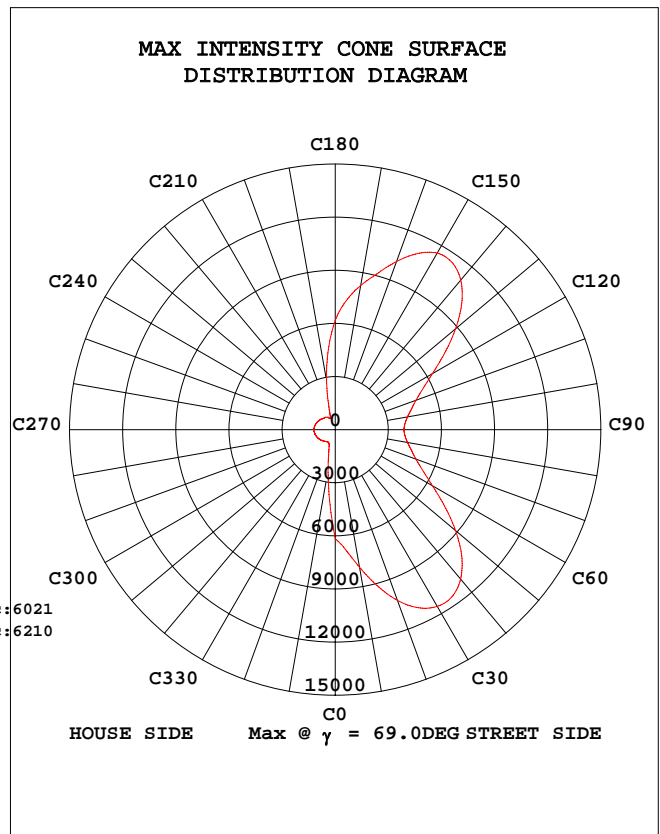
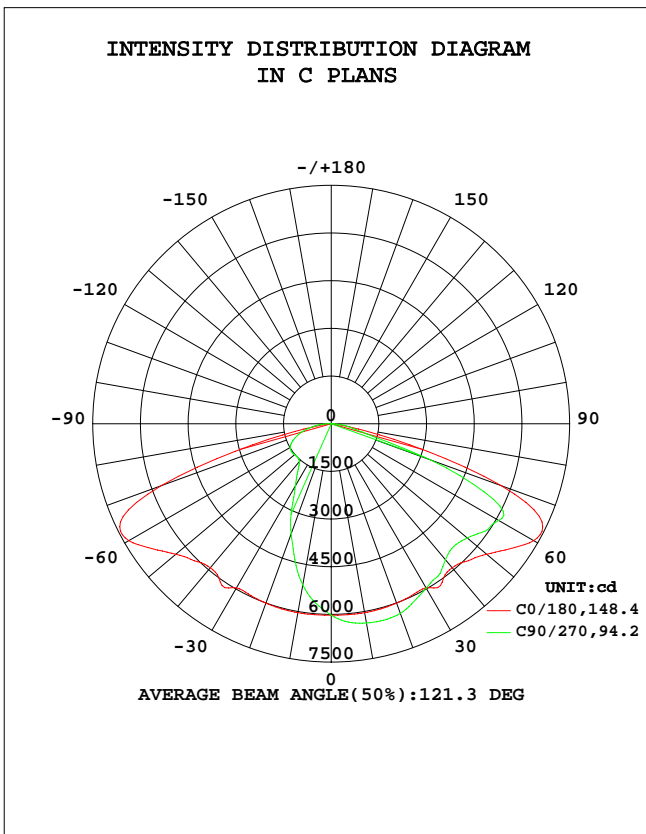


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.1V I:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.52 lm/W			
MODEL	5050	I _{max} (cd)	11521	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	72.7
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	23050	η house_up(%)	0.0
NOMINAL FLUX(lm)	23050.2	MAXIMUM @(C,γ)	150,69.0	η house_down(%)	27.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.825

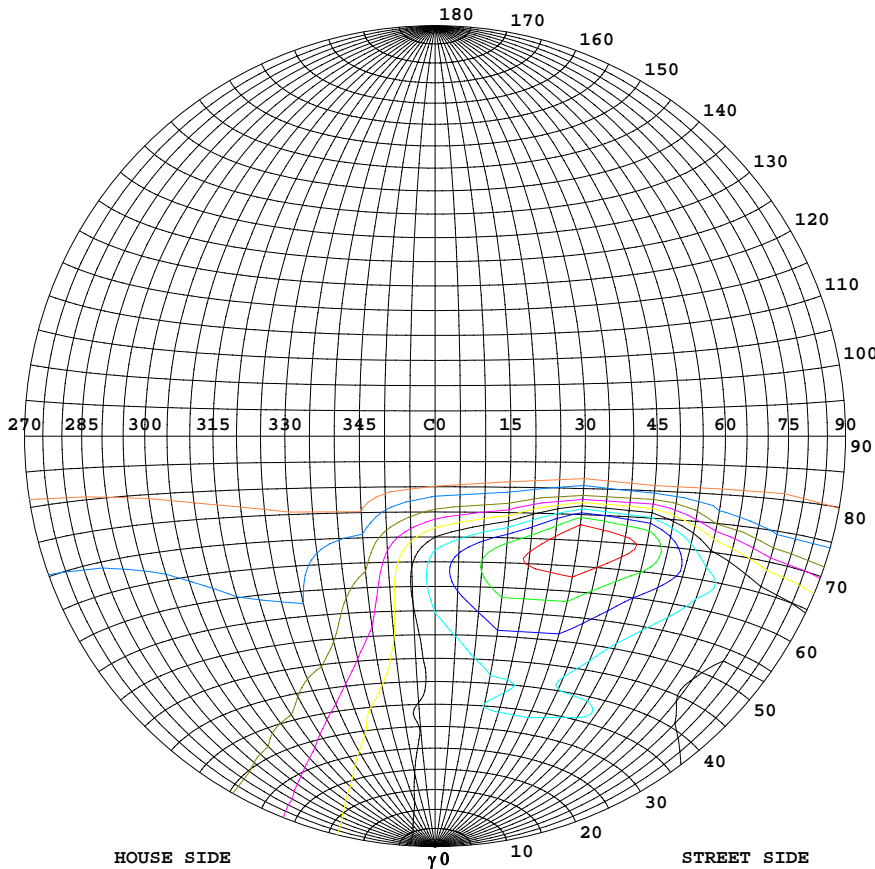


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

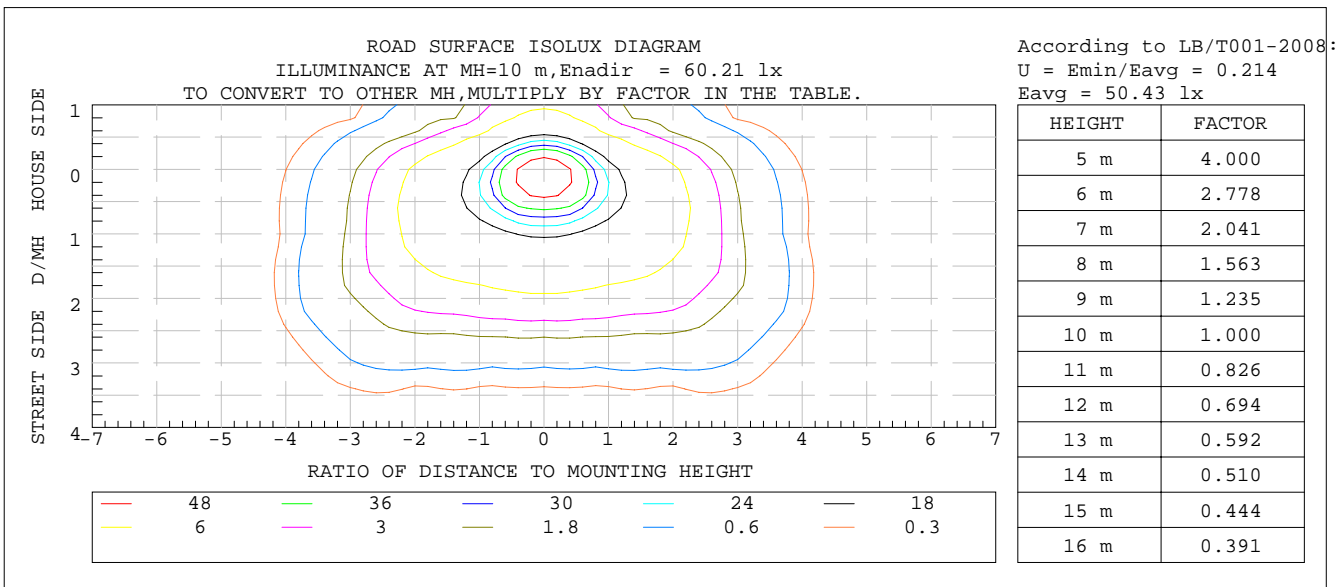
IES:Type IV - Medium
 CIE:Broad - Intermediate
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:60.60cd/klm
 Max.At90:0cd/klm
 Max.80-90:60.60cd/klm
 NRB 5101:Limited[2.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11521
90%	10369
80%	9217
70%	8065
60%	6913
50%	5761
40%	4609
30%	3456
20%	2304
10%	1152
5%	576

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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: 2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

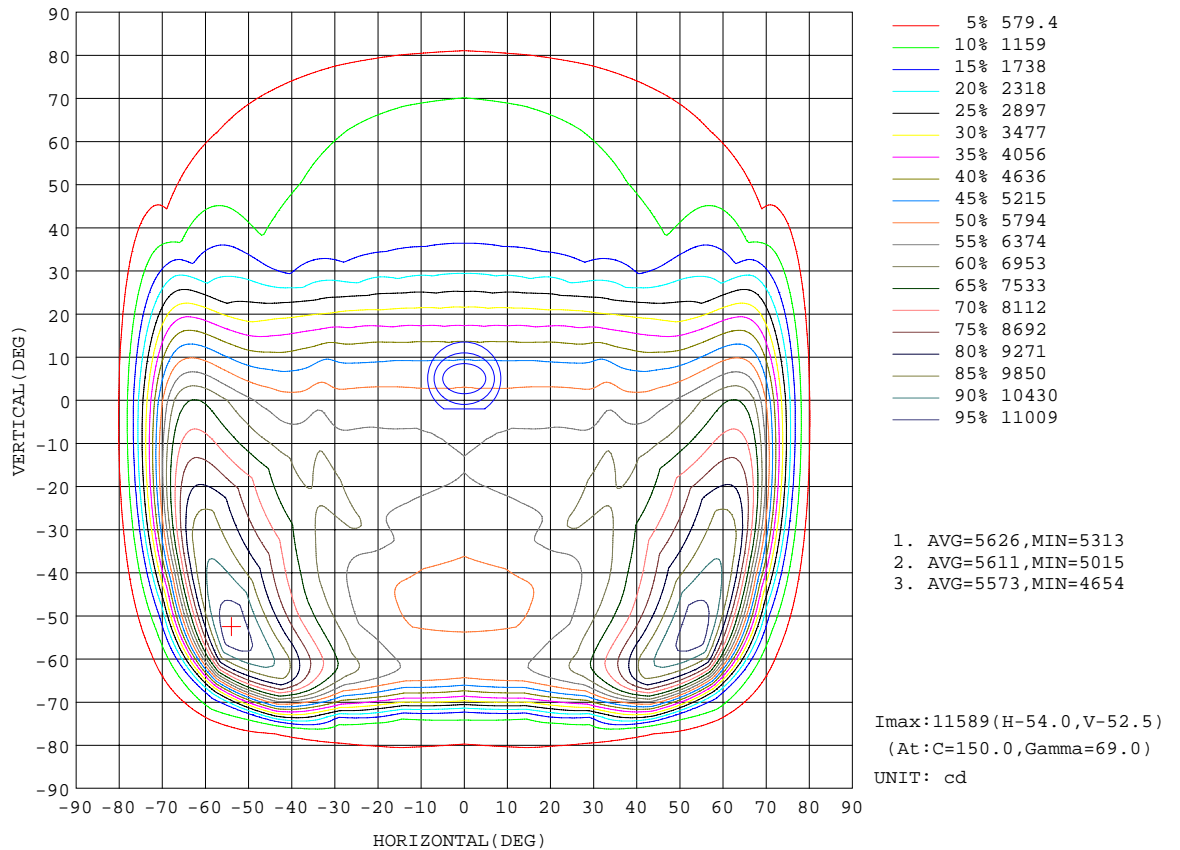
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	603.5	634.4	636.5	634.4	603.5	546.8	515.3	546.8	0- 10	569.4	569.4	2.47,2.47
20	600.7	646.6	635.0	646.6	600.7	450.0	368.8	450.0	10- 20	1616	2185	9.48,9.48
30	596.2	652.5	597.5	652.5	596.2	329.9	226.0	329.9	20- 30	2421	4606	20,20
40	592.0	677.6	559.1	677.6	592.0	186.5	156.3	186.5	30- 40	3021	7627	33.1,33.1
50	638.8	680.5	558.8	680.5	638.8	134.9	151.2	134.9	40- 50	3451	11078	48.1,48.1
60	735.6	804.9	608.2	804.9	735.6	116.4	149.5	116.4	50- 60	4201	15279	66.3,66.3
70	567.7	1015	329.6	1015	567.7	88.28	116.7	88.28	60- 70	4901	20181	87.6,87.6
80	59.08	87.13	56.87	87.13	59.08	44.98	64.17	44.98	70- 80	2608	22788	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	261.7	23050	100,100
100	0	0	0	0	0	0	0	0	90-100	0	23050	100,100
110	0	0	0	0	0	0	0	0	100-110	0	23050	100,100
120	0	0	0	0	0	0	0	0	110-120	0	23050	100,100
130	0	0	0	0	0	0	0	0	120-130	0	23050	100,100
140	0	0	0	0	0	0	0	0	130-140	0	23050	100,100
150	0	0	0	0	0	0	0	0	140-150	0	23050	100,100
160	0	0	0	0	0	0	0	0	150-160	0	23050	100,100
170	0	0	0	0	0	0	0	0	160-170	0	23050	100,100
180	0	0	0	0	0	0	0	0	170-180	0	23050	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:2019-09-02

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

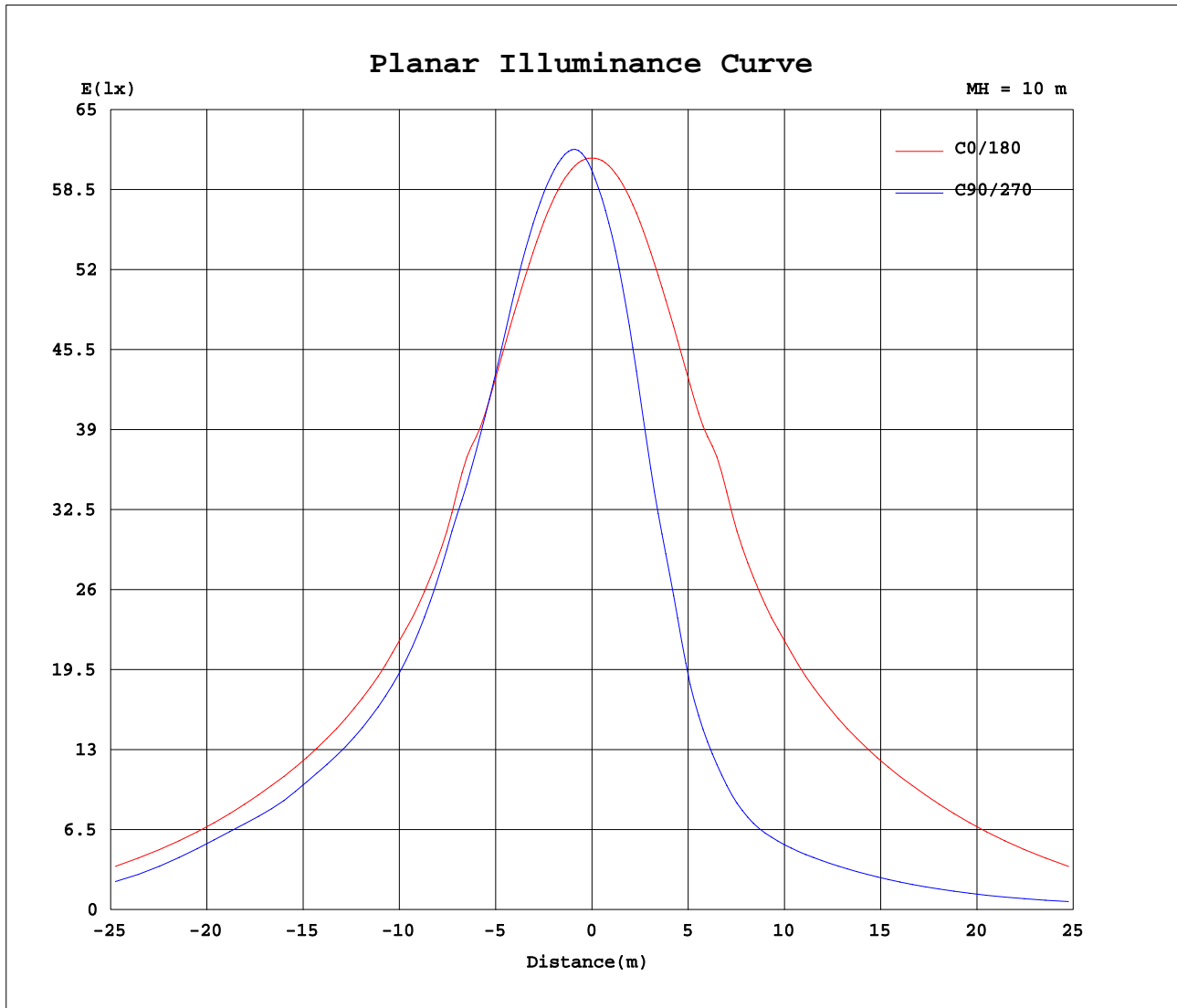
Test:U:219.1V I:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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



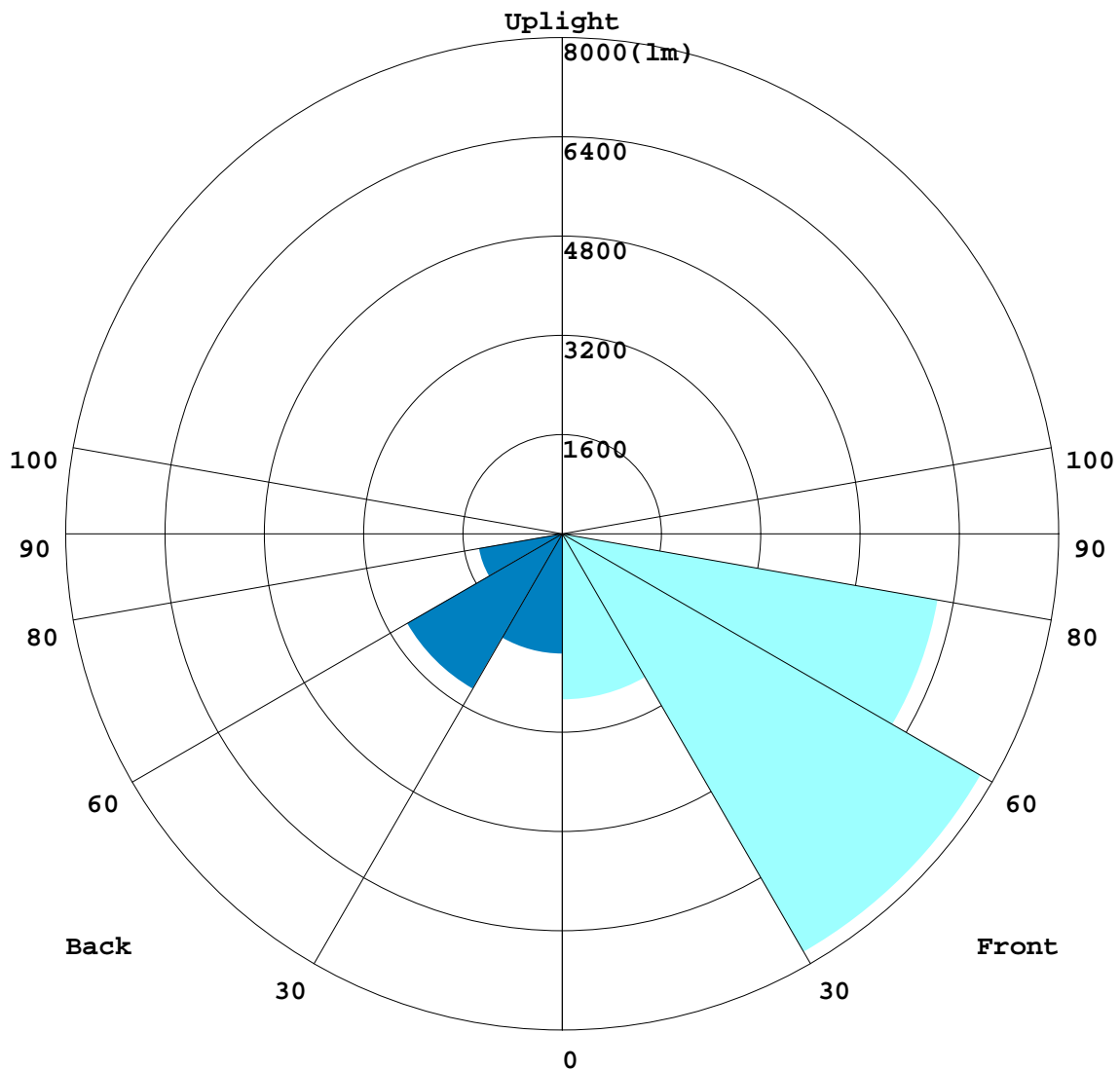
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-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:2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T402-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)	2673.1	11.6
FM - Front-Medium(30-60)	7786.9	33.8
FH - Front-High(60-80)	6146.8	26.7
FVH - Front-Very High(80-90)	140.7	0.6
Total Forward Light	16747	72.7

BL - Back-Low(0-30)	1933.1	8.4
BM - Back-Medium(30-60)	2886	12.5
BH - Back-High(60-80)	1362.6	5.9
BVH - Back-Very High(80-90)	121.02	0.5
Total Back Light	6302.7	27.3

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	6302.7	0	6302.7
Street Side	16747	0	16747

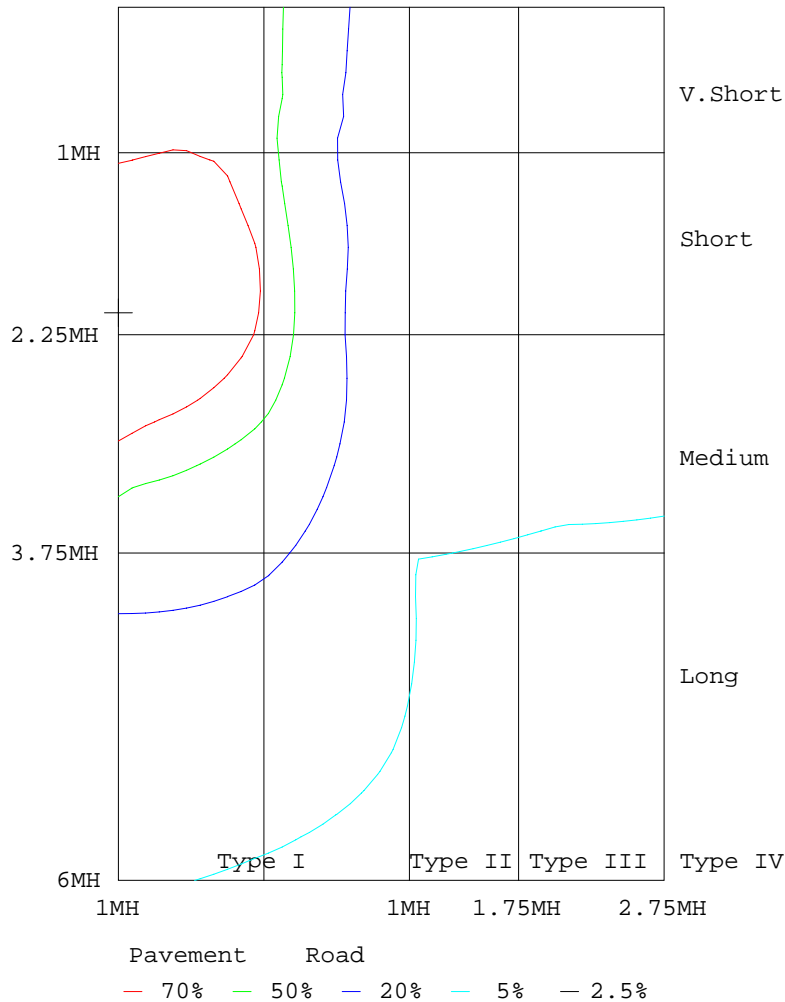
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WOT-NV-L5-00-5070-T402-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:2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-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	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602	602
5	603	611	617	622	624	626	627	626	624	622	617	611	603	594	585	577	571	567	566
10	603	619	629	634	636	637	636	637	636	634	629	619	603	585	566	547	530	518	515
15	603	625	636	642	642	642	640	642	642	642	636	625	603	574	542	505	473	448	443
20	601	629	641	647	645	640	635	640	645	647	641	629	601	562	511	450	403	374	369
25	597	633	647	651	640	626	617	626	640	651	647	633	597	546	471	388	340	302	294
30	596	641	654	652	629	608	598	608	629	652	654	641	596	529	420	330	258	229	226
35	609	686	710	682	638	603	586	603	638	682	710	686	609	509	368	251	200	187	184
40	592	677	695	678	624	581	559	581	624	678	695	677	592	460	301	187	164	157	156
45	610	717	718	660	597	563	545	563	597	660	718	717	610	416	225	152	145	148	150
50	639	781	779	681	605	568	559	568	605	681	779	781	639	367	156	135	139	148	151
55	686	858	862	730	630	591	590	591	630	730	862	858	686	321	123	126	135	147	153
60	736	950	959	805	677	618	608	618	677	805	959	950	736	271	109	116	129	143	149
65	731	1007	1084	924	716	605	563	605	716	924	1084	1007	731	208	94.7	104	119	131	136
70	568	851	1147	1015	587	393	330	393	587	1015	1147	851	568	130	78.4	88.3	102	112	117
75	257	391	853	701	220	100	100	100	220	701	853	391	257	59.2	60.1	69.0	80.5	87.9	92.3
80	59.1	82.0	140	87.1	60.9	62.5	56.9	62.5	60.9	87.1	140	82.0	59.1	32.8	37.6	45.0	54.0	60.5	64.2
85	9.13	13.4	19.1	19.4	28.2	27.6	24.6	27.6	28.2	19.4	19.1	13.4	9.13	10.8	15.5	20.9	28.0	32.5	35.4
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:2019-09-02

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:0.6810A P:143.6W PF:0.9622 Freq:49.99Hz Lamp Flux:23050.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T402-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	602	602	602	602	602														
5	567	571	577	585	594														
10	518	530	547	566	585														
15	448	473	505	542	574														
20	374	403	450	511	562														
25	302	340	388	471	546														
30	229	258	330	420	529														
35	187	200	251	368	509														
40	157	164	187	301	460														
45	148	145	152	225	416														
50	148	139	135	156	367														
55	147	135	126	123	321														
60	143	129	116	109	271														
65	131	119	104	94.7	208														
70	112	102	88.3	78.4	130														
75	87.9	80.5	69.0	60.1	59.2														
80	60.5	54.0	45.0	37.6	32.8														
85	32.5	28.0	20.9	15.5	10.8														
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:2019-09-02

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: