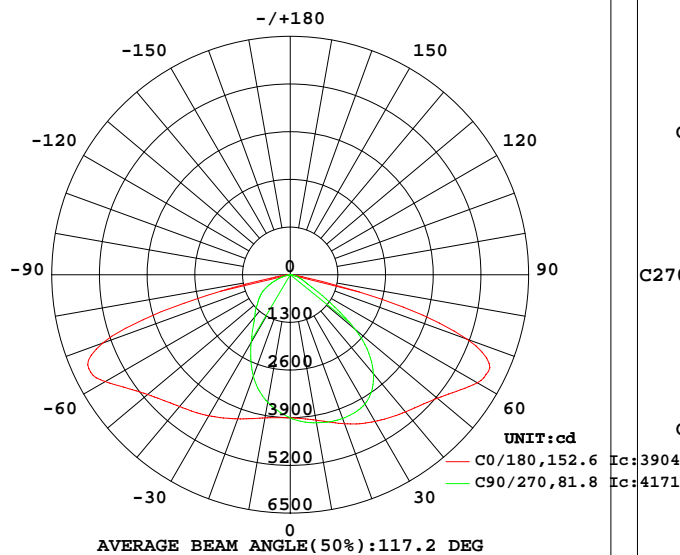
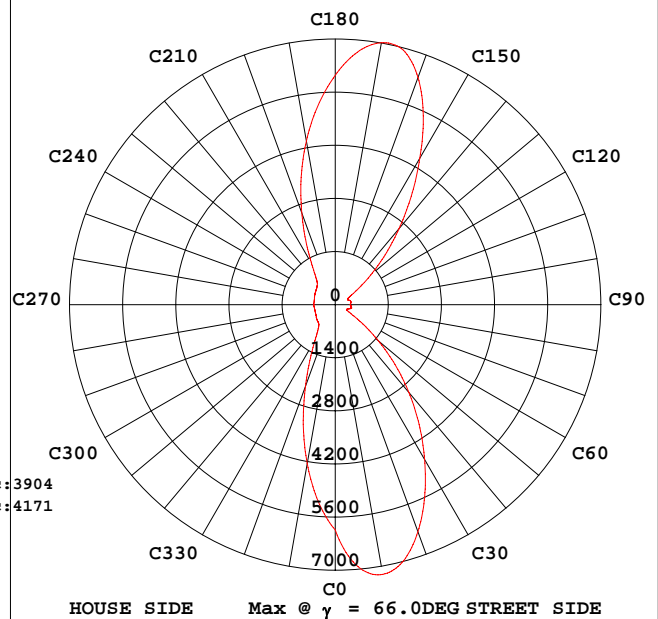


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.27 lm/W			
MODEL	3030	I _{max} (cd)	6981	η street_up(%)	0.0
NOMINAL POWER(W)	110	LOR(%)	100.0	η street_down(%)	60.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14528	η house_up(%)	0.0
NOMINAL FLUX(lm)	14528.2	MAXIMUM @(C,γ)	15,66.0	η house_down(%)	39.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.825

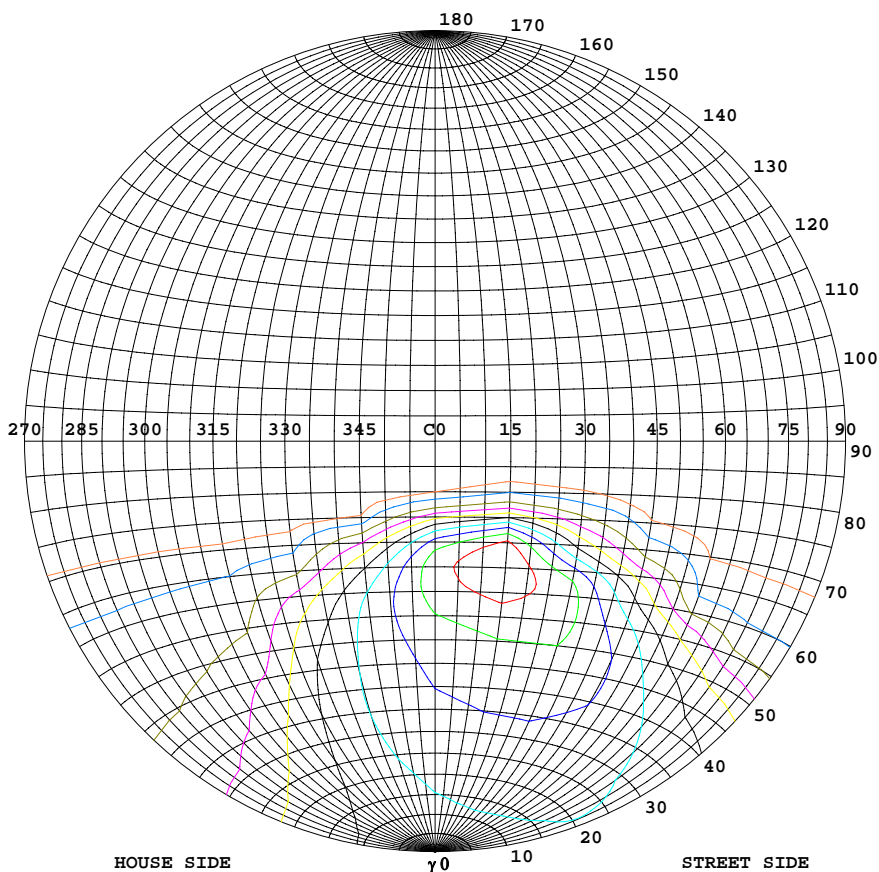
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



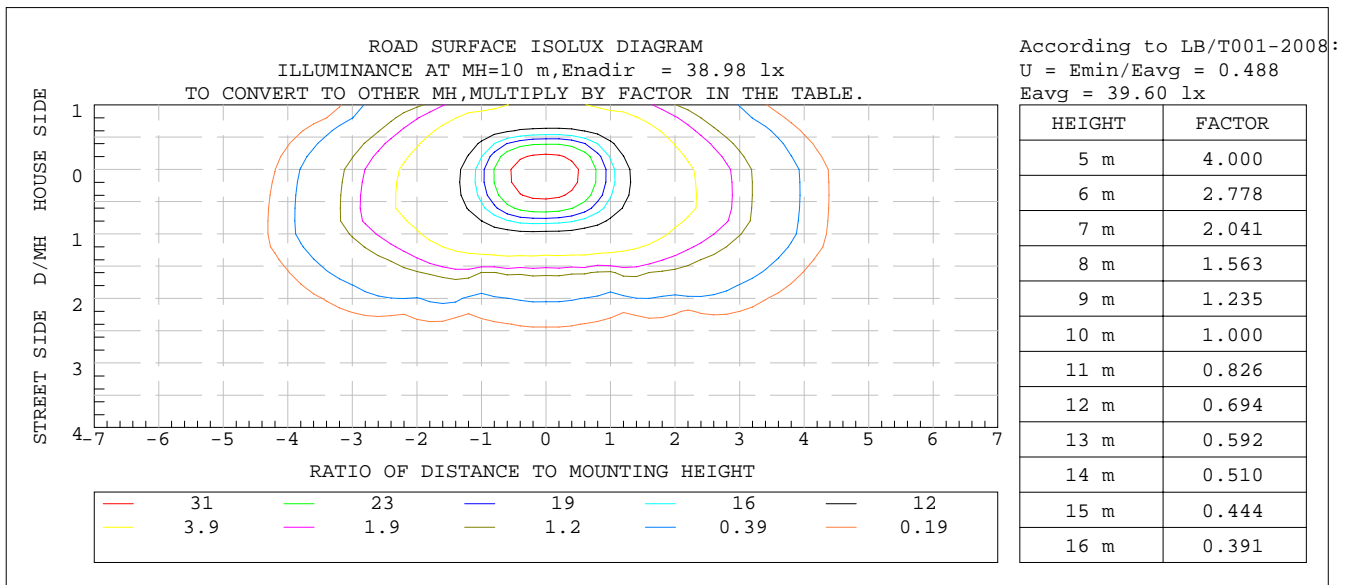
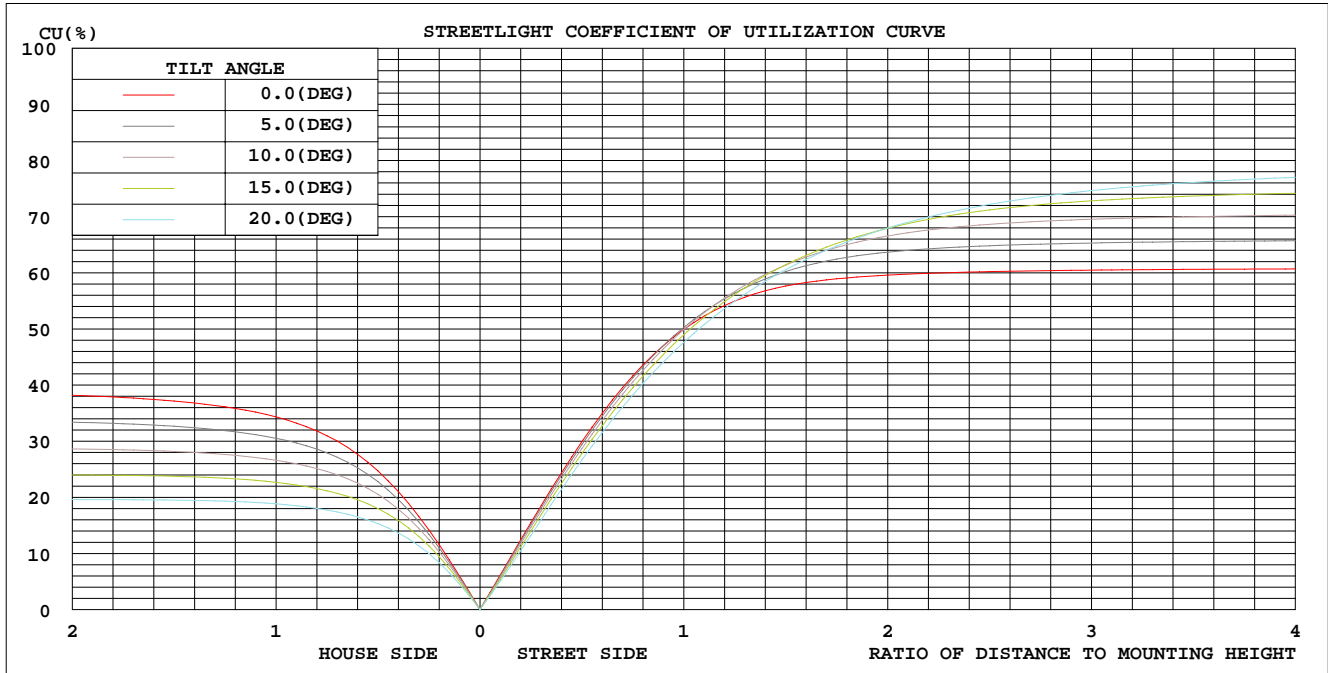
Classification:

IES:Type II - Short
CIE:Narrow - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:52.94cd/klm
Max.At90:0cd/klm
Max.80-90:52.94cd/klm
NRB 5101:Semi limited[18.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	6981
90%	6283
80%	5585
70%	4887
60%	4188
50%	3490
40%	2792
30%	2094
20%	1396
10%	698
5%	349

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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: 2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

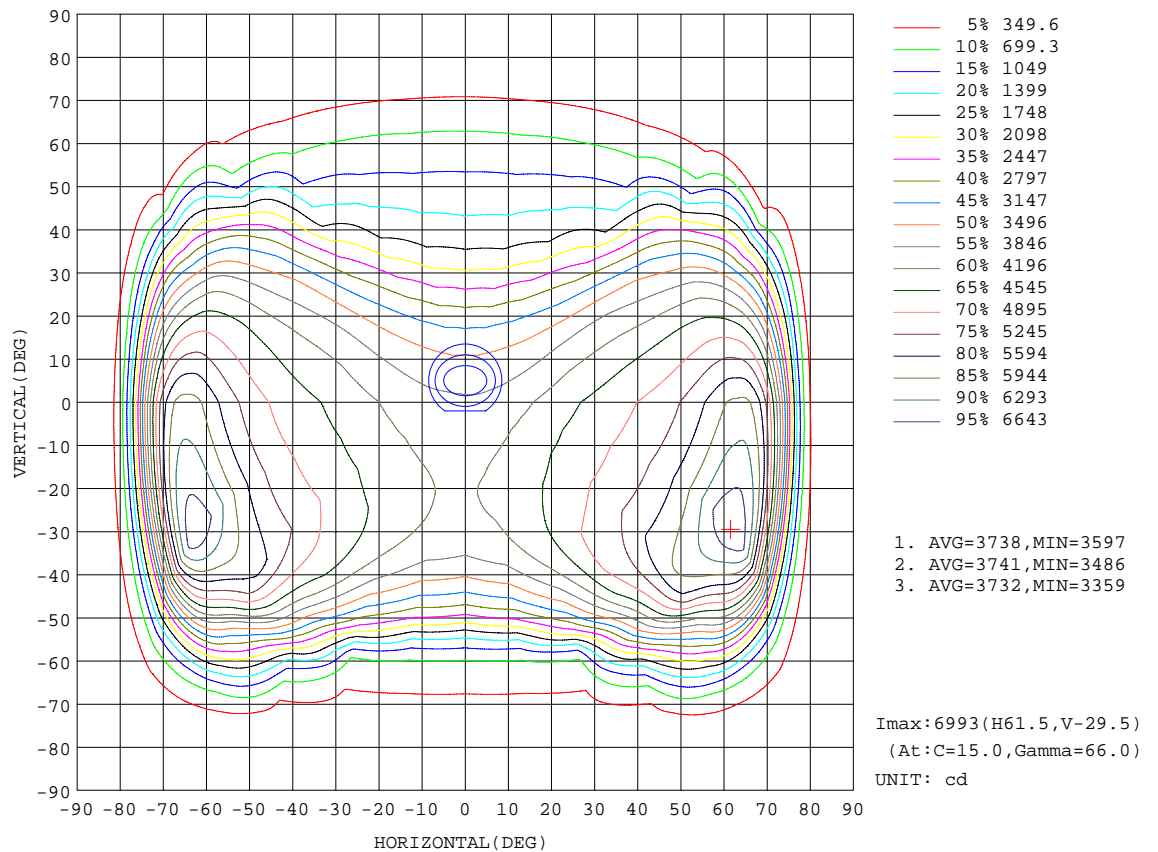
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	4025	4123	4098	4085	3964	3691	3531	3713	0- 10	372.5	372.5	2.56,2.56
20	4323	4382	4171	4282	4182	3498	2946	3504	10- 20	1108	1481	10.2,10.2
30	4617	4648	4071	4500	4439	3199	2136	3164	20- 30	1797	3278	22.6,22.6
40	4882	4893	3528	4695	4692	2678	1509	2596	30- 40	2369	5646	38.9,38.9
50	5238	4842	2302	4565	5077	1810	1146	1693	40- 50	2750	8396	57.8,57.8
60	5890	3654	681.4	3392	5826	1035	816.6	1005	50- 60	2801	11197	77.1,77.1
70	5130	1112	292.1	910.8	5440	445.5	382.6	405.4	60- 70	2325	13522	93.1,93.1
80	343.8	124.1	85.89	129.0	530.4	83.12	77.64	74.51	70- 80	942.1	14464	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	63.88	14528	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14528	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14528	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14528	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14528	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14528	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14528	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14528	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14528	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14528	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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

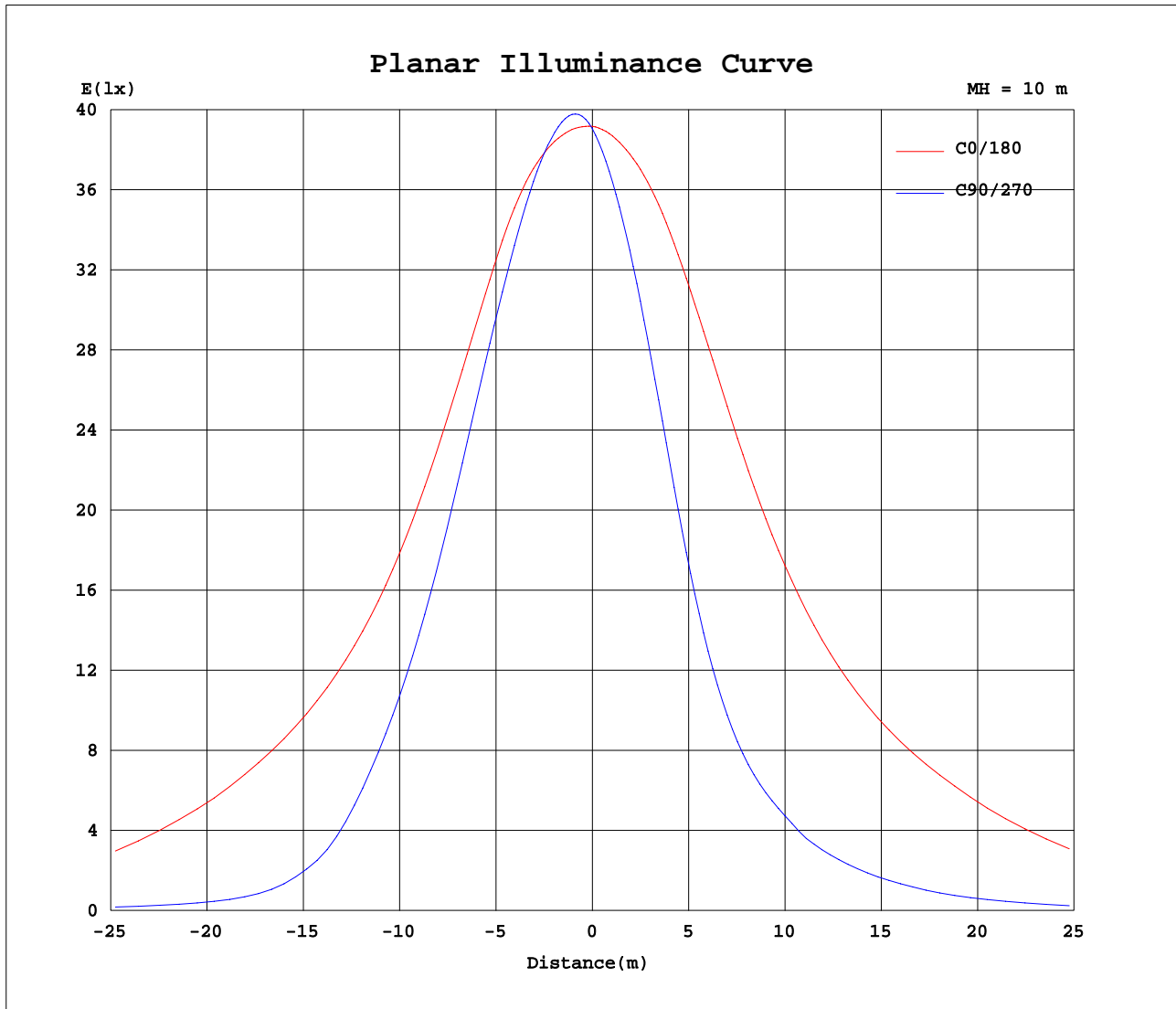
Test:U:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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



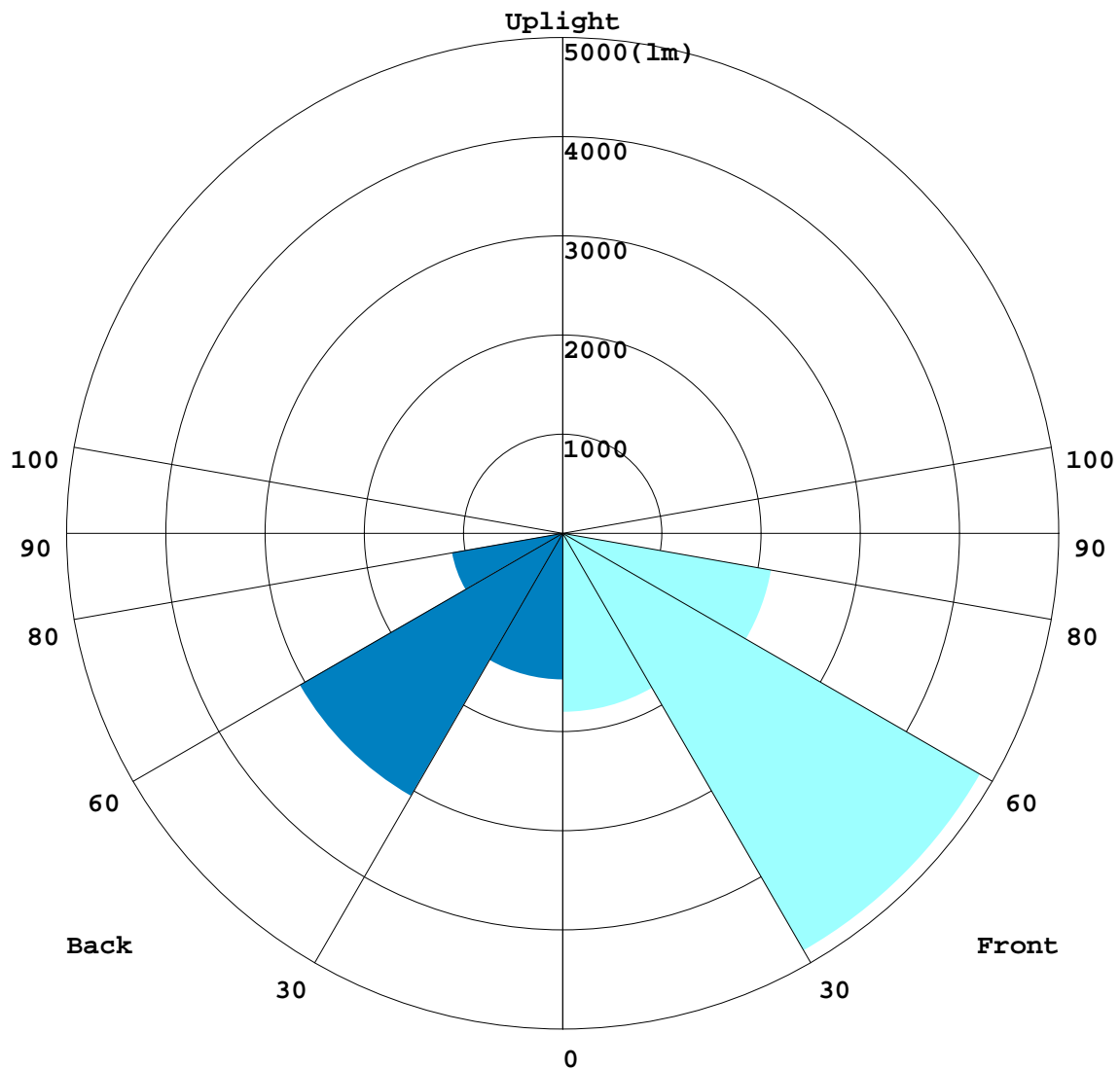
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	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:2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1802.5	12.4
FM - Front-Medium(30-60)	4859.8	33.5
FH - Front-High(60-80)	2135.7	14.7
FVH - Front-Very High(80-90)	41.987	0.3
Total Forward Light	8840	60.8

BL - Back-Low(0-30)	1475.2	10.2
BM - Back-Medium(30-60)	3059.7	21.1
BH - Back-High(60-80)	1131.4	7.8
BVH - Back-Very High(80-90)	21.894	0.2
Total Back Light	5688.3	39.2

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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5688.3	0	5688.3
Street Side	8840	0	8840

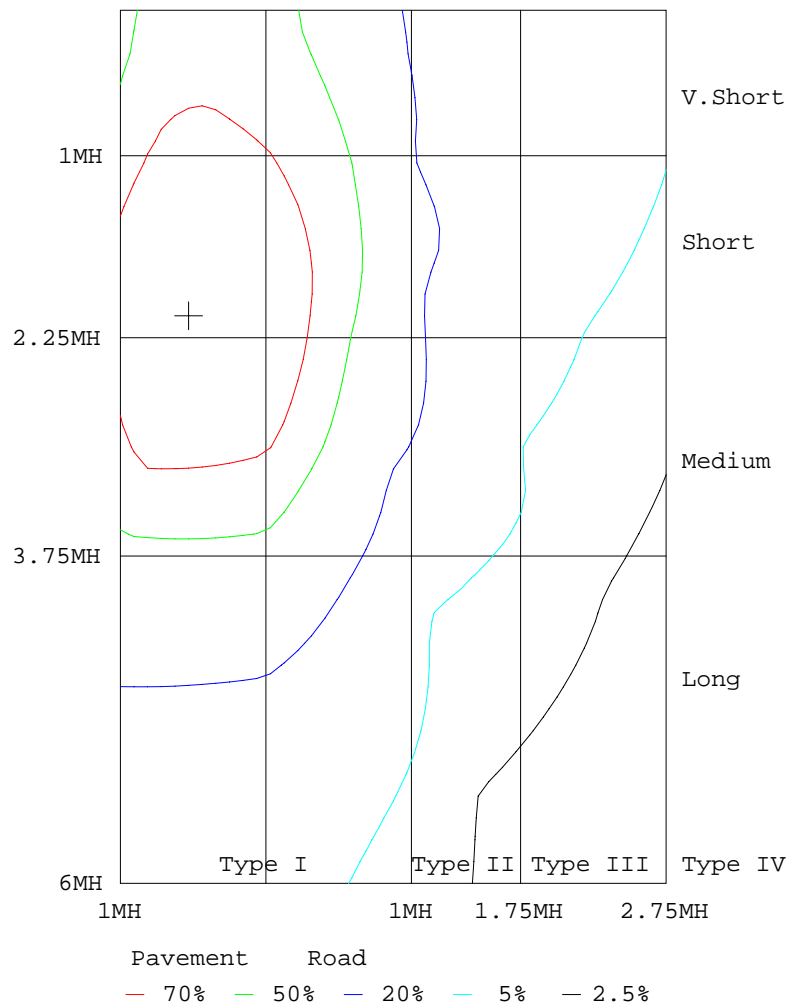
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904	3904
5	3939	3971	3996	4011	4019	4025	4023	4021	4011	3998	3977	3948	3912	3875	3833	3793	3760	3738	3734
10	4025	4083	4117	4123	4115	4108	4098	4097	4091	4085	4066	4027	3964	3884	3785	3691	3609	3549	3531
15	4159	4238	4267	4246	4207	4173	4150	4151	4162	4176	4177	4141	4060	3937	3774	3601	3439	3312	3273
20	4323	4414	4428	4382	4295	4214	4171	4183	4225	4282	4306	4279	4182	4015	3777	3498	3225	3014	2946
25	4481	4583	4597	4516	4359	4218	4151	4181	4277	4392	4442	4418	4308	4099	3785	3366	2955	2645	2545
30	4617	4733	4755	4648	4408	4173	4071	4133	4308	4500	4584	4563	4439	4191	3792	3199	2631	2248	2136
35	4749	4880	4914	4781	4413	4037	3872	3986	4284	4609	4738	4708	4566	4275	3771	2970	2271	1878	1775
40	4882	5046	5093	4893	4306	3752	3528	3690	4152	4695	4913	4864	4692	4340	3704	2678	1898	1578	1509
45	5031	5248	5315	4934	4031	3302	3032	3236	3850	4715	5114	5062	4856	4410	3578	2303	1586	1397	1338
50	5238	5533	5570	4842	3531	2649	2302	2593	3340	4565	5339	5363	5077	4458	3359	1810	1375	1183	1146
55	5537	5958	5817	4446	2778	1614	1330	1556	2571	4128	5572	5812	5400	4464	3014	1392	1109	1015	997
60	5890	6533	5872	3654	1298	765	681	759	1233	3392	5585	6391	5826	4311	2472	1035	914	843	817
65	6005	6970	5072	2522	535	446	423	445	514	2215	4767	6904	6060	3690	1463	742	661	616	611
70	5130	6412	3301	1112	339	305	292	306	332	911	3188	6324	5440	2439	623	446	415	384	383
75	2571	3485	1626	380	204	187	181	190	207	341	1609	3425	3003	798	289	211	209	198	196
80	344	678	420	124	94.3	91.0	85.9	93.4	99.7	129	395	769	530	163	110	83.1	83.2	81.4	77.6
85	44.0	69.3	75.8	30.8	23.2	22.9	20.6	24.5	27.0	36.5	71.2	97.8	64.6	39.6	29.7	21.3	19.9	17.0	16.0
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:2024-12-12

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:219.3V I:0.5133A P:109.0W PF:0.9685 Freq:50.00Hz Lamp Flux:14528.2x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T201-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:201*175mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3904	3904	3904	3904	3904														
5	3742	3768	3805	3848	3896														
10	3555	3622	3713	3819	3930														
15	3316	3447	3618	3812	4006														
20	3009	3218	3504	3823	4114														
25	2623	2930	3360	3843	4225														
30	2225	2588	3164	3844	4321														
35	1851	2219	2921	3819	4401														
40	1558	1829	2596	3741	4455														
45	1381	1552	2178	3588	4487														
50	1176	1343	1693	3344	4505														
55	1010	1094	1344	2950	4462														
60	830	890	1005	2332	4200														
65	604	635	705	1239	3482														
70	375	392	405	541	2117														
75	194	196	187	243	393														
80	77.8	78.0	74.5	93.2	130														
85	15.4	17.1	17.2	22.9	28.9														
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:2024-12-12

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: