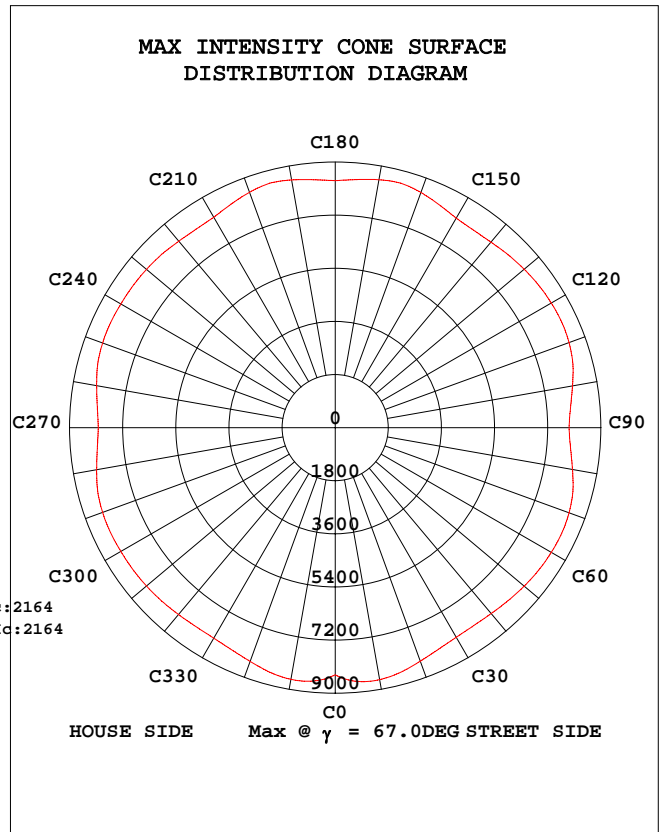
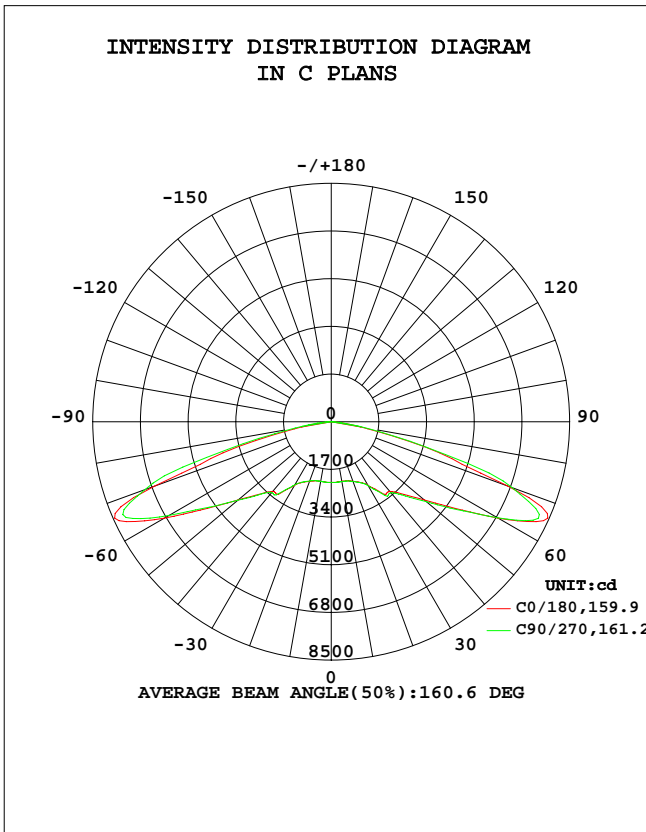


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 169.72 lm/W			
MODEL	5050	I <sub>max</sub> (cd)	8580	η street_up(%)	0.0
NOMINAL POWER(W)	145	LOR(%)	100.0	η street_down(%)	50.1
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	24335	η house_up(%)	0.0
NOMINAL FLUX(lm)	24334.8	MAXIMUM @(C,γ )	165,67.0	η house_down(%)	49.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.755

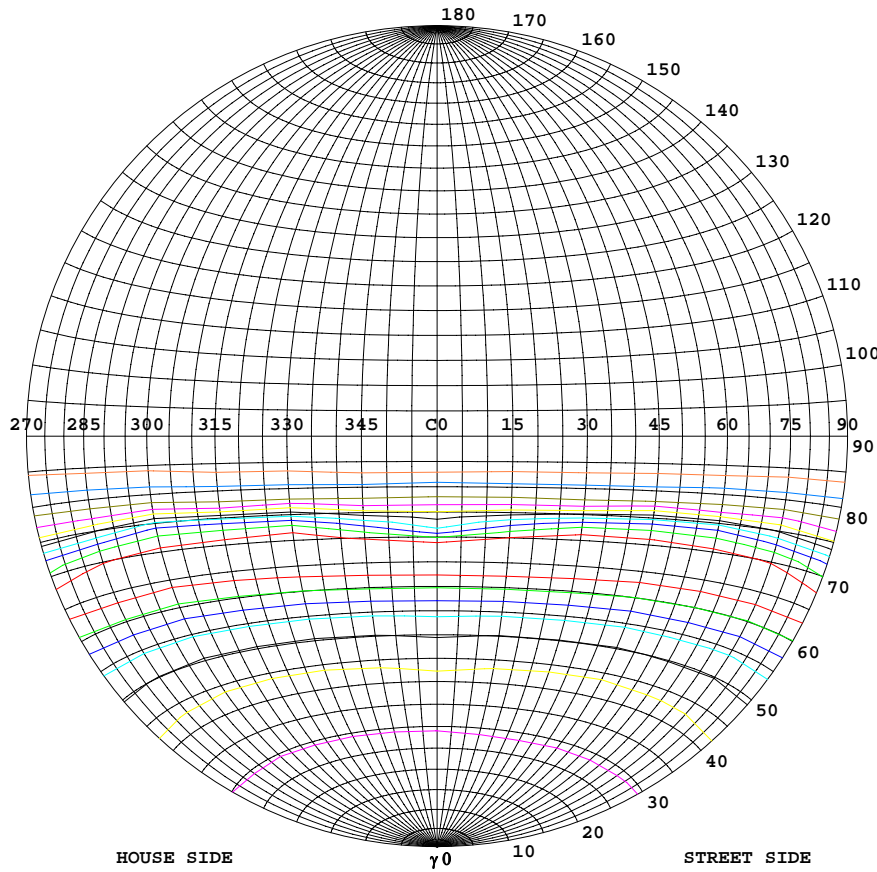


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2019-09-02

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:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



**Classification:**

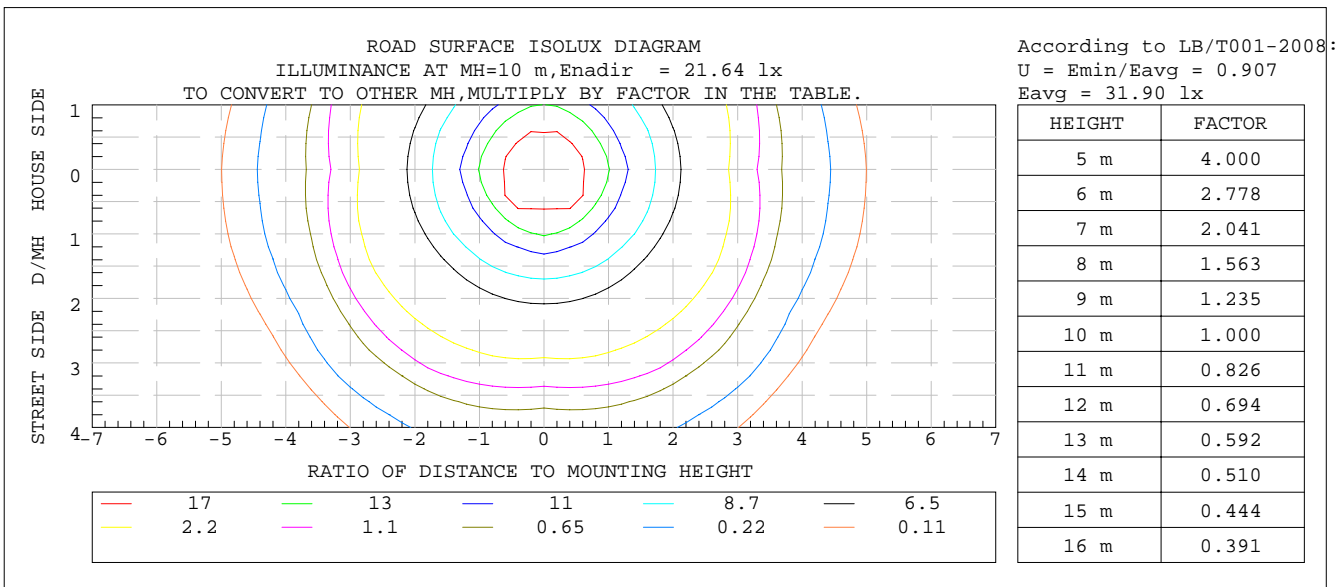
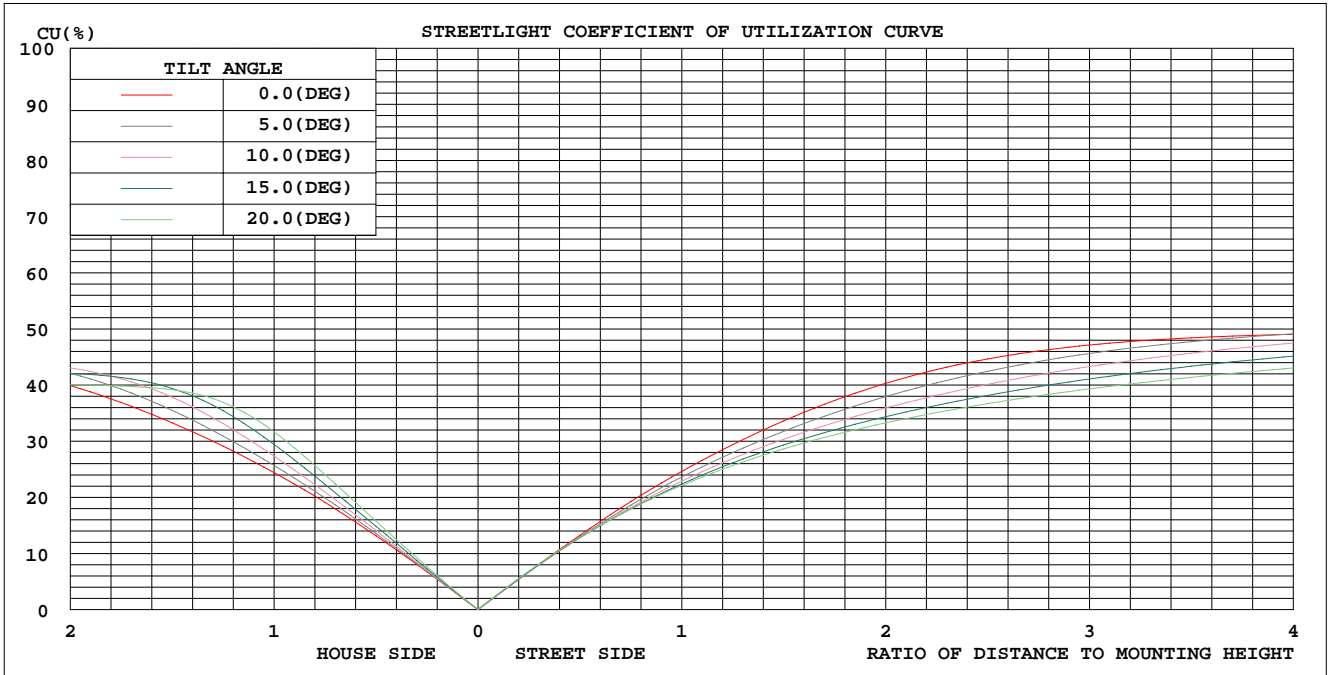
IES:Type V - Medium  
 CIE:Broad - Intermediate  
 IES:Full cut-off  
 CIE:Semi-cut-off  
 Max.At80:53.62cd/klm  
 Max.At90:0cd/klm  
 Max.80-90:53.62cd/klm  
 NRB 5101:Limited[3.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8580
90%	7722
80%	6864
70%	6006
60%	5148
50%	4290
40%	3432
30%	2574
20%	1716
10%	858
5%	429

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:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

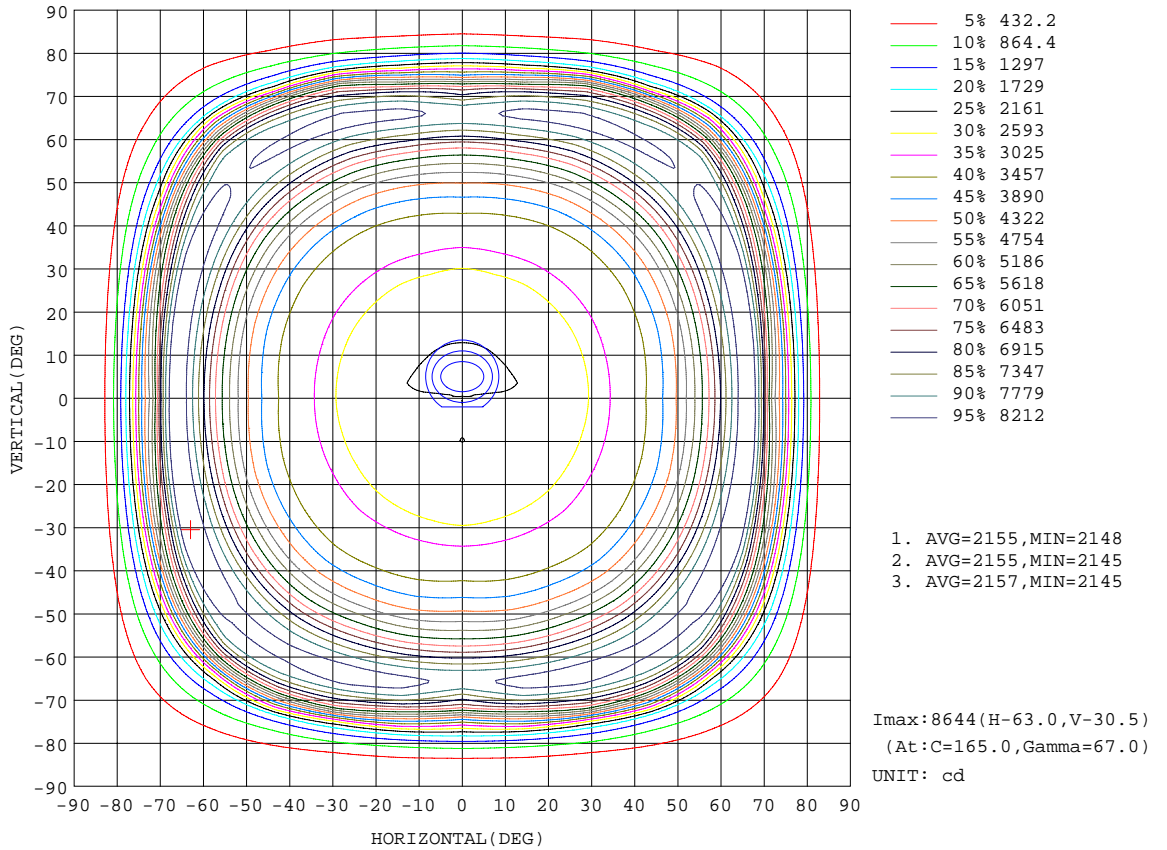
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	2159	2163	2166	2163	2159	2156	2160	2156	0- 10	206.5	206.5	0.85,0.85
20	2263	2302	2267	2302	2263	2295	2248	2295	10- 20	626.9	833.4	3.42,3.42
30	2610	2642	2632	2642	2610	2624	2589	2624	20- 30	1128	1962	8.06,8.06
40	3244	3164	3308	3164	3244	3174	3294	3174	30- 40	1907	3868	15.9,15.9
50	4343	4240	4446	4240	4343	4241	4355	4241	40- 50	2845	6714	27.6,27.6
60	6874	6837	6846	6837	6874	6818	6682	6818	50- 60	4885	11598	47.7,47.7
70	6682	7961	6853	7961	6682	7985	7048	7985	60- 70	7830	19429	79.8,79.8
80	1070	1029	1193	1029	1070	1067	1305	1067	70- 80	4529	23958	98.4,98.4
90	0	0	0	0	0	0	0	0	80- 90	377.2	24335	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24335	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24335	100,100
120	0	0	0	0	0	0	0	0	110-120	0	24335	100,100
130	0	0	0	0	0	0	0	0	120-130	0	24335	100,100
140	0	0	0	0	0	0	0	0	130-140	0	24335	100,100
150	0	0	0	0	0	0	0	0	140-150	0	24335	100,100
160	0	0	0	0	0	0	0	0	150-160	0	24335	100,100
170	0	0	0	0	0	0	0	0	160-170	0	24335	100,100
180	0	0	0	0	0	0	0	0	170-180	0	24335	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:2019-09-02

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

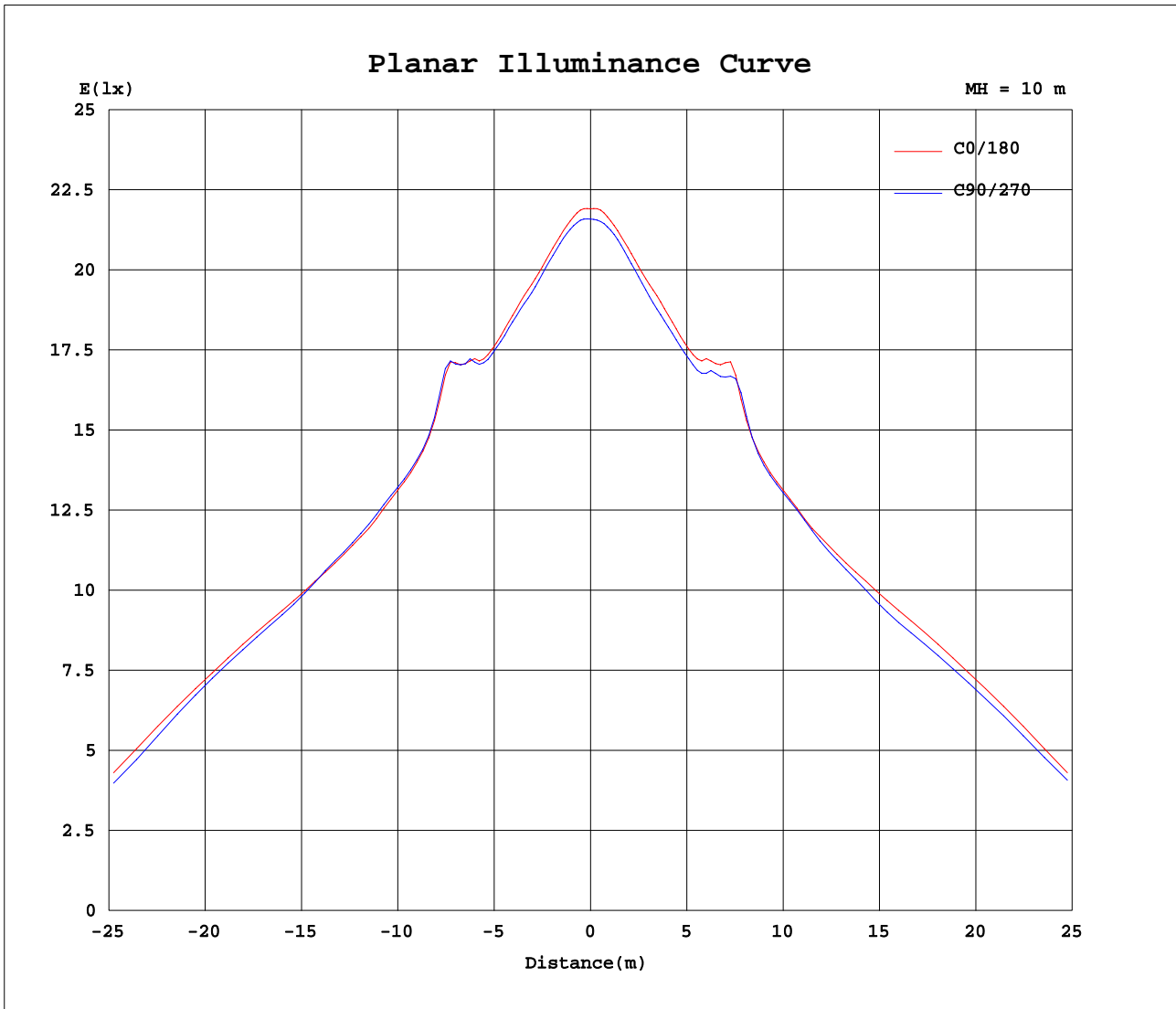
Test:U:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T502-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



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



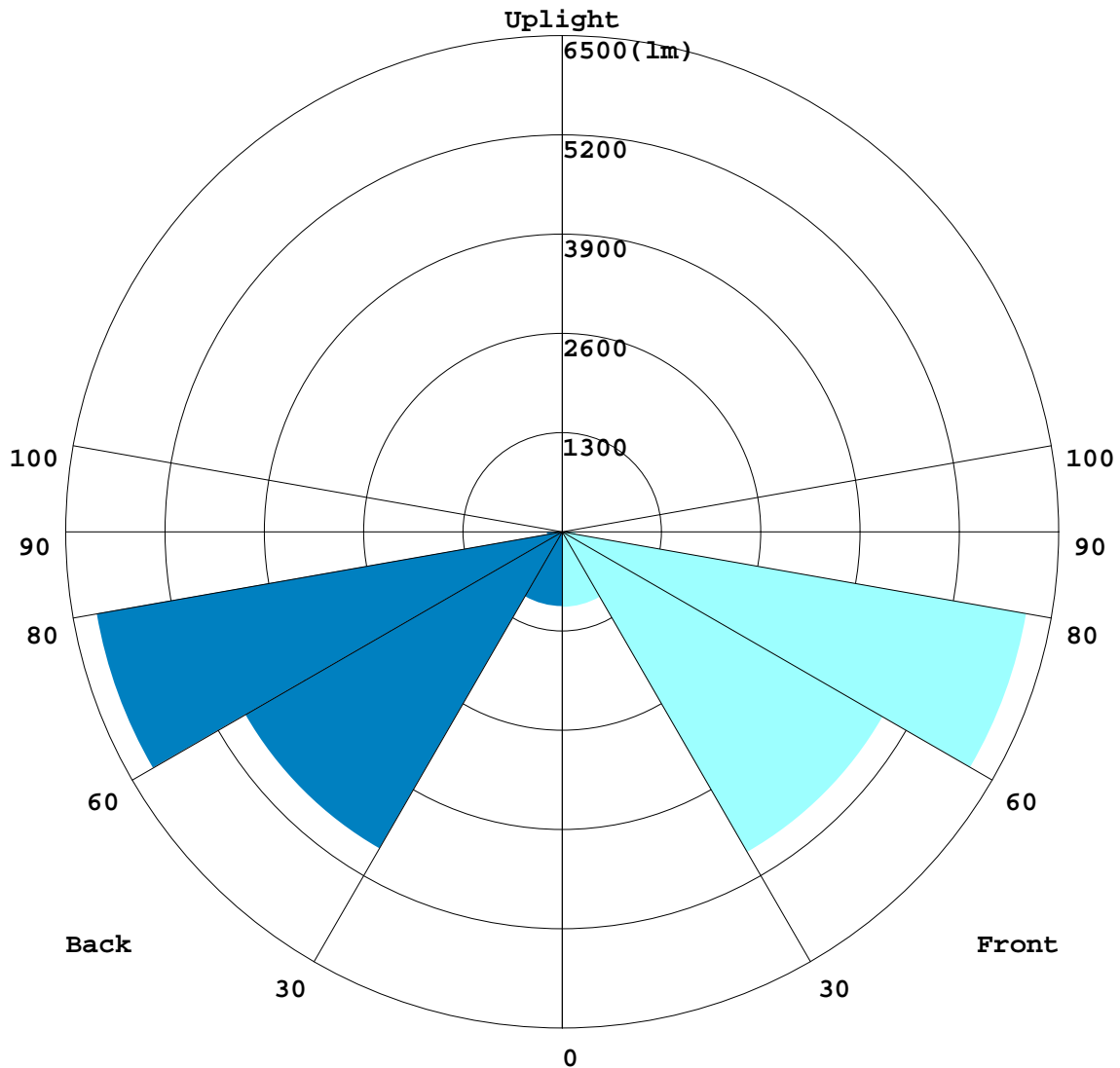
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2019-09-02

$\gamma$  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:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-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

$\gamma$  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:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-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)	986.29	4.1
FM - Front-Medium(30-60)	4846.5	19.9
FH - Front-High(60-80)	6172.1	25.4
FVH - Front-Very High(80-90)	176.78	0.7
Total Forward Light	12182	50.1

BL - Back-Low(0-30)	975.22	4.0
BM - Back-Medium(30-60)	4790.2	19.7
BH - Back-High(60-80)	6187.3	25.4
BVH - Back-Very High(80-90)	200.44	0.8
Total Back Light	12153	49.9

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12153	0	12153
Street Side	12182	0	12182

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

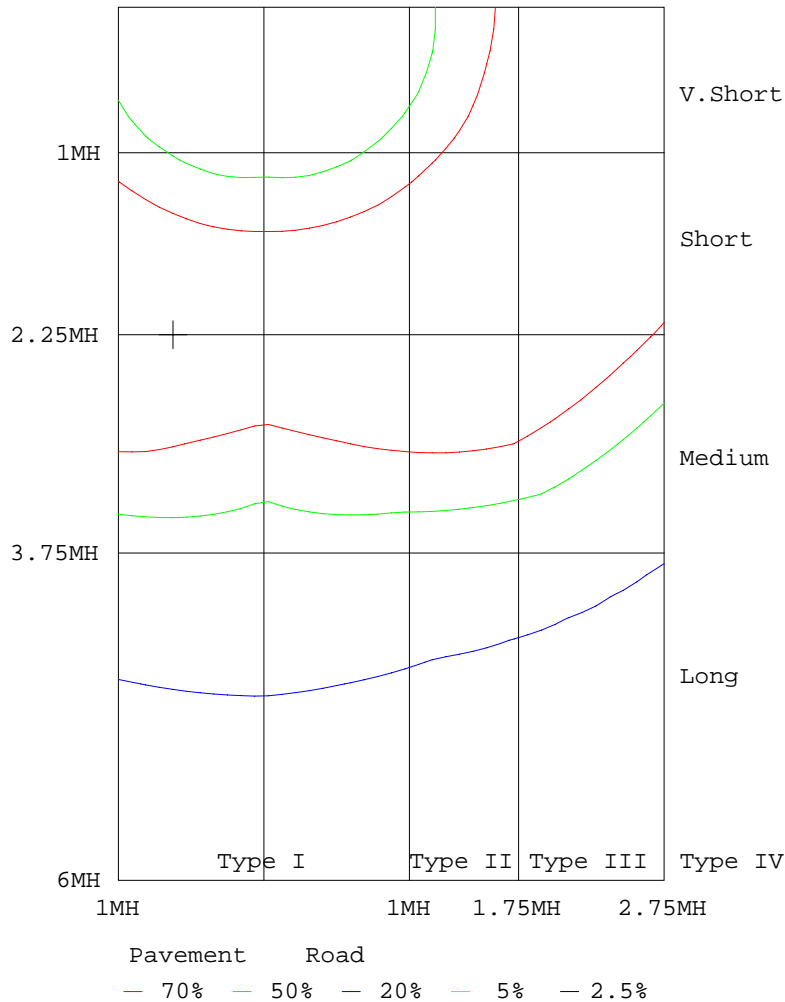
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.801m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T502-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

$\gamma$  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:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145Wot-NV-L5-00-5070-T502-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	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164	2164
5	2165	2167	2167	2168	2167	2168	2168	2168	2167	2168	2167	2167	2165	2165	2165	2164	2165	2165	2164
10	2159	2162	2164	2163	2163	2165	2166	2165	2163	2163	2164	2162	2159	2159	2159	2156	2156	2158	2160
15	2184	2190	2206	2218	2212	2194	2189	2194	2212	2218	2206	2190	2184	2188	2199	2208	2195	2183	2179
20	2263	2273	2299	2302	2303	2280	2267	2280	2303	2302	2299	2273	2263	2272	2290	2295	2282	2261	2248
25	2380	2407	2440	2423	2441	2416	2392	2416	2441	2423	2440	2407	2380	2411	2432	2414	2414	2395	2371
30	2610	2638	2649	2642	2651	2655	2632	2655	2651	2642	2649	2638	2610	2644	2629	2624	2616	2629	2589
35	3074	3081	3094	3067	3105	3113	3112	3113	3105	3067	3094	3081	3074	3106	3062	3054	3050	3075	3038
40	3244	3204	3168	3164	3202	3258	3308	3258	3202	3164	3168	3204	3244	3241	3187	3174	3192	3241	3294
45	3668	3591	3574	3565	3634	3661	3748	3661	3634	3565	3574	3591	3668	3626	3578	3572	3589	3646	3698
50	4343	4233	4244	4240	4322	4327	4446	4327	4322	4240	4244	4233	4343	4281	4242	4241	4234	4285	4355
55	5388	5329	5343	5322	5406	5381	5451	5381	5406	5322	5343	5329	5388	5387	5323	5322	5272	5319	5319
60	6874	6916	6927	6837	6857	6829	6846	6829	6857	6837	6927	6916	6874	6997	6885	6818	6686	6777	6682
65	8348	8337	8142	8128	8213	8197	8150	8197	8213	8128	8142	8337	8348	8384	8148	8129	8086	8170	8072
70	6682	7673	8030	7961	7930	7661	6853	7661	7930	7961	8030	7673	6682	7638	8186	7985	8009	7681	7048
75	3414	3820	4391	4827	4858	4188	3528	4188	4858	4827	4391	3820	3414	3770	4805	4968	5328	4252	3828
80	1070	1007	999	1029	1143	1154	1193	1154	1143	1029	999	1007	1070	988	1025	1067	1194	1218	1305
85	205	230	220	251	236	262	255	262	236	251	220	230	205	203	271	270	335	345	373
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:219.2V I:0.6798A P:143.4W PF:0.9621 Freq:49.99Hz Lamp Flux:24334.8x1 lm		
NAME: AOK OT	TYPE:LED 球场灯	WEIGHT:4.8KG
SPEC.:AOK-145WoT-NV-L5-00-5070-T502-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	2164	2164	2164	2164	2164														
5	2165	2165	2164	2165	2165														
10	2158	2156	2156	2159	2159														
15	2183	2195	2208	2199	2188														
20	2261	2282	2295	2290	2272														
25	2395	2414	2414	2432	2411														
30	2629	2616	2624	2629	2644														
35	3075	3050	3054	3062	3106														
40	3241	3192	3174	3187	3241														
45	3646	3589	3572	3578	3626														
50	4285	4234	4241	4242	4281														
55	5319	5272	5322	5323	5387														
60	6777	6686	6818	6885	6997														
65	8170	8086	8129	8148	8384														
70	7681	8009	7985	8186	7638														
75	4252	5328	4968	4805	3770														
80	1218	1194	1067	1025	988														
85	345	335	270	271	203														
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: