	4.27	4.04	3.91	3.93	3.91	4.05	4.20	4.18	4.09	4.12
60	3.96	3.86	3.97	4.09	3.94	3.83	3.85	3.68	3.71	3.72	3.53	3.42	3.54	3.44	3.57	3.68	3.65	3.59	3.73
65	3.37	3.23	3.25	3.39	3.22	3.19	3.25	3.07	3.04	3.10	2.92	2.88	3.02	2.87	2.97	3.09	3.04	3.00	3.19
70	2.60	2.51	2.48	2.58	2.46	2.50	2.51	2.40	2.32	2.37	2.23	2.26	2.35	2.25	2.29	2.39	2.36	2.37	2.53
75	1.78	1.78	1.69	1.77	1.68	1.76	1.71	1.69	1.59	1.63	1.53	1.60	1.63	1.59	1.61	1.66	1.67	1.71	1.79
80	1.01	1.04	0.95	0.99	0.94	1.01	0.95	0.98	0.90	0.92	0.86	0.93	0.93	0.93	0.93	0.97	0.98	1.04	1.06
85	0.34	0.36	0.31	0.35	0.30	0.35	0.30	0.34	0.29	0.33	0.29	0.34	0.34	0.33	0.35	0.37	0.39	0.40	0.41
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:2025-5-23

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:5.540A P:1210W PF:0.9981 Freq:50.01Hz Lamp Flux:192196x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-1200WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×1000cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1406	1406	1406	1406	1406														
5	1164	1169	1155	1167	1159														
10	584	597	587	599	589														
15	174	189	191	199	193														
20	63.1	72.3	79.2	82.1	78.2														
25	35.6	39.8	43.3	43.8	40.3														
30	19.6	21.7	23.1	23.2	21.6														
35	12.1	13.2	13.8	13.8	12.6														
40	7.66	8.34	8.75	8.68	7.98														
45	5.78	6.08	6.54	6.26	5.84														
50	4.81	4.97	5.14	5.02	4.84														
55	4.16	4.26	4.38	4.34	4.26														
60	3.64	3.74	3.86	3.84	3.78														
65	3.04	3.12	3.25	3.19	3.16														
70	2.41	2.42	2.50	2.45	2.48														
75	1.74	1.71	1.73	1.71	1.77														
80	1.05	1.01	1.01	0.99	1.03														
85	0.40	0.39	0.38	0.37	0.36														
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:2025-5-23

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: