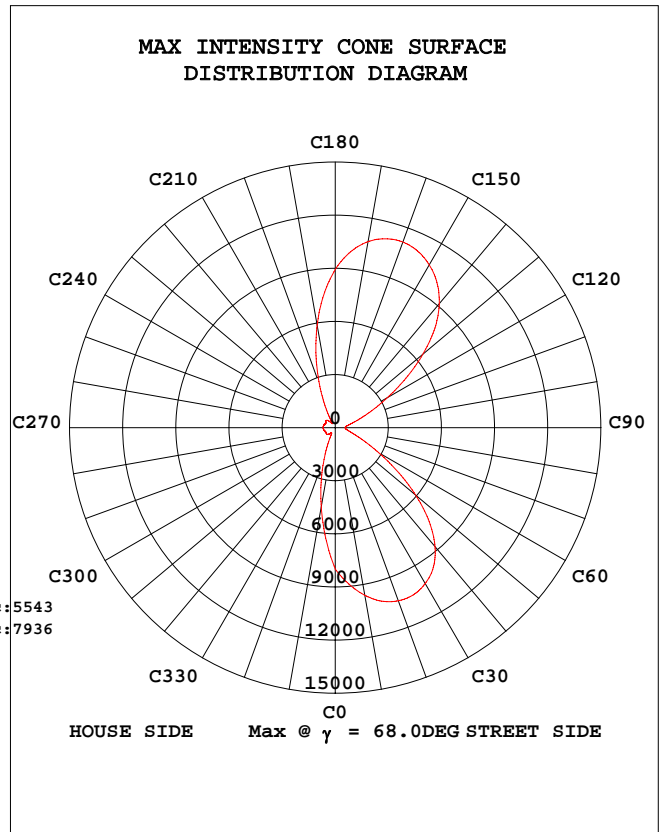
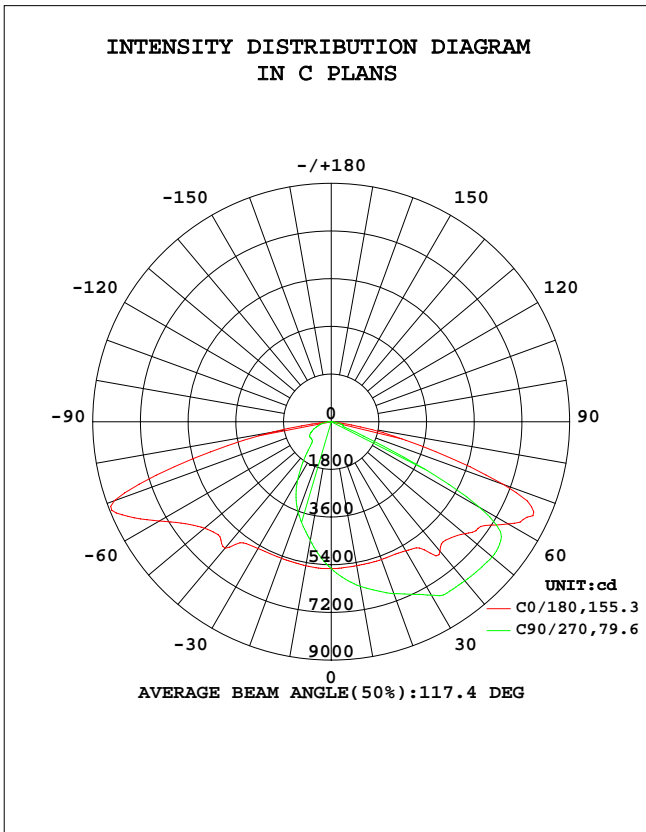


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 163.58 lm/W			
MODEL	5050	I _{max} (cd)	11045	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	71.9
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	23278	η house_up(%)	0.0
NOMINAL FLUX(lm)	23278.3	MAXIMUM @(C,γ)	165,68.0	η house_down(%)	28.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.769

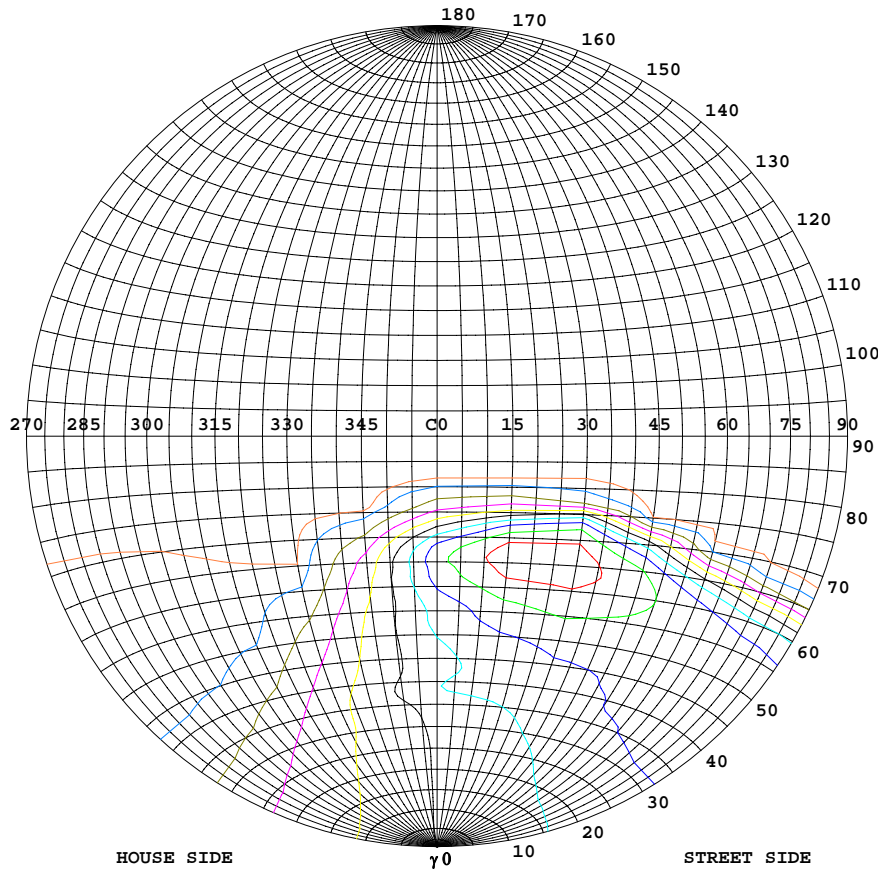


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

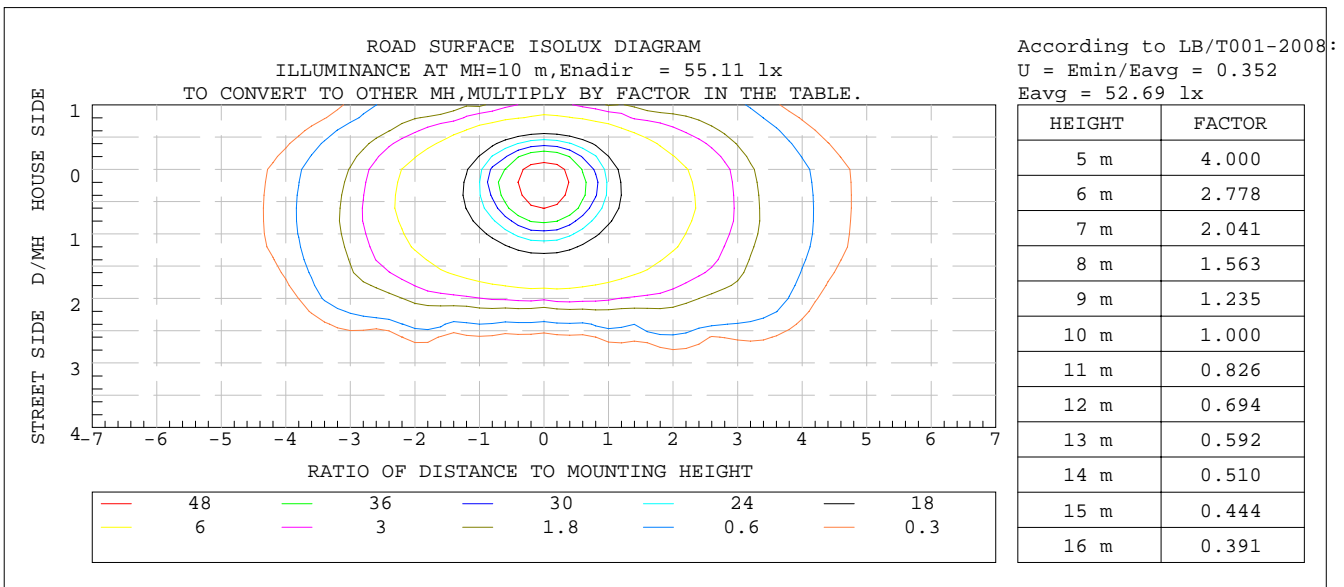
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:106.2cd/klm
 Max.At90:0cd/klm
 Max.80-90:106.2cd/klm
 NRB 5101:Limited[7.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11045
90%	9940
80%	8836
70%	7731
60%	6627
50%	5522
40%	4418
30%	3313
20%	2209
10%	1104
5%	552

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [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:
Test Date: 2019-09-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.801m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

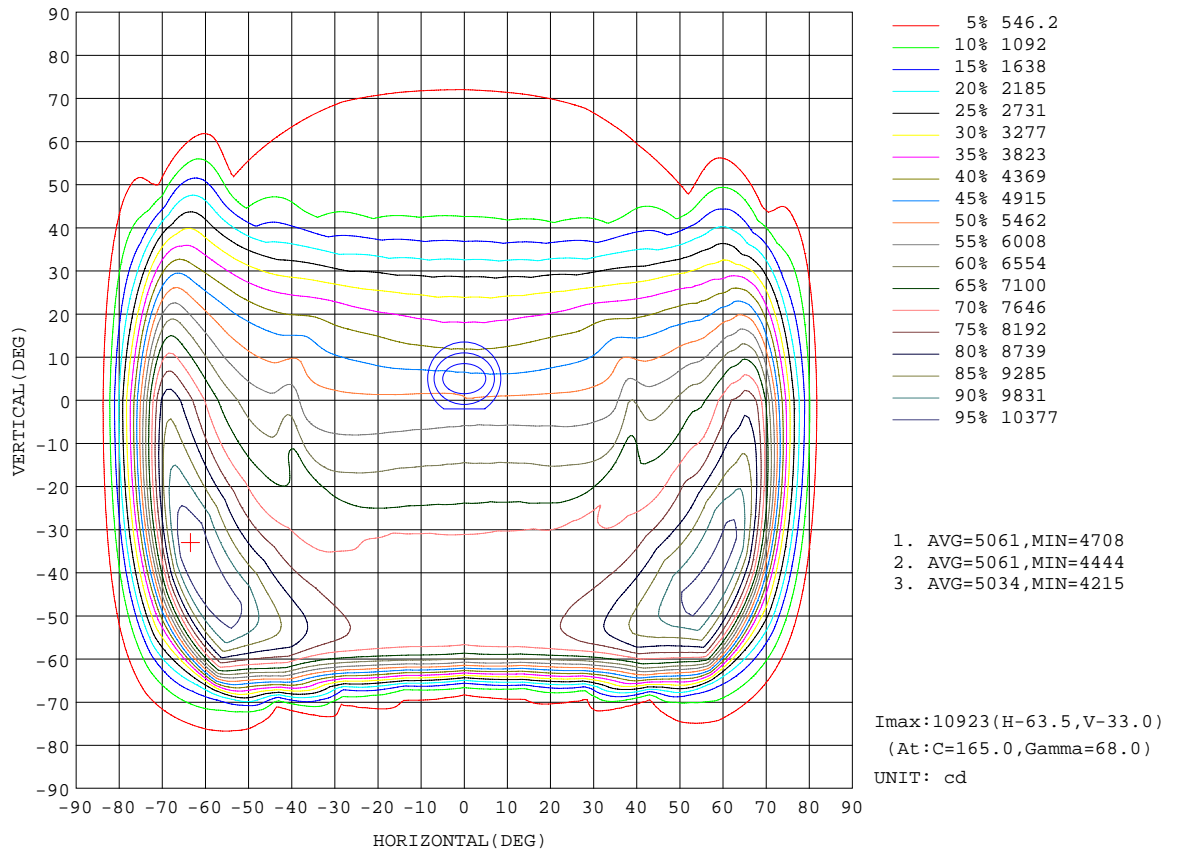
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	551.8	607.3	631.0	610.2	552.1	486.3	455.2	485.2	0- 10	525.8	525.8	2.26,2.26
20	553.8	651.6	690.6	653.4	548.8	424.5	364.9	430.0	10- 20	1538	2064	8.86,8.86
30	562.8	695.5	755.7	696.0	552.9	363.9	253.8	364.3	20- 30	2478	4541	19.5,19.5
40	638.5	767.4	784.5	764.7	622.9	260.6	128.4	250.5	30- 40	3338	7880	33.8,33.8
50	657.8	807.8	793.6	797.9	625.0	133.6	98.88	119.5	40- 50	3979	11859	50.9,50.9
60	770.8	919.0	647.7	891.5	749.4	72.04	91.82	70.43	50- 60	4655	16514	70.9,70.9
70	691.4	614.9	47.01	679.4	870.4	53.76	61.83	48.60	60- 70	4504	21018	90.3,90.3
80	111.3	27.90	26.19	31.35	219.0	30.91	32.15	23.26	70- 80	2045	23064	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	214.4	23278	100,100
100	0	0	0	0	0	0	0	0	90-100	0	23278	100,100
110	0	0	0	0	0	0	0	0	100-110	0	23278	100,100
120	0	0	0	0	0	0	0	0	110-120	0	23278	100,100
130	0	0	0	0	0	0	0	0	120-130	0	23278	100,100
140	0	0	0	0	0	0	0	0	130-140	0	23278	100,100
150	0	0	0	0	0	0	0	0	140-150	0	23278	100,100
160	0	0	0	0	0	0	0	0	150-160	0	23278	100,100
170	0	0	0	0	0	0	0	0	160-170	0	23278	100,100
180	0	0	0	0	0	0	0	0	170-180	0	23278	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

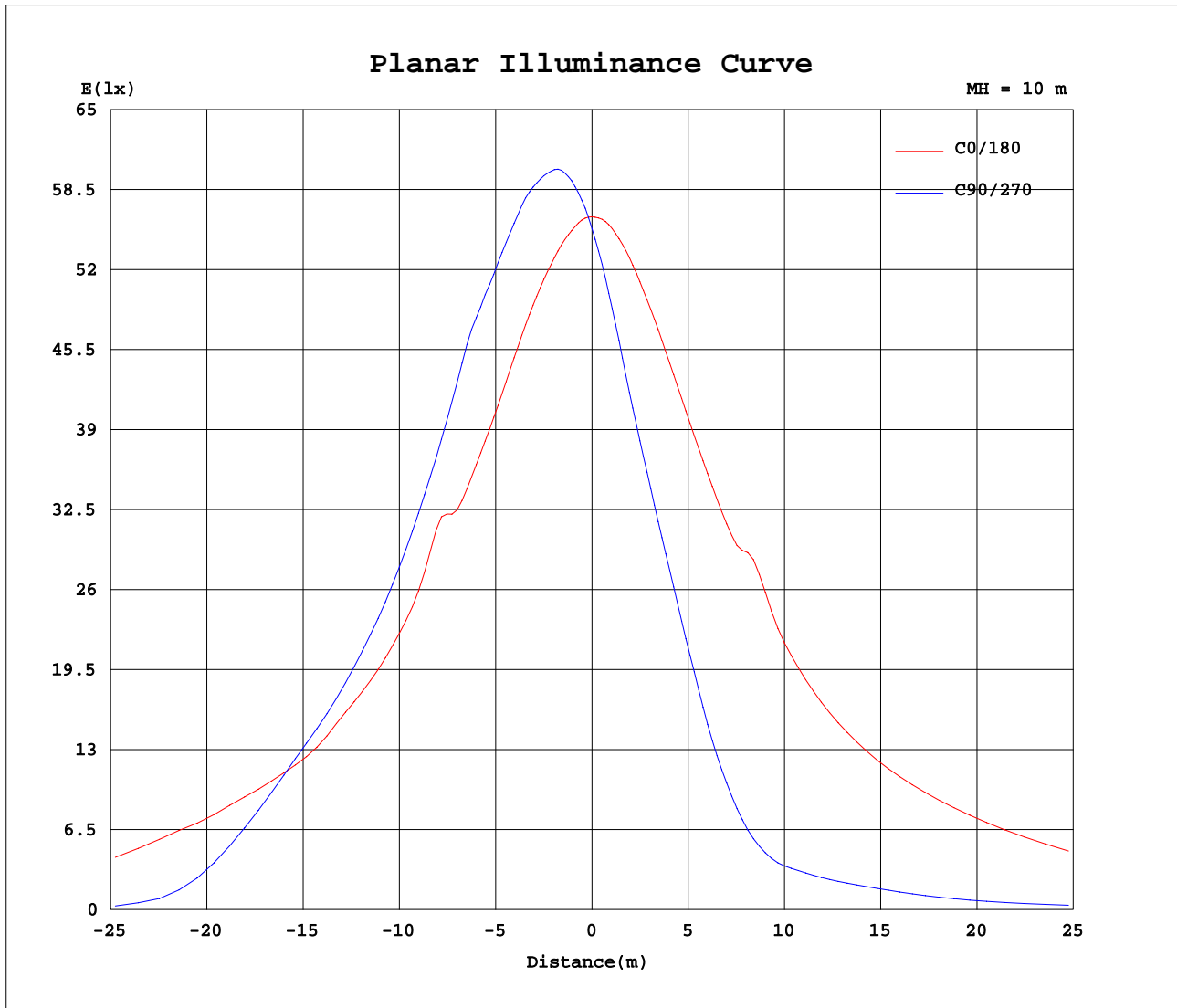
Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

Planar Illuminance Curve



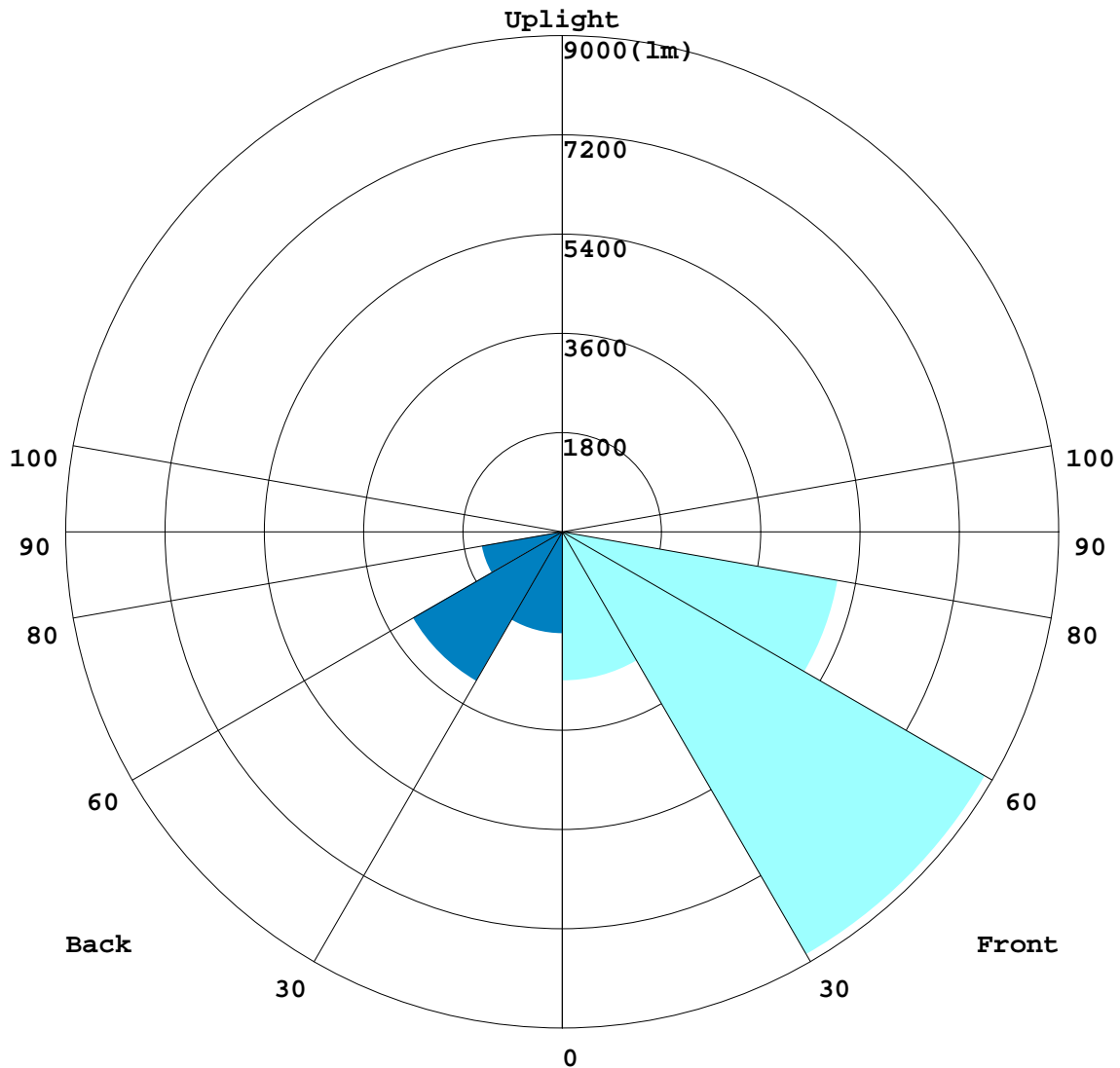
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.801m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2697.7	11.6
FM - Front-Medium(30-60)	8850.9	38.0
FH - Front-High(60-80)	5072.5	21.8
FVH - Front-Very High(80-90)	124.05	0.5
Total Forward Light	16745	71.9

BL - Back-Low(0-30)	1843.6	7.9
BM - Back-Medium(30-60)	3121.9	13.4
BH - Back-High(60-80)	1477.2	6.3
BVH - Back-Very High(80-90)	90.388	0.4
Total Back Light	6533.1	28.1

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	6533.1	0	6533.1
Street Side	16745	0	16745

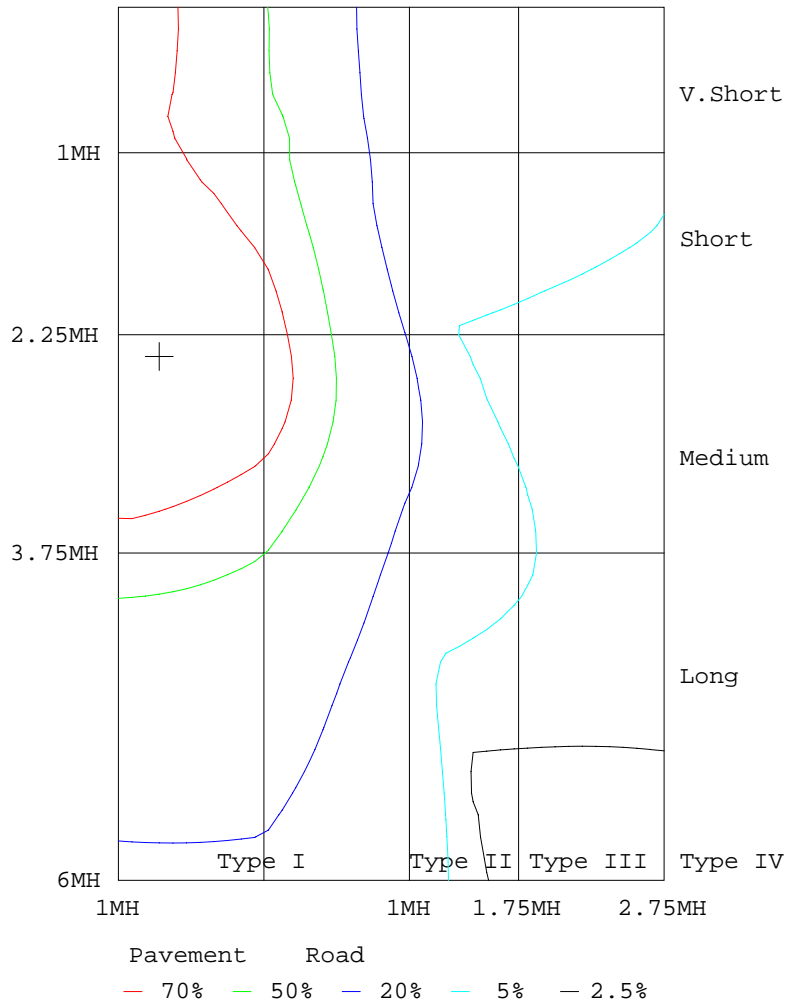
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	554	554	554	554	554	554	554	554	554	554	554	554	554	554	554	554	554	554	554
5	553	564	574	583	589	594	595	595	591	585	576	566	555	543	532	522	514	509	507
10	552	573	590	607	620	628	631	630	622	610	595	575	552	530	507	486	470	458	455
15	552	580	609	631	645	656	660	658	647	632	611	584	550	516	483	452	429	413	409
20	554	591	623	652	673	686	691	688	674	653	625	593	549	506	464	424	393	370	365
25	555	599	637	672	698	716	719	715	699	674	640	600	549	501	451	398	353	324	315
30	563	613	657	696	731	754	756	751	729	696	657	610	553	498	434	364	304	265	254
35	582	636	691	740	770	787	780	788	772	733	683	628	561	503	417	320	241	198	187
40	638	733	753	767	776	796	785	795	779	765	755	713	623	517	390	261	178	137	128
45	626	704	756	774	786	803	789	801	783	772	751	693	604	493	348	198	119	99.8	101
50	658	751	802	808	804	808	794	807	799	798	783	727	625	485	294	134	87.7	94.6	98.9
55	689	829	885	862	820	801	781	800	814	843	851	804	671	479	231	83.2	82.1	91.1	99.5
60	771	935	978	919	806	700	648	714	804	891	951	920	749	472	154	72.0	75.2	84.2	91.8
65	840	1034	1041	889	567	317	214	346	606	892	1047	1056	846	448	80.9	63.1	66.6	72.6	77.8
70	691	940	964	615	111	54.4	47.0	56.2	157	679	1035	1077	870	384	50.3	53.8	57.8	60.4	61.8
75	349	485	571	57.2	50.1	45.2	43.8	46.5	51.2	133	778	734	543	191	40.2	43.5	47.3	45.9	46.0
80	111	124	96.6	27.9	32.9	26.9	26.2	28.9	37.2	31.3	127	247	219	23.3	27.9	30.9	33.0	31.9	32.2
85	7.66	6.86	17.2	16.1	12.5	9.63	9.02	11.5	15.9	21.4	30.7	33.6	29.3	10.1	14.0	16.3	18.5	16.0	14.7
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:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.1V I:0.6752A P:142.3W PF:0.9620 Freq:49.99Hz Lamp Flux:23278.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T302-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	554	554	554	554	554														
5	509	514	521	531	542														
10	458	469	485	506	529														
15	415	431	455	484	518														
20	371	395	430	470	511														
25	323	353	399	457	507														
30	263	301	364	438	506														
35	196	235	317	424	525														
40	133	170	250	387	524														
45	98.3	112	184	339	503														
50	94.4	86.9	120	279	495														
55	91.0	81.4	77.8	209	471														
60	83.3	74.1	70.4	125	433														
65	71.8	65.3	59.4	57.3	381														
70	59.4	55.8	48.6	42.3	242														
75	44.1	43.9	36.7	30.1	67.5														
80	29.7	27.8	23.3	17.9	16.4														
85	13.5	14.7	10.5	8.42	6.59														
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:
 Test Date:2019-09-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.801m [K=1.0000]
 Remarks: