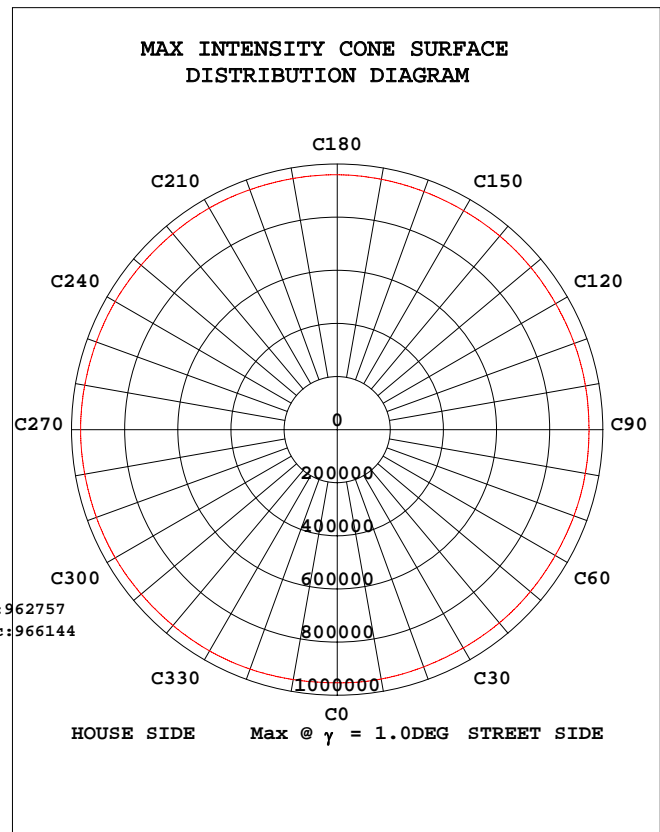
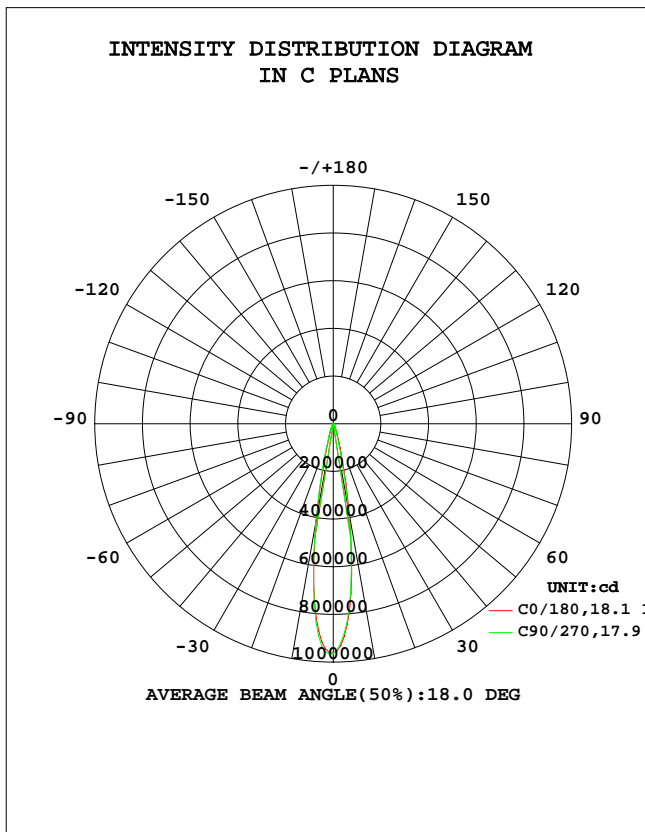


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.0V I:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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: 163.10 lm/W			
MODEL	3535	I _{max} (cd)	966144	η street_up(%)	0.0
NOMINAL POWER(W)	800	LOR(%)	100.0	η street_down(%)	48.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	129917	η house_up(%)	0.0
NOMINAL FLUX(lm)	129917	MAXIMUM @(C,γ)	270,1.0	η house_down(%)	51.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.576

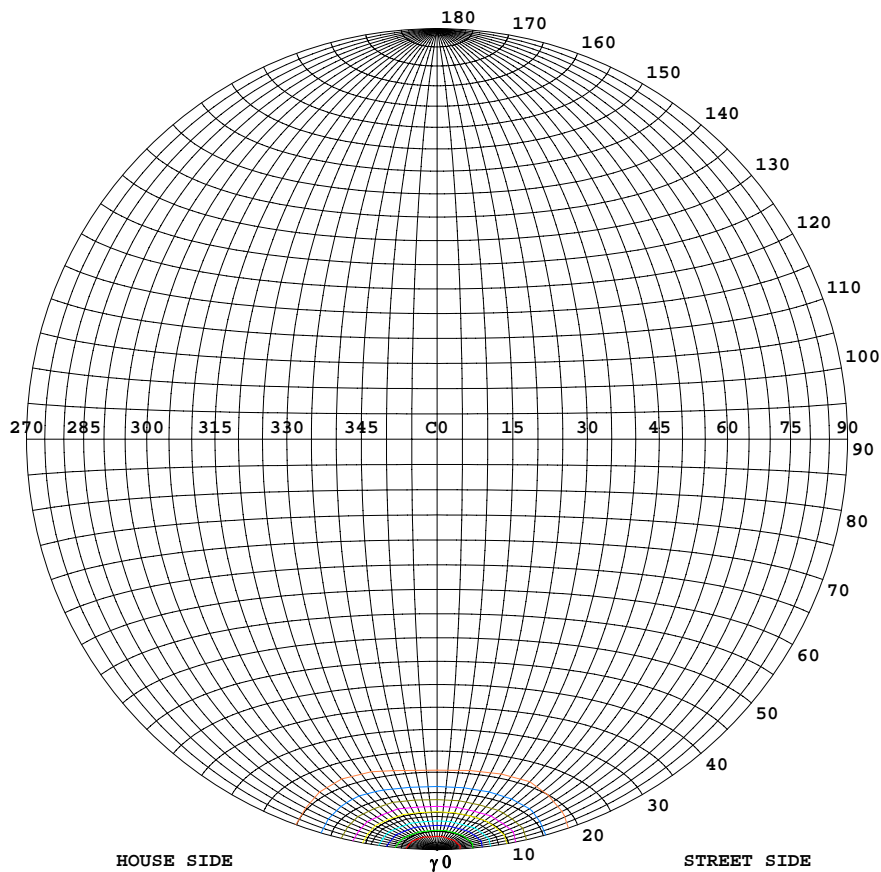


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



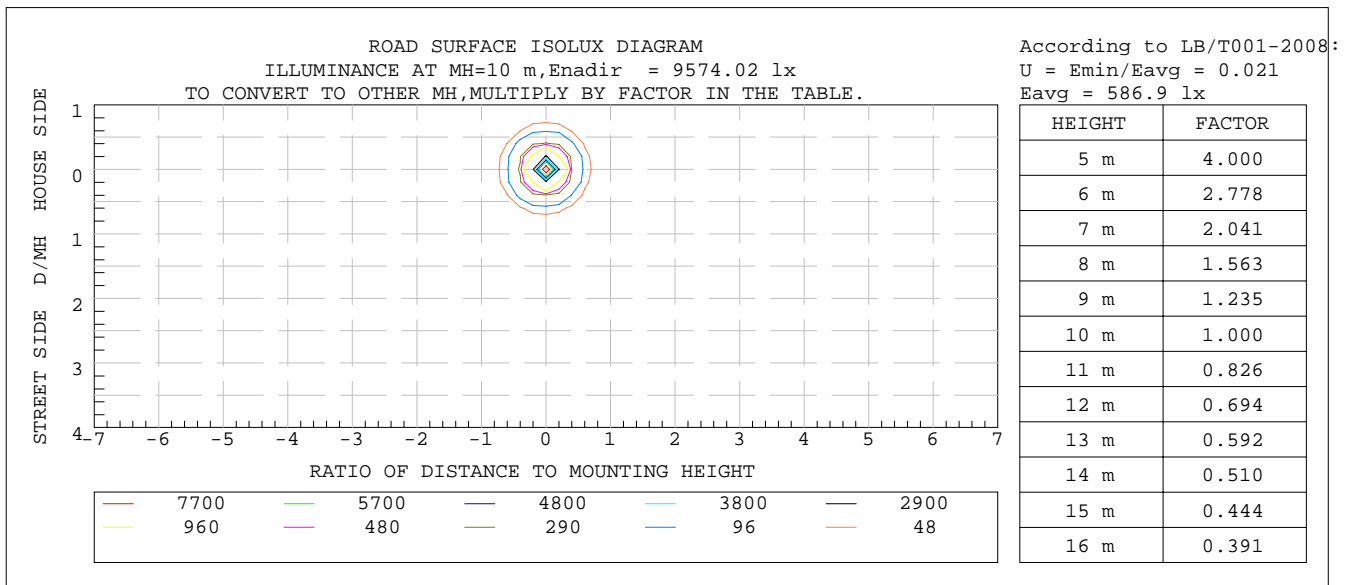
Classification:

IES:Type V - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:5.881cd/klm
Max.At90:0cd/klm
Max.80-90:5.881cd/klm
NRB 5101:Limited[0.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	966144
90%	869530
80%	772916
70%	676301
60%	579687
50%	483072
40%	386458
30%	289843
20%	193229
10%	96614
5%	48307

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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: 2025-5-28

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:219.0V I:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

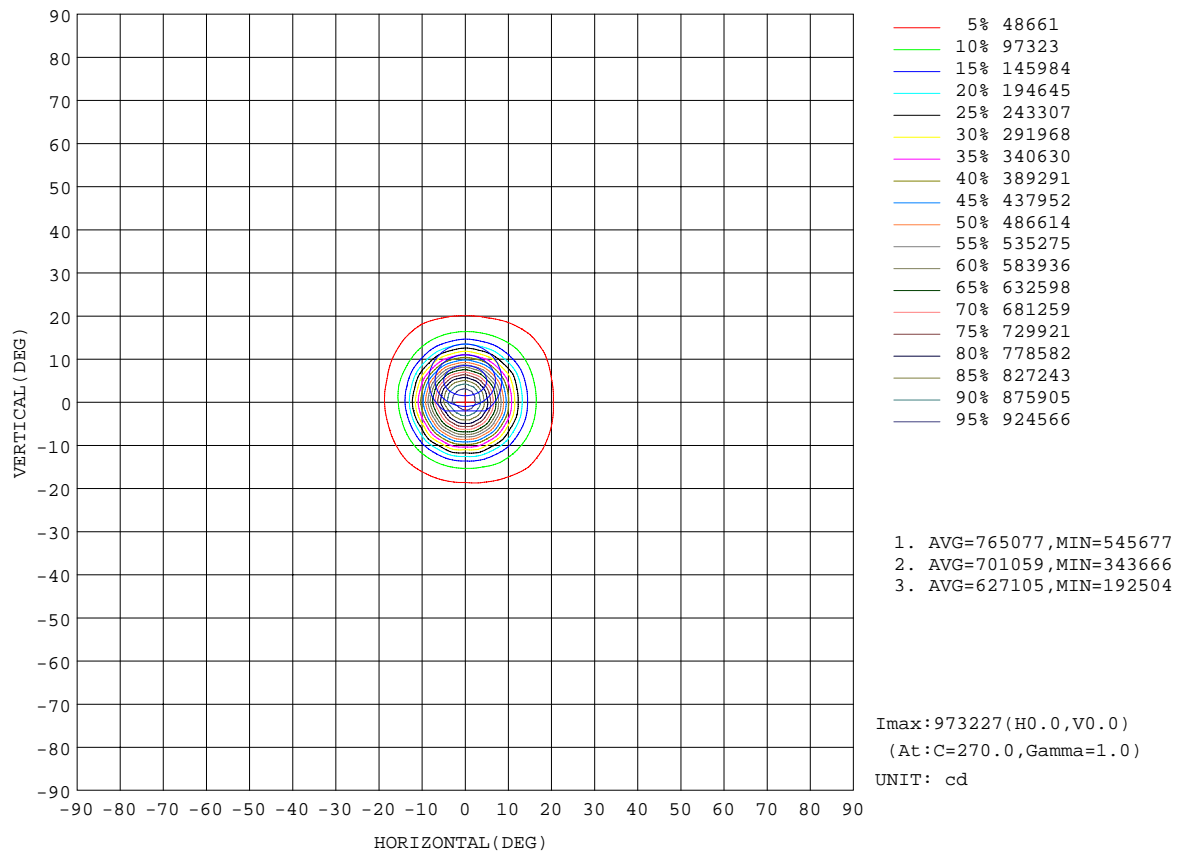
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3915	3882	3724	3878	4139	4123	4219	4121	0- 10	63015	63015	48.5,48.5
20	508.9	538.5	393.1	430.7	388.3	499.6	491.1	594.0	10- 20	39647	102662	79,79
30	143.4	166.0	121.1	132.8	121.4	149.7	144.3	171.3	20- 30	12373	115035	88.5,88.5
40	52.67	60.75	48.73	52.82	48.80	57.32	53.57	63.26	30- 40	5519	120553	92.8,92.8
50	32.51	36.28	30.79	33.43	30.72	35.15	32.69	36.00	40- 50	3198	123752	95.3,95.3
60	26.75	26.66	24.59	24.37	24.12	25.74	26.29	26.85	50- 60	2578	126330	97.2,97.2
70	17.54	16.84	16.04	15.52	16.10	16.74	17.92	17.48	60- 70	2079	128409	98.8,98.8
80	6.829	6.434	6.066	6.019	6.437	6.945	7.641	7.165	70- 80	1211	129619	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	297.3	129917	100,100
100	0	0	0	0	0	0	0	0	90-100	0	129917	100,100
110	0	0	0	0	0	0	0	0	100-110	0	129917	100,100
120	0	0	0	0	0	0	0	0	110-120	0	129917	100,100
130	0	0	0	0	0	0	0	0	120-130	0	129917	100,100
140	0	0	0	0	0	0	0	0	130-140	0	129917	100,100
150	0	0	0	0	0	0	0	0	140-150	0	129917	100,100
160	0	0	0	0	0	0	0	0	150-160	0	129917	100,100
170	0	0	0	0	0	0	0	0	160-170	0	129917	100,100
180	0	0	0	0	0	0	0	0	170-180	0	129917	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:2025-5-28

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

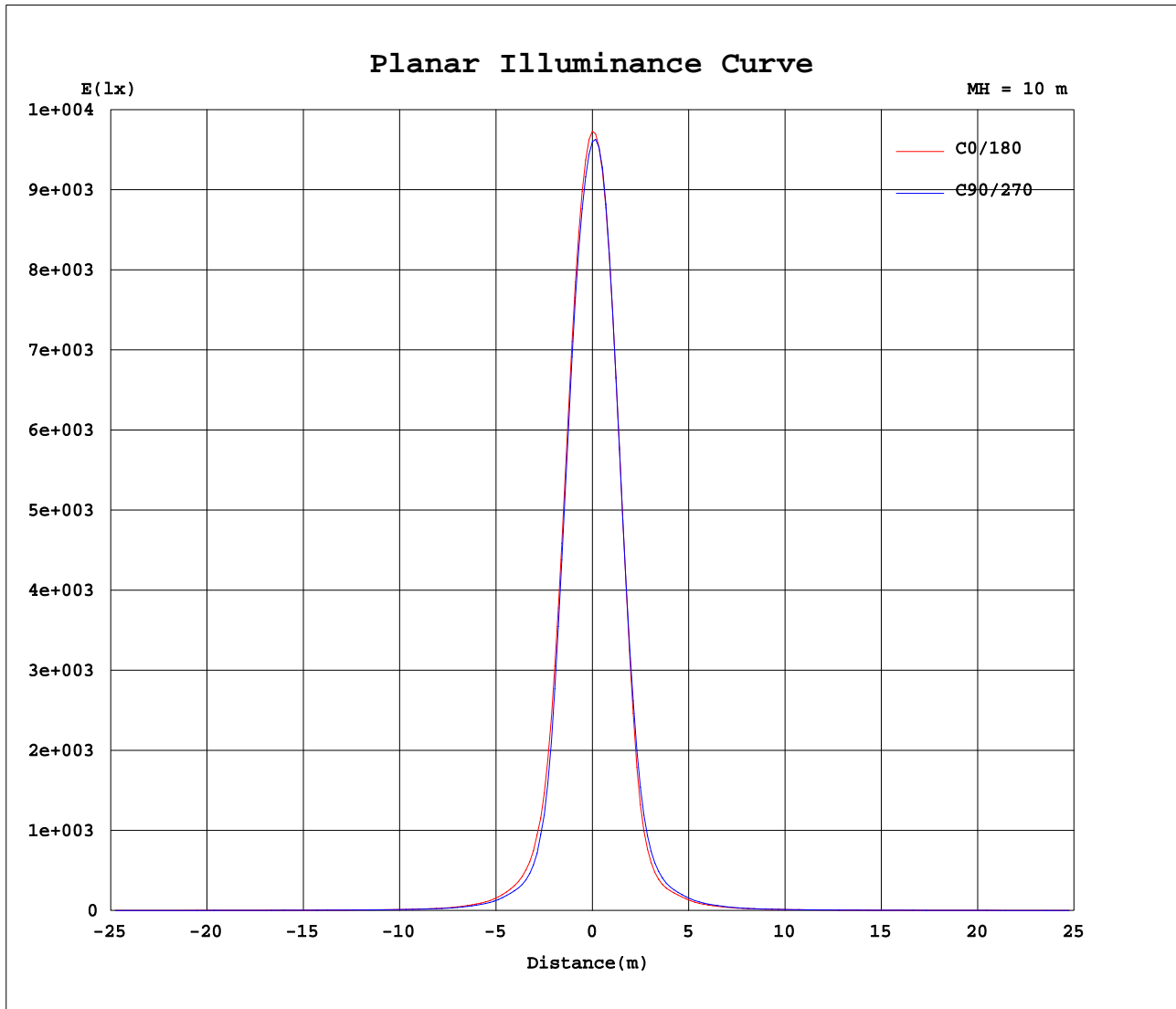
Test:U:219.0V I:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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



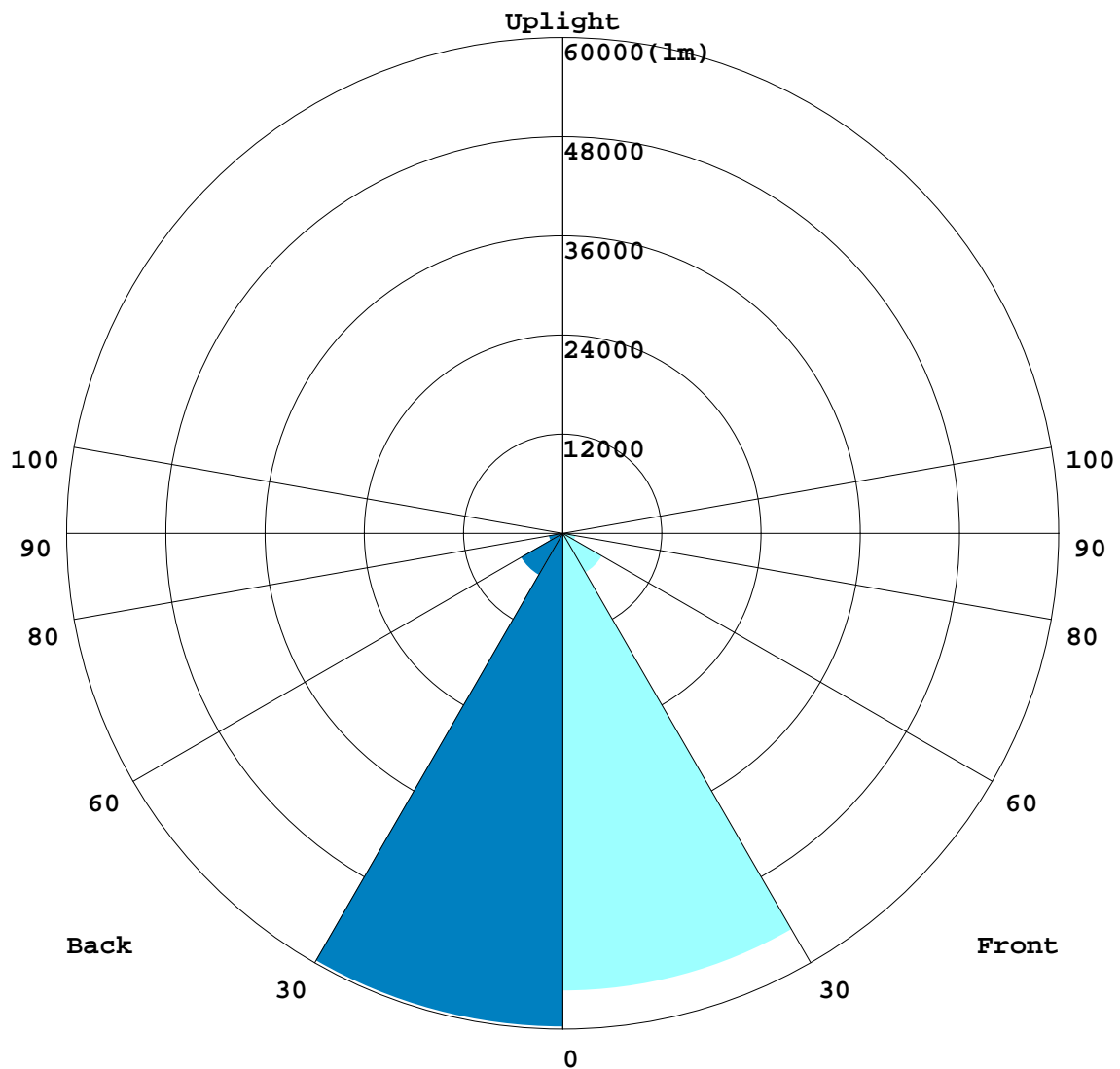
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-28

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:219.0V I:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:2025-5-28

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:219.0V I:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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)	55343	42.6
FM - Front-Medium(30-60)	5491.8	4.2
FH - Front-High(60-80)	1602.3	1.2
FVH - Front-Very High(80-90)	132.65	0.1
Total Forward Light	62570	48.2

BL - Back-Low(0-30)	59692	45.9
BM - Back-Medium(30-60)	5803	4.5
BH - Back-High(60-80)	1687.5	1.3
BVH - Back-Very High(80-90)	164.61	0.1
Total Back Light	67347	51.8

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	67347	0	67347
Street Side	62570	0	62570

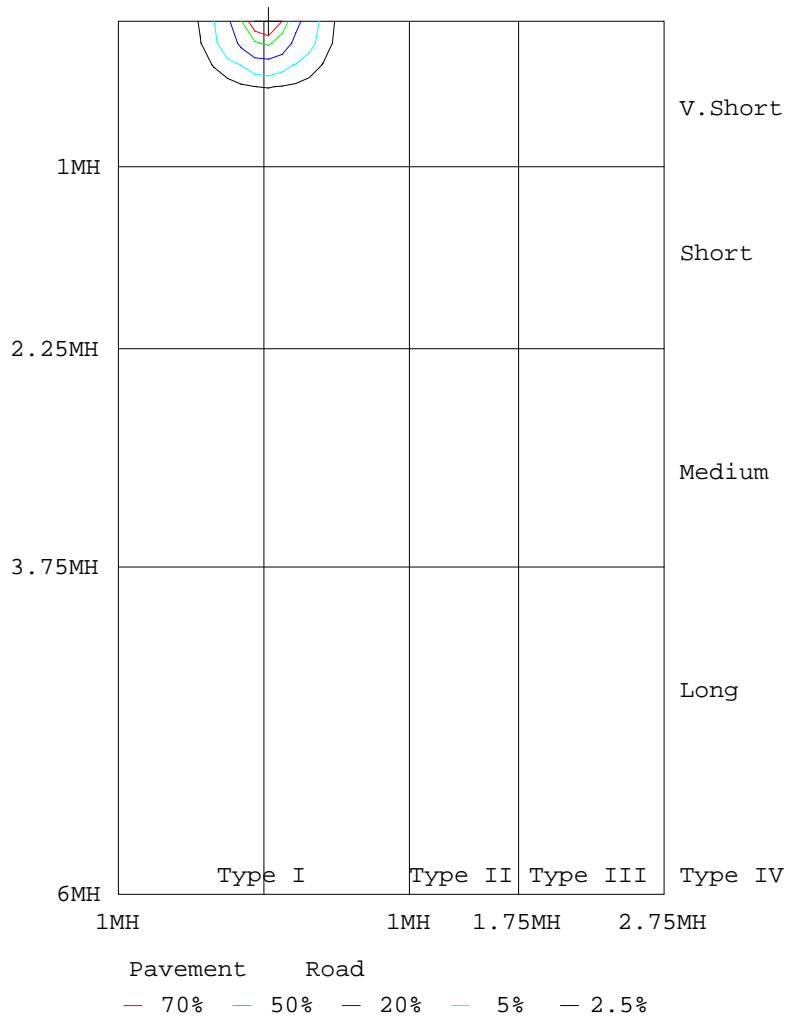
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-28

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:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-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:2025-5-28

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:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-15D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--1

UNIT: ×100cd

C(°) \ γ (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628
5	7855	7889	7793	7835	7758	7819	7767	7832	7783	7861	7850	8011	8197	8207	8337	8280	8361	8277	8332
10	3915	3939	3823	3882	3764	3806	3724	3837	3781	3878	3804	3933	4139	4086	4221	4123	4235	4130	4219
15	1270	1284	1242	1242	1215	1093	1060	1058	1092	1094	1079	1045	1092	1186	1198	1220	1300	1274	1329
20	509	530	541	538	475	426	393	403	414	431	408	386	388	400	454	500	527	499	491
25	266	284	299	303	262	235	218	226	232	243	229	220	225	228	258	285	294	271	267
30	143	150	161	166	144	129	121	124	128	133	126	119	121	123	138	150	155	146	144
35	83.1	87.3	92.6	95.6	84.8	75.8	70.6	73.2	75.9	79.7	75.6	71.5	72.6	74.7	84.1	89.8	92.8	87.7	86.3
40	52.7	54.8	59.4	60.8	55.3	51.7	48.7	50.3	51.1	52.8	50.5	48.5	48.8	50.3	53.9	57.3	58.2	54.4	53.6
45	39.2	40.1	42.3	45.2	41.7	38.5	37.3	37.9	38.8	39.7	38.5	36.8	37.4	37.7	41.0	42.9	41.9	39.8	39.8
50	32.5	33.3	34.4	36.3	33.4	32.1	30.8	30.9	31.4	33.4	31.3	30.5	30.7	31.0	32.6	35.1	34.2	33.2	32.7
55	29.1	29.4	30.0	30.7	29.2	28.1	27.3	27.3	27.4	28.1	27.2	26.5	26.9	26.9	28.1	29.3	29.5	28.9	28.8
60	26.8	25.8	26.1	26.7	25.5	24.5	24.6	23.9	23.9	24.4	23.7	22.9	24.1	23.7	24.7	25.7	25.8	25.3	26.3
65	22.7	21.6	21.4	22.2	20.9	20.4	20.8	19.9	19.6	20.3	19.5	19.2	20.6	19.9	20.7	21.6	21.5	21.2	22.7
70	17.5	16.8	16.3	16.8	15.9	15.8	16.0	15.6	15.0	15.5	14.9	15.0	16.1	15.6	16.0	16.7	16.7	16.7	17.9
75	12.1	12.0	11.1	11.5	10.9	11.1	11.0	11.0	10.3	10.6	10.2	10.6	11.2	11.2	11.3	11.7	11.9	12.0	12.7
80	6.83	6.99	6.17	6.43	6.06	6.33	6.07	6.22	5.77	6.02	5.72	6.19	6.44	6.62	6.66	6.95	7.10	7.36	7.64
85	2.28	2.43	1.97	2.18	1.91	2.16	1.89	2.01	1.85	2.01	1.90	2.27	2.39	2.42	2.60	2.68	2.91	2.93	3.08
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:2025-5-28

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:3.645A P:796.5W PF:0.9980 Freq:50.01Hz Lamp Flux:129917x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-800WFSC-NV-S35-00-4070-15D-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	9628	9628	9628	9628	9628														
5	8198	8196	8054	8073	7930														
10	4121	4212	4121	4180	4022														
15	1320	1408	1412	1429	1328														
20	501	560	594	593	538														
25	269	301	323	319	281														
30	147	162	171	170	151														
35	88.2	97.0	102	100	88.3														
40	54.9	59.9	63.3	62.1	55.6														
45	40.6	42.7	46.0	44.2	40.2														
50	33.4	34.6	36.0	35.0	33.3														
55	29.1	29.8	30.6	30.1	29.1														
60	25.9	26.2	26.9	26.7	25.7														
65	21.8	21.9	22.7	22.2	21.4														
70	17.4	17.1	17.5	17.2	16.7														
75	12.6	12.1	12.2	12.0	11.9														
80	7.60	7.26	7.17	7.04	7.07														
85	2.91	2.94	2.75	2.72	2.54														
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:2025-5-28

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: