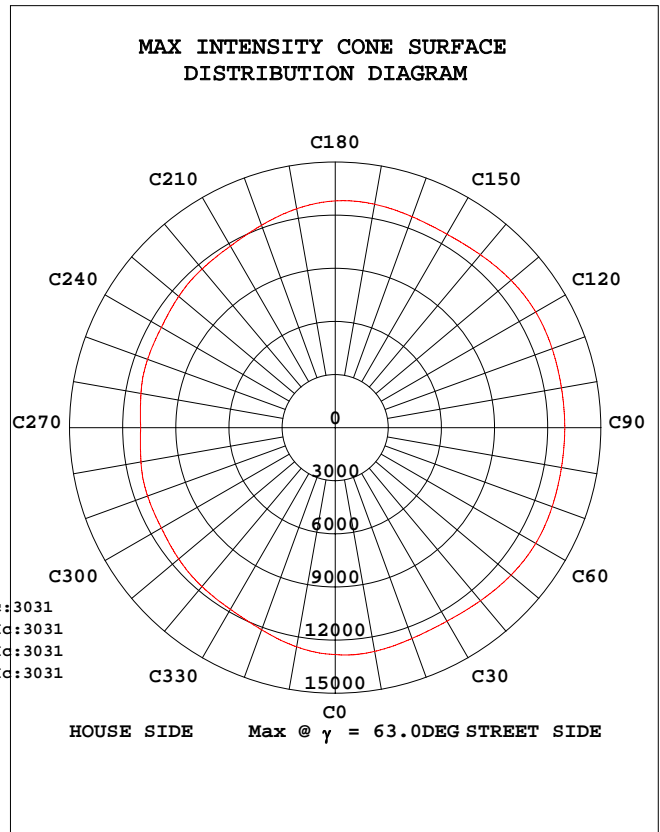
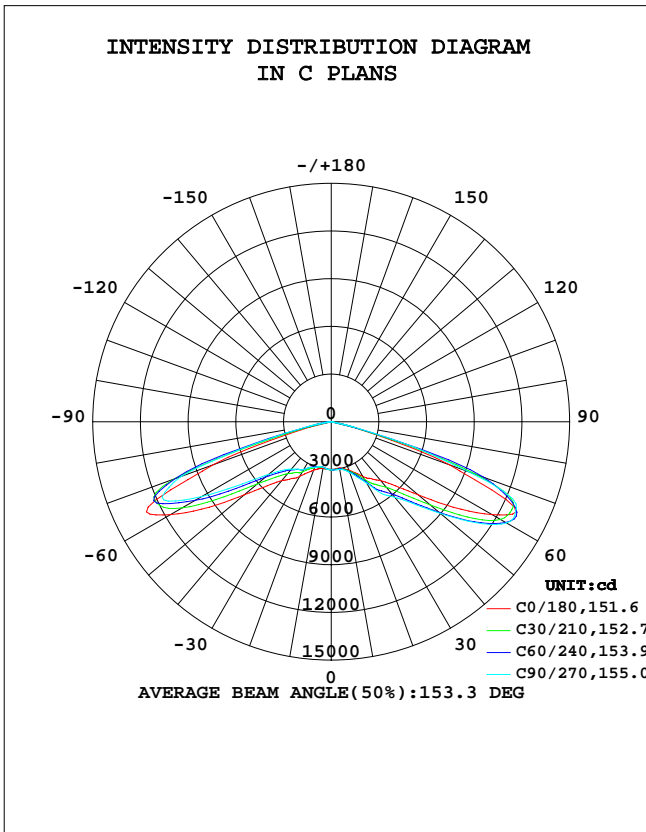


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 173.76 lm/W			
MODEL	5050	I _{max} (cd)	13072	η street_up(%)	0.0
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	53.4
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	34367	η house_up(%)	0.0
NOMINAL FLUX(lm)	34367.1	MAXIMUM @(C,γ)	60,63.0	η house_down(%)	46.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.992

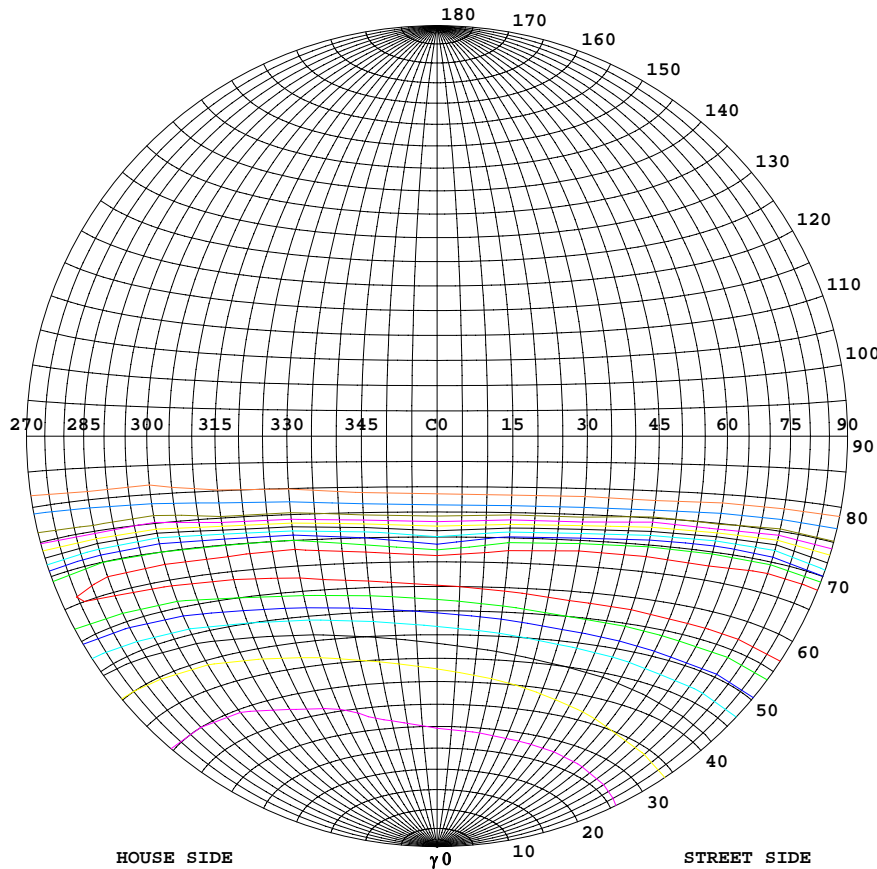


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

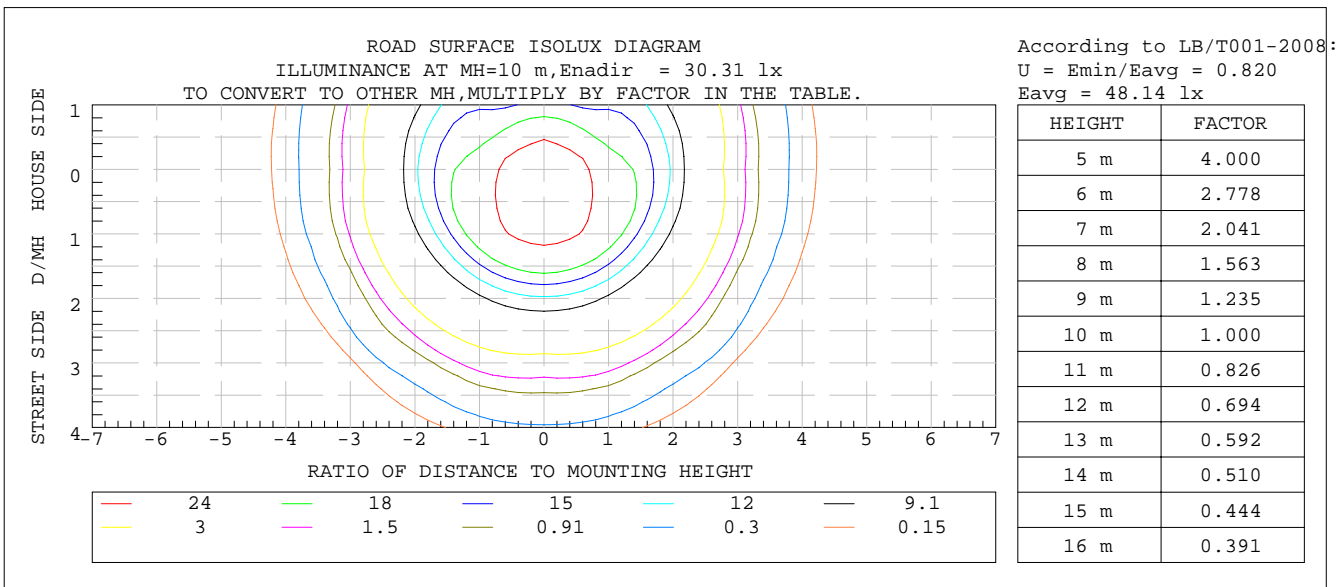
IES:Type V - Very Short
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Full cut-off
 Max.At80:29.94cd/klm
 Max.At90:0cd/klm
 Max.80-90:29.94cd/klm
 NRB 5101:Limited[4.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	13072
90%	11764
80%	10457
70%	9150
60%	7843
50%	6536
40%	5229
30%	3921
20%	2614
10%	1307
5%	654

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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: 2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

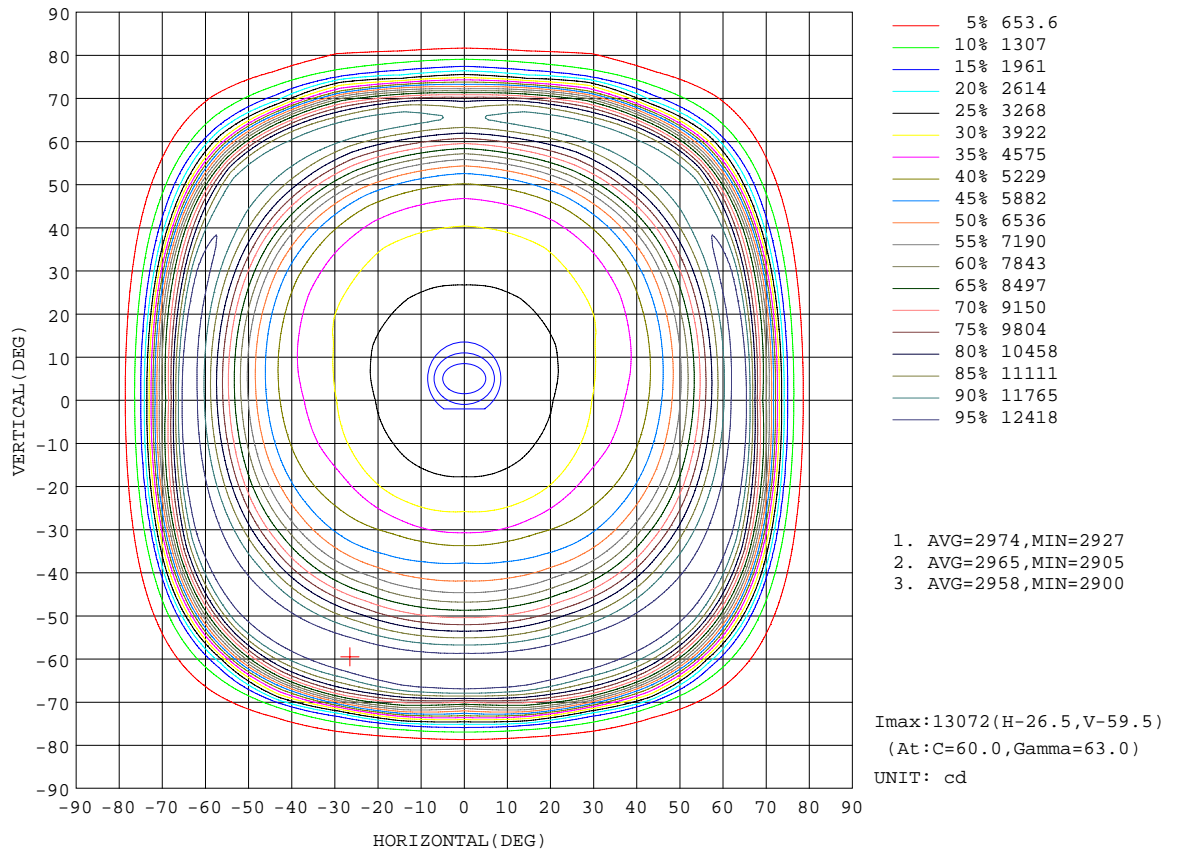
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	296.4	300.2	304.0	300.2	296.4	291.3	291.8	291.3	0- 10	285.2	285.2	0.83,0.83
20	324.5	332.3	339.7	332.3	324.5	304.9	304.9	304.9	10- 20	868.7	1154	3.36,3.36
30	397.0	424.8	445.5	424.8	397.0	355.3	346.6	355.3	20- 30	1632	2786	8.11,8.11
40	483.6	565.0	620.6	565.0	483.6	409.4	389.6	409.4	30- 40	2793	5578	16.2,16.2
50	717.0	851.0	898.1	851.0	717.0	576.0	518.0	576.0	40- 50	4545	10123	29.5,29.5
60	1168	1245	1274	1245	1168	1045	941.0	1045	50- 60	8328	18451	53.7,53.7
70	790.2	1018	921.8	1018	790.2	1038	1003	1038	60- 70	11713	30164	87.8,87.8
80	36.05	35.60	32.92	35.60	36.05	67.67	102.9	67.67	70- 80	4032	34195	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	171.7	34367	100,100
100	0	0	0	0	0	0	0	0	90-100	0	34367	100,100
110	0	0	0	0	0	0	0	0	100-110	0	34367	100,100
120	0	0	0	0	0	0	0	0	110-120	0	34367	100,100
130	0	0	0	0	0	0	0	0	120-130	0	34367	100,100
140	0	0	0	0	0	0	0	0	130-140	0	34367	100,100
150	0	0	0	0	0	0	0	0	140-150	0	34367	100,100
160	0	0	0	0	0	0	0	0	150-160	0	34367	100,100
170	0	0	0	0	0	0	0	0	160-170	0	34367	100,100
180	0	0	0	0	0	0	0	0	170-180	0	34367	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:2019-09-23

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

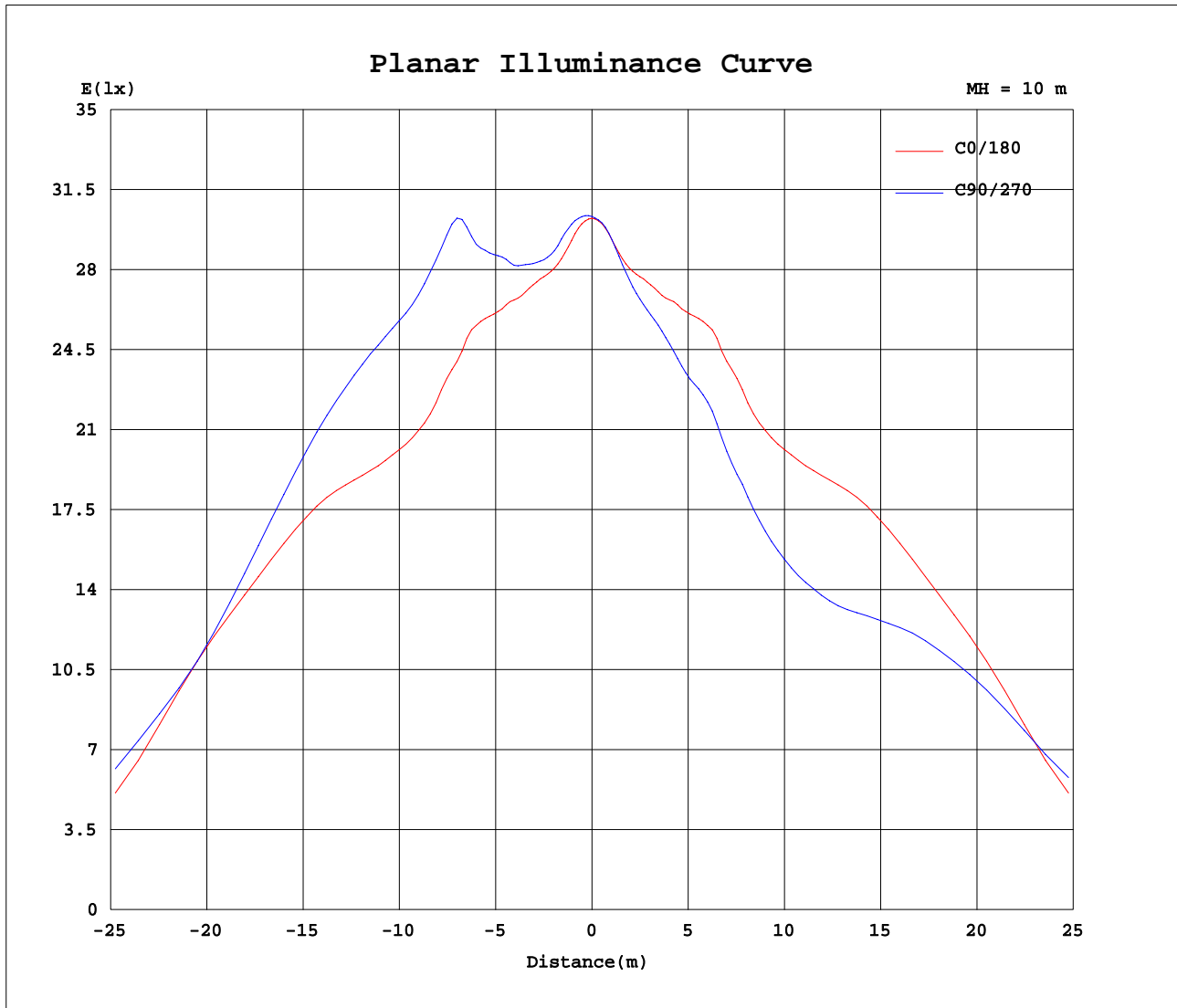
Test:U:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200WoT-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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



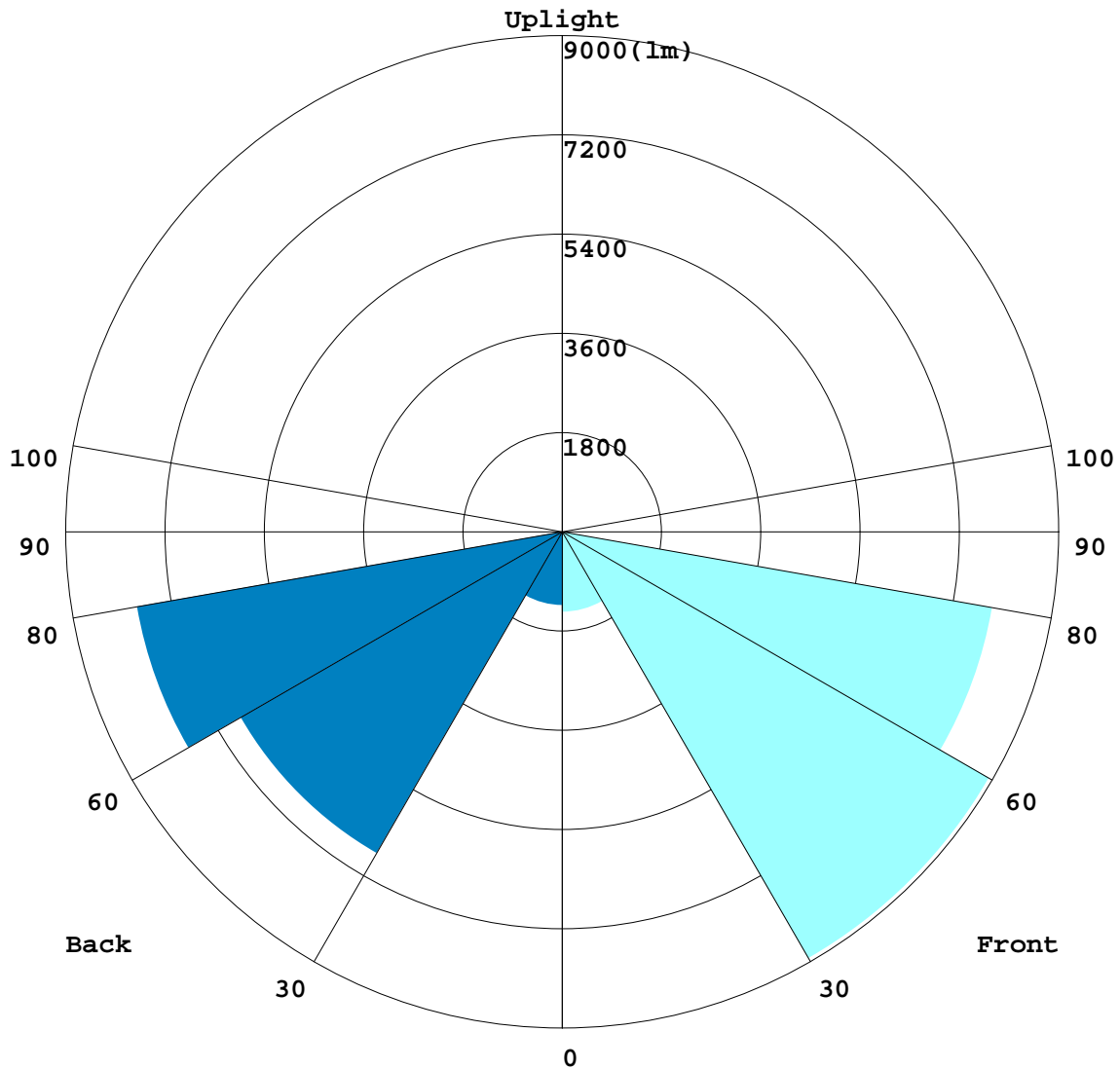
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1453.6	4.2
FM - Front-Medium(30-60)	8932.9	26.0
FH - Front-High(60-80)	7916.8	23.0
FVH - Front-Very High(80-90)	50.247	0.1
Total Forward Light	18354	53.4

BL - Back-Low(0-30)	1332	3.9
BM - Back-Medium(30-60)	6732.3	19.6
BH - Back-High(60-80)	7827.8	22.8
BVH - Back-Very High(80-90)	121.5	0.4
Total Back Light	16014	46.6

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	B5-U0-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16014	0	16014
Street Side	18354	0	18354

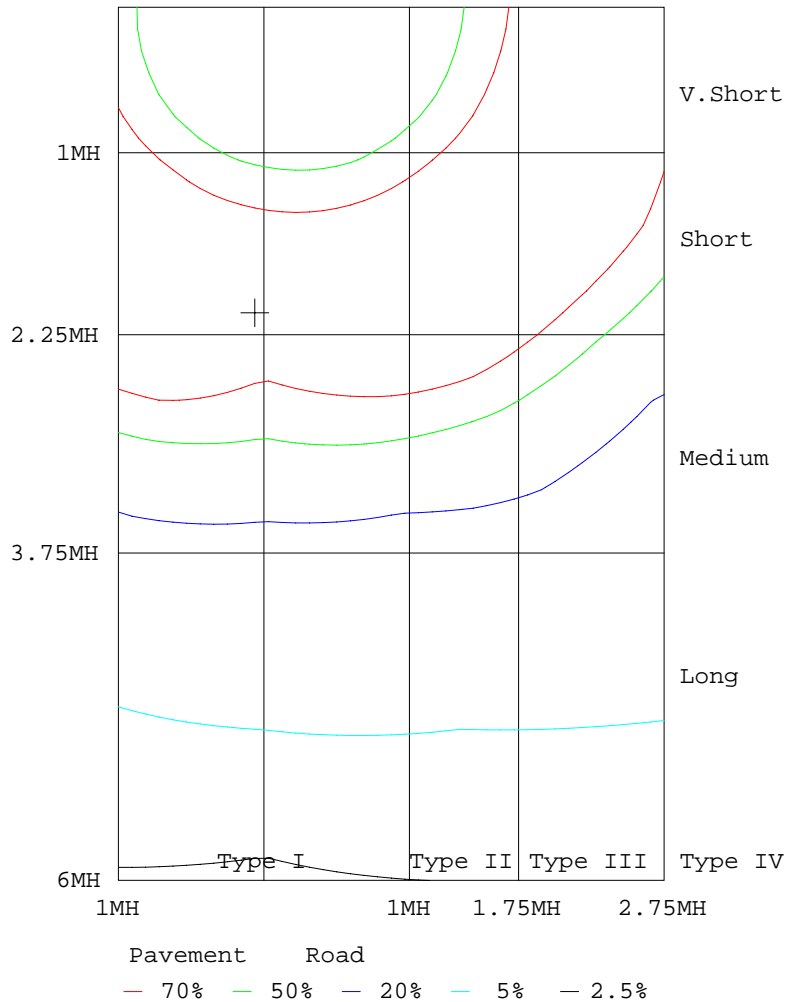
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200WOT-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200Wot-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	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	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303	303
5	300	301	302	302	303	304	305	304	303	302	302	301	300	299	299	299	298	298	299
10	296	298	299	300	302	303	304	303	302	300	299	298	296	294	292	291	291	291	292
15	307	308	310	310	312	313	315	313	312	310	310	308	307	301	297	294	292	293	294
20	325	328	330	332	335	337	340	337	335	332	330	328	325	315	308	305	302	304	305
25	354	358	362	366	372	378	383	378	372	366	362	358	354	339	329	323	317	318	319
30	397	405	416	425	436	440	445	440	436	425	416	405	397	378	364	355	347	346	347
35	437	457	480	503	526	542	550	542	526	503	480	457	437	410	390	376	366	364	365
40	484	510	538	565	593	612	621	612	593	565	538	510	484	454	426	409	396	392	390
45	570	607	646	677	712	724	729	724	712	677	646	607	570	531	494	468	449	441	433
50	717	761	815	851	887	893	898	893	887	851	815	761	717	661	611	576	543	531	518
55	938	988	1045	1070	1098	1101	1107	1101	1098	1070	1045	988	938	880	823	781	733	709	681
60	1168	1202	1229	1245	1268	1269	1274	1269	1268	1245	1229	1202	1168	1121	1085	1045	991	971	941
65	1271	1279	1263	1269	1279	1283	1285	1283	1279	1269	1263	1279	1271	1266	1210	1204	1210	1192	1164
70	790	942	973	1018	1020	1001	922	1001	1020	1018	973	942	790	913	1047	1038	1043	1043	1003
75	196	202	204	288	240	308	273	308	240	288	204	202	196	219	297	282	411	338	367
80	36.0	40.1	32.0	35.6	31.0	39.2	32.9	39.2	31.0	35.6	32.0	40.1	36.0	44.6	63.2	67.7	86.7	96.4	103
85	4.34	6.17	7.62	6.38	7.76	6.77	5.87	6.77	7.76	6.38	7.62	6.17	4.34	4.86	16.5	12.8	28.2	21.8	24.1
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:2019-09-23

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:219.2V I:0.9254A P:197.8W PF:0.9749 Freq:49.99Hz Lamp Flux:34367.1x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.5KG
SPEC.:AOK-200WOT-NV-L5-00-5070-T502-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG)\ γ (DEG)	285	300	315	330	345														
0	303	303	303	303	303														
5	298	298	299	299	299														
10	291	291	291	292	294														
15	293	292	294	297	301														
20	304	302	305	308	315														
25	318	317	323	329	339														
30	346	347	355	364	378														
35	364	366	376	390	410														
40	392	396	409	426	454														
45	441	449	468	494	531														
50	531	543	576	611	661														
55	709	733	781	823	880														
60	971	991	1045	1085	1121														
65	1192	1210	1204	1210	1266														
70	1043	1043	1038	1047	913														
75	338	411	282	297	219														
80	96.4	86.7	67.7	63.2	44.6														
85	21.8	28.2	12.8	16.5	4.86														
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:2019-09-23

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: