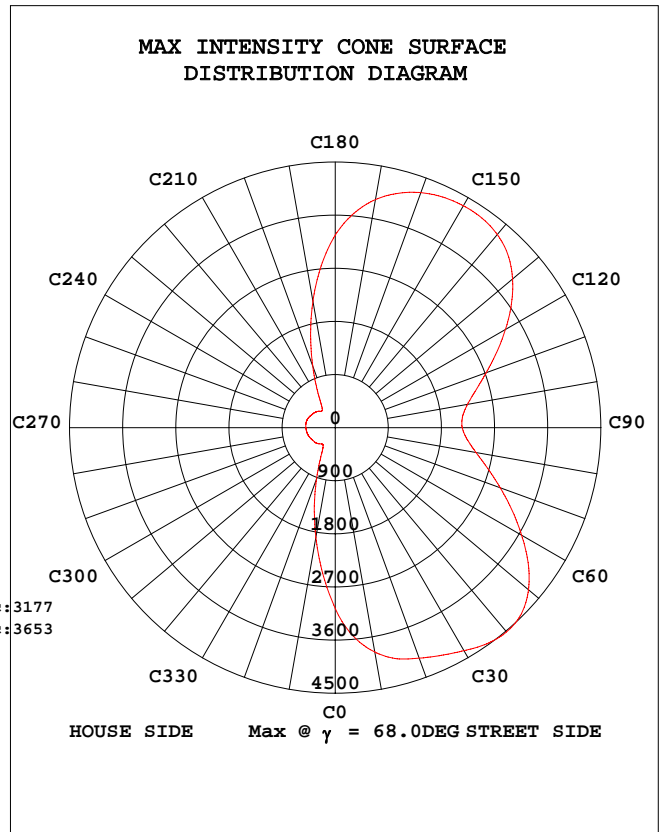
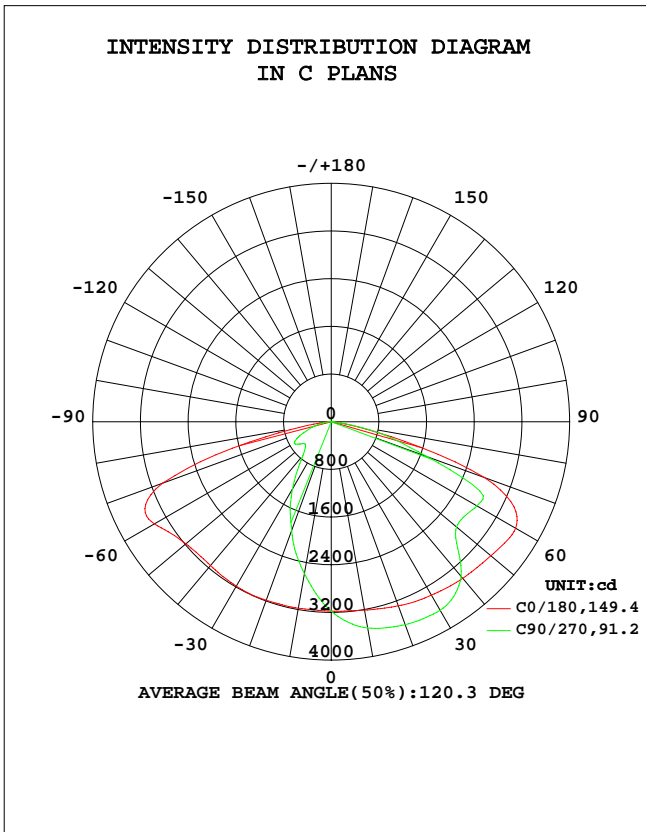


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.13 lm/W			
MODEL	5050	I _{max} (cd)	4459	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	71.7
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	12136	η house_up(%)	0.0
NOMINAL FLUX(lm)	12135.9	MAXIMUM @(C,γ)	45,68.0	η house_down(%)	28.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	19.895

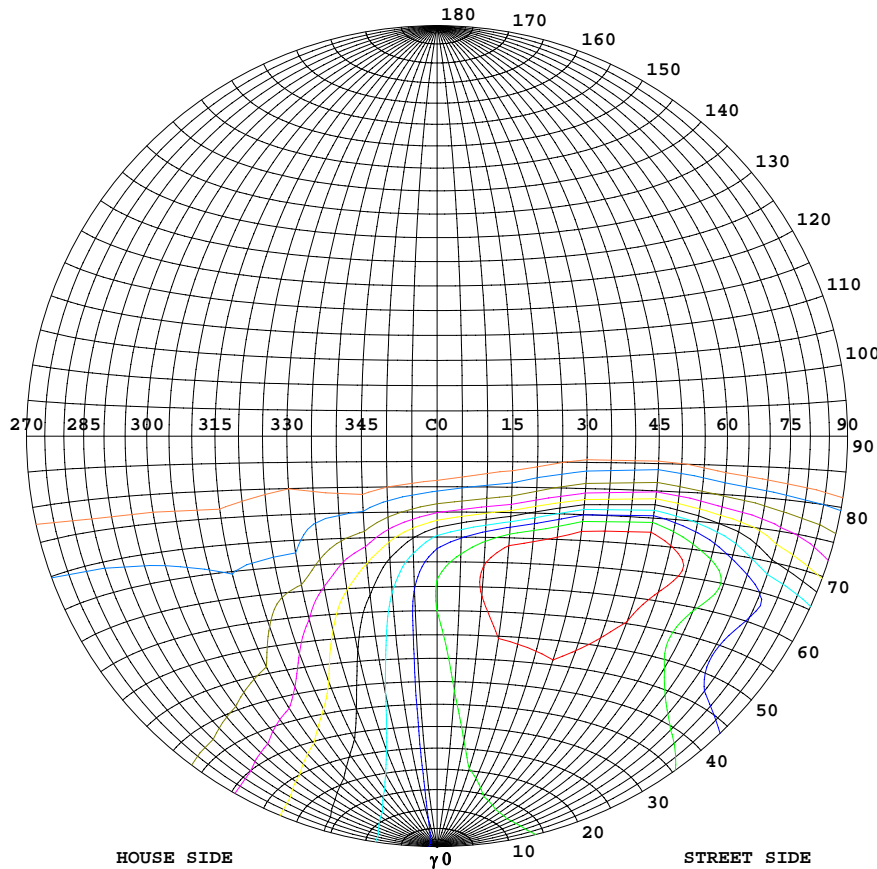


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



Classification:

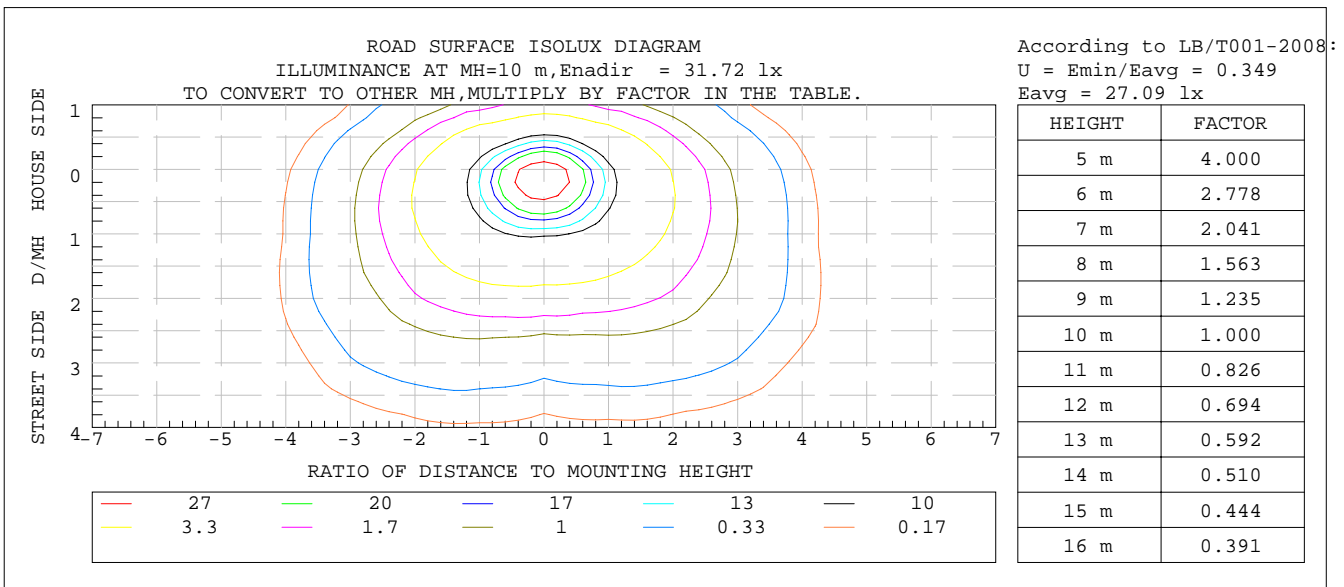
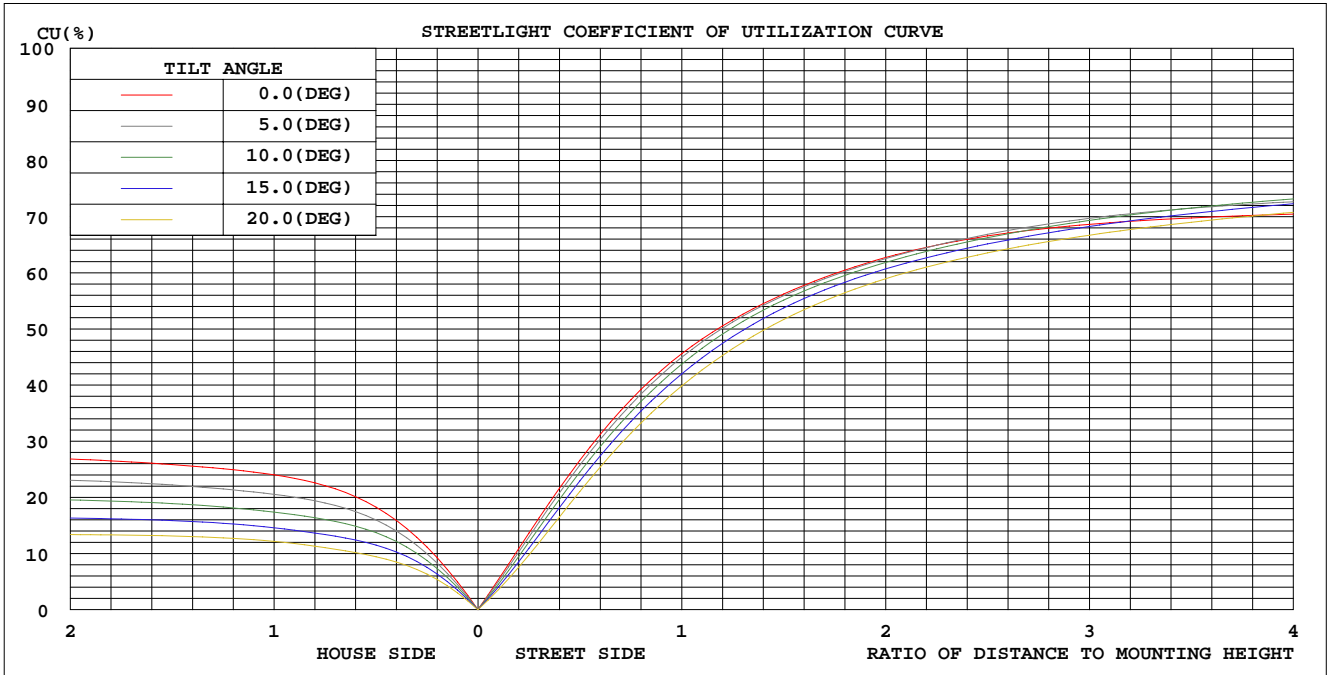
IES:Type IV - Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:118.5cd/klm
 Max.At90:0cd/klm
 Max.80-90:118.5cd/klm
 NRB 5101:Semi limited[21.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4459
90%	4014
80%	3568
70%	3122
60%	2676
50%	2230
40%	1784
30%	1338
20%	892
10%	446
5%	223

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [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: yanyonggeng
Test Date: 2024-2-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
Humidity: 65.0%
Test Distance: 7.682m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:

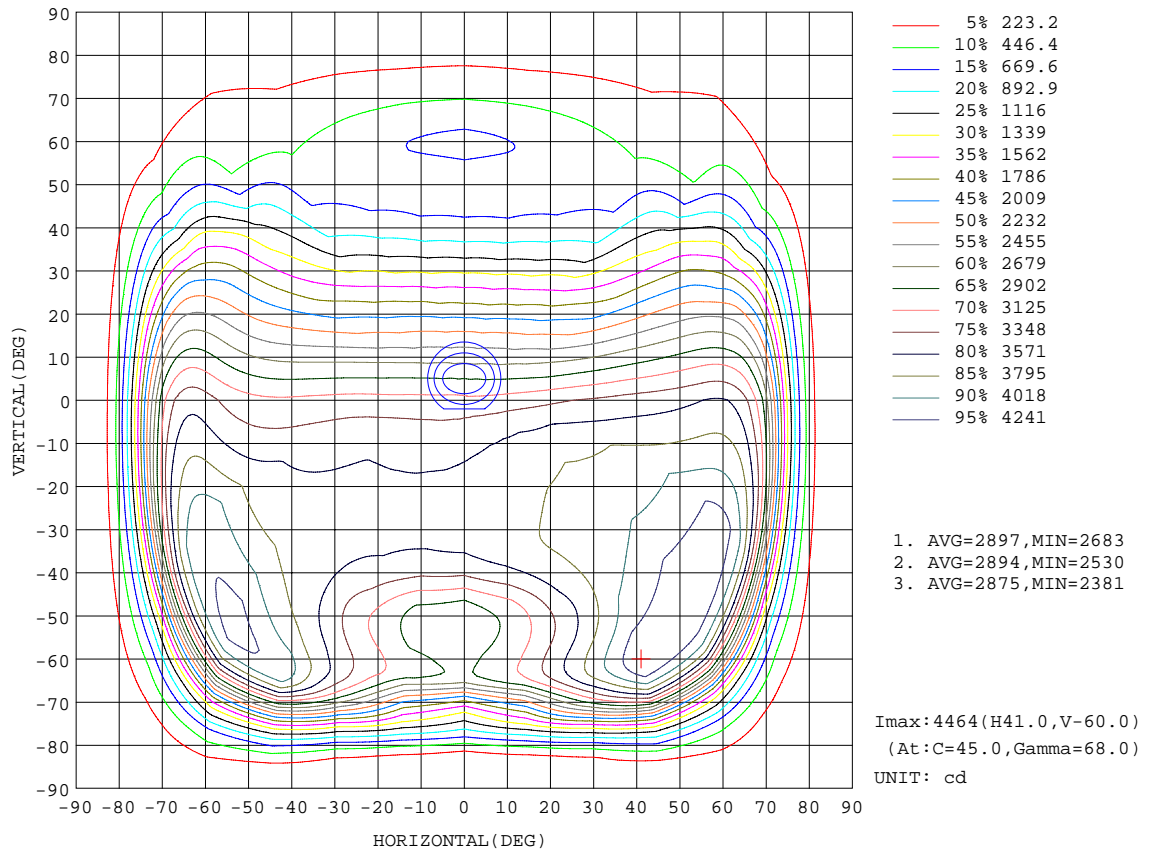
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3211	3489	3513	3443	3176	2762	2589	2760	0- 10	300.3	300.3	2.47,2.47
20	3288	3699	3623	3572	3187	2302	1945	2293	10- 20	865.6	1166	9.61,9.61
30	3360	3808	3653	3619	3185	1812	1305	1767	20- 30	1340	2506	20.7,20.7
40	3430	3878	3388	3641	3151	1268	741.0	1196	30- 40	1695	4201	34.6,34.6
50	3497	3944	2746	3664	3186	812.1	578.0	769.9	40- 50	1922	6123	50.5,50.5
60	3572	4126	2823	3759	3426	537.4	716.1	518.2	50- 60	2149	8273	68.2,68.2
70	2730	4371	1719	4202	3009	358.2	440.1	350.3	60- 70	2302	10574	87.1,87.1
80	342.6	1276	380.2	1390	543.1	166.0	160.2	157.1	70- 80	1385	11959	98.5,98.5
90	0	0	0	0	0	0	0	0	80- 90	176.8	12136	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12136	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12136	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12136	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12136	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12136	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12136	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12136	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12136	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12136	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

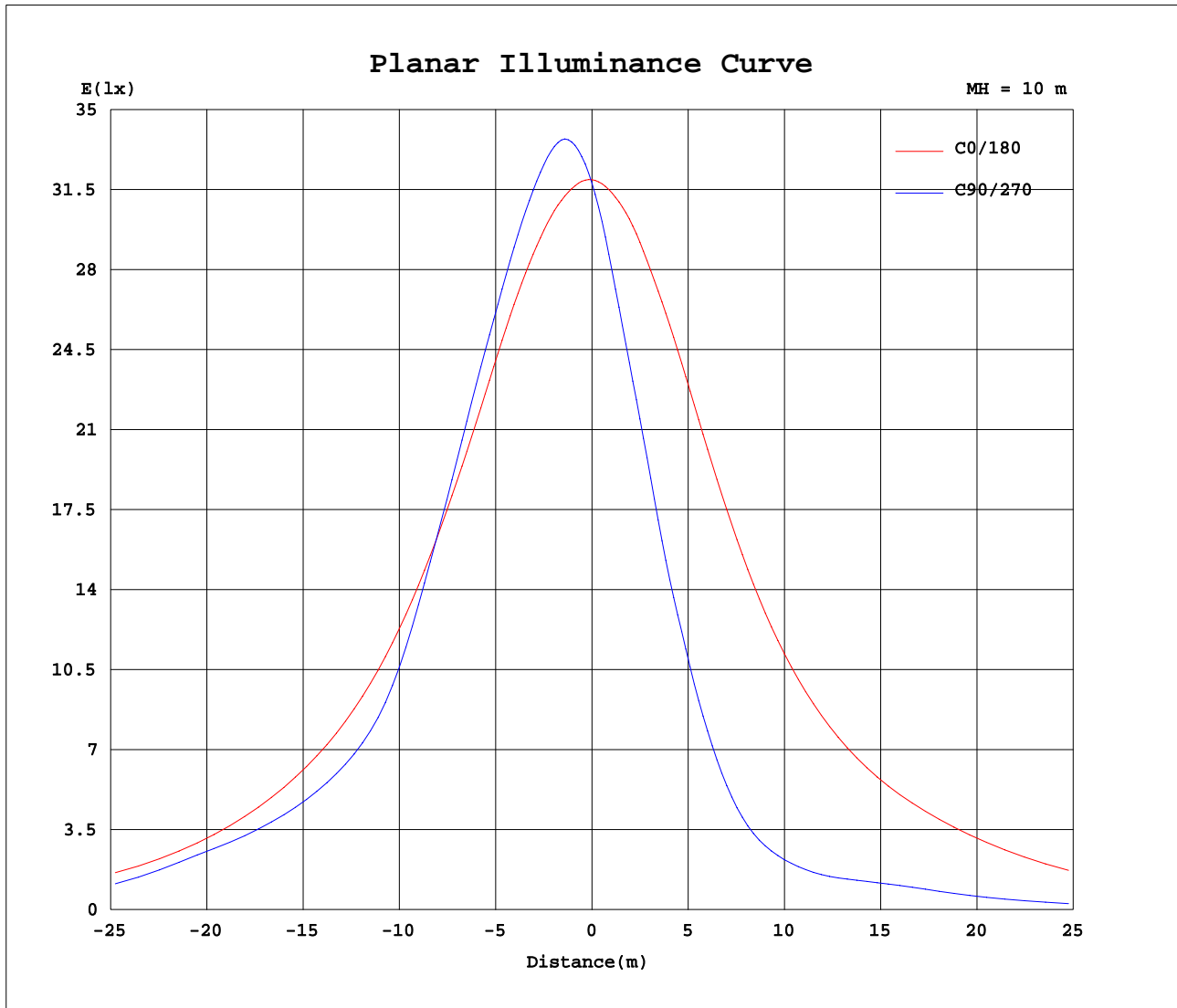
Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-P	DIM.: 585*270*56mm	SERIAL No.:
MFR.: AOK	SUR.:180*180mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity: 65.0%
 Test Distance: 7.682m [K=1.0000]
 Remarks:

Planar Illuminance Curve



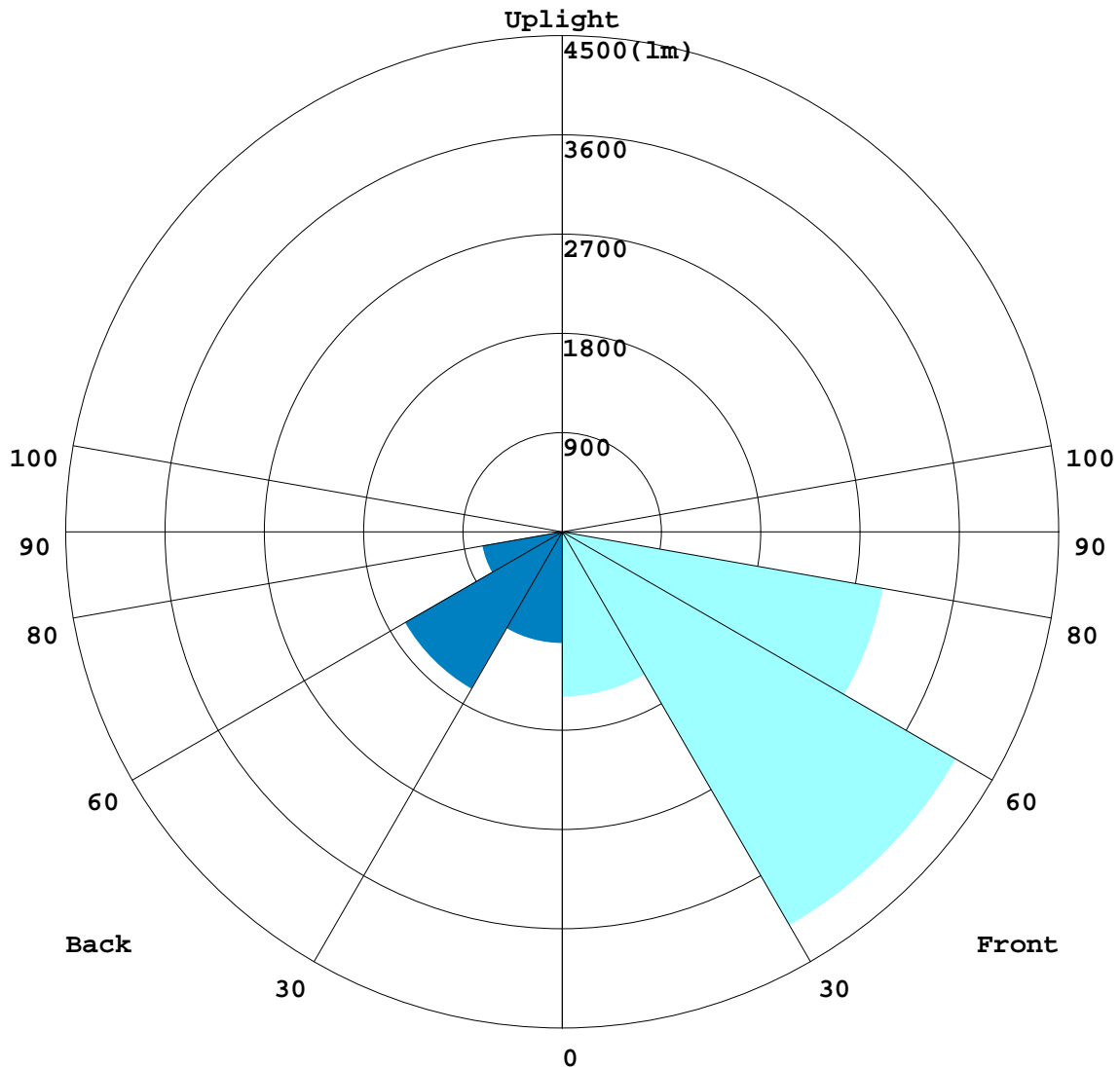
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: yanyonggeng
 Test Date: 2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity: 65.0%
 Test Distance: 7.682m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-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:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-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)	1495.3	12.3
FM - Front-Medium(30-60)	4121.7	34.0
FH - Front-High(60-80)	2952.6	24.3
FVH - Front-Very High(80-90)	136.28	1.1
Total Forward Light	8705.9	71.7

BL - Back-Low(0-30)	1010.9	8.3
BM - Back-Medium(30-60)	1644.8	13.6
BH - Back-High(60-80)	733.72	6.0
BVH - Back-Very High(80-90)	40.543	0.3
Total Back Light	3430	28.3

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3430	0	3430
Street Side	8705.9	0	8705.9

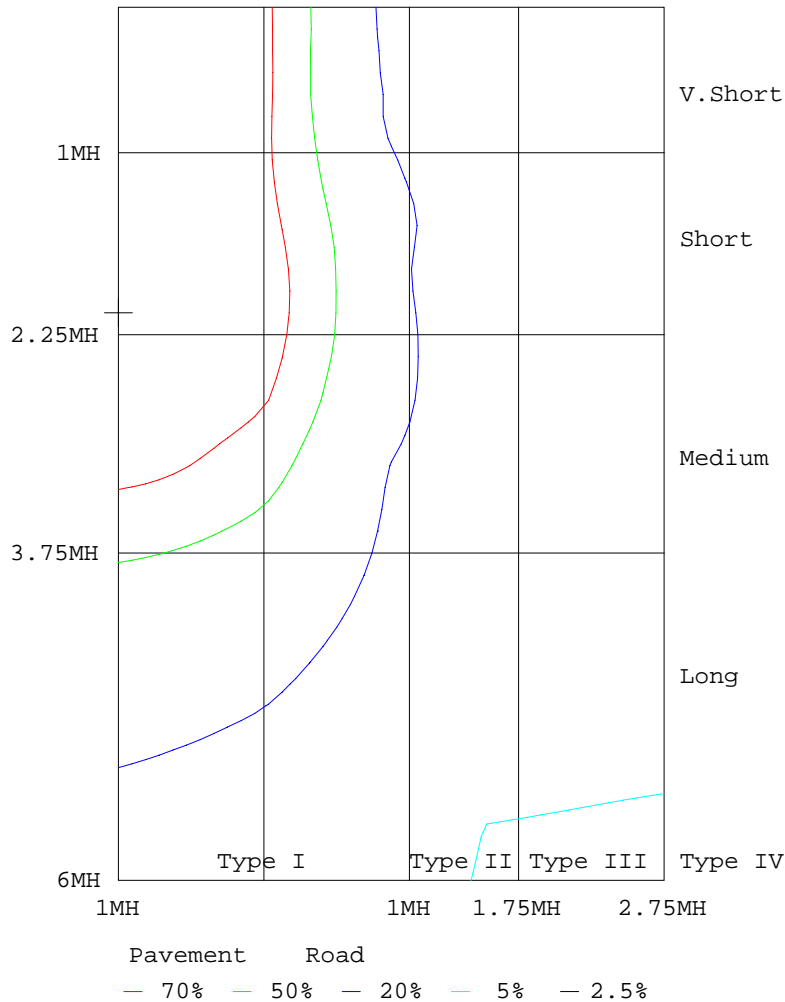
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-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:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-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	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177	3177
5	3187	3250	3301	3340	3366	3382	3381	3373	3351	3323	3280	3229	3170	3110	3048	2986	2942	2907	2900
10	3211	3339	3432	3489	3514	3522	3513	3504	3478	3443	3381	3293	3176	3042	2897	2762	2674	2603	2589
15	3244	3444	3567	3620	3621	3606	3578	3567	3548	3532	3473	3356	3180	2963	2736	2535	2403	2312	2288
20	3288	3545	3672	3699	3683	3662	3623	3604	3580	3572	3537	3416	3187	2878	2564	2302	2129	1991	1945
25	3330	3629	3751	3758	3722	3693	3646	3622	3599	3601	3578	3470	3195	2786	2379	2059	1834	1677	1634
30	3360	3704	3816	3808	3755	3707	3653	3625	3608	3619	3600	3502	3185	2690	2184	1812	1541	1355	1305
35	3396	3776	3874	3846	3779	3684	3581	3589	3614	3626	3618	3523	3169	2581	1988	1561	1229	1051	987
40	3430	3844	3929	3878	3757	3550	3388	3442	3577	3641	3642	3552	3151	2473	1805	1268	964	791	741
45	3460	3915	3986	3912	3664	3271	3000	3140	3460	3660	3677	3599	3149	2372	1637	1007	759	640	618
50	3497	4009	4067	3944	3523	3009	2746	2850	3273	3664	3738	3684	3186	2294	1481	812	625	577	578
55	3550	4127	4188	4001	3464	2996	2744	2840	3188	3682	3863	3842	3275	2251	1313	663	550	617	655
60	3572	4247	4329	4126	3582	3107	2823	2957	3292	3759	4054	4059	3426	2179	1105	537	558	675	716
65	3384	4262	4435	4358	3742	3112	2749	2938	3397	3954	4271	4220	3450	1926	710	449	523	588	611
70	2730	3732	4212	4371	3366	2295	1719	2108	3116	4202	4304	3927	3009	1307	402	358	405	431	440
75	1282	1920	3085	3297	2220	1448	1039	1356	2039	3248	3457	2445	1716	619	321	260	285	296	301
80	343	564	1123	1276	824	565	380	539	817	1390	1438	795	543	222	231	166	160	159	160
85	50.8	98.9	275	282	139	61.4	51.3	64.9	124	345	395	158	89.1	48.9	87.2	67.5	56.5	47.6	46.8
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:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.6V I:0.6400A P:76.26W PF:0.9963 Freq:60.01Hz Lamp Flux:12135.9x1 lm		
NAME: AoK oT	TYPE:LED STREET LIGHT	WEIGHT:4.8KG
SPEC.:AoK-75WoT-NVS-S5-00-4080-T402-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	3177	3177	3177	3177	3177														
5	2907	2942	2989	3053	3120														
10	2600	2668	2760	2899	3056														
15	2307	2397	2530	2738	2989														
20	1972	2106	2293	2564	2915														
25	1660	1792	2030	2373	2849														
30	1337	1499	1767	2180	2782														
35	1029	1188	1500	1996	2719														
40	774	924	1196	1832	2656														
45	632	728	947	1682	2584														
50	577	608	770	1516	2502														
55	623	551	628	1313	2383														
60	666	561	518	1009	2150														
65	574	506	440	581	1777														
70	420	387	350	377	1079														
75	286	272	254	339	467														
80	150	149	157	222	161														
85	41.6	49.1	59.9	77.3	45.4														
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:yanyonggeng
 Test Date:2024-2-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.363T
 Humidity:65.0%
 Test Distance:7.682m [K=1.0000]
 Remarks: