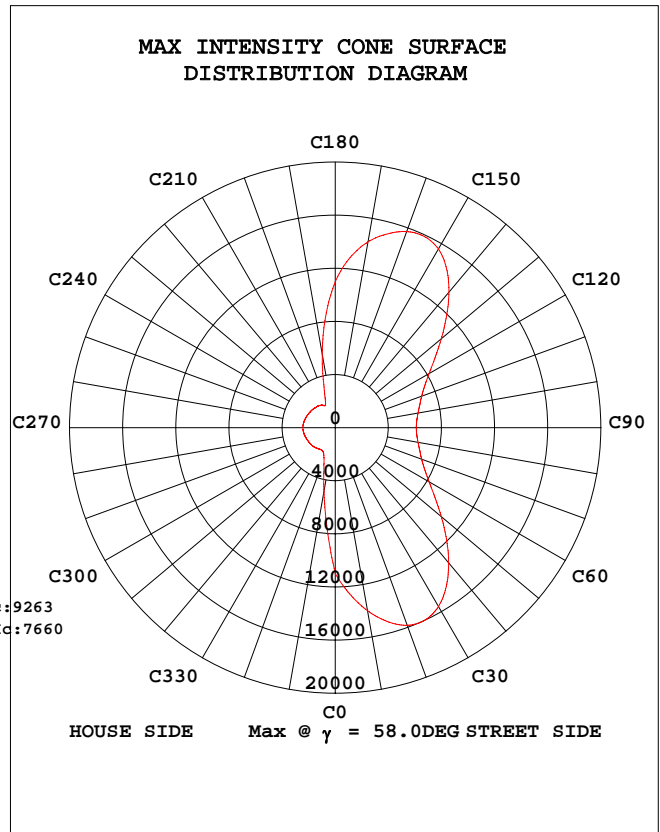
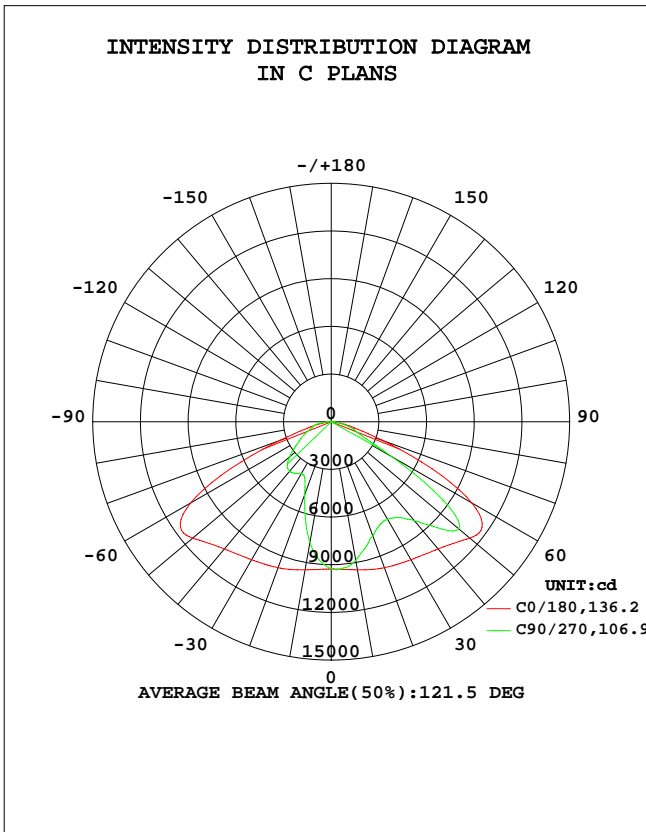


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.2V I:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.37 lm/W			
MODEL	3030	I _{max} (cd)	15547	η street_up(%)	0.0
NOMINAL POWER(W)	230	LOR(%)	100.0	η street_down(%)	67.6
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	29335	η house_up(%)	0.0
NOMINAL FLUX(lm)	29335.2	MAXIMUM @(C,γ)	30,58.0	η house_down(%)	32.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	20.863

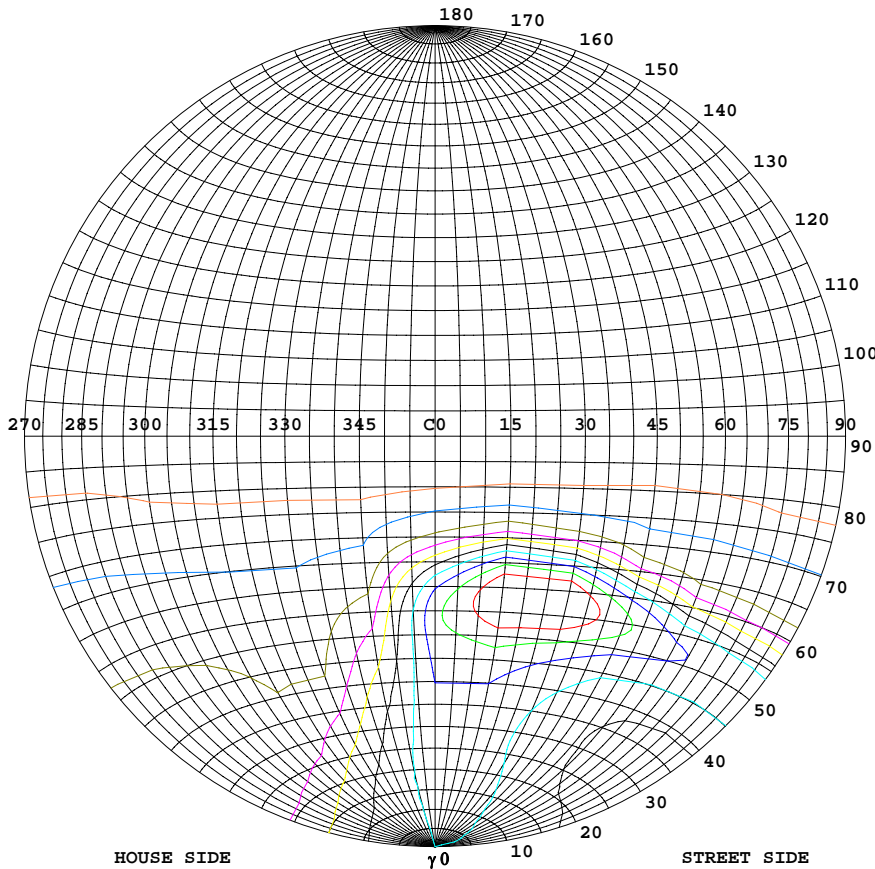


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



Classification:

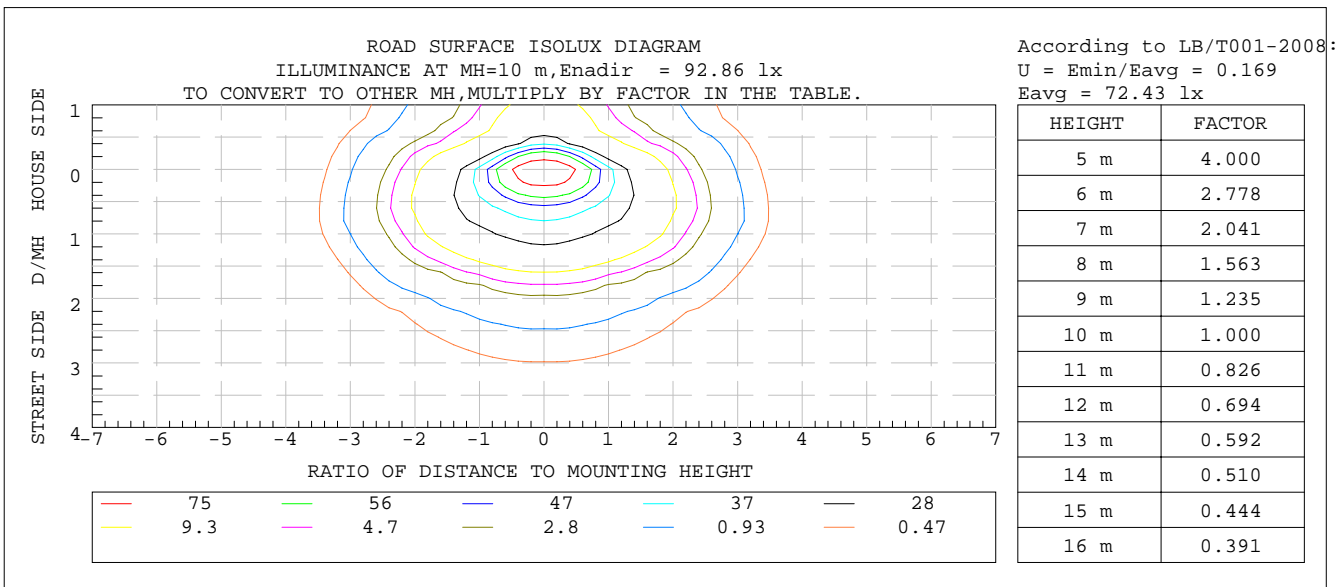
IES:Type II - Short
 CIE:Narrow - Short
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:31.89cd/klm
 Max.At90:0cd/klm
 Max.80-90:31.89cd/klm
 NRB 5101:Limited[5.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	15547
90%	13992
80%	12437
70%	10883
60%	9328
50%	7773
40%	6219
30%	4664
20%	3109
10%	1555
5%	777

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

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: 2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:

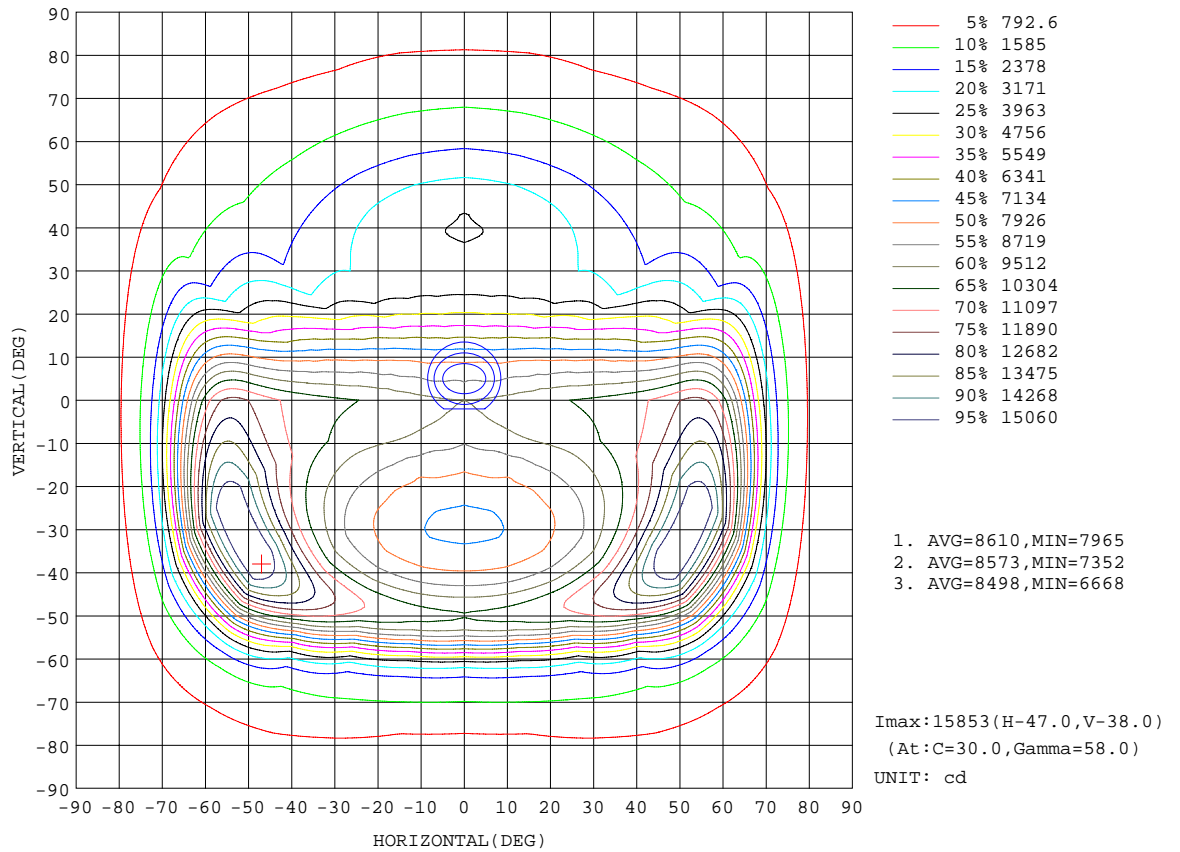
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	946.3	919.1	886.4	919.1	946.3	846.5	771.1	846.5	0- 10	865.7	865.7	2.95,2.95
20	977.1	855.4	766.0	855.4	977.1	648.2	489.1	648.2	10- 20	2350	3216	11,11
30	1002	813.0	710.1	813.0	1002	410.3	378.3	410.3	20- 30	3353	6569	22.4,22.4
40	1045	856.5	813.1	856.5	1045	321.8	406.6	321.8	30- 40	4309	10879	37.1,37.1
50	1139	1133	1048	1133	1139	273.1	342.0	273.1	40- 50	5674	16552	56.4,56.4
60	1021	1039	439.9	1039	1021	196.4	225.5	196.4	50- 60	6787	23339	79.6,79.6
70	341.4	210.4	159.5	210.4	341.4	126.3	145.7	126.3	60- 70	4221	27560	93.9,93.9
80	69.82	90.71	60.07	90.71	69.82	65.50	93.56	65.50	70- 80	1427	28987	98.8,98.8
90	0	0	0	0	0	0	0	0	80- 90	348.2	29335	100,100
100	0	0	0	0	0	0	0	0	90-100	0	29335	100,100
110	0	0	0	0	0	0	0	0	100-110	0	29335	100,100
120	0	0	0	0	0	0	0	0	110-120	0	29335	100,100
130	0	0	0	0	0	0	0	0	120-130	0	29335	100,100
140	0	0	0	0	0	0	0	0	130-140	0	29335	100,100
150	0	0	0	0	0	0	0	0	140-150	0	29335	100,100
160	0	0	0	0	0	0	0	0	150-160	0	29335	100,100
170	0	0	0	0	0	0	0	0	160-170	0	29335	100,100
180	0	0	0	0	0	0	0	0	170-180	0	29335	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:2019-12-06

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

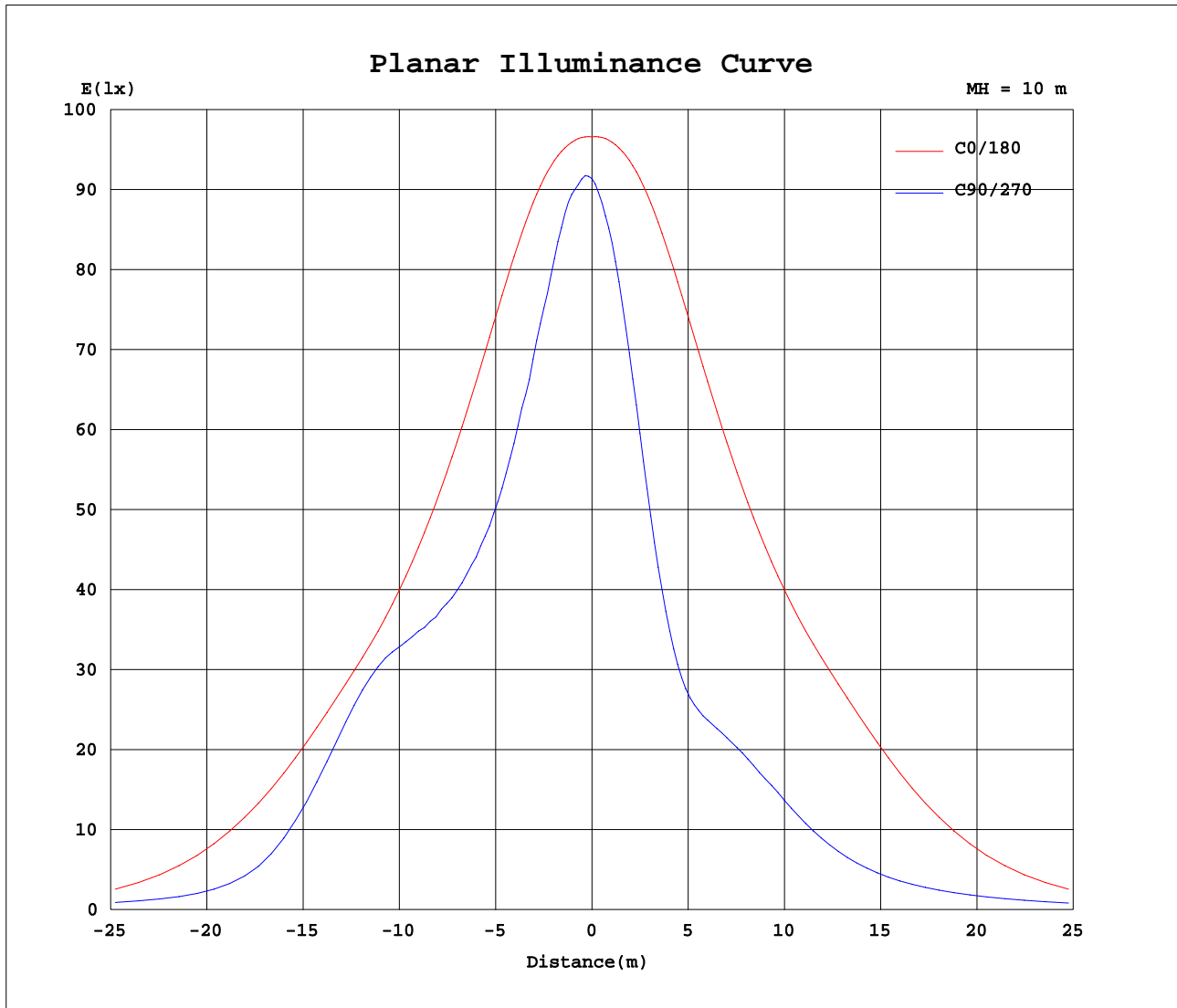
Test:U:219.2V I:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-P	DIM.: 679*350*56mm	SERIAL No.:
MFR.: AOK	SUR.:270*270mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

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



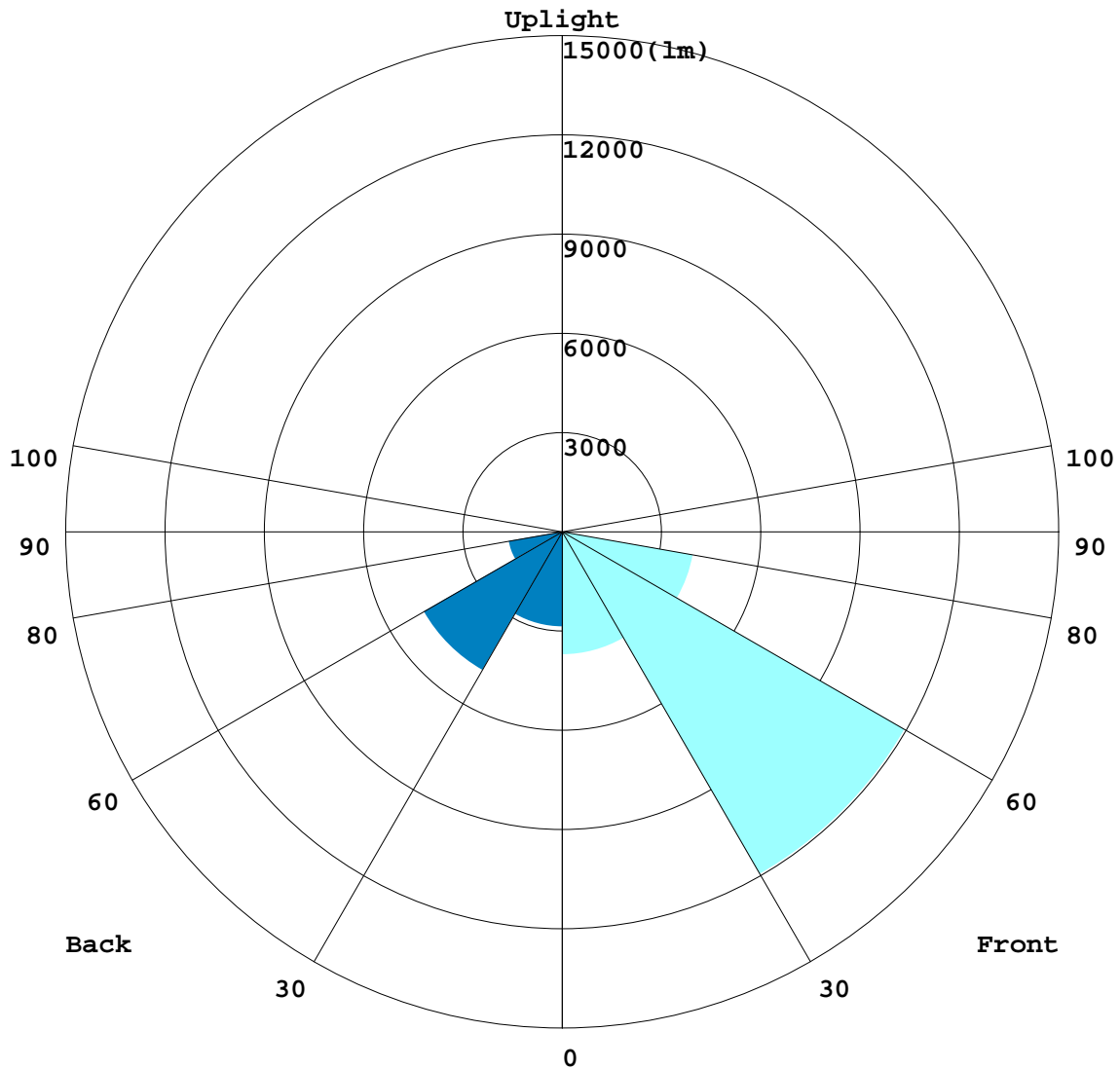
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-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:2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-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)	3707.2	12.6
FM - Front-Medium(30-60)	11944	40.7
FH - Front-High(60-80)	4007.9	13.7
FVH - Front-Very High(80-90)	167.44	0.6
Total Forward Light	19827	67.6

BL - Back-Low(0-30)	2862.2	9.8
BM - Back-Medium(30-60)	4825.6	16.4
BH - Back-High(60-80)	1640.1	5.6
BVH - Back-Very High(80-90)	180.74	0.6
Total Back Light	9508.6	32.4

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9508.6	0	9508.6
Street Side	19827	0	19827

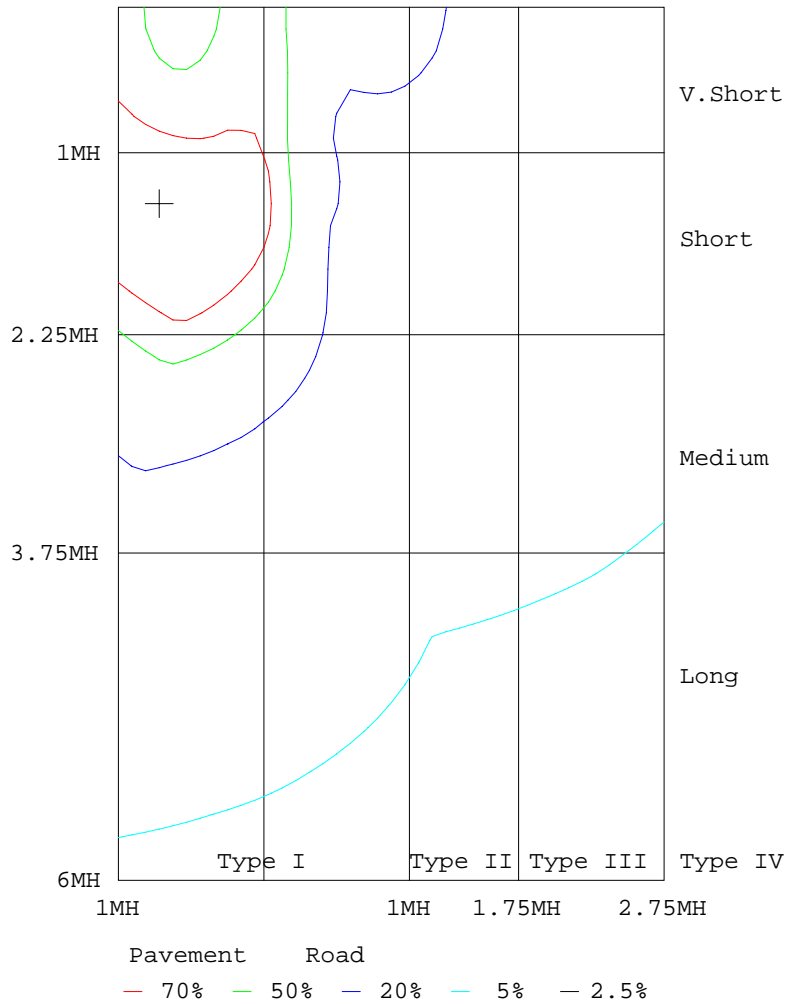
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-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:2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-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	926	926	926	926	926	926	926	926	926	926	926	926	926	926	926	926	926	926	926
5	933	935	941	931	924	927	923	927	924	931	941	935	933	922	914	904	892	879	873
10	946	947	945	919	895	892	886	892	895	919	945	947	946	926	887	847	810	780	771
15	962	959	941	893	847	833	824	833	847	893	941	959	962	919	850	763	685	636	630
20	977	967	926	855	791	773	766	773	791	855	926	967	977	903	783	648	553	496	489
25	989	971	907	825	749	724	718	724	749	825	907	971	989	882	689	519	435	398	395
30	1002	981	900	813	735	709	710	709	735	813	900	981	1002	835	579	410	368	374	378
35	1020	1005	914	816	746	732	736	732	746	816	914	1005	1020	772	464	345	361	388	397
40	1045	1050	957	857	807	802	813	802	807	857	957	1050	1045	701	362	322	360	395	407
45	1084	1132	1046	950	922	930	942	930	922	950	1046	1132	1084	608	288	303	346	379	391
50	1139	1280	1241	1133	1082	1053	1048	1053	1082	1133	1241	1280	1139	509	247	273	308	332	342
55	1158	1465	1508	1268	1028	907	859	907	1028	1268	1508	1465	1158	402	216	235	257	271	279
60	1021	1480	1502	1039	628	485	440	485	628	1039	1502	1480	1021	289	187	196	207	218	226
65	699	1168	1053	513	274	234	220	234	274	513	1053	1168	699	200	156	159	167	178	184
70	341	584	447	210	170	164	159	164	170	210	447	584	341	144	126	126	132	140	146
75	153	197	157	133	136	117	109	117	136	133	157	197	153	101	97.5	95.6	99.7	111	119
80	69.8	83.5	81.9	90.7	77.2	60.9	60.1	60.9	77.2	90.7	81.9	83.5	69.8	59.0	64.8	65.5	72.2	87.2	93.6
85	19.4	28.1	25.8	30.4	28.4	26.1	25.2	26.1	28.4	30.4	25.8	28.1	19.4	24.3	30.4	33.0	35.9	41.5	40.9
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:2019-12-06

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:1.058A P:226.8W PF:0.9784 Freq:49.99Hz Lamp Flux:29335.2x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:7.3KG
SPEC.:AOK-230Wot-NV-L3-00-5070-T301-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	926	926	926	926	926														
5	879	892	904	914	922														
10	780	810	847	887	926														
15	636	685	763	850	919														
20	496	553	648	783	903														
25	398	435	519	689	882														
30	374	368	410	579	835														
35	388	361	345	464	772														
40	395	360	322	362	701														
45	379	346	303	288	608														
50	332	308	273	247	509														
55	271	257	235	216	402														
60	218	207	196	187	289														
65	178	167	159	156	200														
70	140	132	126	126	144														
75	111	99.7	95.6	97.5	101														
80	87.2	72.2	65.5	64.8	59.0														
85	41.5	35.9	33.0	30.4	24.3														
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:2019-12-06

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: