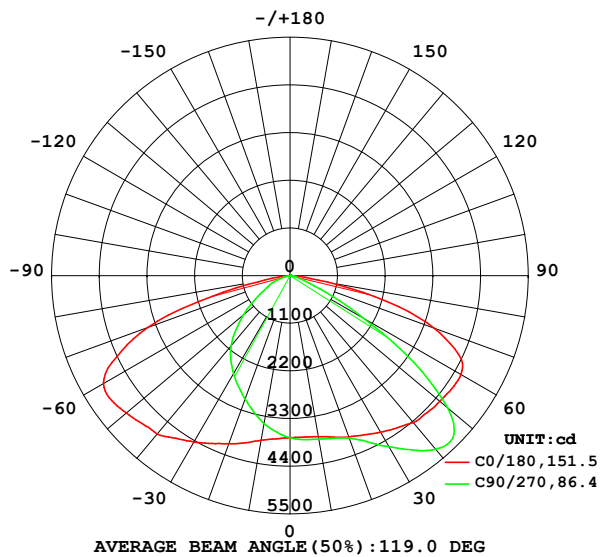
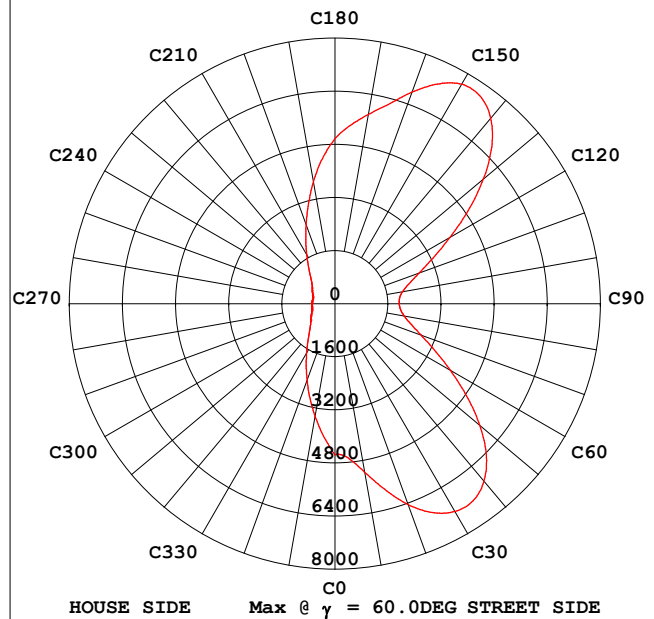


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 153.75 lm/W
MODEL	2835	Imax(cd)	7641	η street_up(%)	0.0	
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	65.4	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15413	η house_up(%)	0.0	
NOMINAL FLUX(lm)	15413.4	MAXIMUM @ (C, γ)	150,60.0	η house_down(%)	34.6	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.293	

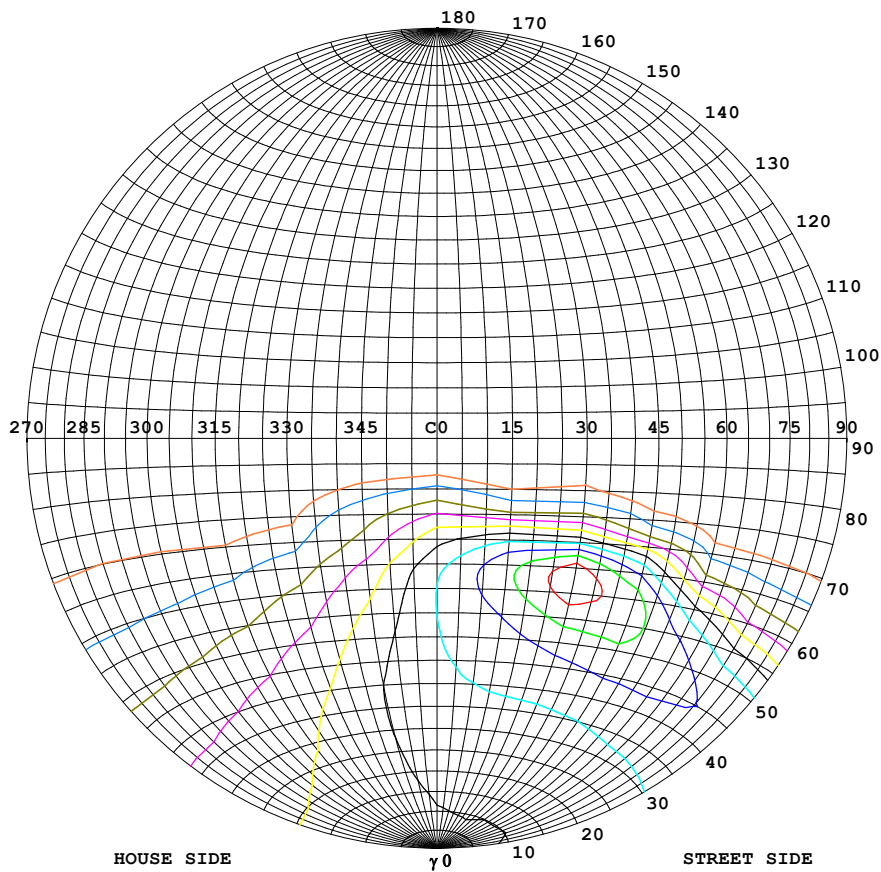
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



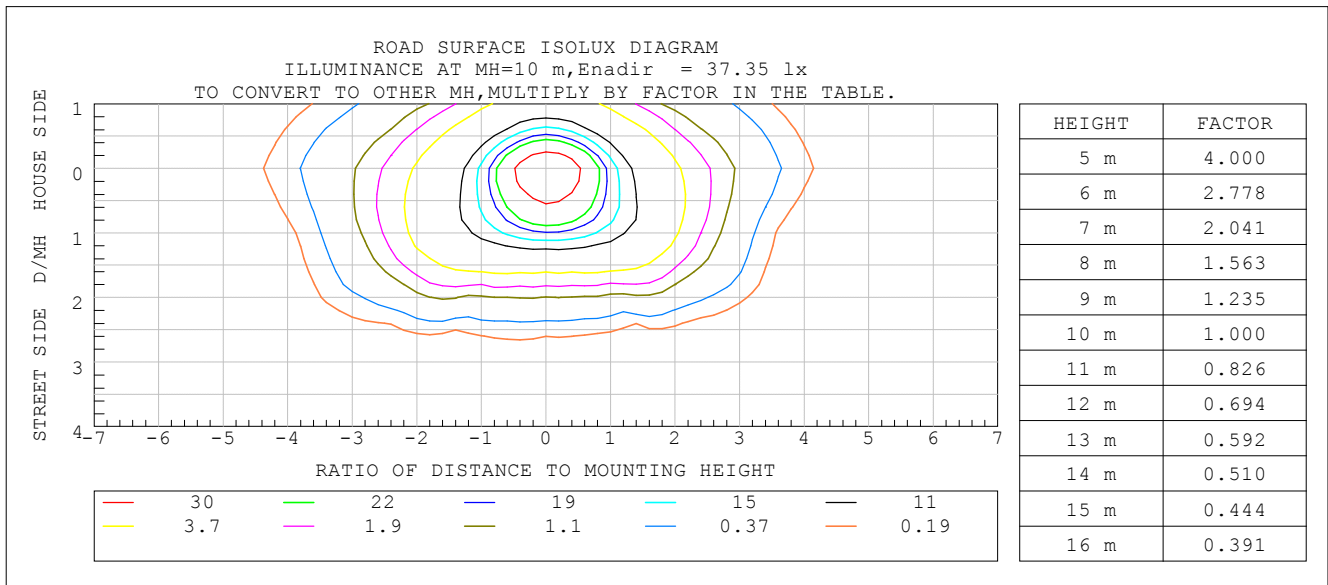
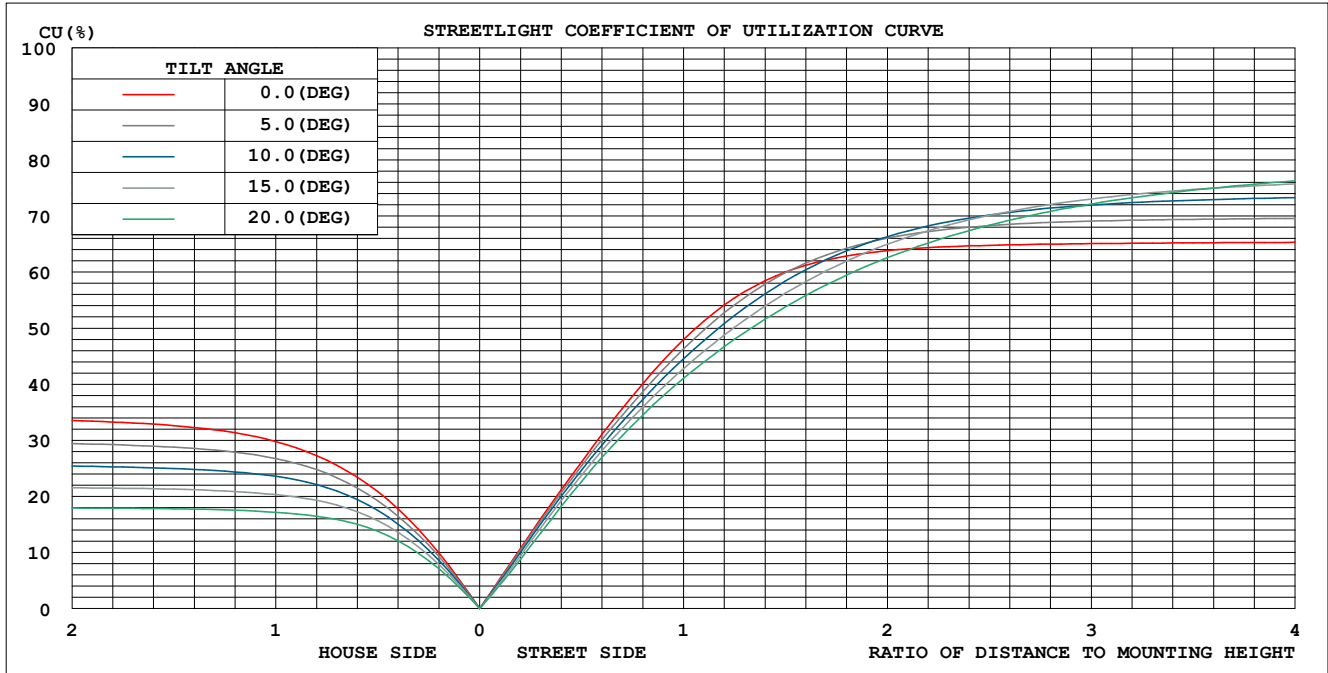
Classification:

IES:Type II - Short
CIE:Average - Intermediate
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:57.50cd/klm
Max.At90:0cd/klm
Max.80-90:57.50cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	7641
90%	6877
80%	6113
70%	5349
60%	4585
50%	3820
40%	3056
30%	2292
20%	1528
10%	764
5%	382

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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: 2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

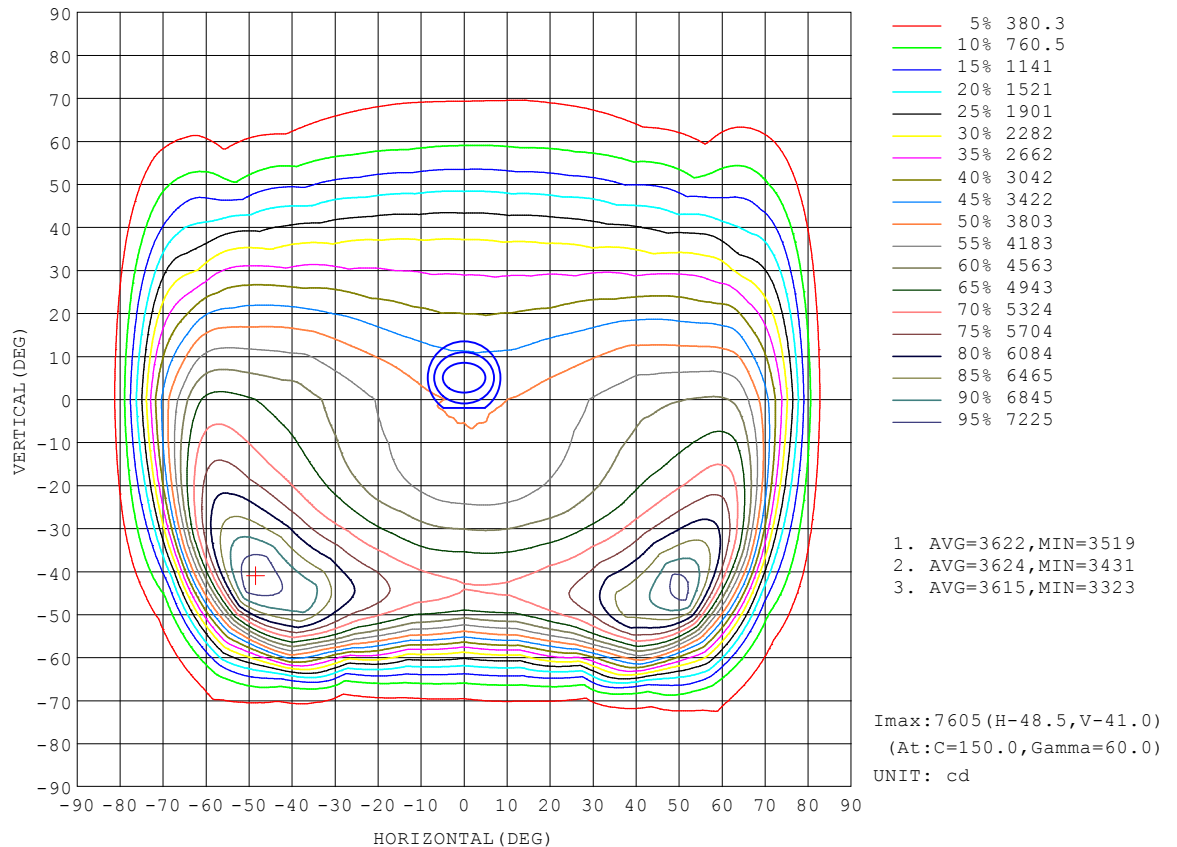
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	3773	3817	3831	3890	3859	3616	3469	3568	0- 10	356.3	356.3	2.31,2.31
20	3960	3963	3995	4133	4131	3429	3035	3335	10- 20	1059	1415	9.18,9.18
30	4172	4307	4553	4544	4434	3100	2612	3009	20- 30	1753	3168	20.6,20.6
40	4426	4951	5230	5356	4775	2633	2120	2561	30- 40	2461	5629	36.5,36.5
50	4514	5949	4743	6516	4933	1978	1397	1960	40- 50	3095	8724	56.6,56.6
60	4555	6452	1942	6680	4974	1013	706.9	1070	50- 60	3314	12038	78.1,78.1
70	3543	2780	356.3	2068	3488	345.0	343.4	395.6	60- 70	2497	14535	94.3,94.3
80	886.2	197.4	112.3	157.7	581.2	77.00	51.34	110.6	70- 80	794.3	15330	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	83.59	15413	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15413	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15413	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15413	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15413	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15413	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15413	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15413	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15413	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15413	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:2024-9-13

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:

ISOCANDELA DIAGRAM

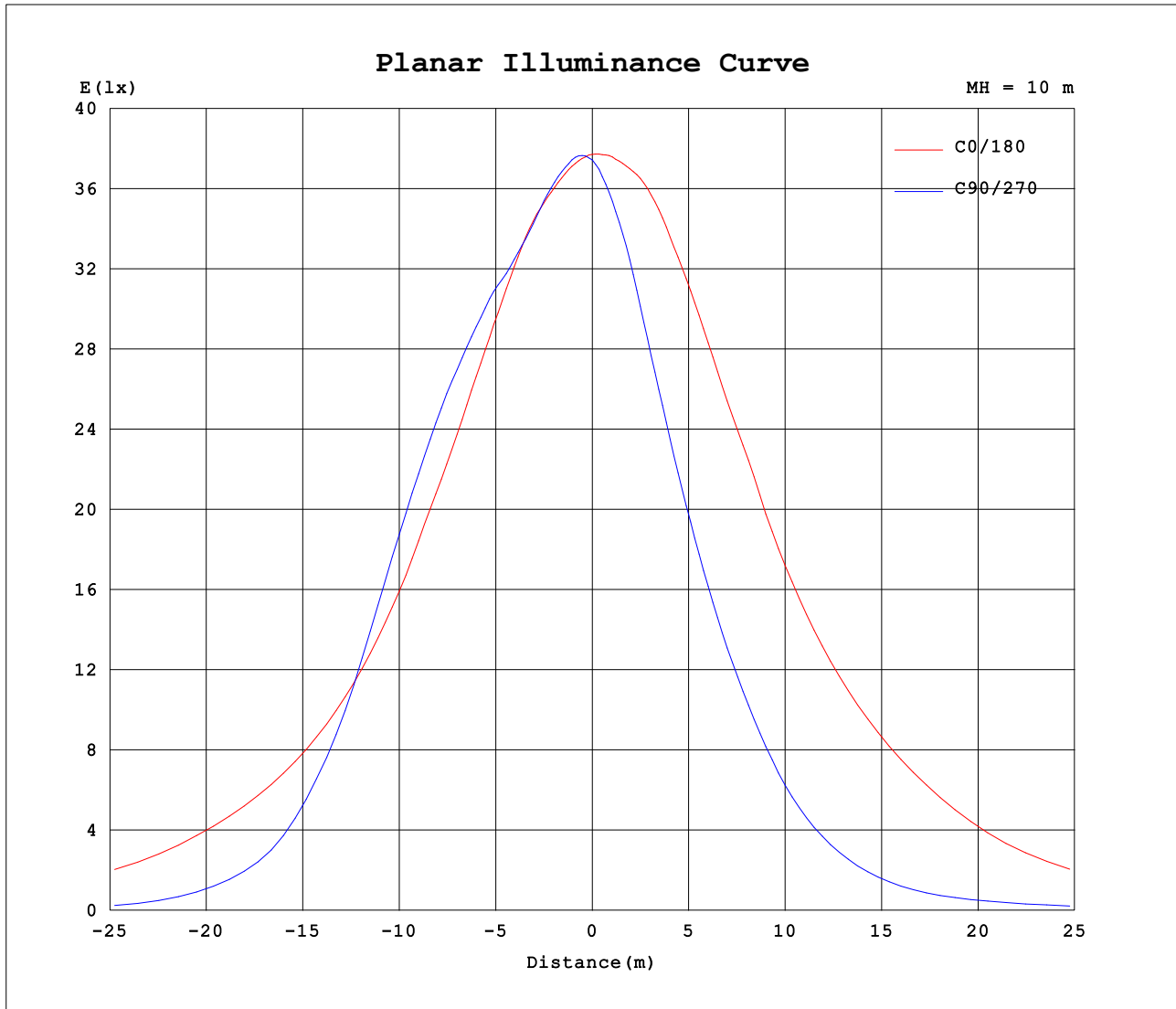
Test:U:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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



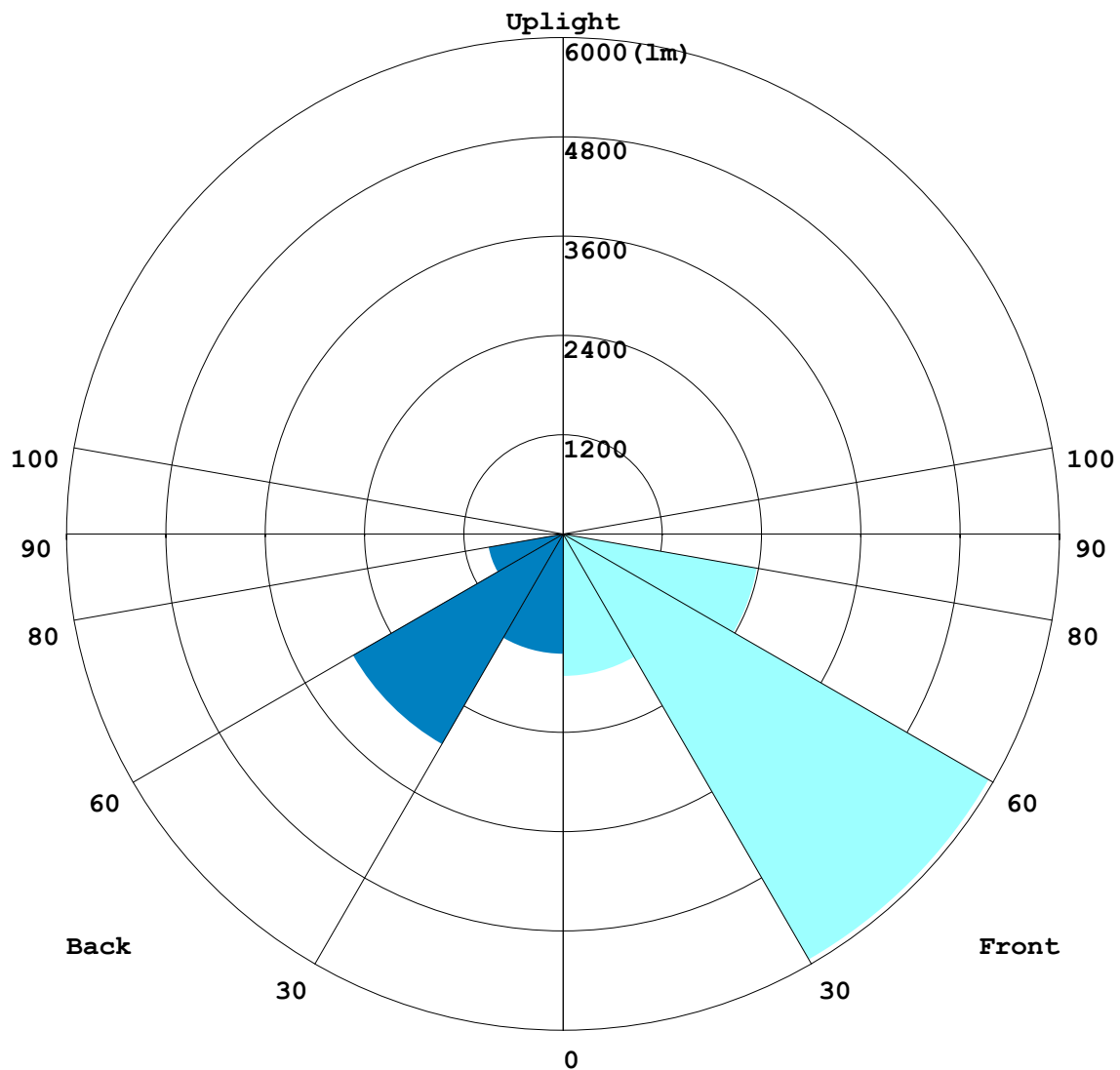
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	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: 2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1718.4	11.1
FM - Front-Medium(30-60)	5940	38.5
FH - Front-High(60-80)	2376.8	15.4
FVH - Front-Very High(80-90)	50.01	0.3
Total Forward Light	10085	65.4

BL - Back-Low(0-30)	1449.5	9.4
BM - Back-Medium(30-60)	2930.3	19.0
BH - Back-High(60-80)	914.9	5.9
BVH - Back-Very High(80-90)	33.582	0.2
Total Back Light	5328.3	34.6

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5328.3	0	5328.3
Street Side	10085	0	10085

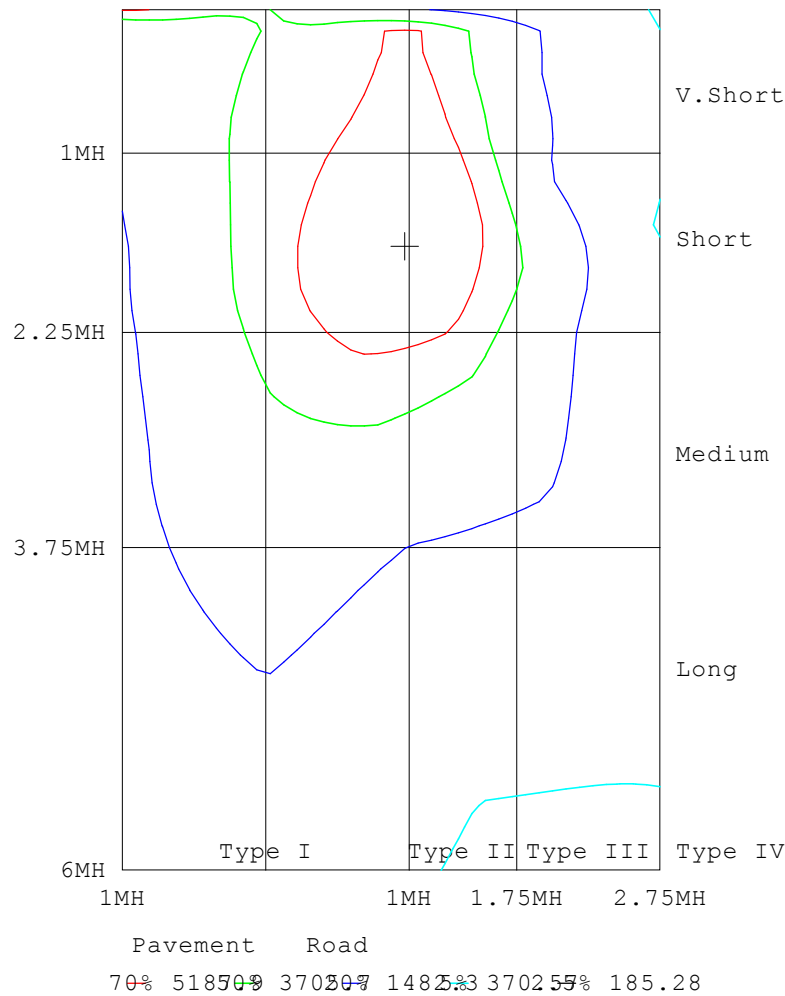
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	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	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743	3743
5	3741	3758	3776	3785	3790	3794	3799	3807	3810	3814	3811	3801	3780	3752	3721	3684	3656	3632	3624
10	3773	3805	3818	3817	3818	3822	3831	3848	3871	3890	3901	3896	3859	3793	3707	3616	3544	3487	3469
15	3857	3893	3885	3868	3876	3876	3885	3914	3941	3989	4038	4047	3995	3876	3712	3540	3391	3286	3255
20	3960	4015	4005	3963	3951	3965	3995	4024	4052	4133	4190	4202	4131	3943	3704	3429	3210	3072	3035
25	4055	4124	4123	4103	4110	4170	4229	4244	4278	4305	4340	4360	4272	4004	3650	3275	3020	2865	2820
30	4172	4261	4254	4307	4402	4487	4553	4567	4594	4544	4533	4554	4434	4058	3569	3100	2819	2657	2612
35	4291	4424	4459	4573	4735	4832	4909	4919	4959	4916	4830	4775	4587	4100	3439	2886	2590	2427	2383
40	4426	4609	4734	4951	5108	5178	5230	5285	5365	5356	5156	5007	4775	4065	3240	2633	2336	2170	2120
45	4473	4796	5102	5408	5467	5358	5307	5485	5786	5882	5624	5249	4832	3950	2969	2338	2026	1819	1769
50	4514	5027	5626	5949	5645	5045	4743	5125	5946	6516	6280	5556	4933	3762	2628	1978	1605	1427	1397
55	4552	5366	6372	6483	5219	4006	3480	4036	5370	7039	7090	5957	5025	3497	2211	1491	1183	1039	1025
60	4555	5787	7225	6452	4010	2368	1942	2303	3999	6680	7641	6215	4974	3101	1714	1013	794	697	707
65	4292	5800	7149	5200	1933	1145	915	1063	1775	4923	6581	5672	4406	2413	1080	605	511	504	525
70	3543	4423	4417	2780	615	447	356	376	494	2068	3533	3653	3488	1771	546	345	363	364	343
75	2321	1703	1777	568	238	227	186	216	221	466	1155	1011	1869	1010	265	210	241	184	181
80	886	382	431	197	127	121	112	117	115	158	360	166	581	393	111	77.0	101	89.5	51.3
85	135	61.0	197	57.4	47.4	57.9	50.5	55.5	40.9	41.1	88.7	40.9	44.8	43.2	21.5	20.9	24.1	28.0	8.22
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:2024-9-13

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:219.32V I:0.4702A P:100.25W PF:0.9721 Freq:50.01Hz Lamp Flux:15413.4x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT:
SPEC.: AoK-100WiLF-NV-L2-00-4070-T201-P	DIM.:	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	3743	3743	3743	3743	3743														
5	3623	3638	3656	3684	3715														
10	3474	3511	3568	3638	3712														
15	3271	3350	3464	3602	3746														
20	3056	3159	3335	3576	3795														
25	2846	2964	3183	3511	3823														
30	2636	2764	3009	3407	3849														
35	2408	2543	2802	3272	3863														
40	2156	2298	2561	3083	3840														
45	1809	2005	2288	2826	3712														
50	1434	1612	1960	2519	3529														
55	1058	1214	1520	2155	3268														
60	724	839	1070	1716	2936														
65	523	551	675	1157	2470														
70	386	391	396	599	1754														
75	207	284	237	303	1157														
80	131	164	111	140	499														
85	48.0	44.3	37.6	40.0	99.4														
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:2024-9-13

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: