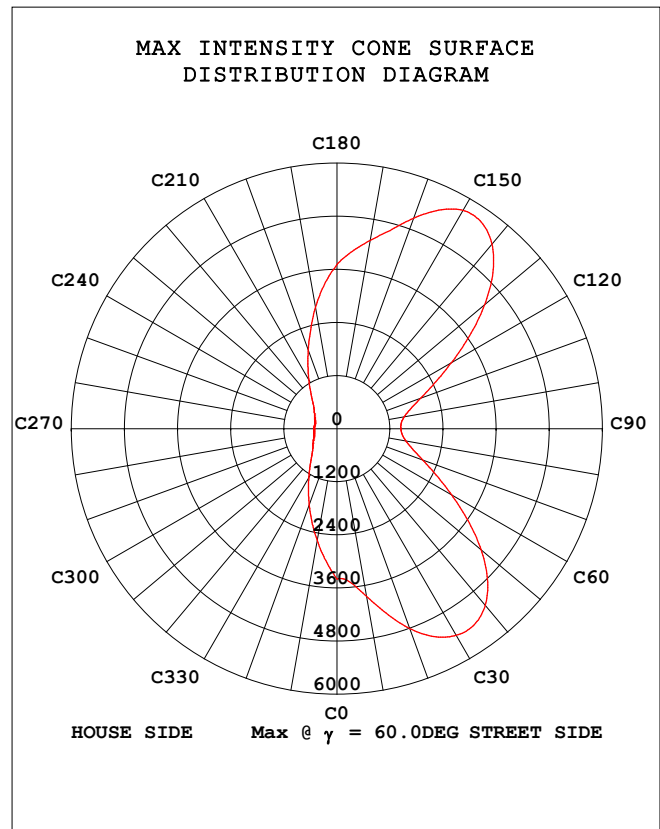
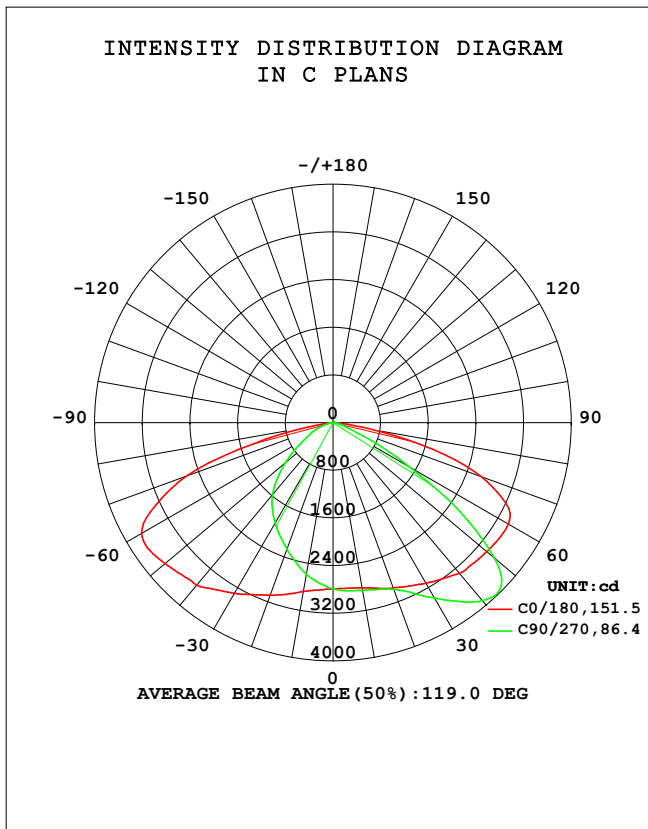


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.32V I:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.45 lm/W			
MODEL	2835	I _{max} (cd)	5700	η street_up (%)	0.0
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	65.4
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	11499	η house_up (%)	0.0
NOMINAL FLUX (lm)	11498.7	MAXIMUM @ (C, γ)	150, 60.0	η house_down (%)	34.6
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m ²)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	20.872

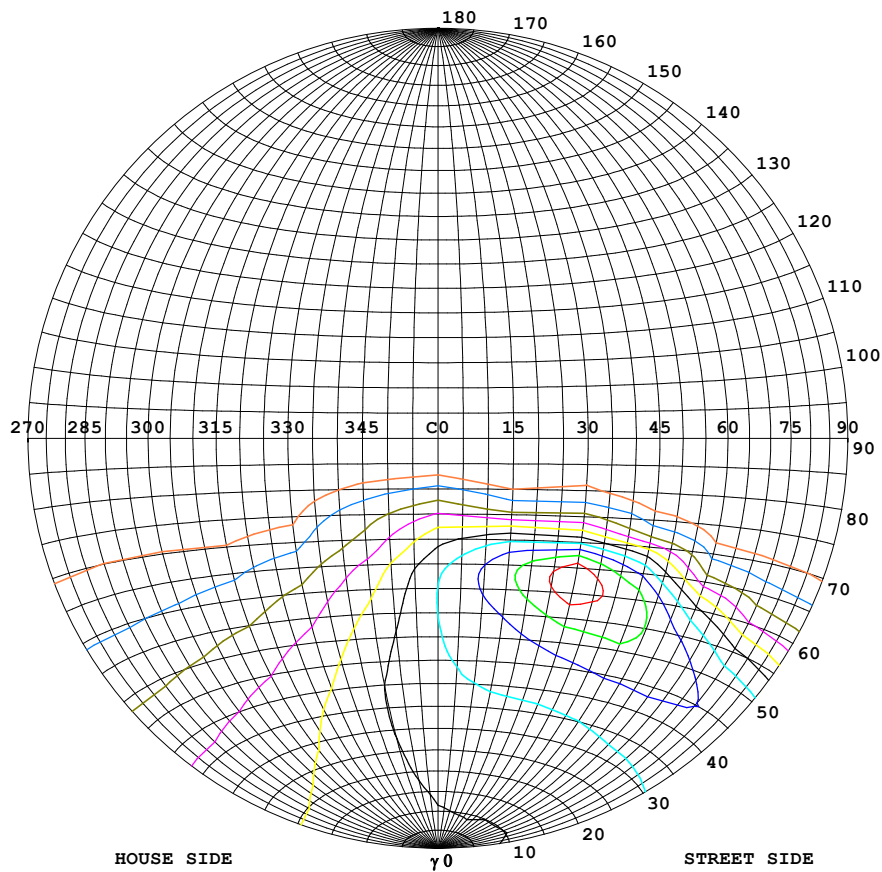


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: yanyonggeng
Test Date: 2024-9-13

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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



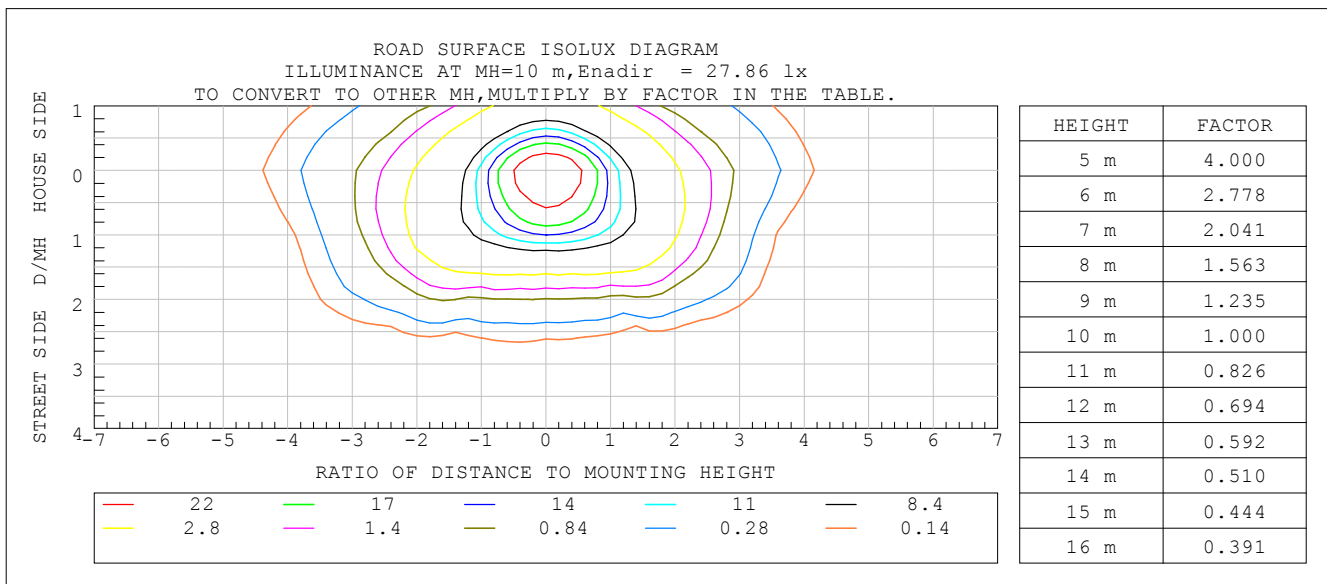
Classification:

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%	5700
90%	5130
80%	4560
70%	3990
60%	3420
50%	2850
40%	2280
30%	1710
20%	1140
10%	570
5%	285

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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

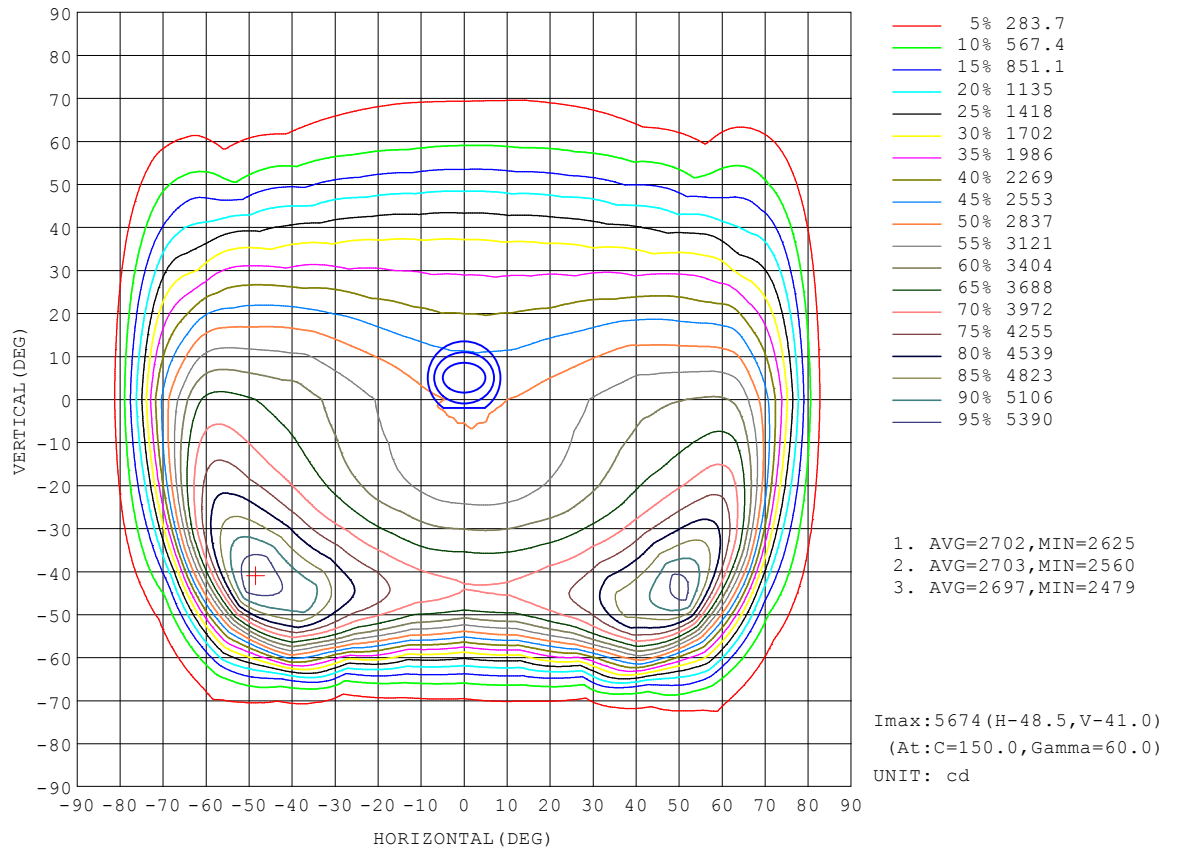
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	2815	2848	2858	2902	2879	2697	2588	2661	0- 10	265.8	265.8	2.31,2.31
20	2954	2956	2981	3083	3082	2558	2264	2488	10- 20	789.7	1055	9.18,9.18
30	3113	3213	3397	3390	3308	2313	1949	2245	20- 30	1308	2363	20.6,20.6
40	3302	3693	3902	3996	3562	1965	1582	1911	30- 40	1836	4199	36.5,36.5
50	3367	4438	3538	4861	3680	1475	1042	1462	40- 50	2309	6508	56.6,56.6
60	3398	4813	1449	4983	3711	755.8	527.3	798.2	50- 60	2472	8981	78.1,78.1
70	2643	2074	265.8	1543	2602	257.4	256.2	295.1	60- 70	1863	10844	94.3,94.3
80	661.2	147.3	83.81	117.6	433.6	57.44	38.30	82.51	70- 80	592.6	11436	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	62.36	11499	100,100
100	0	0	0	0	0	0	0	0	90-100	0	11499	100,100
110	0	0	0	0	0	0	0	0	100-110	0	11499	100,100
120	0	0	0	0	0	0	0	0	110-120	0	11499	100,100
130	0	0	0	0	0	0	0	0	120-130	0	11499	100,100
140	0	0	0	0	0	0	0	0	130-140	0	11499	100,100
150	0	0	0	0	0	0	0	0	140-150	0	11499	100,100
160	0	0	0	0	0	0	0	0	150-160	0	11499	100,100
170	0	0	0	0	0	0	0	0	160-170	0	11499	100,100
180	0	0	0	0	0	0	0	0	170-180	0	11499	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

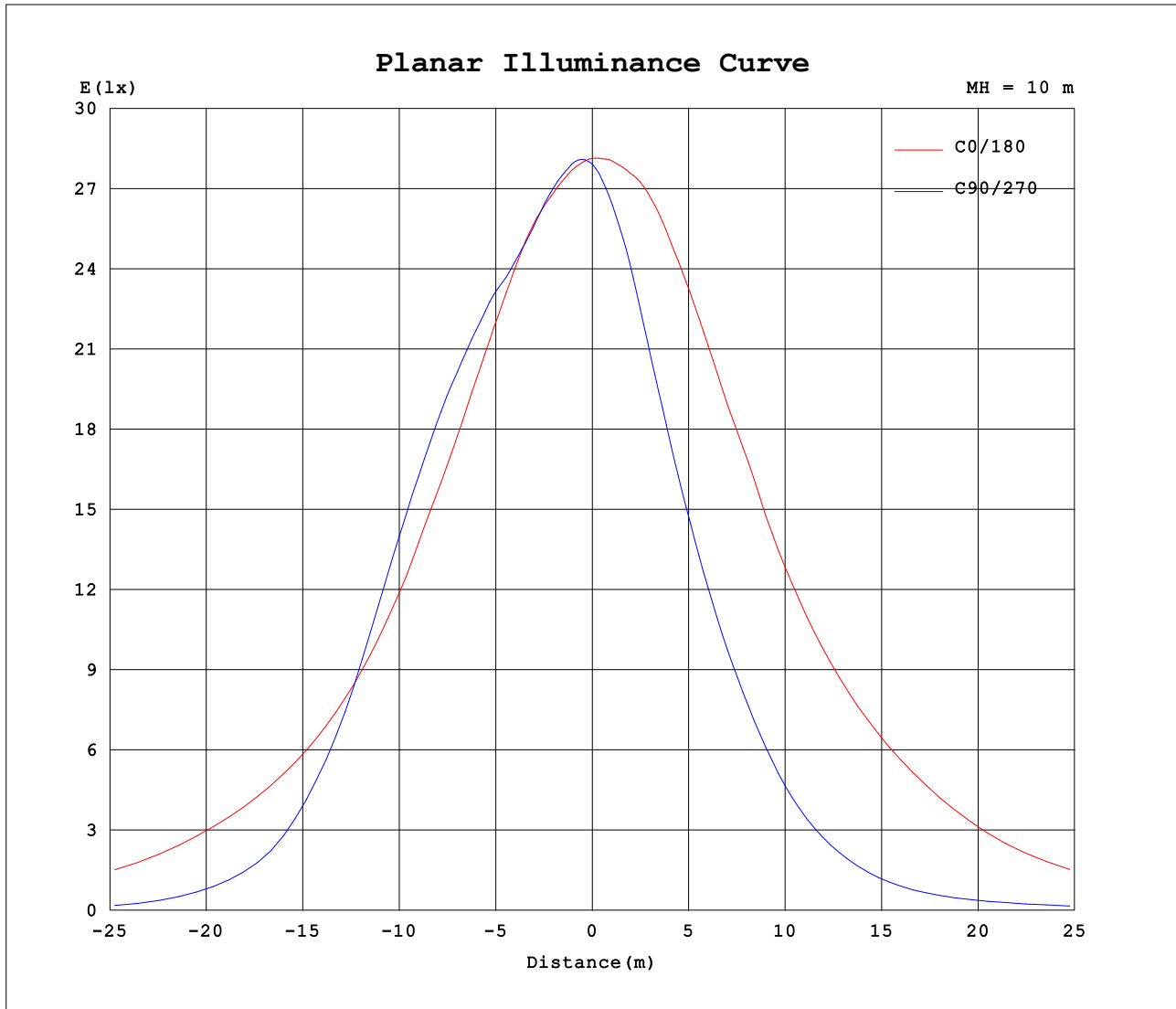
Test:U:219.32V I:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



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



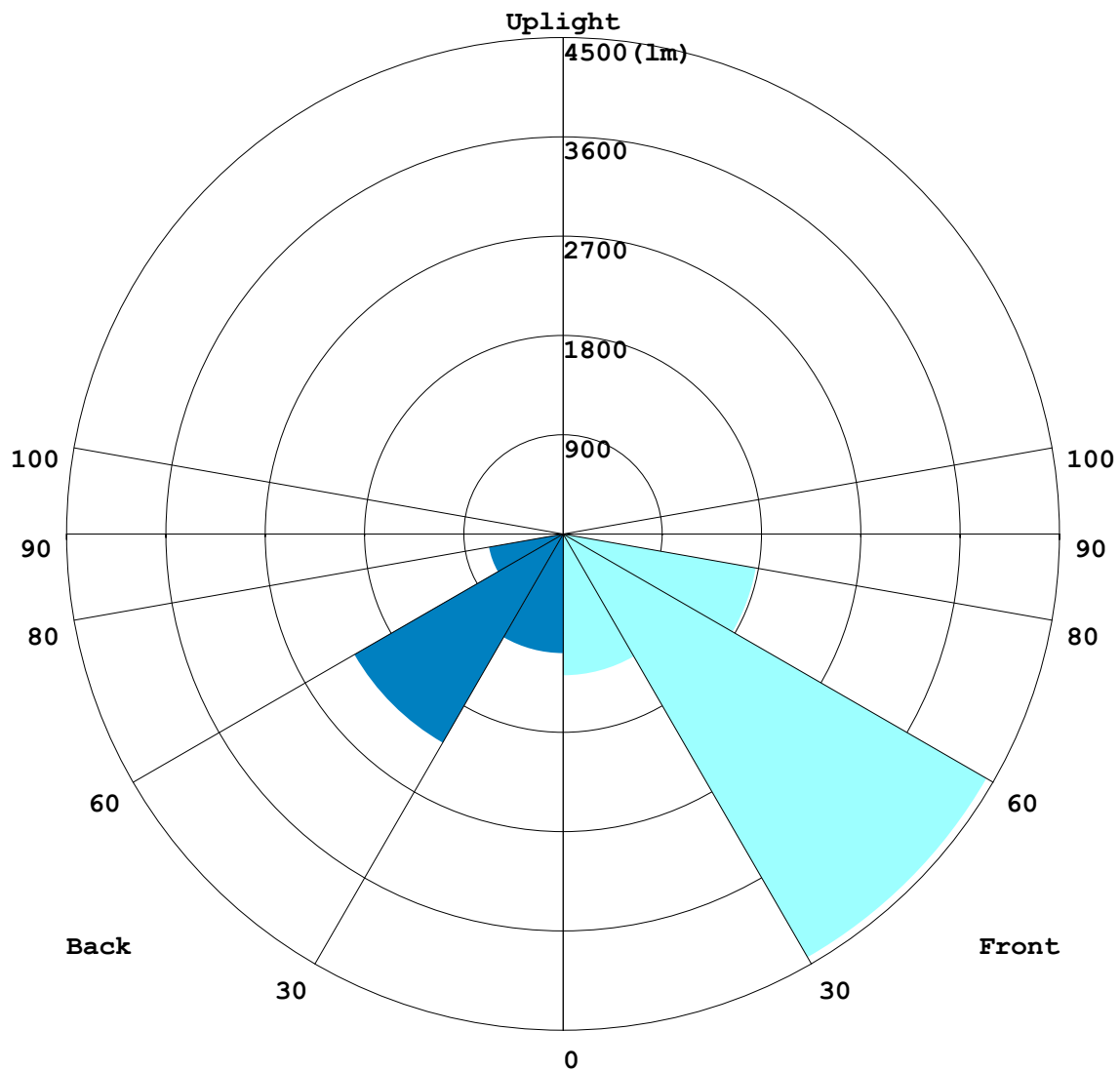
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-9-13

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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1281.9	11.1
FM - Front-Medium(30-60)	4431.3	38.5
FH - Front-High(60-80)	1773.1	15.4
FVH - Front-Very High(80-90)	37.308	0.3
Total Forward Light	7523.7	65.4

BL - Back-Low(0-30)	1081.3	9.4
BM - Back-Medium(30-60)	2186.1	19.0
BH - Back-High(60-80)	682.53	5.9
BVH - Back-Very High(80-90)	25.053	0.2
Total Back Light	3975	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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3975	0	3975
Street Side	7523.7	0	7523.7

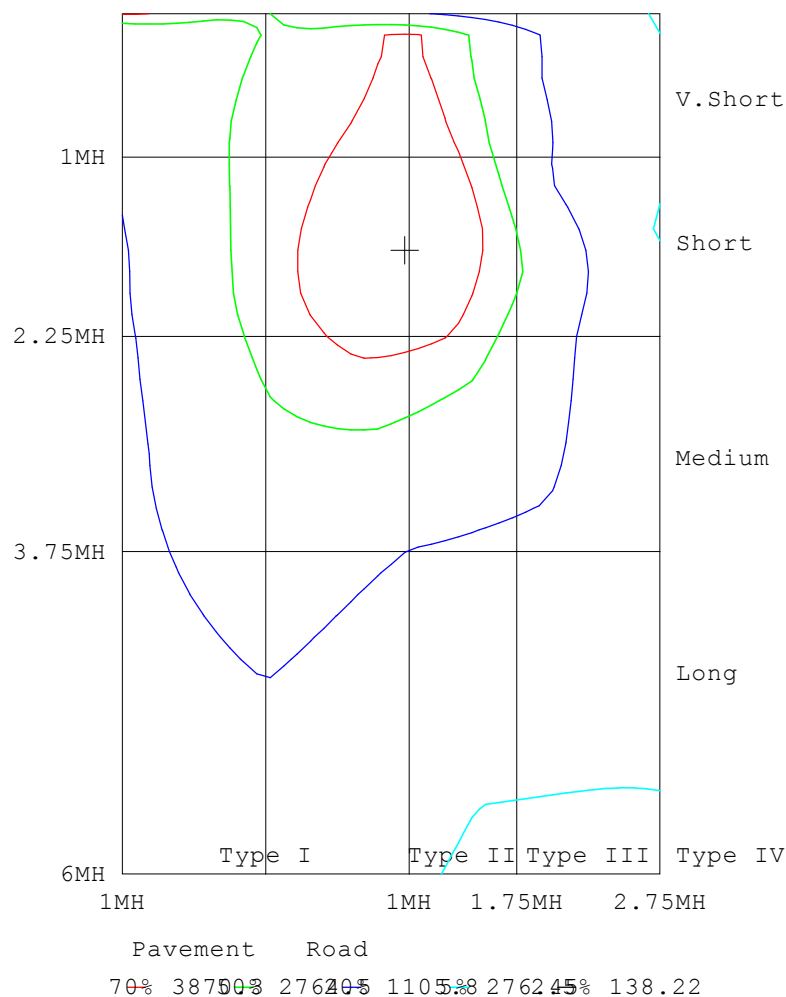
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street LightWEIGHT: 3.4kg	
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	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	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792	2792
5	2791	2804	2817	2823	2827	2830	2834	2840	2842	2845	2843	2836	2820	2799	2776	2748	2727	2709	2703
10	2815	2839	2848	2848	2849	2852	2858	2871	2888	2902	2910	2906	2879	2829	2765	2697	2644	2602	2588
15	2878	2904	2899	2886	2891	2891	2899	2920	2940	2976	3012	3019	2981	2892	2769	2641	2529	2452	2429
20	2954	2995	2988	2956	2948	2958	2981	3002	3023	3083	3126	3135	3082	2941	2763	2558	2394	2292	2264
25	3025	3077	3076	3061	3066	3111	3155	3166	3191	3211	3238	3253	3187	2987	2723	2443	2253	2137	2104
30	3113	3179	3174	3213	3284	3347	3397	3407	3427	3390	3382	3397	3308	3027	2663	2313	2103	1983	1949
35	3201	3300	3326	3412	3533	3605	3662	3670	3700	3667	3603	3562	3422	3058	2566	2153	1933	1810	1778
40	3302	3438	3532	3693	3811	3863	3902	3943	4002	3996	3847	3735	3562	3032	2417	1965	1743	1619	1582
45	3337	3578	3806	4034	4079	3997	3959	4092	4316	4388	4195	3916	3605	2947	2215	1744	1512	1357	1320
50	3367	3750	4197	4438	4211	3764	3538	3823	4436	4861	4685	4145	3680	2806	1961	1475	1197	1065	1042
55	3396	4003	4754	4836	3893	2989	2596	3011	4006	5251	5289	4444	3749	2609	1650	1112	883	775	764
60	3398	4317	5390	4813	2991	1767	1449	1718	2983	4983	5700	4636	3711	2313	1279	756	593	520	527
65	3202	4327	5333	3879	1442	854	683	793	1324	3672	4910	4231	3287	1800	806	451	381	376	392
70	2643	3300	3295	2074	459	334	266	281	369	1543	2636	2726	2602	1321	407	257	271	272	256
75	1731	1270	1326	424	178	169	139	161	165	348	861	754	1394	754	198	156	180	137	135
80	661	285	322	147	94.4	90.1	83.8	87.0	85.8	118	269	124	434	293	82.8	57.4	75.2	66.7	38.3
85	101	45.5	147	42.8	35.3	43.2	37.7	41.4	30.5	30.7	66.2	30.5	33.4	32.2	16.0	15.6	18.0	20.9	6.14
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:0.3313A P:70.350W PF:0.9681 Freq:50.01Hz Lamp Flux:11498.7x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-70WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2792	2792	2792	2792	2792														
5	2703	2714	2728	2749	2771														
10	2591	2619	2661	2714	2770														
15	2440	2499	2584	2687	2794														
20	2280	2357	2488	2668	2831														
25	2123	2211	2375	2619	2852														
30	1967	2062	2245	2541	2872														
35	1797	1897	2091	2441	2882														
40	1608	1714	1911	2300	2865														
45	1350	1496	1707	2108	2769														
50	1069	1202	1462	1879	2633														
55	789	905	1134	1608	2438														
60	540	626	798	1280	2190														
65	390	411	504	863	1843														
70	288	292	295	447	1308														
75	154	212	176	226	863														
80	97.6	122	82.5	105	372														
85	35.8	33.1	28.1	29.8	74.1														
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: