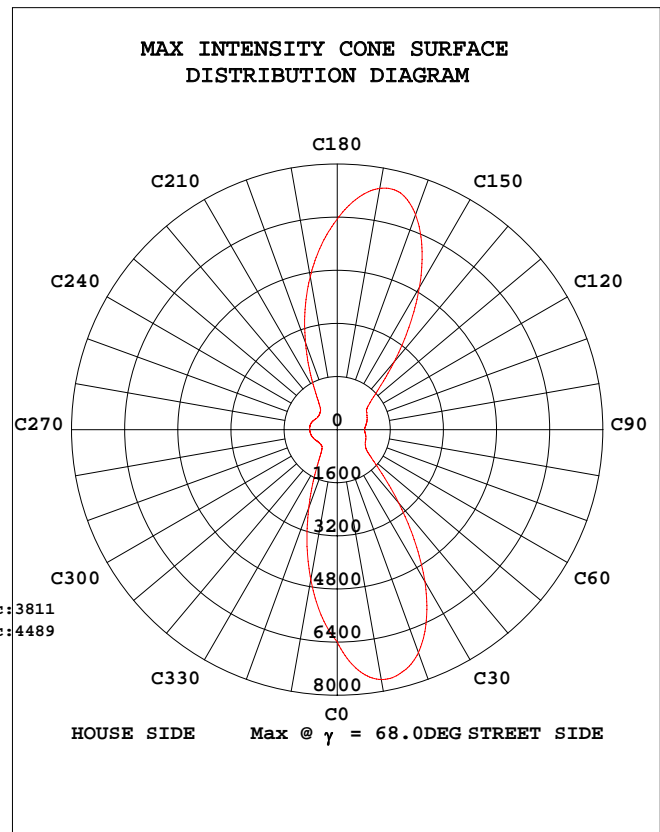
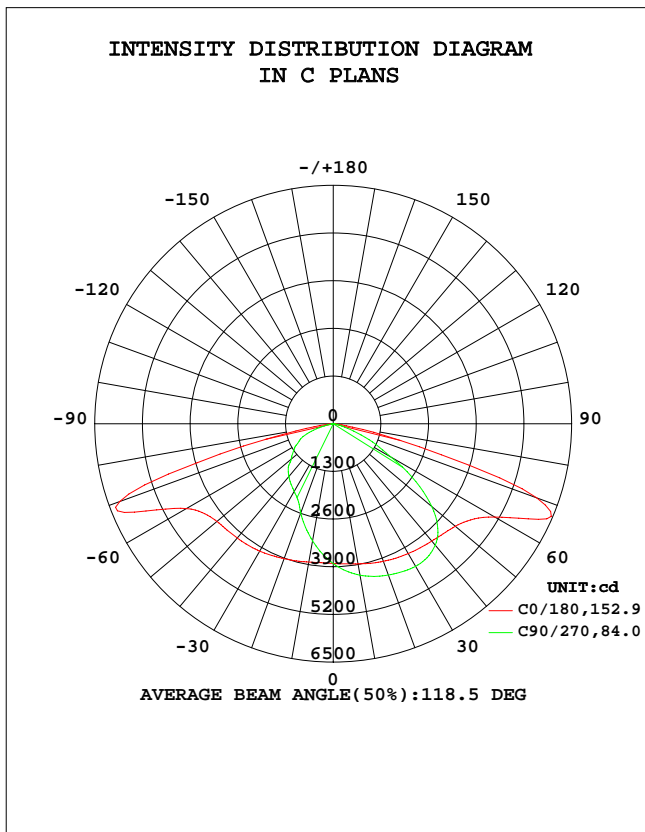


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.3V I:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.01 lm/W			
MODEL	3030	I _{max} (cd)	7556	η street_up(%)	0.0
NOMINAL POWER(W)	110	LOR(%)	100.0	η street_down(%)	62.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14863	η house_up(%)	0.0
NOMINAL FLUX(lm)	14863	MAXIMUM @(C,γ)	15,68.0	η house_down(%)	37.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.550



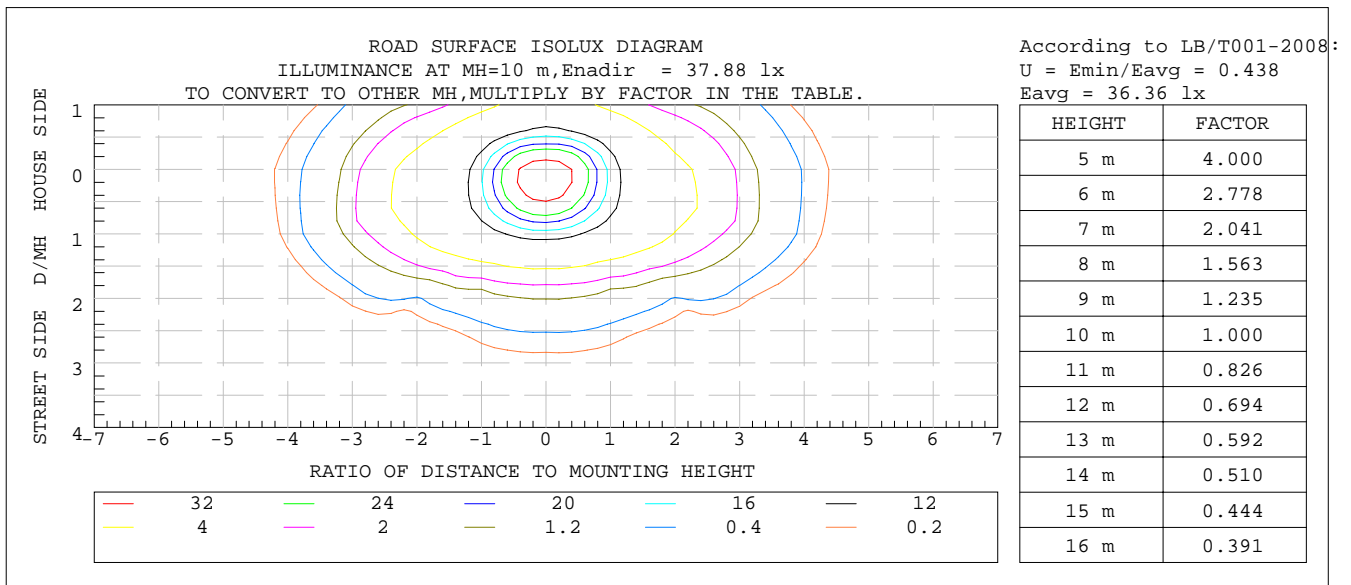
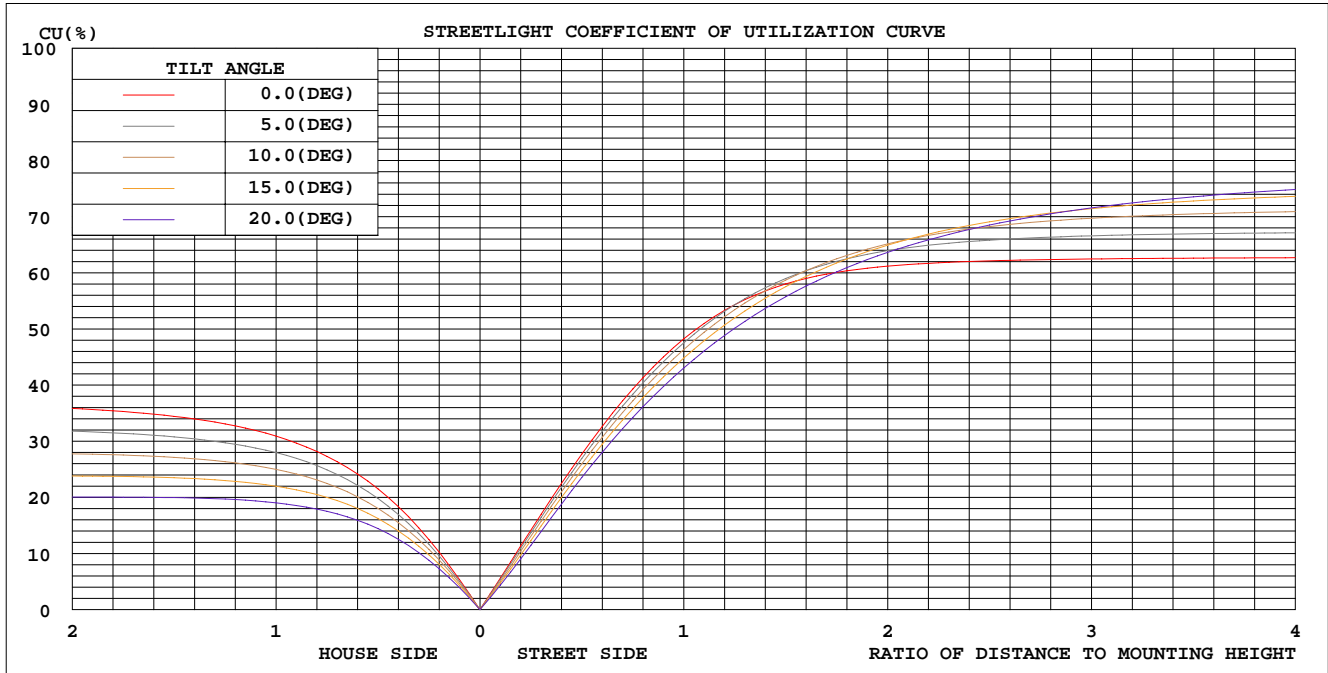
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-12-12

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:

```

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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

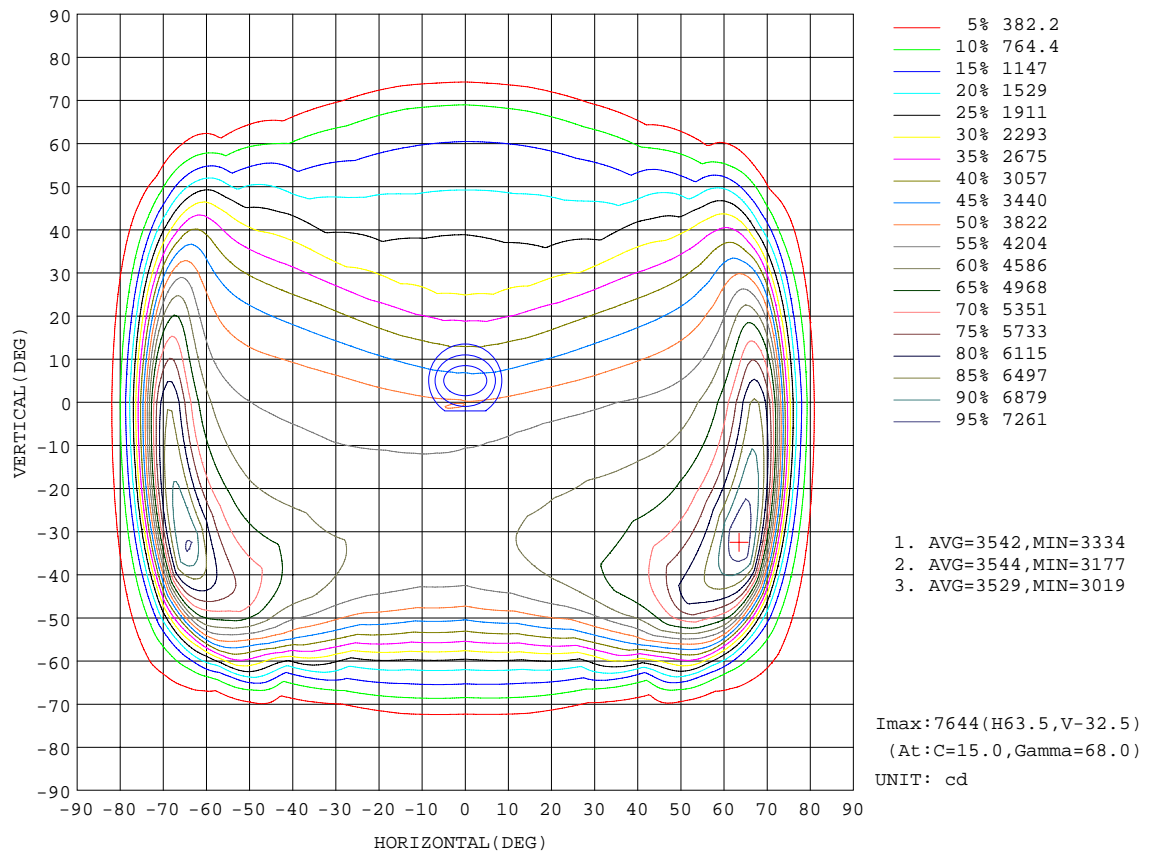
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	3879	4133	4191	4100	3831	3439	3243	3468	0- 10	362.5	362.5	2.44,2.44
20	3992	4376	4389	4312	3915	3089	2593	3115	10- 20	1064	1427	9.6,9.6
30	4087	4564	4488	4451	4012	2733	2134	2745	20- 30	1704	3130	21.1,21.1
40	4178	4776	4324	4610	4070	2316	1881	2285	30- 40	2268	5398	36.3,36.3
50	4348	4975	3506	4739	4141	1861	1502	1811	40- 50	2700	8098	54.5,54.5
60	5090	4376	1826	4110	4625	1272	1172	1241	50- 60	2873	10970	73.8,73.8
70	5900	1104	597.0	1132	6188	530.8	700.1	476.9	60- 70	2724	13695	92.1,92.1
80	534.0	118.9	107.7	128.1	749.4	90.23	82.52	80.01	70- 80	1105	14800	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	63.01	14863	100,100
100	0	0	0	0	0	0	0	0	90-100	0	14863	100,100
110	0	0	0	0	0	0	0	0	100-110	0	14863	100,100
120	0	0	0	0	0	0	0	0	110-120	0	14863	100,100
130	0	0	0	0	0	0	0	0	120-130	0	14863	100,100
140	0	0	0	0	0	0	0	0	130-140	0	14863	100,100
150	0	0	0	0	0	0	0	0	140-150	0	14863	100,100
160	0	0	0	0	0	0	0	0	150-160	0	14863	100,100
170	0	0	0	0	0	0	0	0	160-170	0	14863	100,100
180	0	0	0	0	0	0	0	0	170-180	0	14863	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

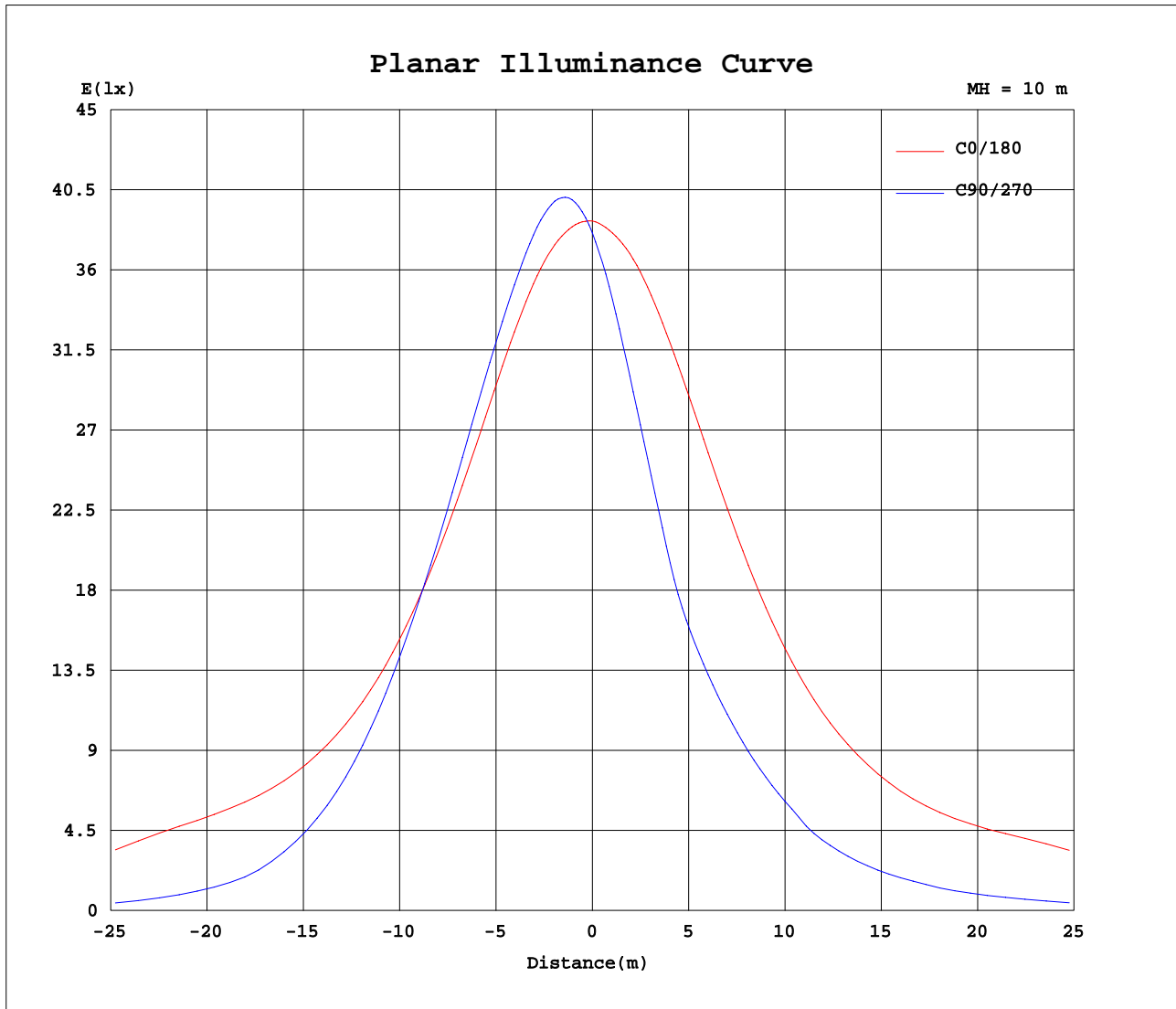
Test:U:219.3V I:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:



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



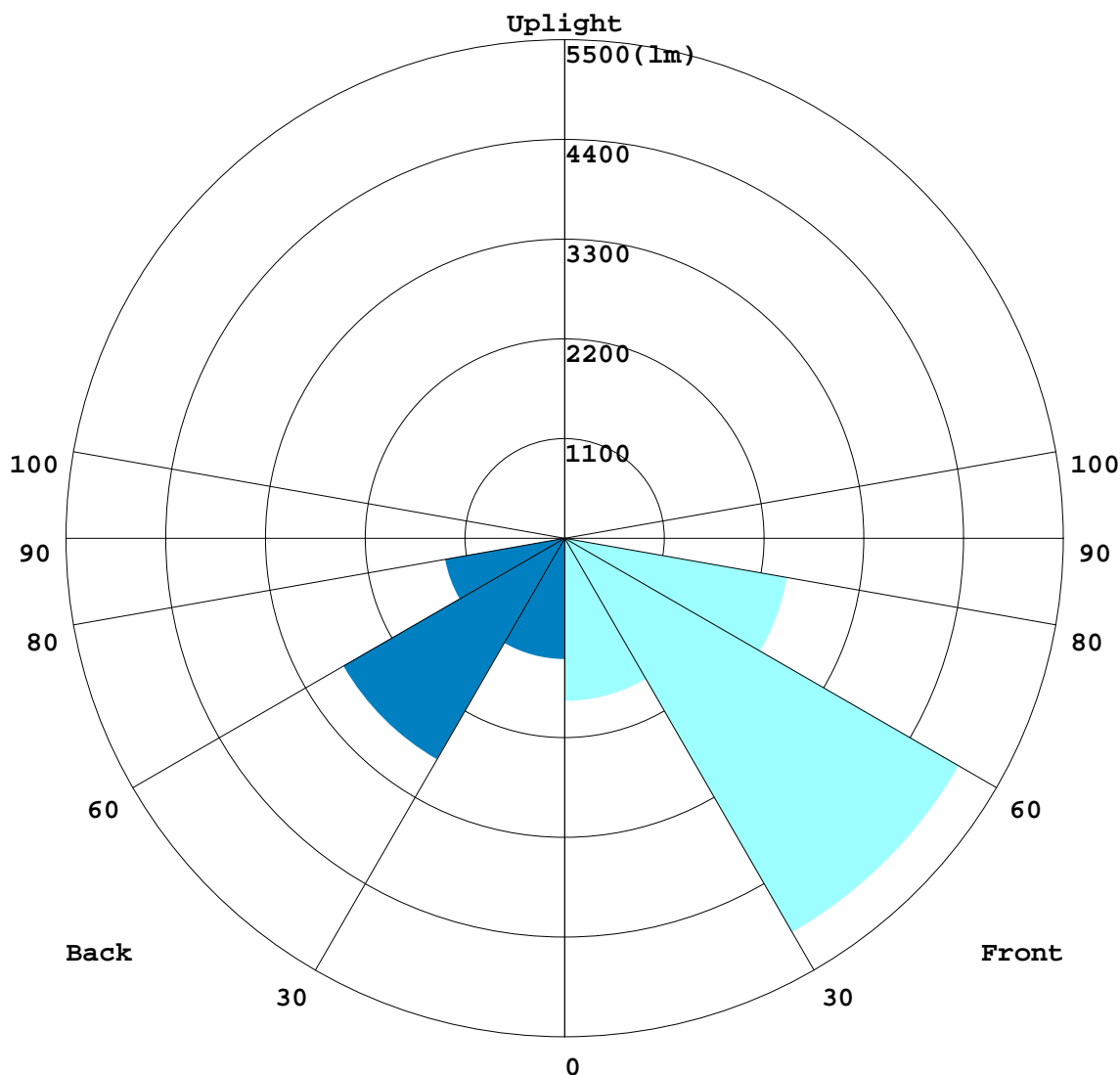
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-12-12

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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1796	12.1
FM - Front-Medium(30-60)	5022.4	33.8
FH - Front-High(60-80)	2491.9	16.8
FVH - Front-Very High(80-90)	37.804	0.3
Total Forward Light	9348.1	62.9

BL - Back-Low(0-30)	1334.5	9.0
BM - Back-Medium(30-60)	2817.5	19.0
BH - Back-High(60-80)	1337.7	9.0
BVH - Back-Very High(80-90)	25.202	0.2
Total Back Light	5514.9	37.1

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	5514.9	0	5514.9
Street Side	9348.1	0	9348.1

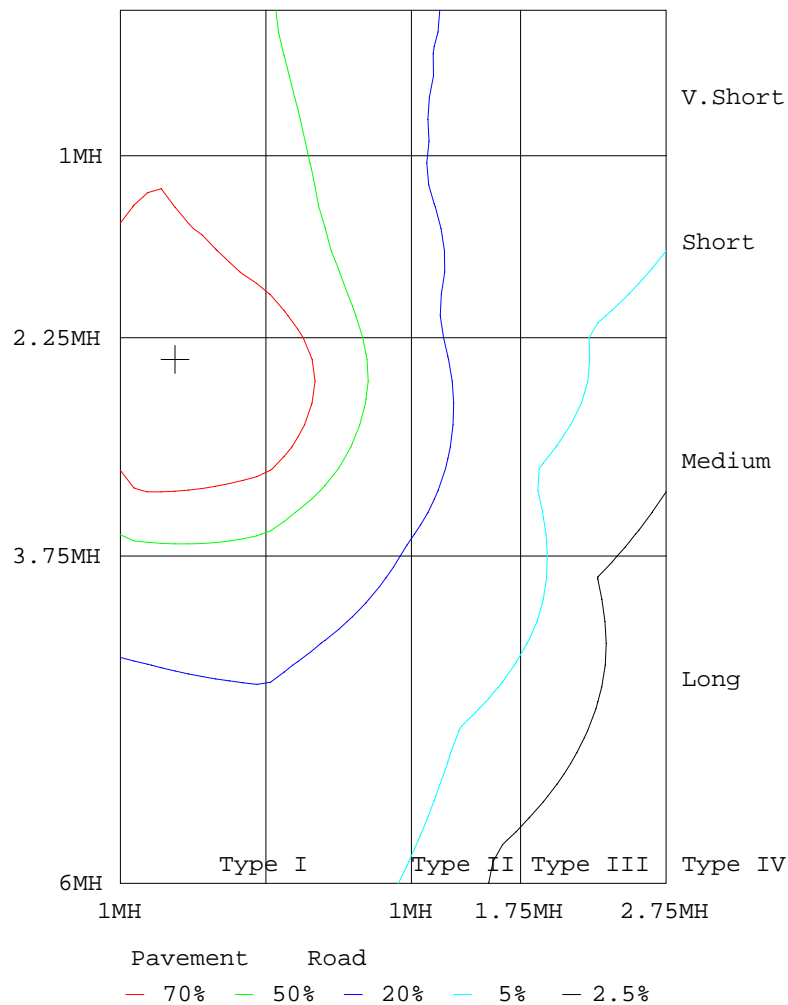
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-12-12

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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811	3811
5	3835	3894	3944	3983	4009	4028	4028	4021	3995	3963	3918	3865	3804	3743	3681	3625	3583	3554	3550
10	3879	3988	4073	4133	4169	4192	4191	4181	4144	4100	4030	3943	3831	3707	3572	3439	3332	3257	3243
15	3939	4087	4193	4263	4295	4314	4309	4298	4262	4216	4138	4026	3872	3691	3476	3262	3085	2959	2927
20	3992	4178	4299	4376	4402	4406	4389	4377	4351	4312	4227	4102	3915	3678	3388	3089	2833	2647	2593
25	4044	4261	4394	4476	4494	4483	4451	4438	4418	4387	4304	4176	3964	3677	3305	2913	2572	2338	2288
30	4087	4338	4485	4564	4571	4539	4488	4481	4476	4451	4374	4237	4012	3673	3224	2733	2330	2154	2134
35	4132	4408	4577	4662	4636	4542	4458	4474	4518	4527	4440	4295	4046	3664	3134	2533	2118	2019	2009
40	4178	4485	4696	4776	4651	4456	4324	4382	4518	4610	4530	4356	4070	3656	3025	2316	1946	1882	1881
45	4242	4593	4865	4893	4579	4225	4034	4154	4421	4690	4675	4435	4097	3638	2889	2083	1782	1734	1738
50	4348	4780	5114	4975	4312	3752	3506	3682	4146	4739	4891	4561	4141	3608	2722	1861	1605	1493	1502
55	4573	5143	5473	4892	3692	2996	2752	2954	3542	4626	5197	4830	4280	3581	2500	1615	1338	1315	1336
60	5090	5867	5948	4376	2680	2040	1826	2035	2585	4110	5579	5423	4625	3595	2193	1272	1131	1151	1172
65	6172	7109	6045	3299	1447	1253	1184	1272	1456	2973	5597	6589	5636	3732	1739	982	885	939	982
70	5900	7277	4407	1104	656	652	597	669	720	1132	4249	7281	6188	3479	1057	531	566	671	700
75	2435	3210	1323	306	233	259	242	264	238	322	1355	3759	3195	1564	335	228	245	312	331
80	534	519	205	119	106	109	108	113	111	128	195	623	749	223	106	90.2	89.1	87.7	82.5
85	54.2	65.0	41.4	31.4	26.3	27.9	25.5	30.3	30.6	37.3	45.5	93.0	92.0	40.5	28.2	23.2	22.5	19.8	19.7
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:0.5180A P:110.1W PF:0.9693 Freq:50.01Hz Lamp Flux:14863x1 lm		
NAME: AoK ILE	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AOK-110WiLE-NV-L3-00-5070-T211-P	DIM.: 601*240*60mm	SERIAL No.:
MFR.: AOK	SUR.:175*208mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345													
0	3811	3811	3811	3811	3811													
5	3560	3595	3643	3705	3769													
10	3267	3351	3468	3608	3751													
15	2965	3100	3294	3522	3746													
20	2645	2840	3115	3436	3741													
25	2345	2583	2935	3345	3733													
30	2142	2327	2745	3262	3730													
35	1998	2095	2523	3157	3731													
40	1867	1915	2285	3031	3724													
45	1734	1753	2041	2885	3708													
50	1511	1591	1811	2693	3692													
55	1347	1360	1563	2439	3689													
60	1176	1163	1241	2092	3731													
65	951	892	954	1553	3816													
70	650	547	477	899	3021													
75	297	220	208	271	1096													
80	83.3	82.3	80.0	91.0	144													
85	18.4	19.4	18.4	21.9	29.7													
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
γ Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity:65.0%
Test Distance:7.682m [K=1.0000]
Remarks: