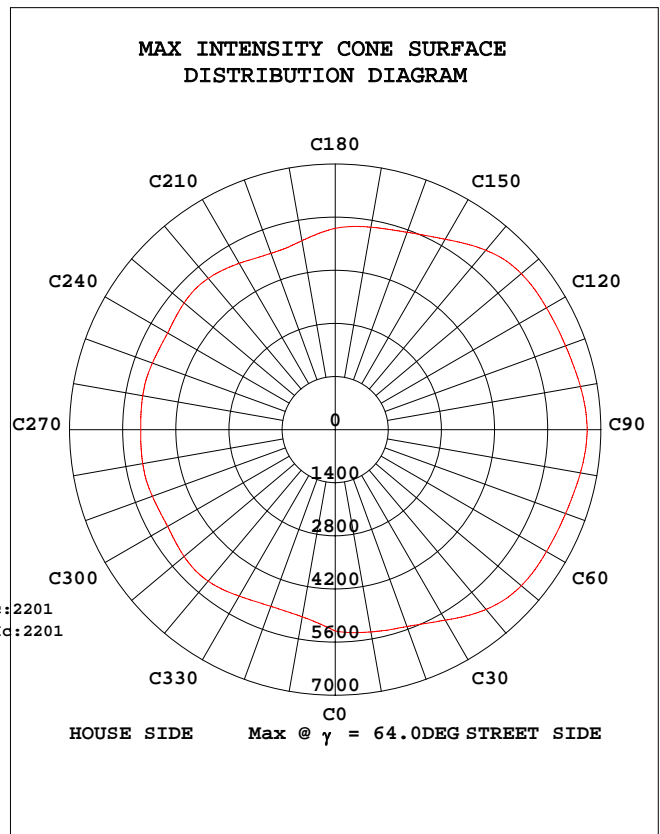
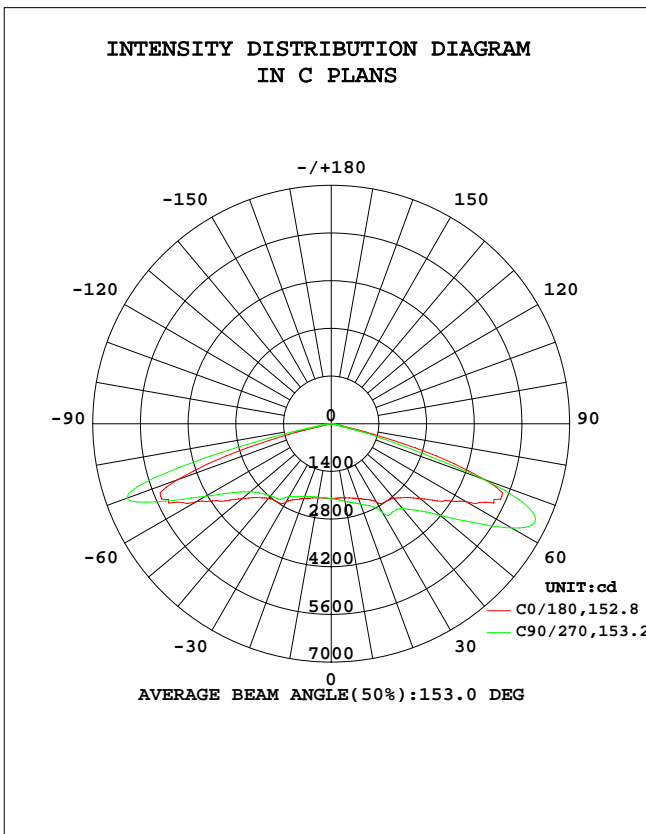


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:219.2V I:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.03 lm/W			
MODEL	3030	I <sub>max</sub> (cd)	6639	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	51.3
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	18653	η house_up(%)	0.0
NOMINAL FLUX(lm)	18652.8	MAXIMUM @(C,γ )	90,64.0	η house_down(%)	48.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	19.594

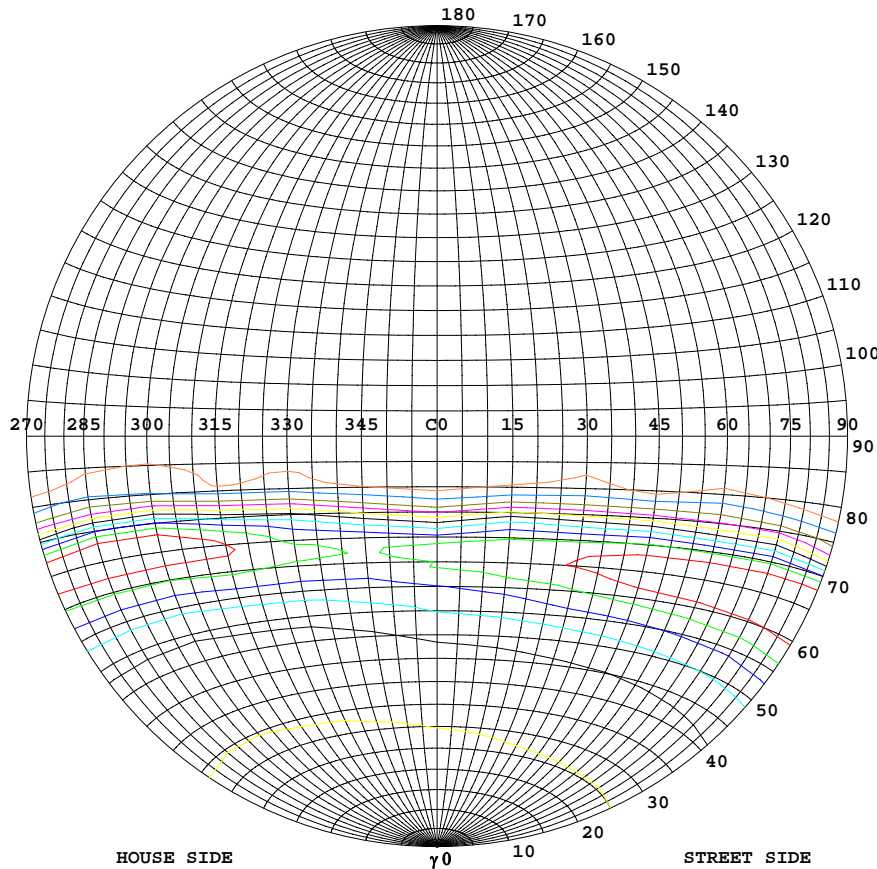


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-10-17

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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



**Classification:**

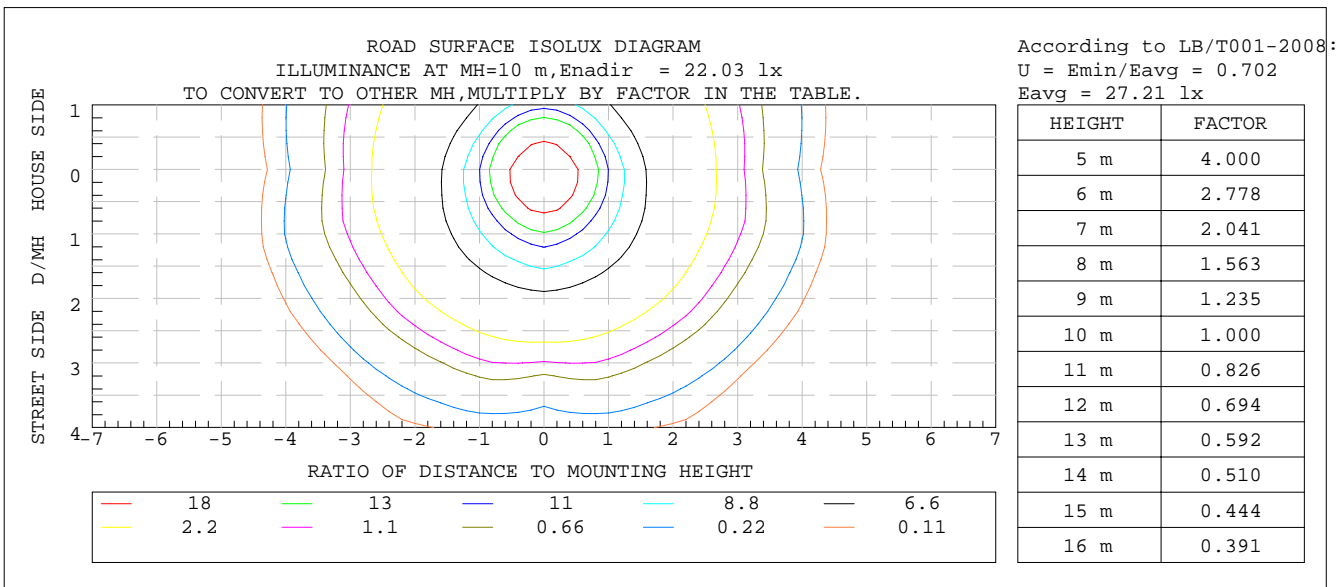
IES:Type V - Very Short  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:45.88cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:45.88cd/klm  
 NRB 5101:Semi limited[11.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6639
90%	5975
80%	5311
70%	4647
60%	3983
50%	3319
40%	2656
30%	1992
20%	1328
10%	664
5%	332

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-10-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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: 2019-10-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

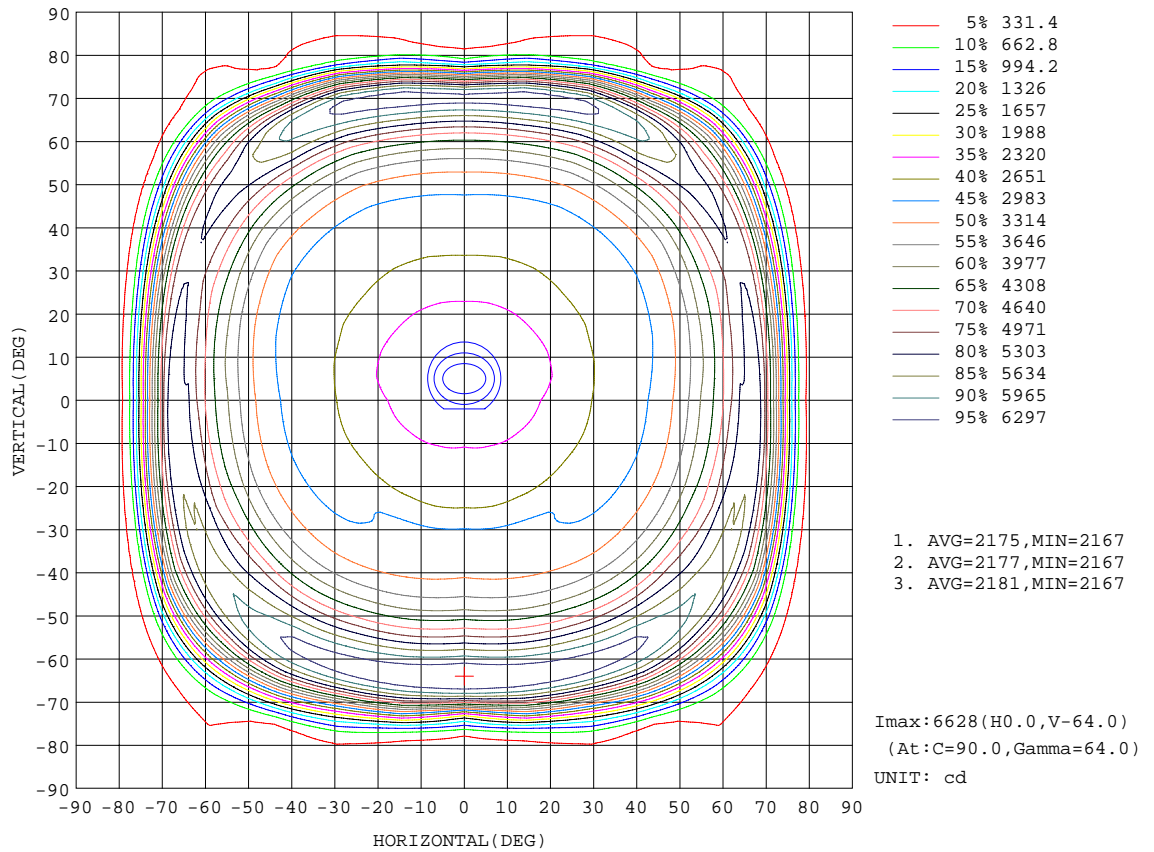
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	2208	2263	2309	2263	2208	2179	2190	2179	0- 10	210.7	210.7	1.13,1.13
20	2339	2446	2511	2446	2339	2284	2279	2284	10- 20	649.4	860.2	4.61,4.61
30	2655	2857	3009	2857	2655	2541	2476	2541	20- 30	1161	2021	10.8,10.8
40	2861	3035	3256	3035	2861	2730	2768	2730	30- 40	1776	3797	20.4,20.4
50	3423	3767	4188	3767	3423	3088	3108	3088	40- 50	2432	6229	33.4,33.4
60	4577	5549	6121	5549	4577	4306	4261	4306	50- 60	3683	9912	53.1,53.1
70	4792	5352	4718	5352	4792	6012	6389	6012	60- 70	5512	15424	82.7,82.7
80	293.5	281.1	237.6	281.1	293.5	405.7	450.2	405.7	70- 80	3029	18454	98.9,98.9
90	0	0	0	0	0	0	0	0	80- 90	199.0	18653	100,100
100	0	0	0	0	0	0	0	0	90-100	0	18653	100,100
110	0	0	0	0	0	0	0	0	100-110	0	18653	100,100
120	0	0	0	0	0	0	0	0	110-120	0	18653	100,100
130	0	0	0	0	0	0	0	0	120-130	0	18653	100,100
140	0	0	0	0	0	0	0	0	130-140	0	18653	100,100
150	0	0	0	0	0	0	0	0	140-150	0	18653	100,100
160	0	0	0	0	0	0	0	0	150-160	0	18653	100,100
170	0	0	0	0	0	0	0	0	160-170	0	18653	100,100
180	0	0	0	0	0	0	0	0	170-180	0	18653	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-10-17

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

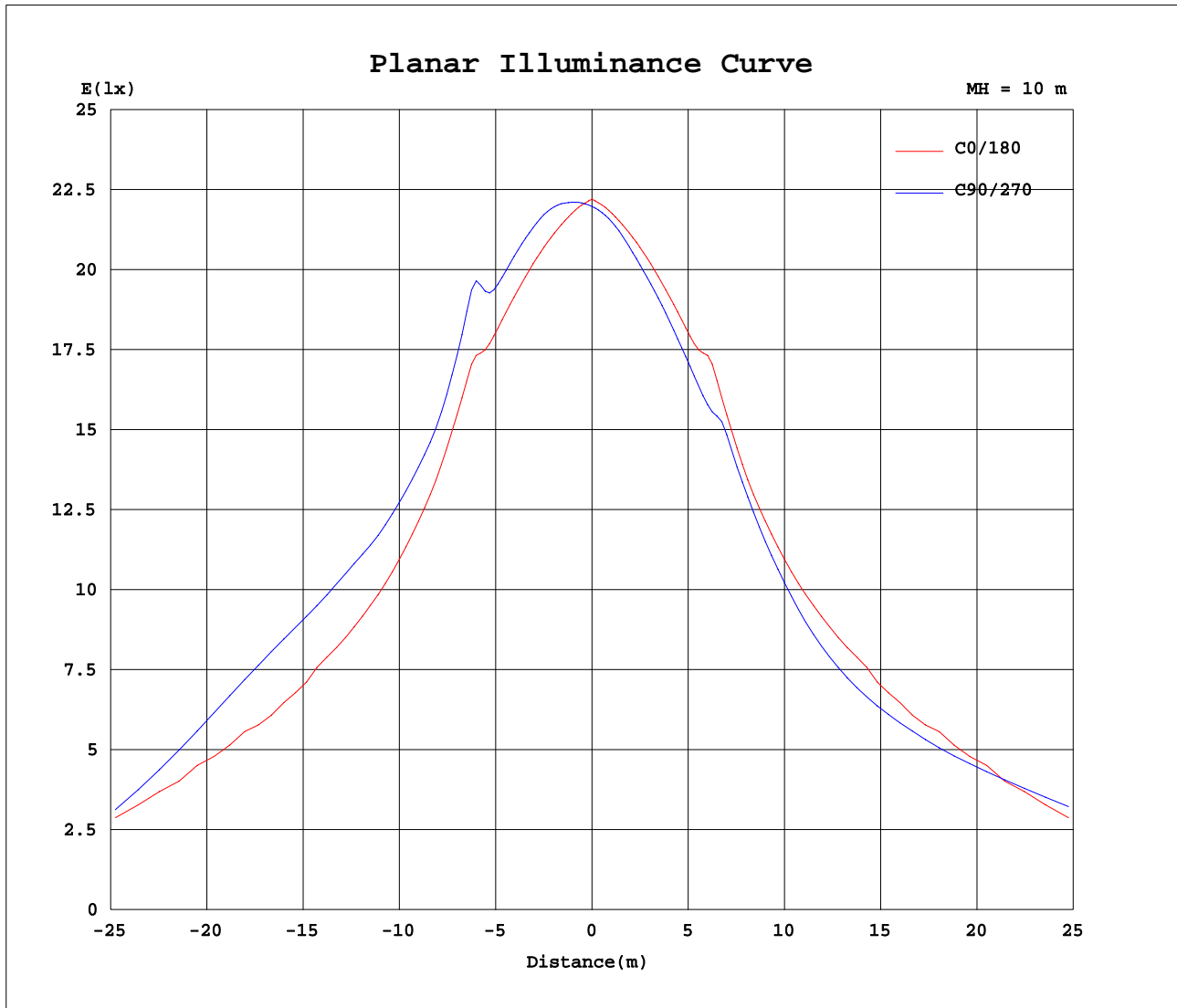
Test:U:219.2V I:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-10-17

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



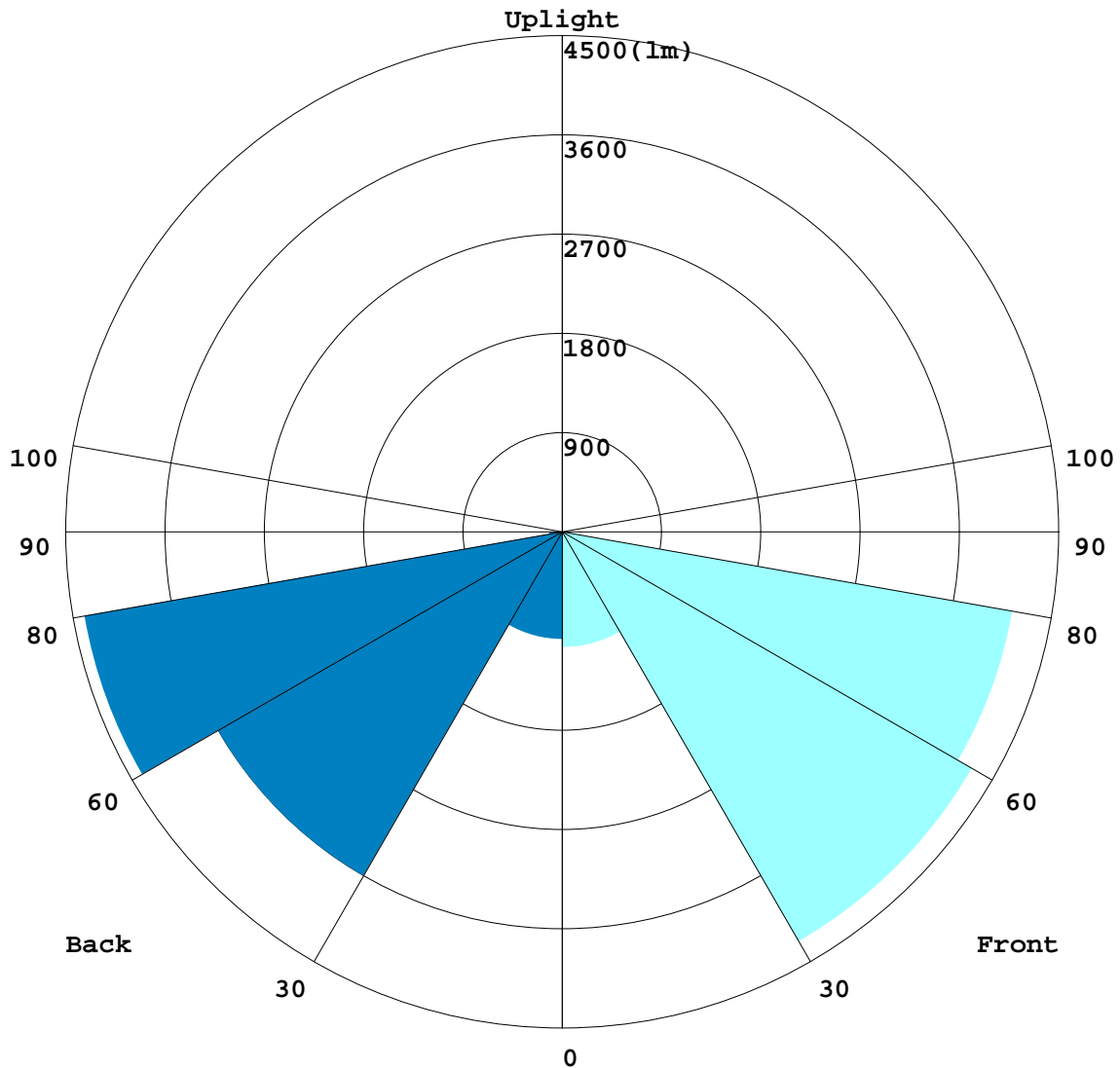
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-10-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T501-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:2019-10-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L3-00-5070-T501-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)	1046.9	5.6
FM - Front-Medium(30-60)	4289.4	23.0
FH - Front-High(60-80)	4144.8	22.2
FVH - Front-Very High(80-90)	80.543	0.4
Total Forward Light	9561.6	51.3

BL - Back-Low(0-30)	973.98	5.2
BM - Back-Medium(30-60)	3602.2	19.3
BH - Back-High(60-80)	4396.5	23.6
BVH - Back-Very High(80-90)	118.5	0.6
Total Back Light	9091.1	48.7

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	B4-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9091.1	0	9091.1
Street Side	9561.6	0	9561.6

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-10-17

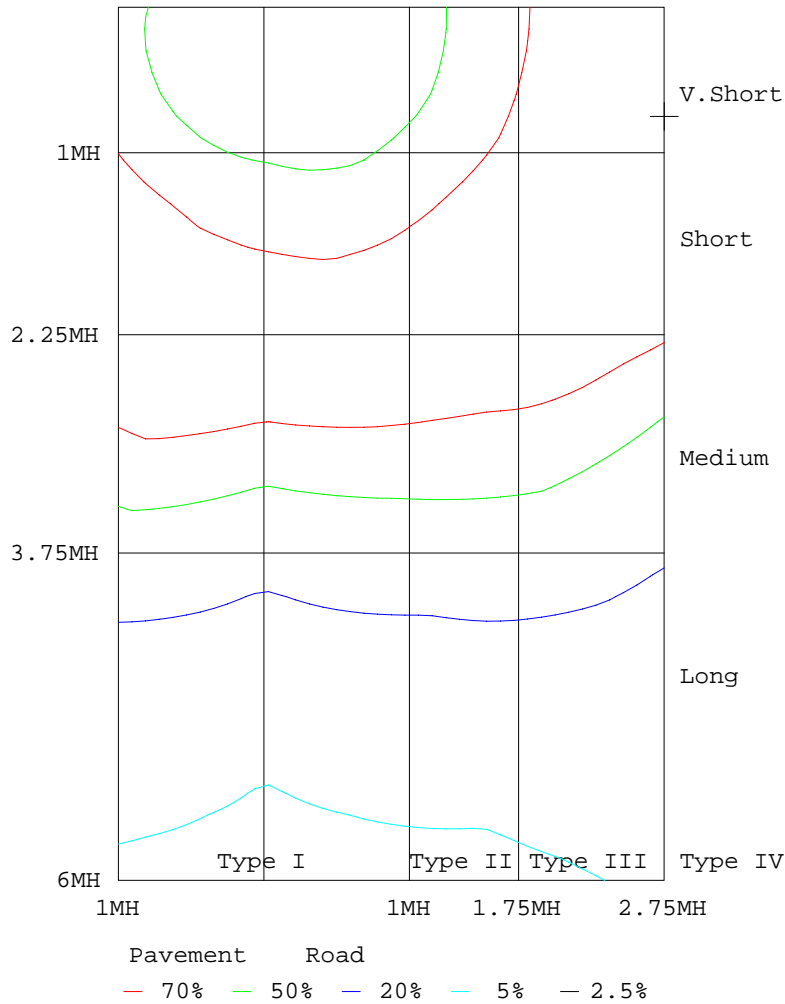
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:219.2V I:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WOT-NV-L3-00-5070-T501-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:2019-10-17

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	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	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201	2201
5	2191	2198	2208	2216	2226	2233	2240	2233	2226	2216	2208	2198	2191	2185	2181	2181	2181	2184	2188
10	2208	2224	2246	2263	2282	2297	2309	2297	2282	2263	2246	2224	2208	2193	2182	2179	2178	2183	2190
15	2258	2285	2317	2342	2368	2385	2401	2385	2368	2342	2317	2285	2258	2234	2217	2211	2205	2211	2218
20	2339	2370	2414	2446	2473	2492	2511	2492	2473	2446	2414	2370	2339	2310	2288	2284	2271	2275	2279
25	2455	2497	2559	2594	2627	2638	2659	2638	2627	2594	2559	2497	2455	2419	2394	2387	2370	2364	2363
30	2655	2720	2807	2857	2909	2938	3009	2938	2909	2857	2807	2720	2655	2583	2546	2541	2507	2486	2476
35	2790	2833	2891	2957	3015	3089	3156	3089	3015	2957	2891	2833	2790	2739	2700	2691	2675	2675	2705
40	2861	2905	2970	3035	3112	3188	3256	3188	3112	3035	2970	2905	2861	2802	2745	2730	2728	2741	2768
45	3069	3125	3216	3297	3407	3507	3606	3507	3407	3297	3216	3125	3069	2972	2877	2849	2840	2869	2895
50	3423	3507	3640	3767	3911	4029	4188	4029	3911	3767	3640	3507	3423	3267	3119	3088	3052	3086	3108
55	3975	4116	4330	4517	4717	4846	5044	4846	4717	4517	4330	4116	3975	3755	3554	3531	3460	3503	3528
60	4577	4853	5233	5549	5756	5906	6121	5906	5756	5549	5233	4853	4577	4418	4313	4306	4199	4255	4261
65	5276	5684	5996	6362	6451	6521	6620	6521	6451	6362	5996	5684	5276	5141	5183	5494	5356	5419	5383
70	4792	5201	5174	5352	5189	5172	4718	5172	5189	5352	5174	5201	4792	5049	5176	6012	6410	6480	6389
75	1891	2736	2481	2302	2044	1800	1125	1800	2044	2302	2481	2736	1891	2594	3485	3795	4734	4596	3678
80	294	352	407	281	400	302	238	302	400	281	407	352	294	340	495	406	709	856	450
85	121	150	201	172	165	109	91.4	109	165	172	201	150	121	148	234	215	355	296	209
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:2019-10-17

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:0.6709A P:142.4W PF:0.9679 Freq:49.99Hz Lamp Flux:18652.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L3-00-5070-T501-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

Table--2

UNIT: cd

C( DEG) γ (DEG)	285	300	315	330	345														
0	2201	2201	2201	2201	2201														
5	2184	2181	2181	2181	2185														
10	2183	2178	2179	2182	2193														
15	2211	2205	2211	2217	2234														
20	2275	2271	2284	2288	2310														
25	2364	2370	2387	2394	2419														
30	2486	2507	2541	2546	2583														
35	2675	2675	2691	2700	2739														
40	2741	2728	2730	2745	2802														
45	2869	2840	2849	2877	2972														
50	3086	3052	3088	3119	3267														
55	3503	3460	3531	3554	3755														
60	4255	4199	4306	4313	4418														
65	5419	5356	5494	5183	5141														
70	6480	6410	6012	5176	5049														
75	4596	4734	3795	3485	2594														
80	856	709	406	495	340														
85	296	355	215	234	148														
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:2019-10-17

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: