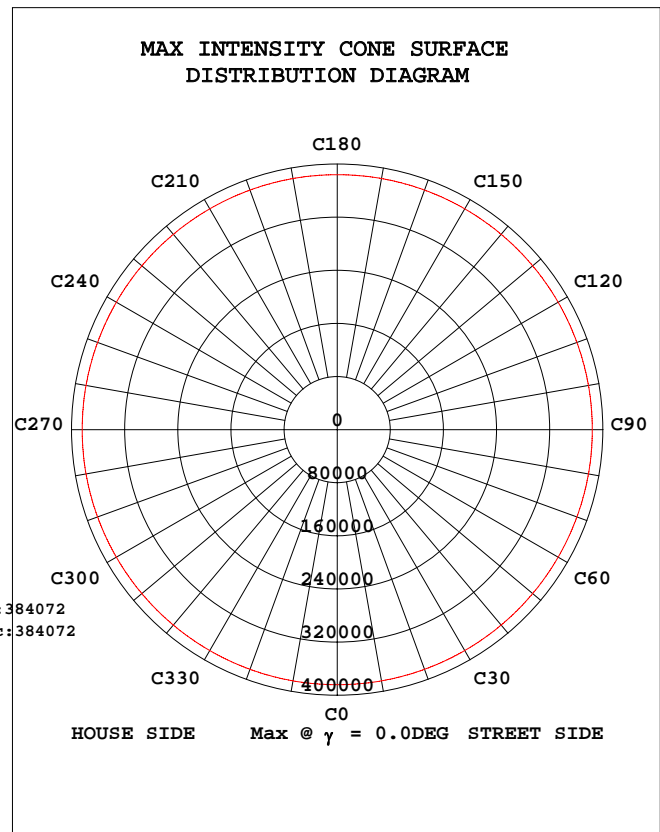
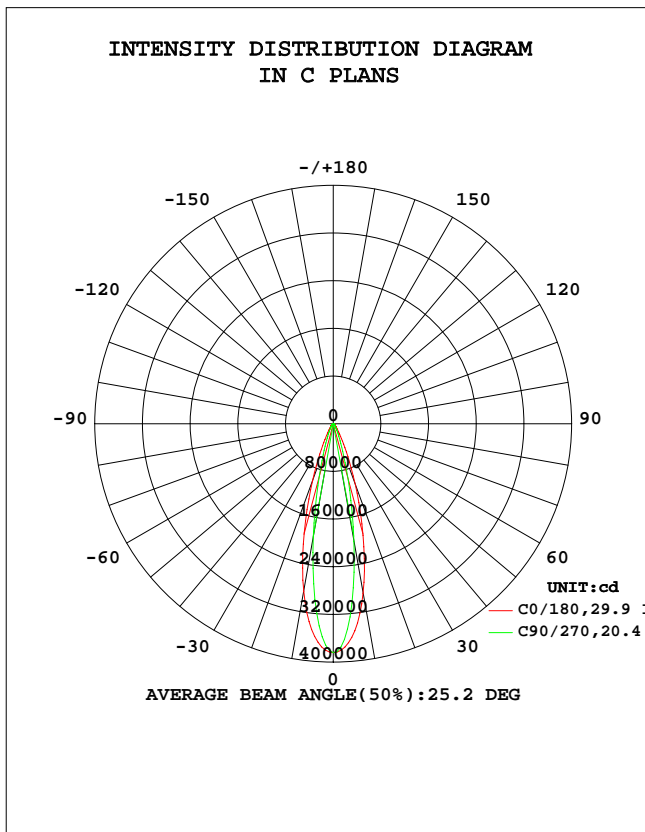


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-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: 169.06 lm/W			
MODEL	3535	I _{max} (cd)	384072	η street_up(%)	0.0
NOMINAL POWER(W)	600	LOR(%)	100.0	η street_down(%)	50.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	101587	η house_up(%)	0.0
NOMINAL FLUX(lm)	101587	MAXIMUM @(C,γ)	300,0.0	η house_down(%)	49.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.149

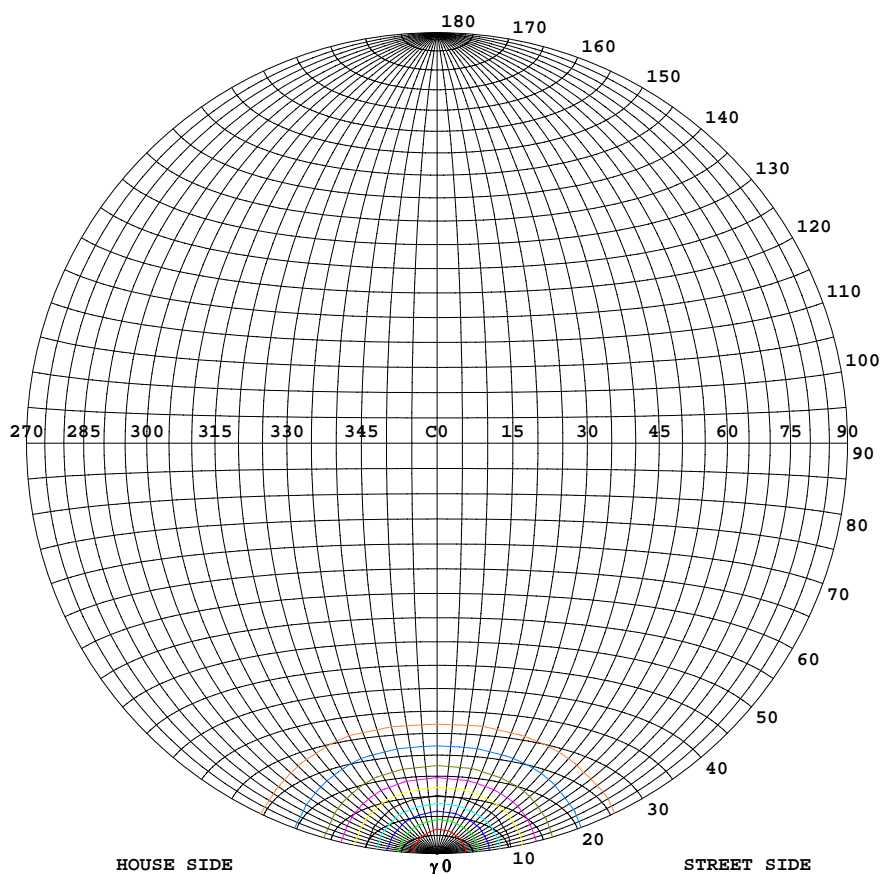


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2025-5-29

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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



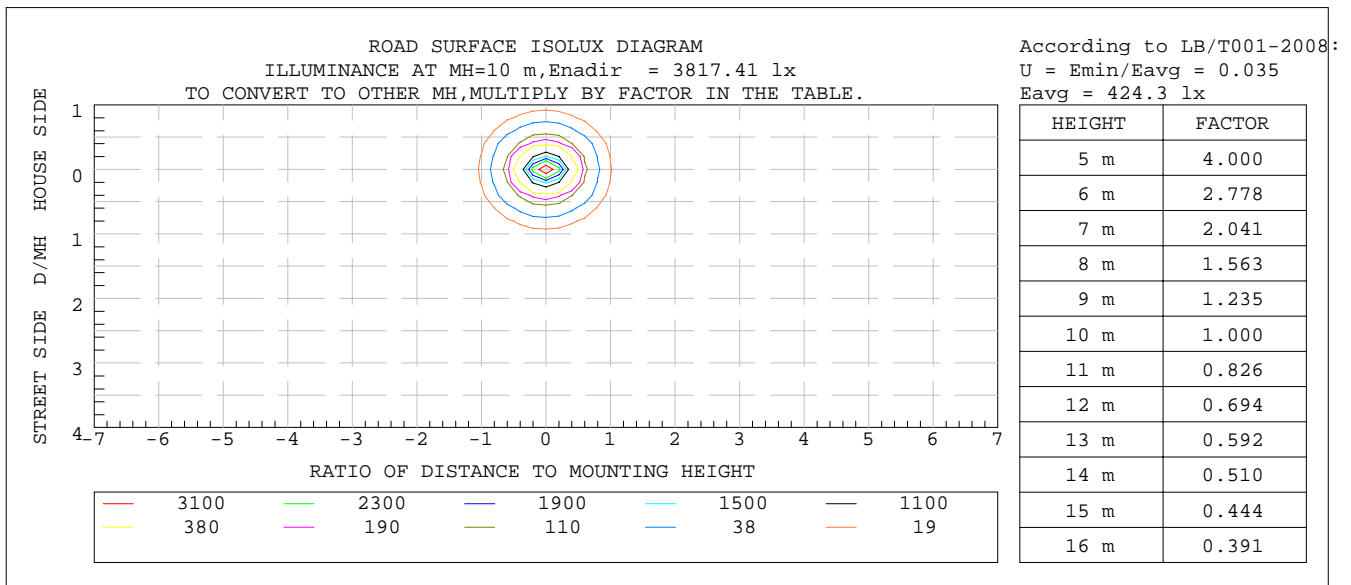
Classification:

IES:Type VS - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:10.58cd/klm
Max.At90:0cd/klm
Max.80-90:10.58cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	384072
90%	345665
80%	307257
70%	268850
60%	230443
50%	192036
40%	153629
30%	115222
20%	76814
10%	38407
5%	19204

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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

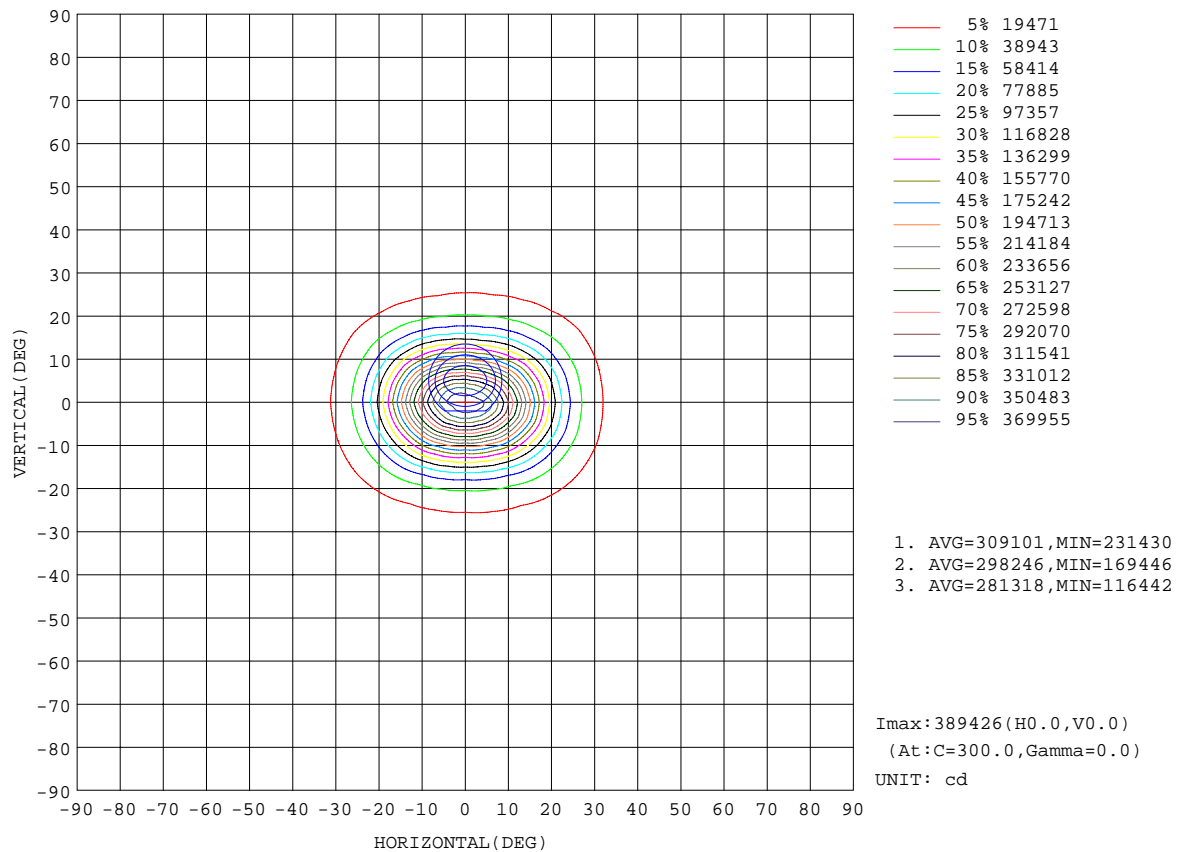
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2888	2445	2005	2438	2857	2371	1938	2333	0- 10	29222	29222	28.8,28.8
20	1087	705.2	417.1	677.5	1019	653.3	402.3	659.3	10- 20	38575	67798	66.7,66.7
30	249.4	172.7	118.6	162.6	226.9	157.1	115.0	169.8	20- 30	16411	84209	82.9,82.9
40	83.53	67.89	51.84	65.62	77.41	63.20	50.54	68.61	30- 40	6572	90780	89.4,89.4
50	45.39	40.25	34.72	39.14	42.92	37.99	34.38	40.55	40- 50	3879	94659	93.2,93.2
60	29.83	27.63	25.74	26.88	28.78	26.35	25.88	27.61	50- 60	2950	97610	96.1,96.1
70	19.40	17.18	16.55	16.75	19.31	16.61	17.06	17.19	60- 70	2200	99809	98.3,98.3
80	10.62	7.937	7.547	7.917	10.75	7.920	8.179	8.138	70- 80	1355	101164	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	422.8	101587	100,100
100	0	0	0	0	0	0	0	0	90-100	0	101587	100,100
110	0	0	0	0	0	0	0	0	100-110	0	101587	100,100
120	0	0	0	0	0	0	0	0	110-120	0	101587	100,100
130	0	0	0	0	0	0	0	0	120-130	0	101587	100,100
140	0	0	0	0	0	0	0	0	130-140	0	101587	100,100
150	0	0	0	0	0	0	0	0	140-150	0	101587	100,100
160	0	0	0	0	0	0	0	0	150-160	0	101587	100,100
170	0	0	0	0	0	0	0	0	160-170	0	101587	100,100
180	0	0	0	0	0	0	0	0	170-180	0	101587	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:2025-5-29

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

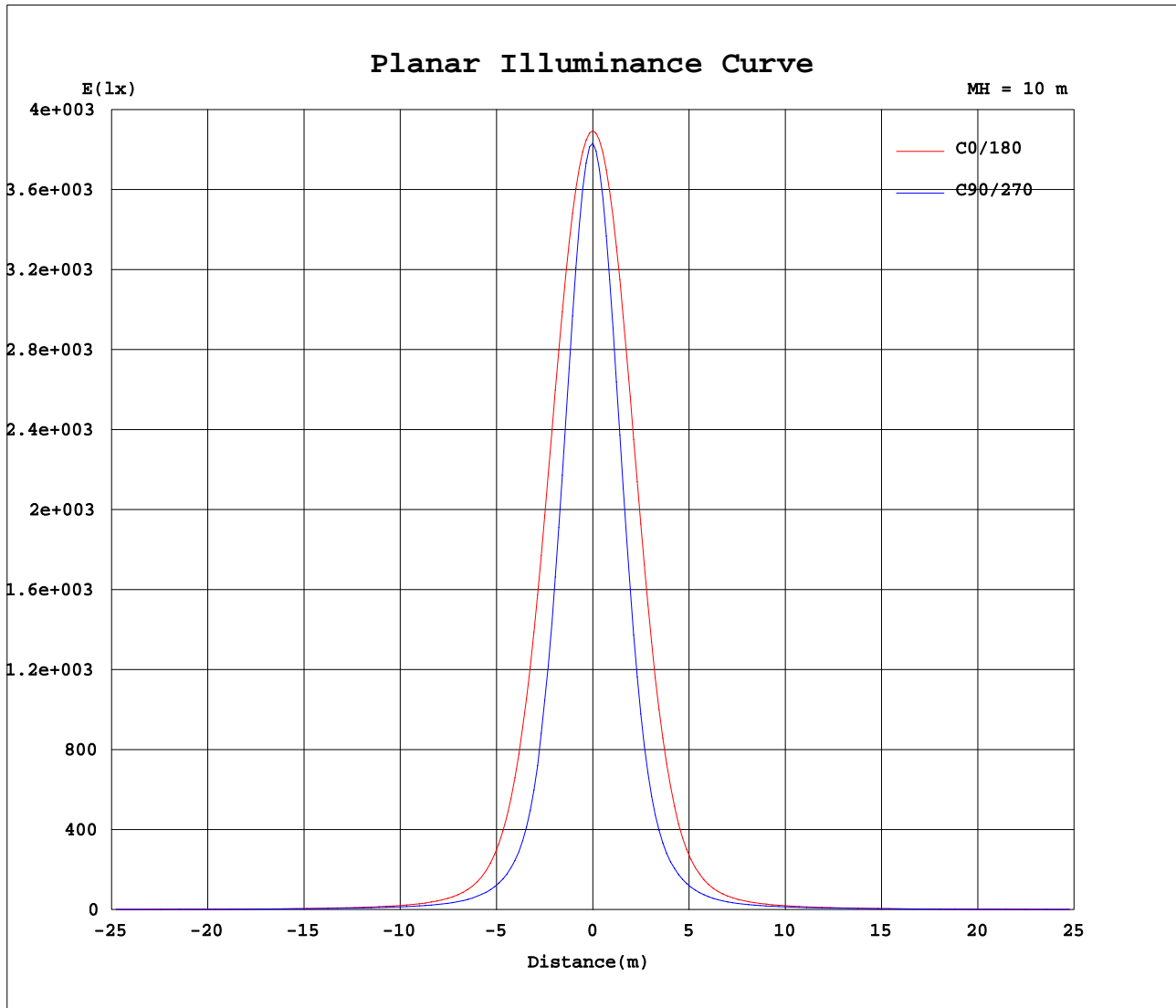
Test:U:219.1V I:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:



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



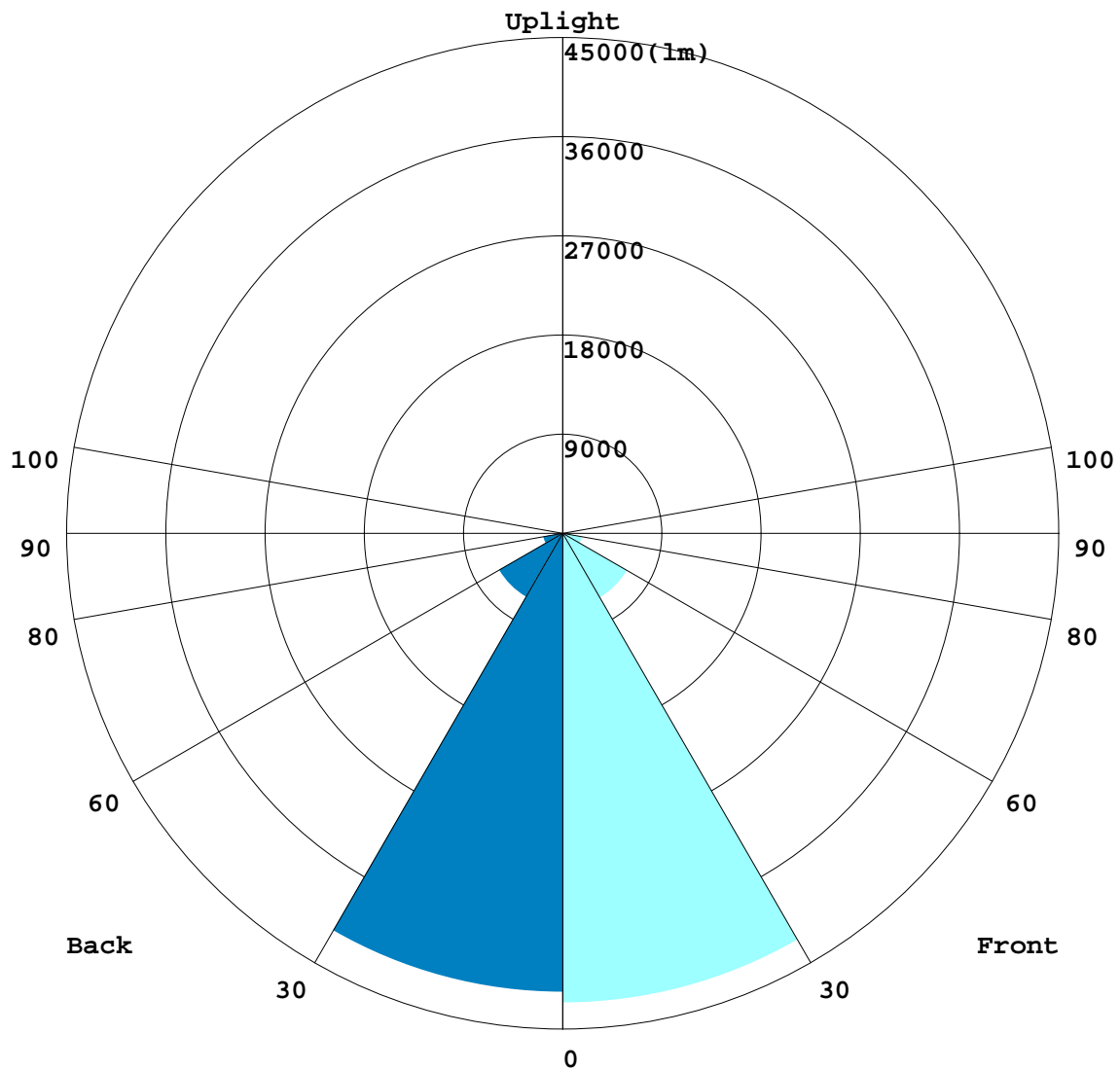
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2025-5-29

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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-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)	42591	41.9
FM - Front-Medium(30-60)	6745.8	6.6
FH - Front-High(60-80)	1773.8	1.7
FVH - Front-Very High(80-90)	206.76	0.2
Total Forward Light	51318	50.5

BL - Back-Low(0-30)	41617	41.0
BM - Back-Medium(30-60)	6655	6.6
BH - Back-High(60-80)	1780.6	1.8
BVH - Back-Very High(80-90)	216	0.2
Total Back Light	50269	49.5

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	50269	0	50269
Street Side	51318	0	51318

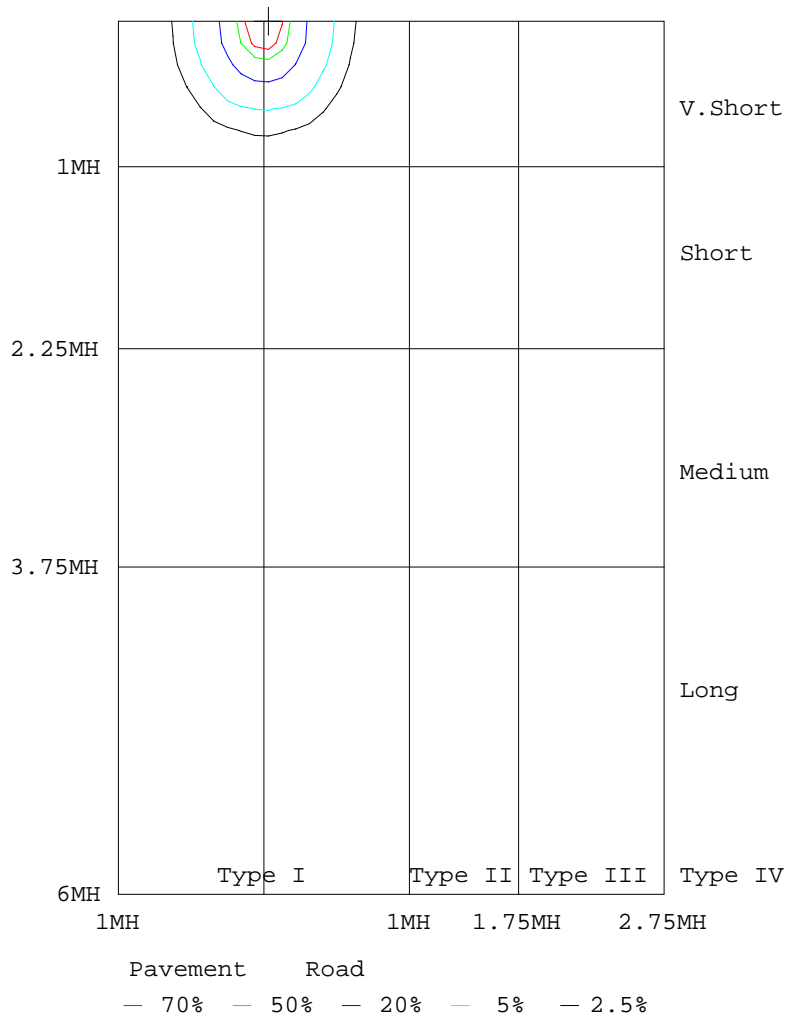
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2025-5-29

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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-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	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841	3841
5	3597	3585	3504	3432	3324	3291	3254	3307	3349	3451	3509	3567	3583	3545	3491	3381	3305	3207	3192
10	2888	2843	2645	2445	2204	2081	2005	2089	2209	2438	2617	2791	2857	2766	2618	2371	2180	1982	1938
15	1938	1878	1646	1424	1186	1028	981	1029	1178	1394	1584	1787	1887	1782	1622	1350	1136	974	911
20	1087	1035	872	705	533	453	417	448	521	678	815	945	1019	956	841	653	509	417	402
25	523	505	423	333	253	223	207	217	242	314	387	445	475	450	397	302	247	205	204
30	249	251	212	173	139	125	119	122	133	163	194	216	227	216	197	157	132	118	115
35	134	134	121	102	85.2	77.5	73.3	75.9	82.3	97.2	113	120	123	120	111	93.6	81.1	72.6	71.5
40	83.5	83.5	77.0	67.9	58.6	54.2	51.8	53.3	57.2	65.6	72.7	76.4	77.4	75.1	71.8	63.2	56.1	51.3	50.5
45	59.0	58.8	55.4	50.4	45.0	42.3	40.9	41.8	44.1	48.9	52.8	54.8	55.4	53.9	52.1	47.3	43.3	40.5	40.2
50	45.4	45.2	43.0	40.2	37.1	35.5	34.7	35.2	36.4	39.1	41.3	42.6	42.9	41.9	40.8	38.0	35.8	34.3	34.4
55	36.6	36.4	34.9	33.3	31.5	30.7	30.1	30.4	30.9	32.4	33.6	34.6	34.9	34.1	33.3	31.6	30.5	29.8	30.0
60	29.8	29.6	28.5	27.6	26.6	26.2	25.7	26.0	26.1	26.9	27.4	28.3	28.8	27.9	27.4	26.4	26.0	25.6	25.9
65	24.2	23.6	22.7	22.3	21.7	21.6	21.2	21.4	21.3	21.7	21.9	22.8	23.7	22.5	22.0	21.4	21.4	21.2	21.5
70	19.4	18.3	17.3	17.2	16.8	16.8	16.6	16.6	16.5	16.8	16.9	18.0	19.3	17.6	17.0	16.6	16.7	16.7	17.1
75	15.2	13.8	12.6	12.4	12.1	12.2	12.0	12.0	11.9	12.3	12.5	14.0	15.5	13.6	12.5	12.2	12.2	12.2	12.6
80	10.6	9.46	8.08	7.94	7.67	7.72	7.55	7.64	7.62	7.92	7.93	9.46	10.7	9.20	8.12	7.92	7.95	7.87	8.18
85	4.69	4.20	3.42	3.52	3.38	3.49	3.22	3.46	3.29	3.32	3.14	3.96	4.63	3.90	3.58	3.50	3.70	3.62	3.70
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:2.752A P:600.9W PF:0.9968 Freq:50.00Hz Lamp Flux:101587x1 lm		
NAME: AOK FSC	TYPE:LED Gas Station Light	WEIGHT:3.5KG
SPEC.:AOK-600WFSC-NV-S35-00-4070-2030D-P	DIM.: 400*420*100mm	SERIAL No.:
MFR.: AOK	SUR.:512*380mm	Shielding Angle:

Table--2

UNIT: ×100cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3841	3841	3841	3841	3841														
5	3176	3264	3343	3475	3561														
10	1946	2127	2333	2614	2813														
15	936	1107	1331	1637	1850														
20	421	511	659	869	1037														
25	211	256	317	428	502														
30	121	139	170	220	247														
35	74.4	85.5	102	125	135														
40	52.3	58.8	68.6	80.8	84.8														
45	41.3	45.1	50.9	57.8	59.7														
50	35.1	37.3	40.6	44.5	45.6														
55	30.4	31.8	33.4	35.7	36.5														
60	26.1	26.9	27.6	28.9	29.5														
65	21.6	22.1	22.3	23.0	23.4														
70	17.0	17.2	17.2	17.6	18.1														
75	12.4	12.6	12.7	12.9	13.7														
80	8.00	8.10	8.14	8.42	9.43														
85	3.65	3.80	3.69	3.87	4.28														
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
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: