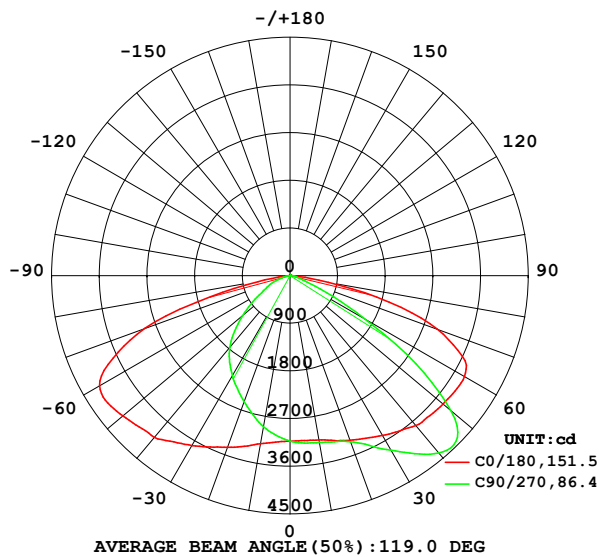
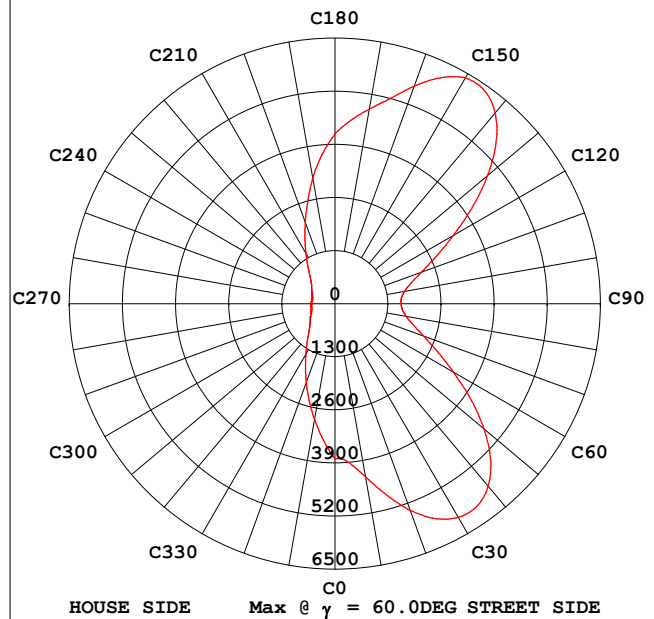


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.32V I:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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: 160.25 lm/W			
MODEL	2835	I _{max} (cd)	6383	η street_up (%)	0.0
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	65.4
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	12876	η house_up (%)	0.0
NOMINAL FLUX (lm)	12876.1	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	21.034

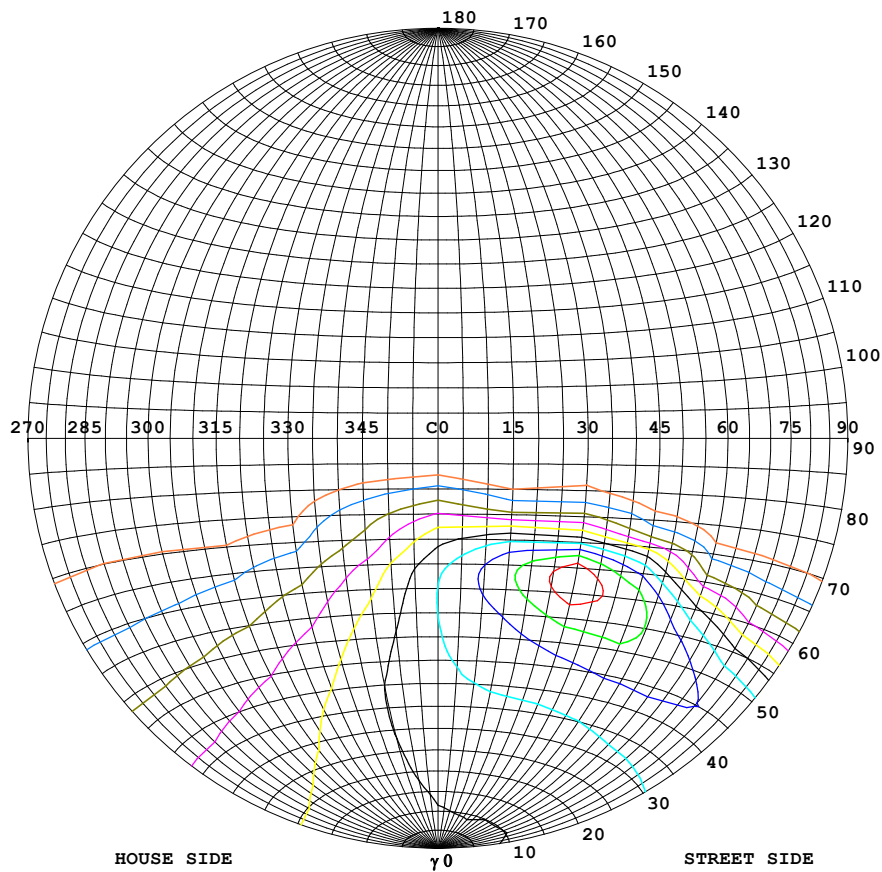
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



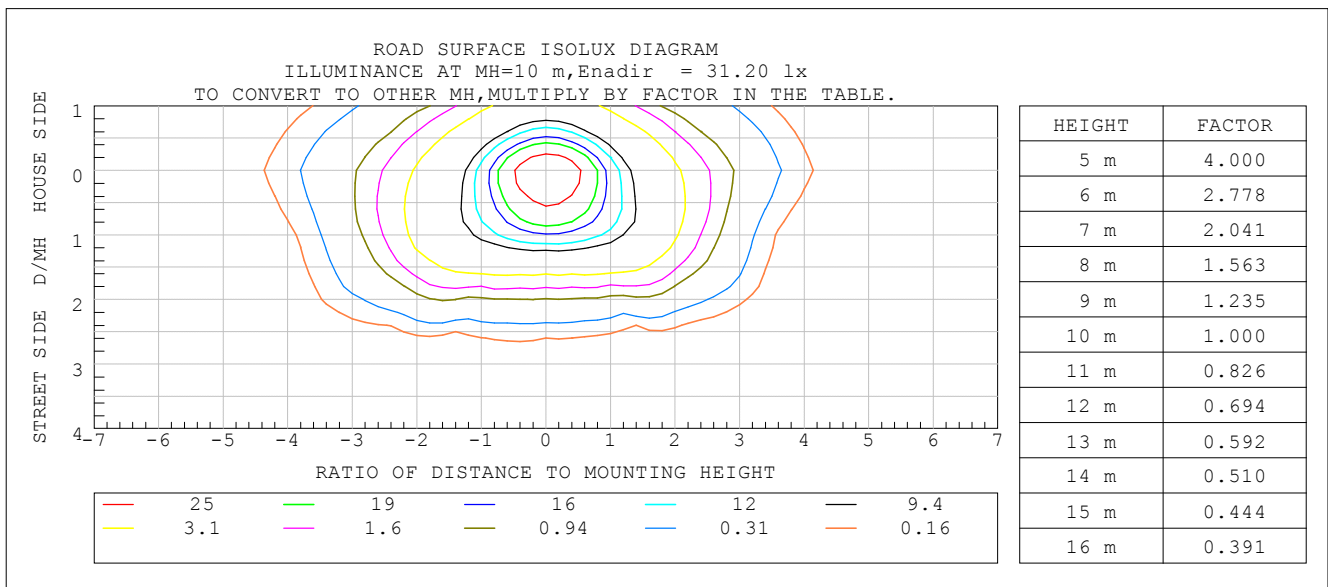
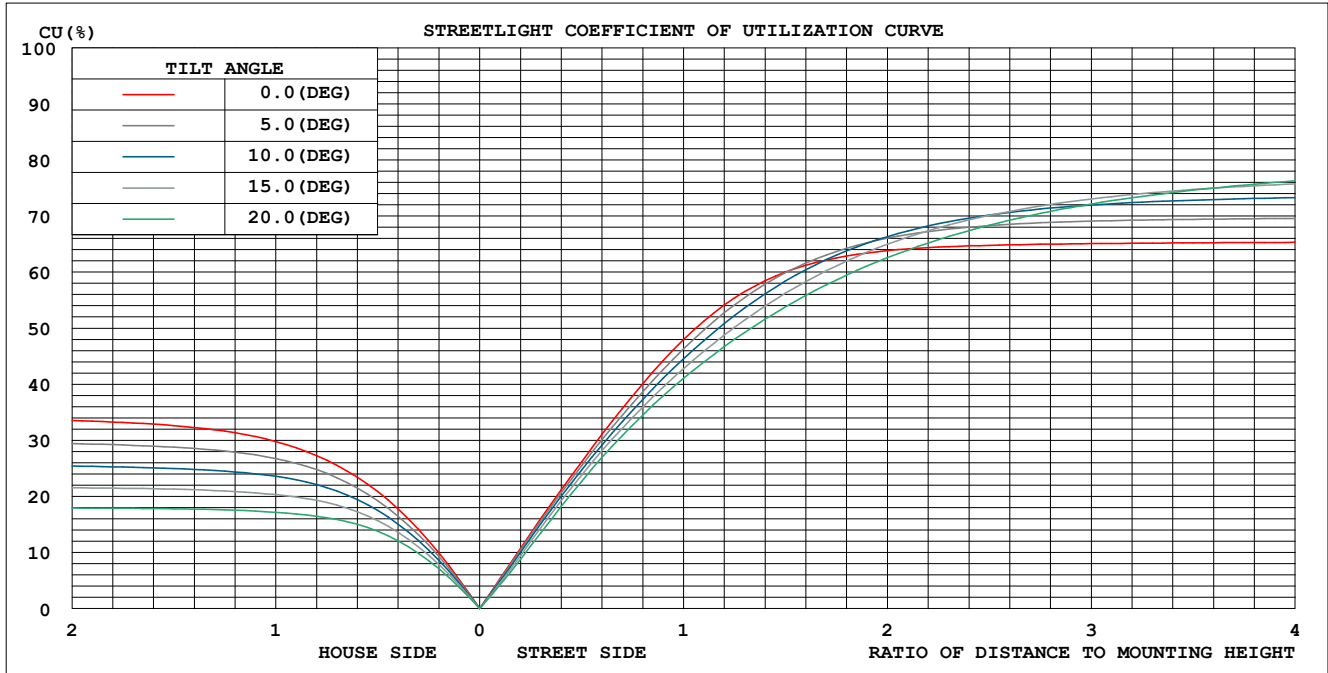
Classification:

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%	6383
90%	5745
80%	5106
70%	4468
60%	3830
50%	3192
40%	2553
30%	1915
20%	1277
10%	638
5%	319

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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:

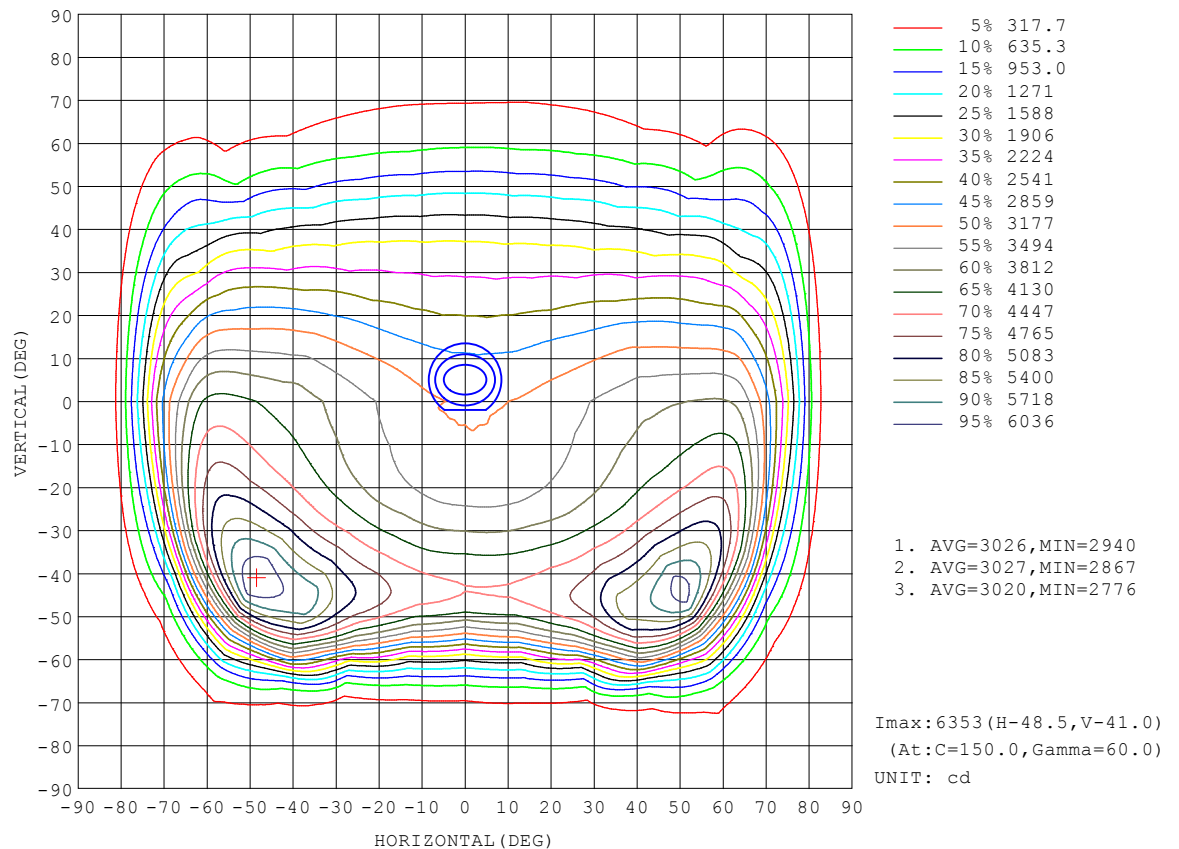
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	3152	3189	3201	3250	3223	3020	2898	2980	0- 10	297.6	297.6	2.31,2.31
20	3308	3311	3338	3452	3451	2864	2536	2786	10- 20	884.3	1182	9.18,9.18
30	3485	3598	3804	3796	3704	2590	2182	2514	20- 30	1464	2646	20.6,20.6
40	3697	4136	4369	4474	3989	2200	1771	2140	30- 40	2056	4702	36.5,36.5
50	3771	4970	3962	5444	4121	1652	1167	1637	40- 50	2586	7288	56.6,56.6
60	3805	5390	1623	5580	4155	846.4	590.5	893.8	50- 60	2769	10056	78.1,78.1
70	2960	2322	297.7	1728	2914	288.2	286.8	330.4	60- 70	2086	12143	94.3,94.3
80	740.4	164.9	93.84	131.7	485.5	64.32	42.89	92.39	70- 80	663.6	12806	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	69.83	12876	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12876	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12876	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12876	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12876	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12876	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12876	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12876	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12876	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12876	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

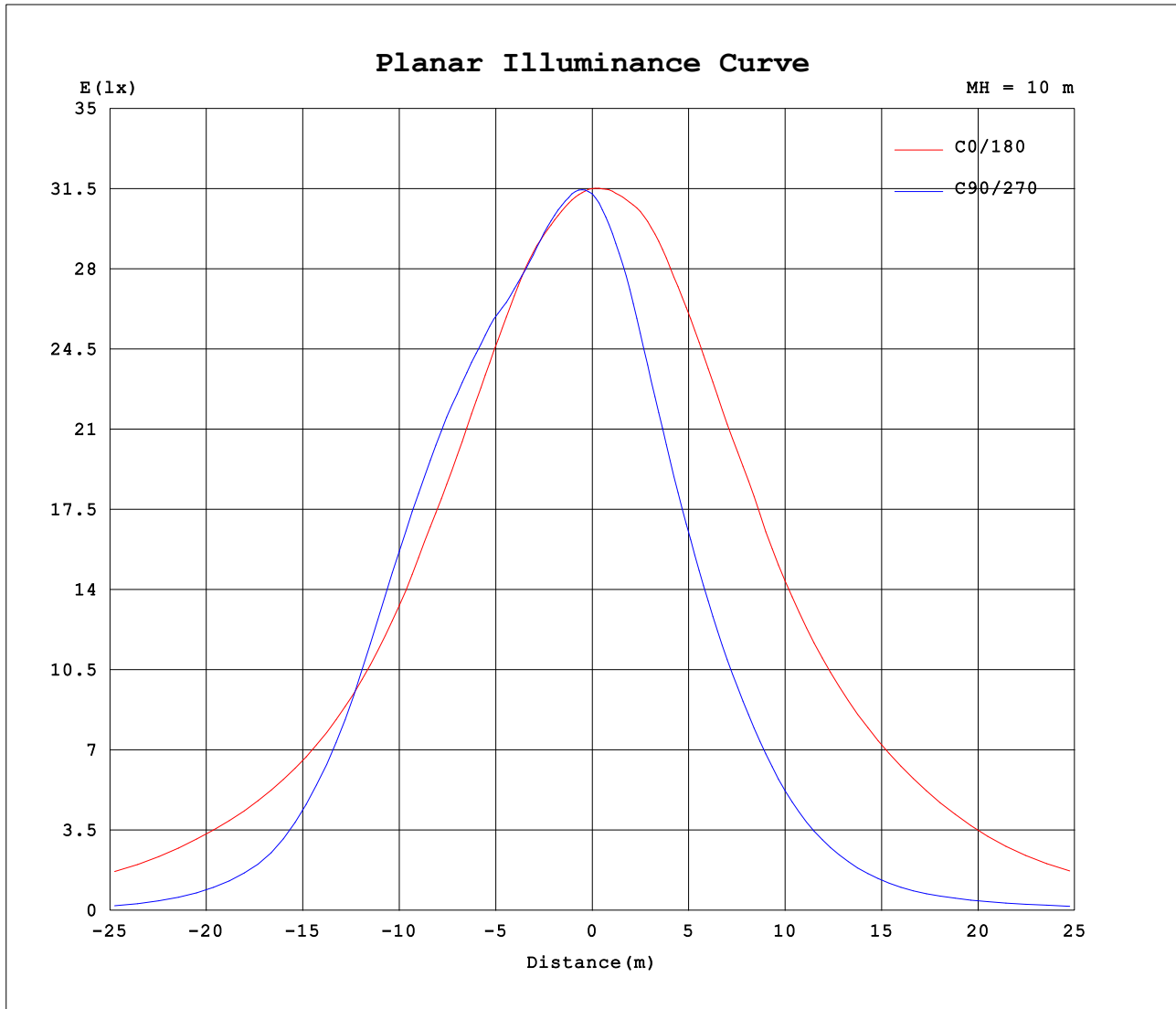
Test:U:219.32V I:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-NV-L2-00-4070-T201-P	DIM.: 550*215*100mm	SERIAL No.:
MFR.: AOK	SUR.: 150*100mm	Shielding Angle:



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



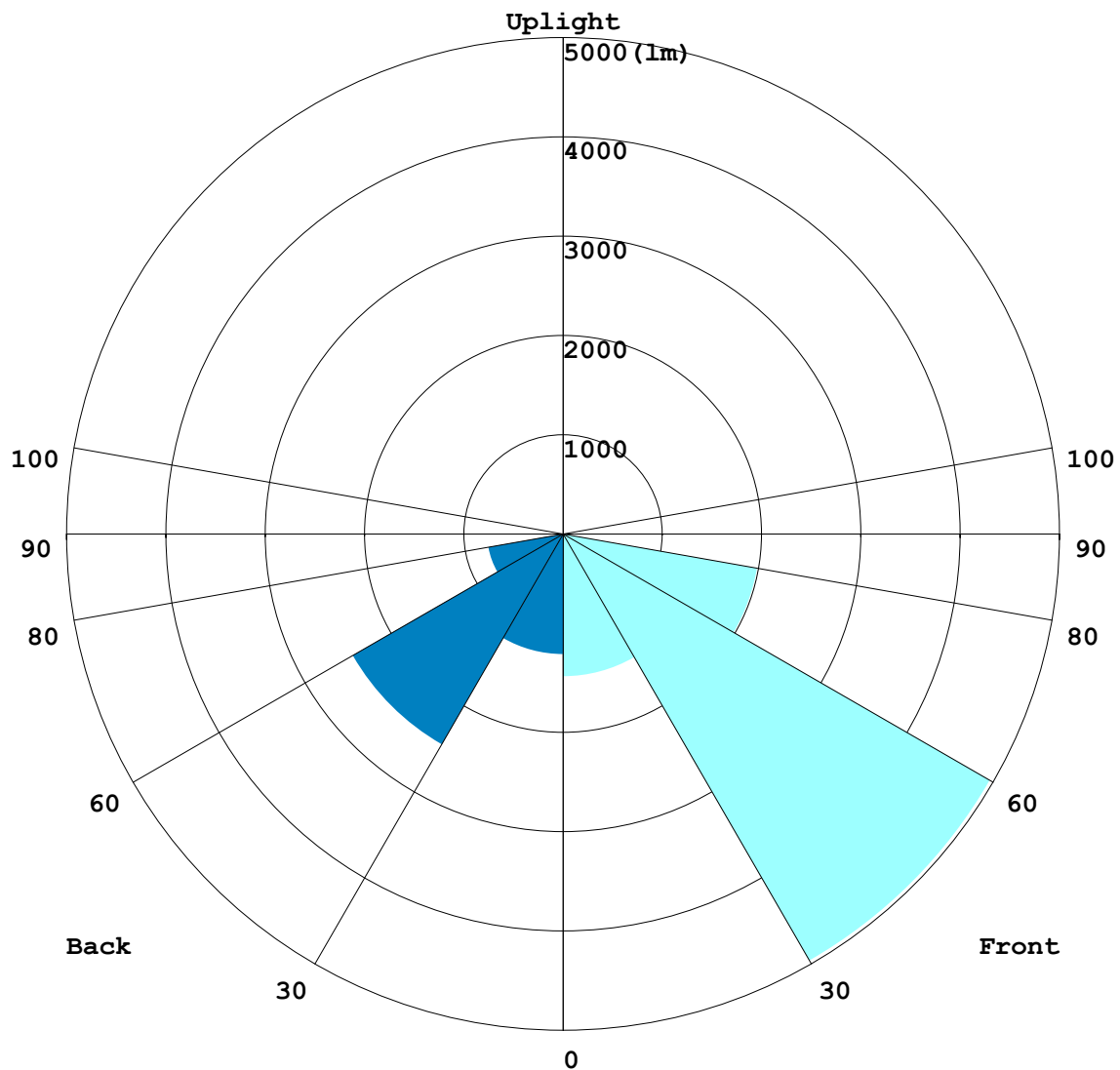
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-9-13

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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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)	1435.5	11.1
FM - Front-Medium(30-60)	4962.1	38.5
FH - Front-High(60-80)	1985.5	15.4
FVH - Front-Very High(80-90)	41.777	0.3
Total Forward Light	8424.9	65.4

BL - Back-Low(0-30)	1210.9	9.4
BM - Back-Medium(30-60)	2448	19.0
BH - Back-High(60-80)	764.29	5.9
BVH - Back-Very High(80-90)	28.054	0.2
Total Back Light	4451.2	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	4451.2	0	4451.2
Street Side	8424.9	0	8424.9

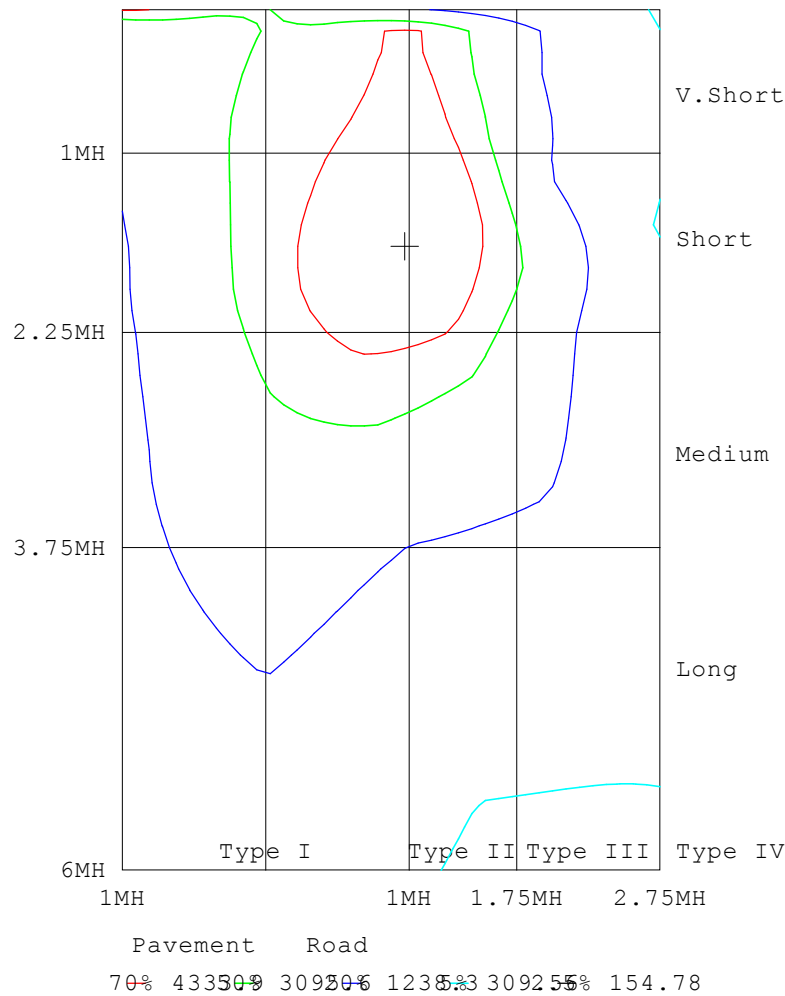
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:yanyonggeng
Test Date:2024-9-13

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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127	3127
5	3125	3140	3155	3162	3166	3169	3174	3180	3183	3186	3184	3176	3157	3135	3108	3078	3054	3034	3027
10	3152	3179	3189	3189	3190	3193	3201	3215	3234	3250	3259	3254	3223	3168	3096	3020	2961	2913	2898
15	3222	3252	3246	3231	3238	3238	3246	3270	3292	3332	3373	3381	3338	3238	3101	2957	2832	2745	2719
20	3308	3354	3346	3311	3301	3312	3338	3361	3385	3452	3500	3510	3451	3294	3094	2864	2681	2567	2536
25	3388	3445	3444	3427	3433	3484	3533	3545	3574	3596	3625	3642	3569	3345	3049	2735	2523	2393	2356
30	3485	3560	3554	3598	3677	3748	3804	3815	3838	3796	3787	3804	3704	3390	2982	2590	2355	2220	2182
35	3585	3695	3725	3820	3956	4037	4101	4109	4143	4107	4035	3989	3832	3425	2873	2411	2164	2027	1991
40	3697	3850	3955	4136	4267	4326	4369	4415	4482	4474	4308	4183	3989	3396	2707	2200	1951	1813	1771
45	3736	4007	4262	4518	4567	4476	4433	4582	4833	4914	4698	4385	4037	3300	2480	1953	1693	1520	1478
50	3771	4199	4700	4970	4716	4215	3962	4281	4967	5444	5246	4641	4121	3142	2195	1652	1341	1192	1167
55	3802	4483	5323	5416	4360	3347	2907	3371	4486	5880	5923	4977	4198	2921	1847	1246	989	868	856
60	3805	4834	6036	5390	3350	1978	1623	1924	3341	5580	6383	5192	4155	2590	1432	846	664	582	590
65	3586	4845	5972	4344	1615	956	765	888	1483	4112	5498	4738	3681	2016	903	505	427	421	439
70	2960	3695	3690	2322	514	374	298	314	413	1728	2952	3052	2914	1479	456	288	303	304	287
75	1939	1422	1485	474	199	190	155	181	185	389	965	845	1561	844	221	175	201	154	151
80	740	319	360	165	106	101	93.8	97.5	96.1	132	301	139	486	328	92.7	64.3	84.3	74.7	42.9
85	113	51.0	165	47.9	39.6	48.3	42.2	46.3	34.2	34.3	74.1	34.2	37.4	36.1	18.0	17.5	20.1	23.4	6.87
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:0.3780A P:80.350W PF:0.9691 Freq:50.01Hz Lamp Flux:12876.1x1 lm		
NAME: AoK iLF	TYPE: series LED Street Light	WEIGHT: 3.4kg
SPEC.: AoK-80WiLF-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	3127	3127	3127	3127	3127														
5	3026	3039	3054	3078	3103														
10	2902	2933	2980	3039	3101														
15	2732	2798	2894	3009	3129														
20	2553	2639	2786	2987	3171														
25	2377	2476	2659	2933	3193														
30	2202	2309	2514	2846	3216														
35	2012	2125	2341	2734	3227														
40	1801	1920	2140	2576	3208														
45	1511	1675	1911	2361	3101														
50	1198	1346	1637	2104	2948														
55	884	1014	1270	1800	2730														
60	605	701	894	1433	2452														
65	437	460	564	966	2064														
70	323	326	330	500	1465														
75	173	237	198	253	966														
80	109	137	92.4	117	417														
85	40.1	37.0	31.4	33.4	83.0														
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: