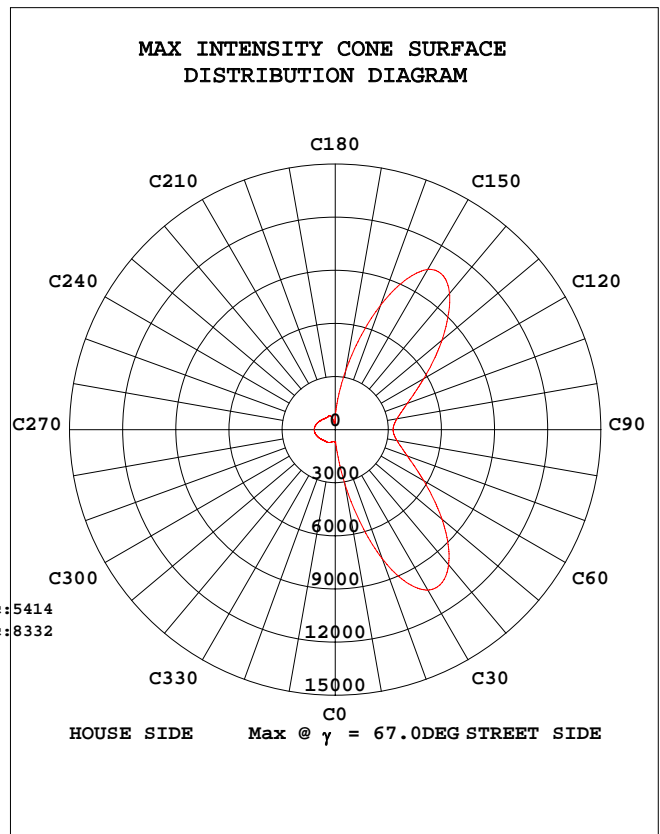
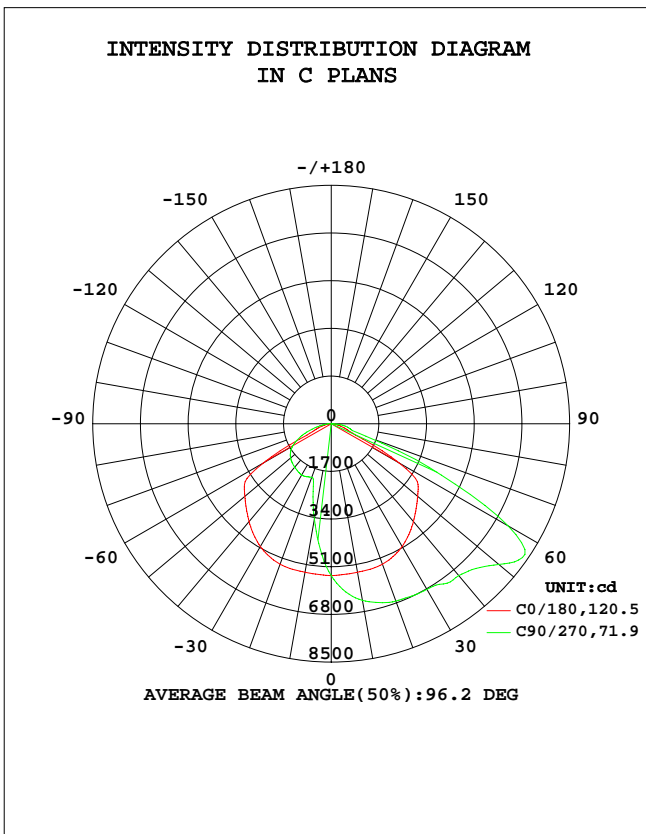


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.28 lm/W			
MODEL	3030	I _{max} (cd)	10462	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	77.5
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	19522	η house_up(%)	0.0
NOMINAL FLUX(lm)	19522.3	MAXIMUM @(C,γ)	30,67.0	η house_down(%)	22.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.275

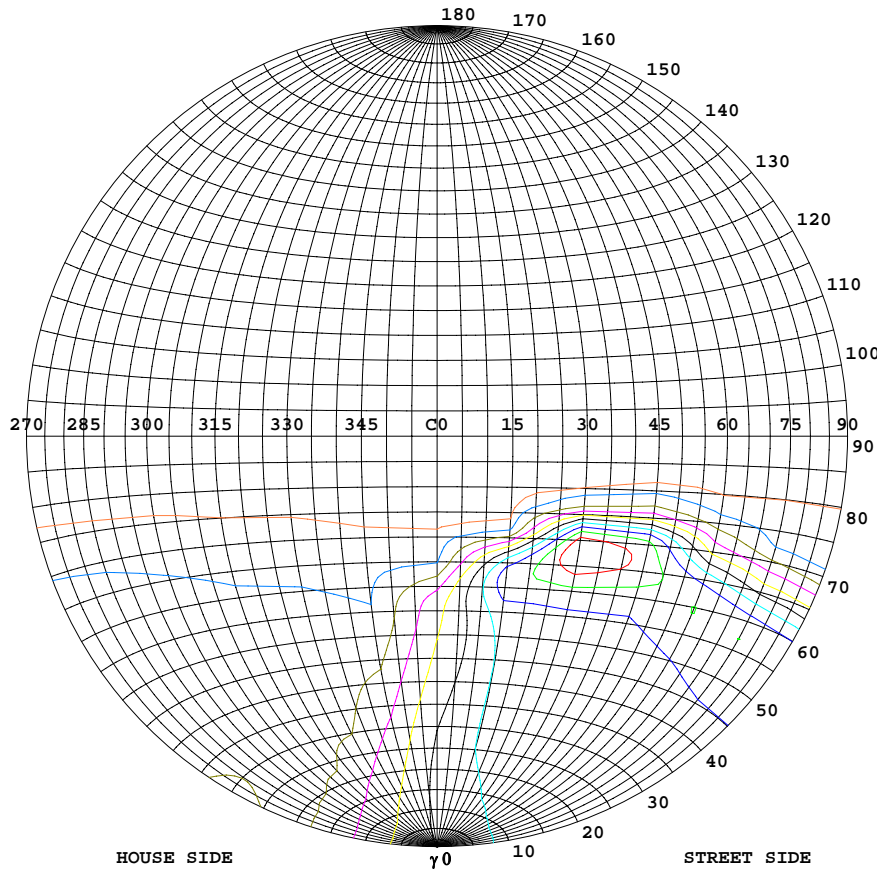


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

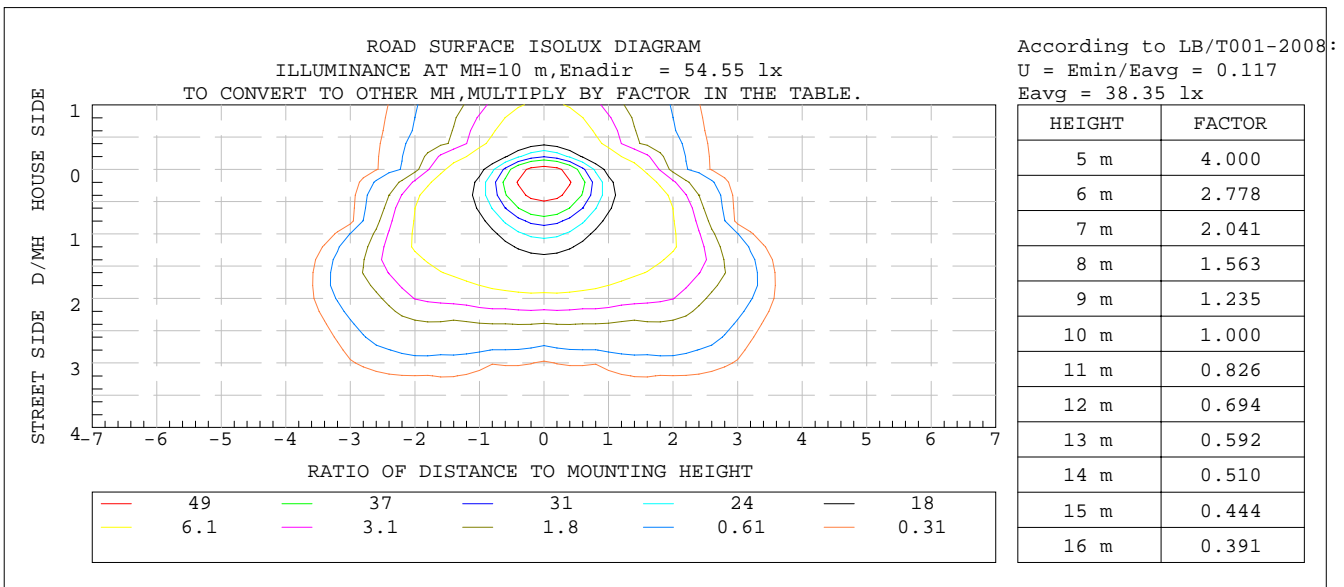
IES:Type III - Short
 CIE:Average - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:44.89cd/klm
 Max.At90:0cd/klm
 Max.80-90:44.89cd/klm
 NRB 5101:Limited[8.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10462
90%	9415
80%	8369
70%	7323
60%	6277
50%	5231
40%	4185
30%	3138
20%	2092
10%	1046
5%	523

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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: 2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

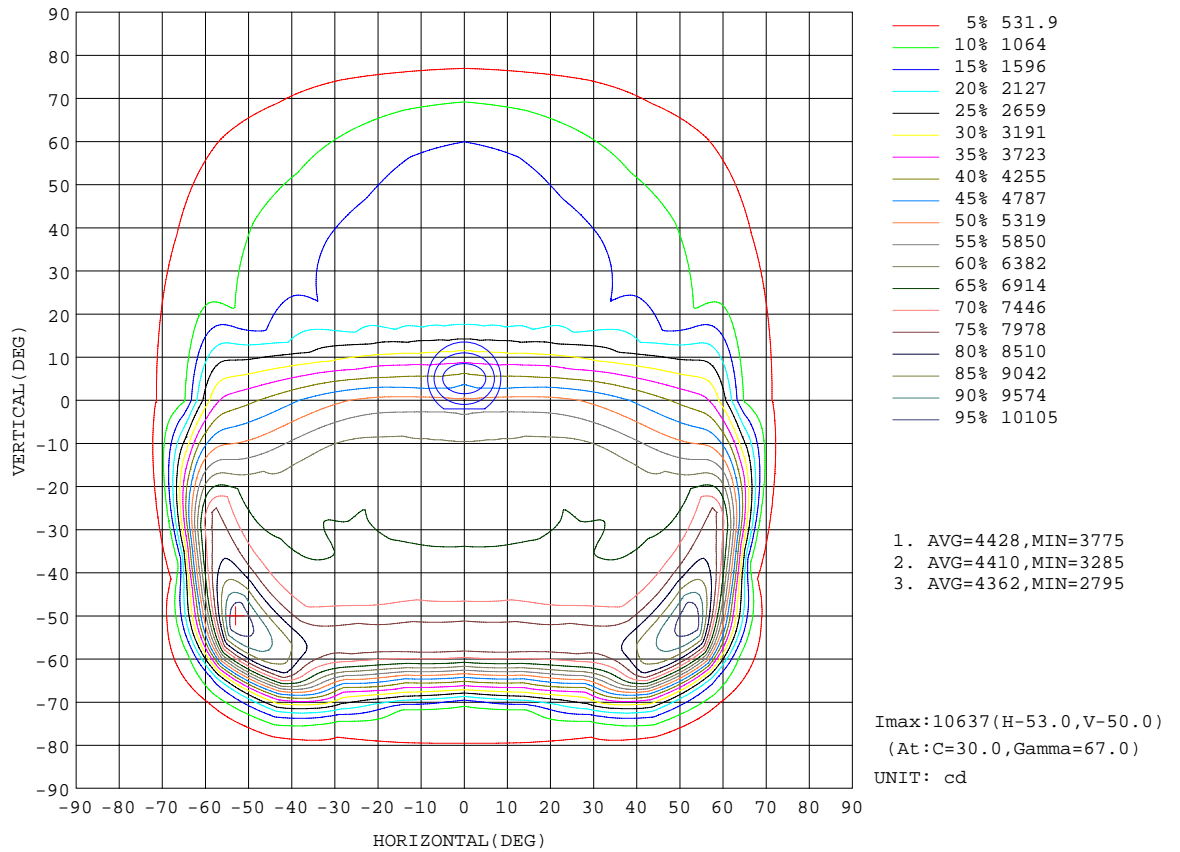
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	537.7	618.4	639.2	618.4	537.7	402.8	346.5	402.8	0- 10	502.0	502.0	2.57,2.57
20	533.2	656.7	673.2	656.7	533.2	252.7	203.7	252.7	10- 20	1388	1890	9.68,9.68
30	505.5	679.2	681.9	679.2	505.5	189.8	210.9	189.8	20- 30	2141	4031	20.6,20.6
40	455.9	690.1	707.3	690.1	455.9	182.0	202.5	182.0	30- 40	2815	6846	35.1,35.1
50	402.3	688.3	780.2	688.3	402.3	155.2	189.4	155.2	40- 50	3376	10222	52.4,52.4
60	279.9	779.9	727.6	779.9	279.9	115.9	158.9	115.9	50- 60	3964	14187	72.7,72.7
70	57.44	863.3	131.8	863.3	57.44	75.35	100.2	75.35	60- 70	3761	17947	91.9,91.9
80	20.92	87.63	51.03	87.63	20.92	31.72	36.44	31.72	70- 80	1403	19350	99.1,99.1
90	0	0	0	0	0	0	0	0	80- 90	172.0	19522	100,100
100	0	0	0	0	0	0	0	0	90-100	0	19522	100,100
110	0	0	0	0	0	0	0	0	100-110	0	19522	100,100
120	0	0	0	0	0	0	0	0	110-120	0	19522	100,100
130	0	0	0	0	0	0	0	0	120-130	0	19522	100,100
140	0	0	0	0	0	0	0	0	130-140	0	19522	100,100
150	0	0	0	0	0	0	0	0	140-150	0	19522	100,100
160	0	0	0	0	0	0	0	0	150-160	0	19522	100,100
170	0	0	0	0	0	0	0	0	160-170	0	19522	100,100
180	0	0	0	0	0	0	0	0	170-180	0	19522	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:2019-10-25

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

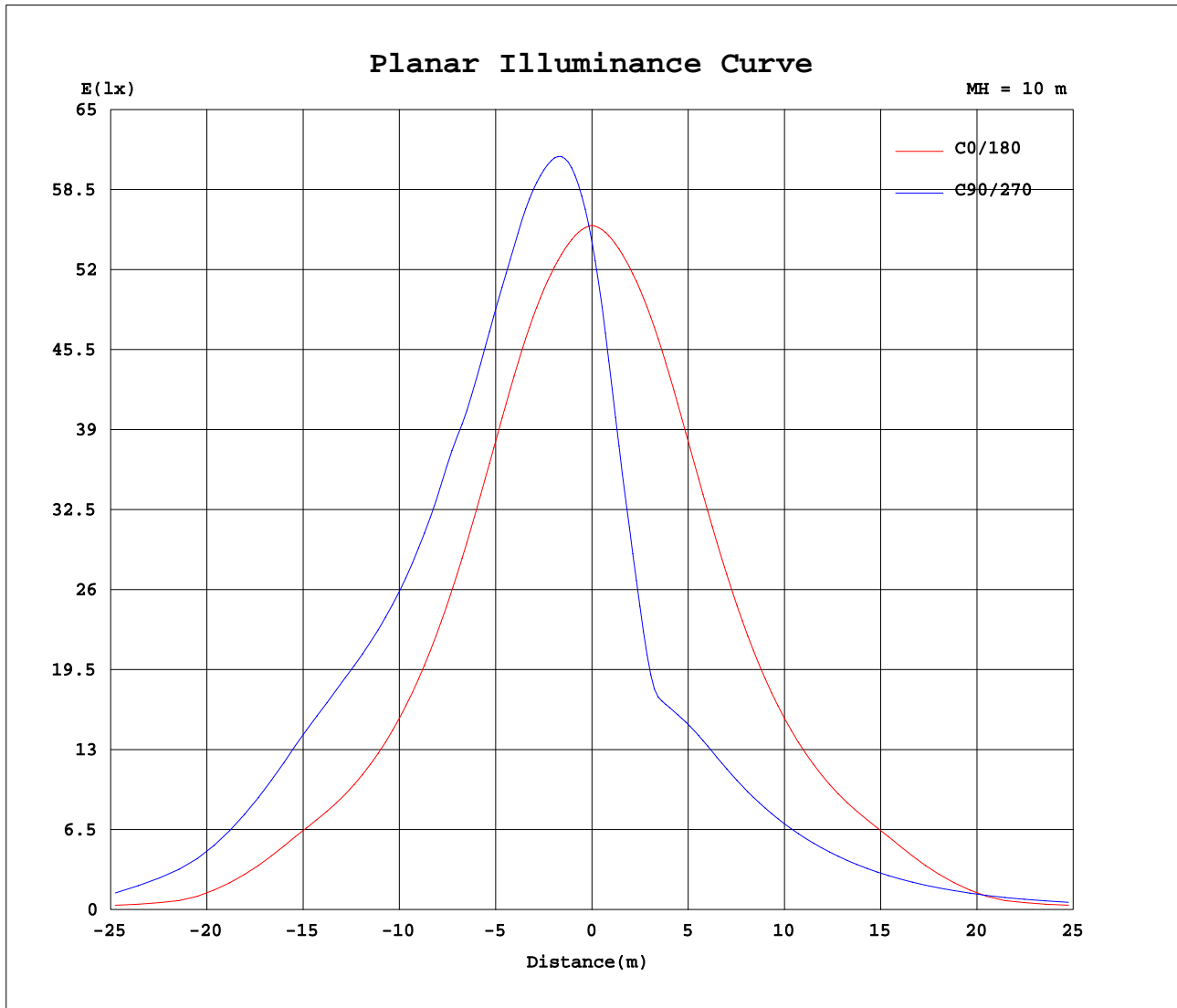
Test:U:219.2V I:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L3-00-5070-T401-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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



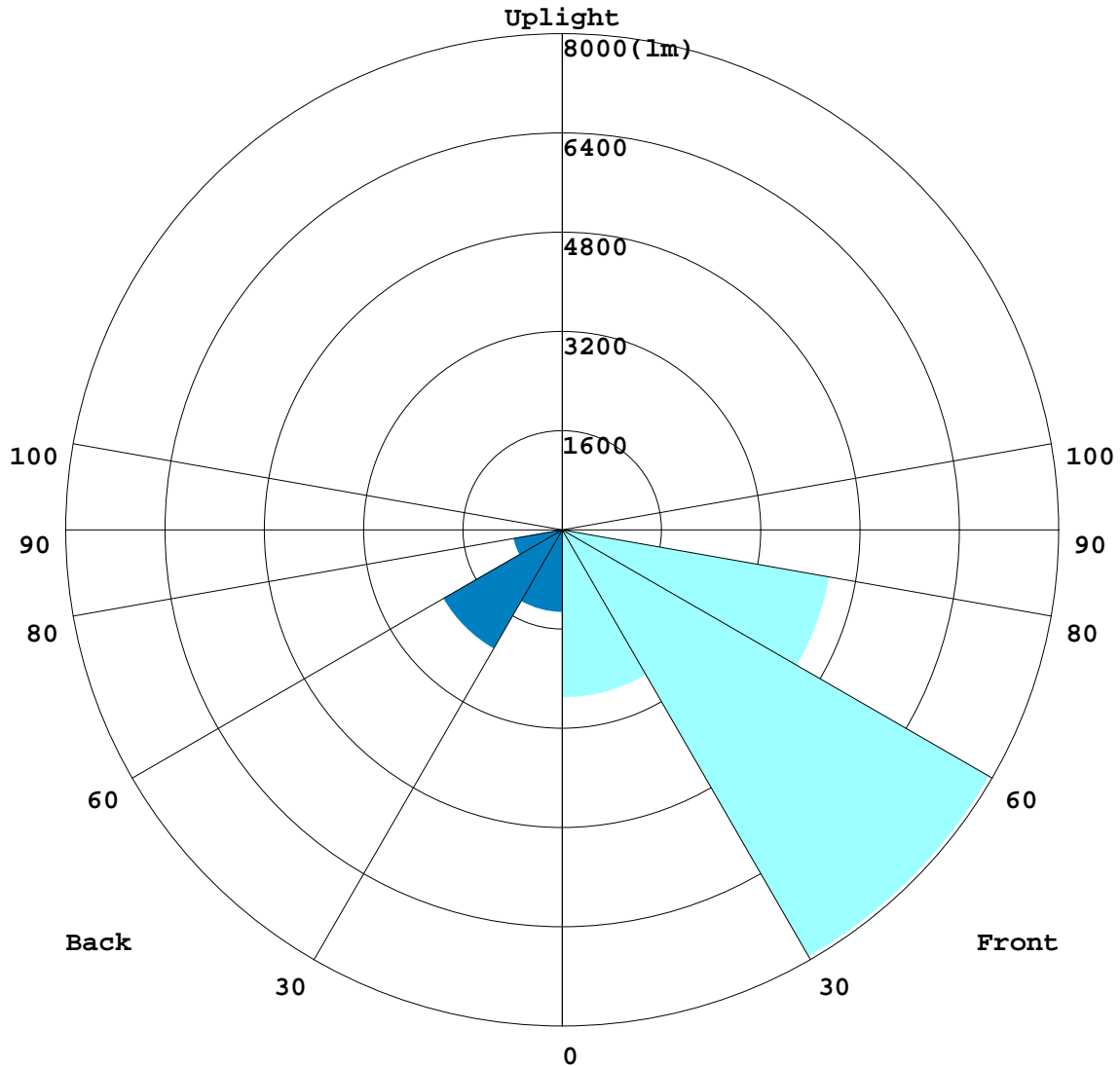
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-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:2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-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)	2703.8	13.8
FM - Front-Medium(30-60)	7944.7	40.7
FH - Front-High(60-80)	4369.8	22.4
FVH - Front-Very High(80-90)	103.87	0.5
Total Forward Light	15122	77.5

BL - Back-Low(0-30)	1327.4	6.8
BM - Back-Medium(30-60)	2210.8	11.3
BH - Back-High(60-80)	793.87	4.1
BVH - Back-Very High(80-90)	68.114	0.3
Total Back Light	4400.2	22.5

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	4400.2	0	4400.2
Street Side	15122	0	15122

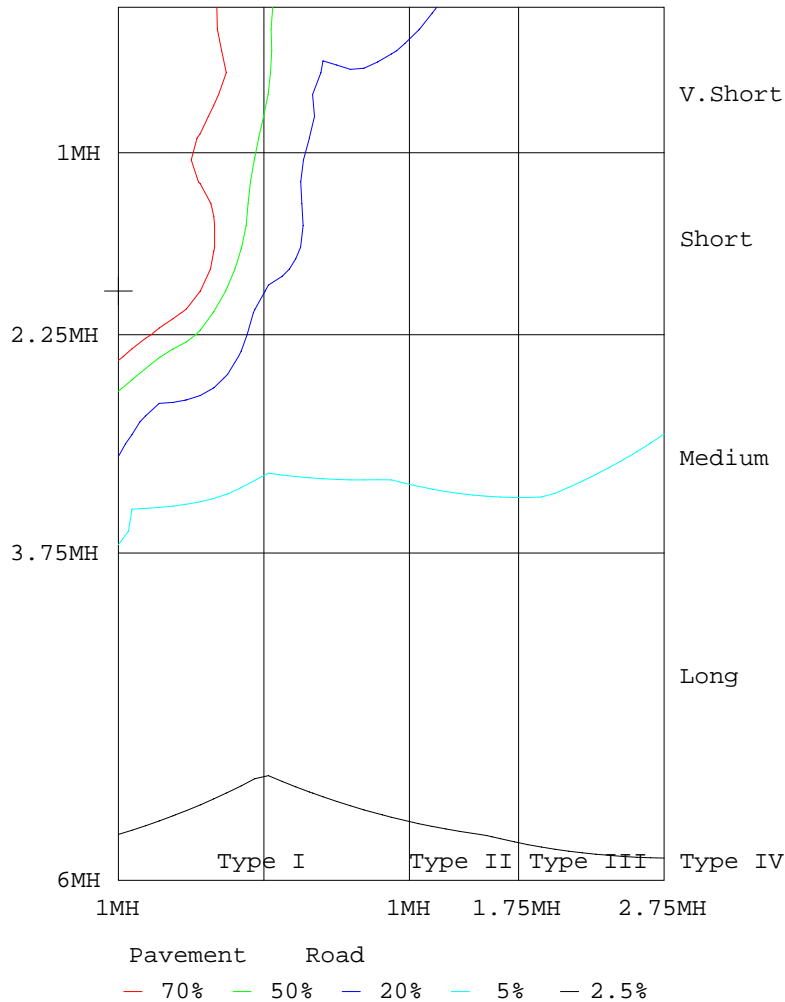
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WOT-NV-L3-00-5070-T401-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:2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-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	541	541	541	541	541	541	541	541	541	541	541	541	541	541	541	541	541	541	541
5	539	557	573	585	594	600	602	600	594	585	573	557	539	519	496	476	462	451	450
10	538	572	599	618	629	637	639	637	629	618	599	572	538	494	446	403	371	351	347
15	537	588	622	641	650	658	660	658	650	641	622	588	537	466	392	329	284	255	250
20	533	603	641	657	664	671	673	671	664	657	641	603	533	434	334	253	209	203	204
25	522	614	655	670	673	677	678	677	673	670	655	614	522	391	271	197	200	207	208
30	505	619	664	679	679	681	682	681	679	679	664	619	505	346	212	190	201	209	211
35	483	619	666	684	681	691	697	691	681	684	666	619	483	296	175	187	199	206	208
40	456	618	668	690	695	704	707	704	695	690	668	618	456	245	164	182	192	199	203
45	428	617	669	683	701	725	729	725	701	683	669	617	428	196	155	172	180	192	197
50	402	630	673	688	722	767	780	767	722	688	673	630	402	145	144	155	164	181	189
55	378	673	705	711	780	825	832	825	780	711	705	673	378	113	129	135	148	168	177
60	280	772	796	780	830	771	728	771	830	780	796	772	280	95.8	110	116	131	150	159
65	96.1	679	996	892	692	499	434	499	692	892	996	679	96.1	78.7	91.2	96.8	110	124	131
70	57.4	232	967	863	391	225	132	225	391	863	967	232	57.4	61.0	71.2	75.4	85.0	95.4	100
75	37.6	43.9	396	383	159	70.2	69.8	70.2	159	383	396	43.9	37.6	43.7	51.4	53.7	61.5	63.3	65.1
80	20.9	25.7	54.0	87.6	50.7	51.9	51.0	51.9	50.7	87.6	54.0	25.7	20.9	26.0	31.4	31.7	33.6	34.6	36.4
85	4.86	7.60	11.1	19.5	25.2	24.6	24.2	24.6	25.2	19.5	11.1	7.60	4.86	7.10	10.10	11.8	14.2	15.6	17.0
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:2019-10-25

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:0.6703A P:142.2W PF:0.9677 Freq:49.99Hz Lamp Flux:19522.3x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T401-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	541	541	541	541	541														
5	451	462	476	496	519														
10	351	371	403	446	494														
15	255	284	329	392	466														
20	203	209	253	334	434														
25	207	200	197	271	391														
30	209	201	190	212	346														
35	206	199	187	175	296														
40	199	192	182	164	245														
45	192	180	172	155	196														
50	181	164	155	144	145														
55	168	148	135	129	113														
60	150	131	116	110	95.8														
65	124	110	96.8	91.2	78.7														
70	95.4	85.0	75.4	71.2	61.0														
75	63.3	61.5	53.7	51.4	43.7														
80	34.6	33.6	31.7	31.4	26.0														
85	15.6	14.2	11.8	10.10	7.10														
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:2019-10-25

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: