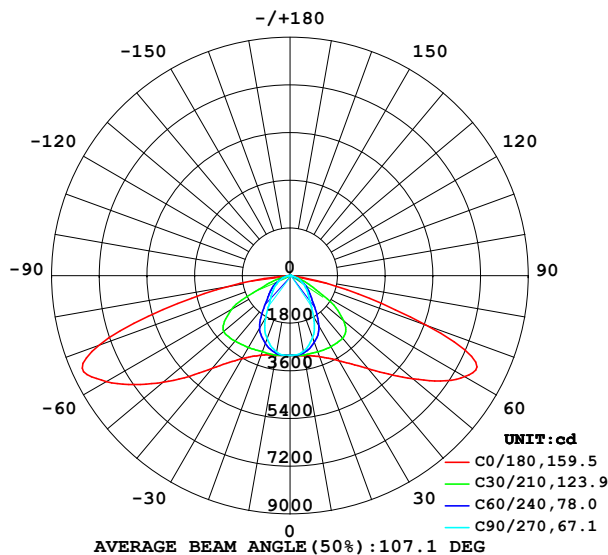


STREETLIGHT PHOTOMETRIC TEST REPORT

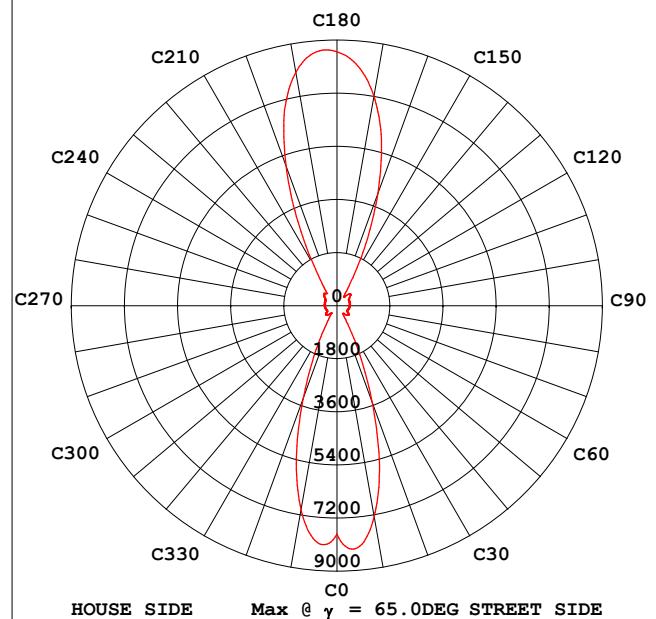
Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.97 lm/W			
NJZ-FEIMODEL-V01-RZ-T1-25-TG-P-GR		Imax(cd)	8599	η street_up(%)	0.2
NOMINAL POWER(W)	80	LOR(%)	100.0	η street_down(%)	48.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	11115	η house_up(%)	0.2
NOMINAL FLUX(lm)	11115.4	MAXIMUM @ (C, γ)	180,65.0	η house_down(%)	51.5
LAMPS INSIDE	1	η up(%)	0.4	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	99.6	SLI	21.000

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

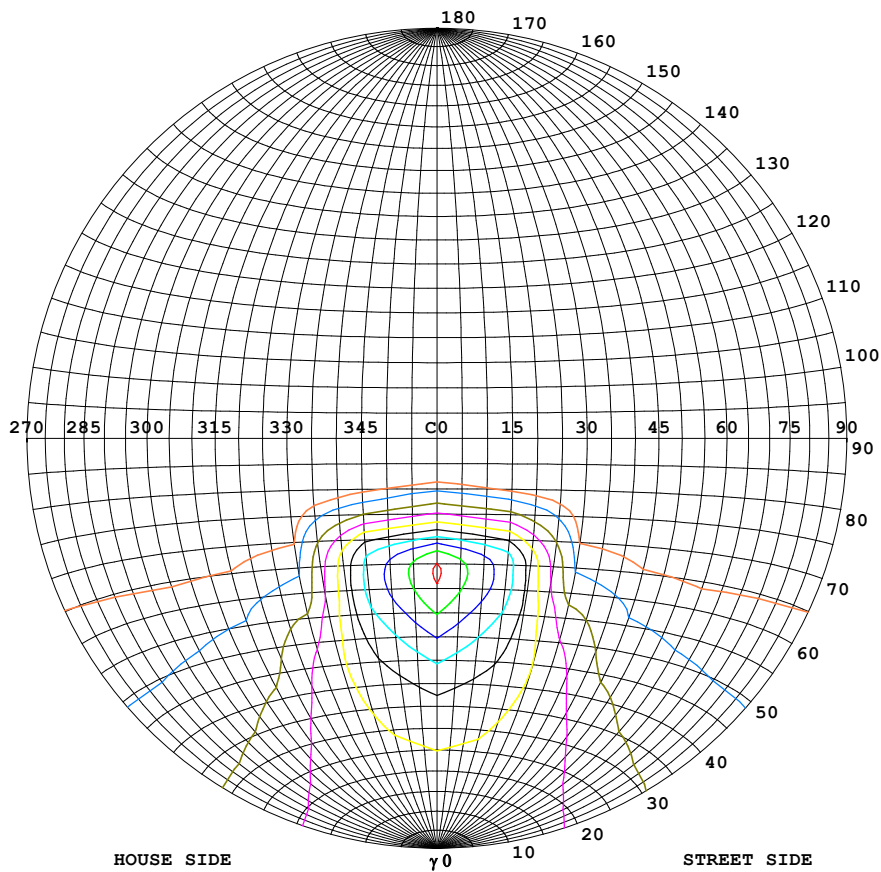


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



Classification:

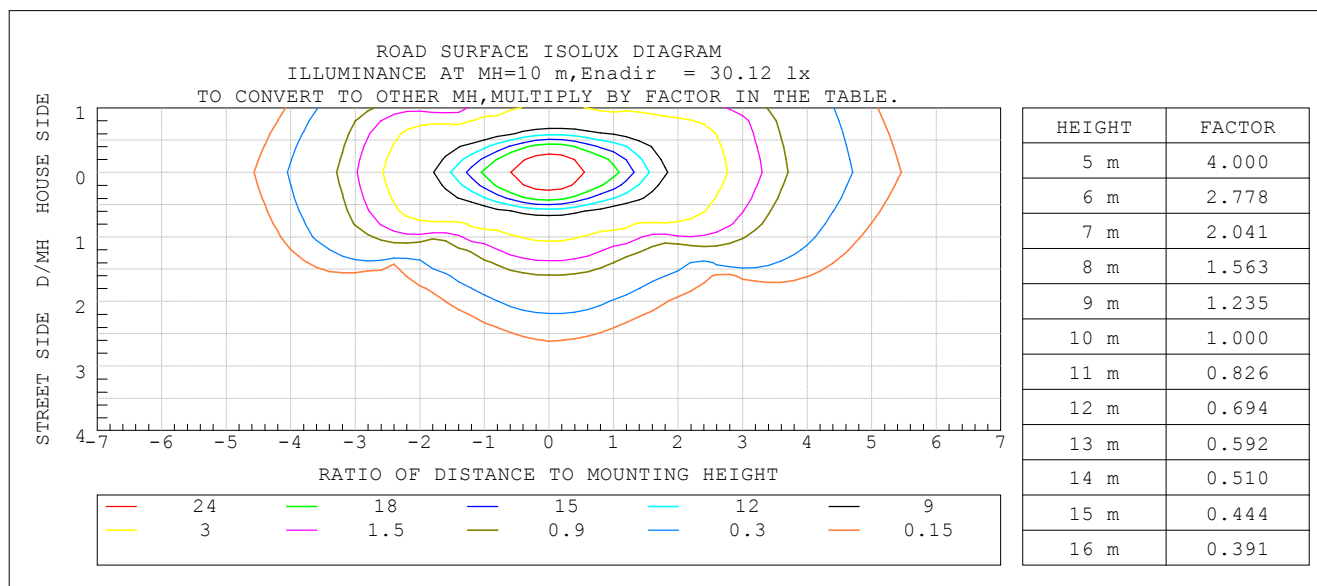
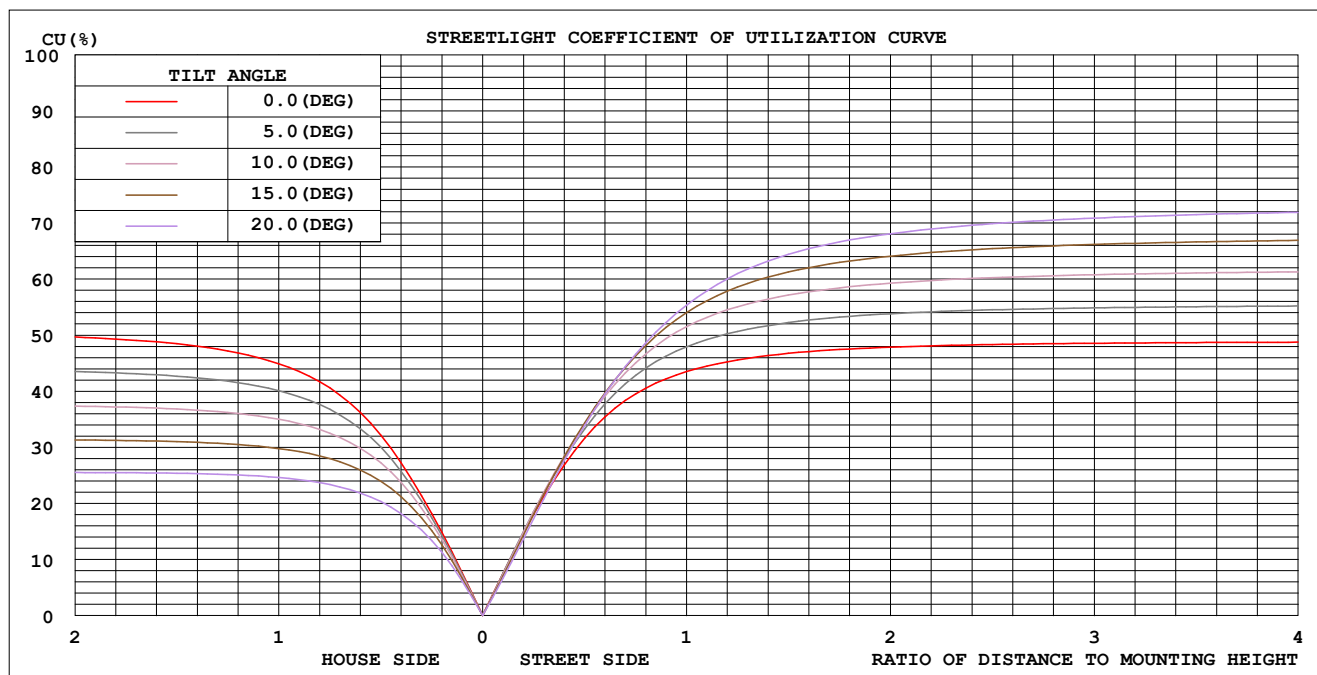
IES:Type I - Short
 CIE:Narrow - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:213.7cd/klm
 Max.At90:1.017cd/klm
 Max.80-90:213.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8599
90%	7739
80%	6879
70%	6019
60%	5159
50%	4299
40%	3440
30%	2580
20%	1720
10%	860
5%	430

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:11 August 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [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: YZY
 Test Date: 11 August 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 6.010m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

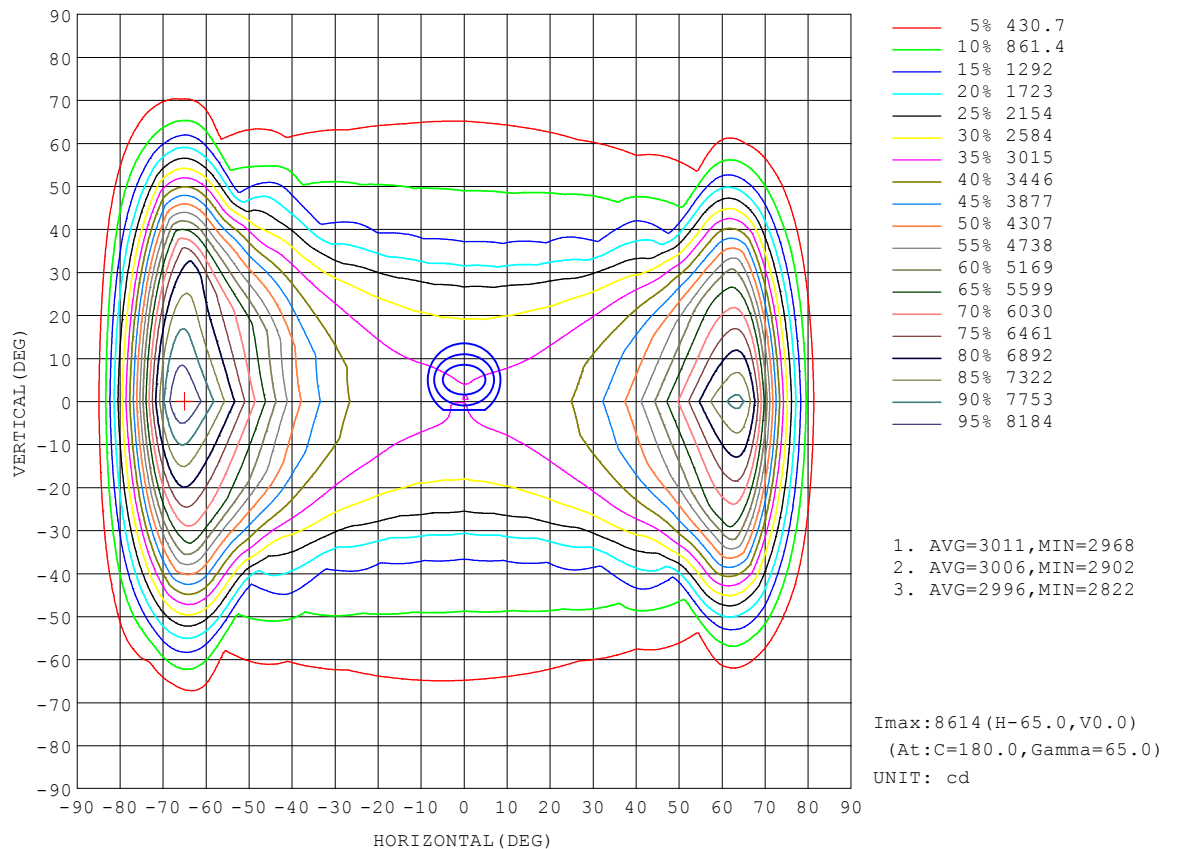
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3077	3008	2909	3003	3057	3025	2933	3013	0- 10	287.9	287.9	2.59,2.59
20	3259	2876	2494	2848	3202	2907	2540	2865	10- 20	832.3	1120	10.1,10.1
30	3713	2636	1779	2583	3623	2696	1859	2590	20- 30	1287	2407	21.7,21.7
40	4583	2024	1143	2001	4564	2271	1158	1936	30- 40	1599	4006	36,36
50	6066	1177	824.4	1228	6272	1356	828.5	1123	40- 50	1857	5863	52.7,52.7
60	7628	711.9	541.1	797.2	8009	839.9	545.1	701.5	50- 60	2087	7950	71.5,71.5
70	5463	287.7	309.6	368.6	7656	390.2	313.1	282.8	60- 70	2034	9983	89.8,89.8
80	699.8	55.47	61.91	103.3	2376	114.0	63.68	54.36	70- 80	1000	10984	98.8,98.8
90	8.636	0.8536	0.6528	2.663	11.30	2.608	0.4540	0.5659	80- 90	92.74	11076	99.6,99.6
100	10.86	1.744	0.8022	0.9526	7.992	0.9468	0.7466	1.278	90-100	2.747	11079	99.7,99.7
110	14.27	3.833	1.443	2.311	11.55	2.358	1.363	2.921	100-110	4.416	11084	99.7,99.7
120	16.34	6.049	2.302	4.275	13.81	4.320	2.190	4.937	110-120	5.968	11090	99.8,99.8
130	15.42	7.784	3.510	6.148	14.23	6.151	3.293	6.718	120-130	6.700	11096	99.8,99.8
140	12.55	8.763	5.112	7.368	12.18	7.223	4.771	7.918	130-140	6.268	11103	99.9,99.9
150	10.71	9.200	6.825	7.895	10.66	7.644	6.441	8.617	140-150	5.238	11108	99.9,99.9
160	10.12	9.509	8.286	8.570	10.17	8.360	7.932	9.167	150-160	4.041	11112	100,100
170	10.08	9.999	9.615	9.650	10.22	9.530	9.374	9.828	160-170	2.648	11114	100,100
180	10.39	10.38	10.42	10.33	10.40	10.37	10.42	10.32	170-180	0.9583	11115	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

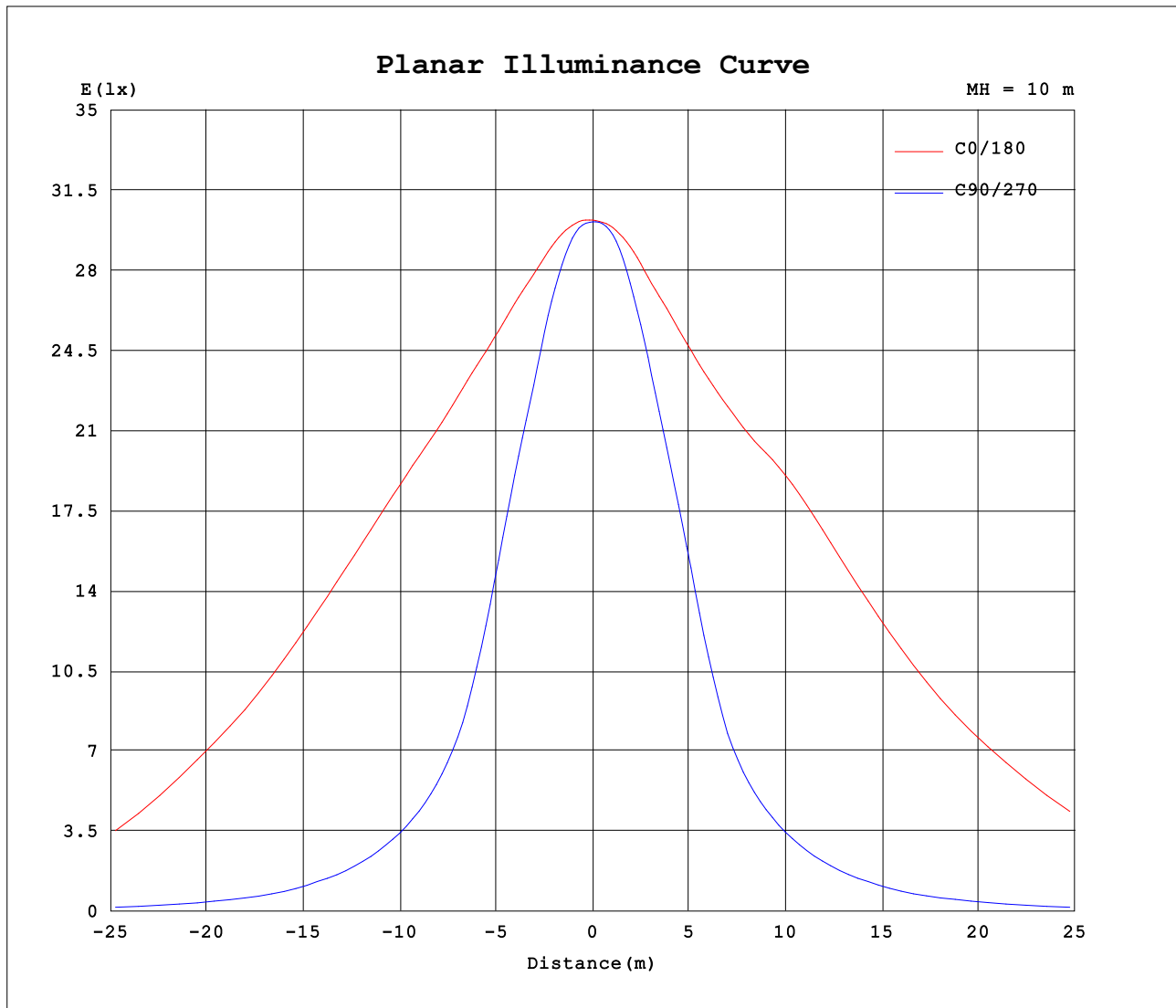
Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

Planar Illuminance Curve



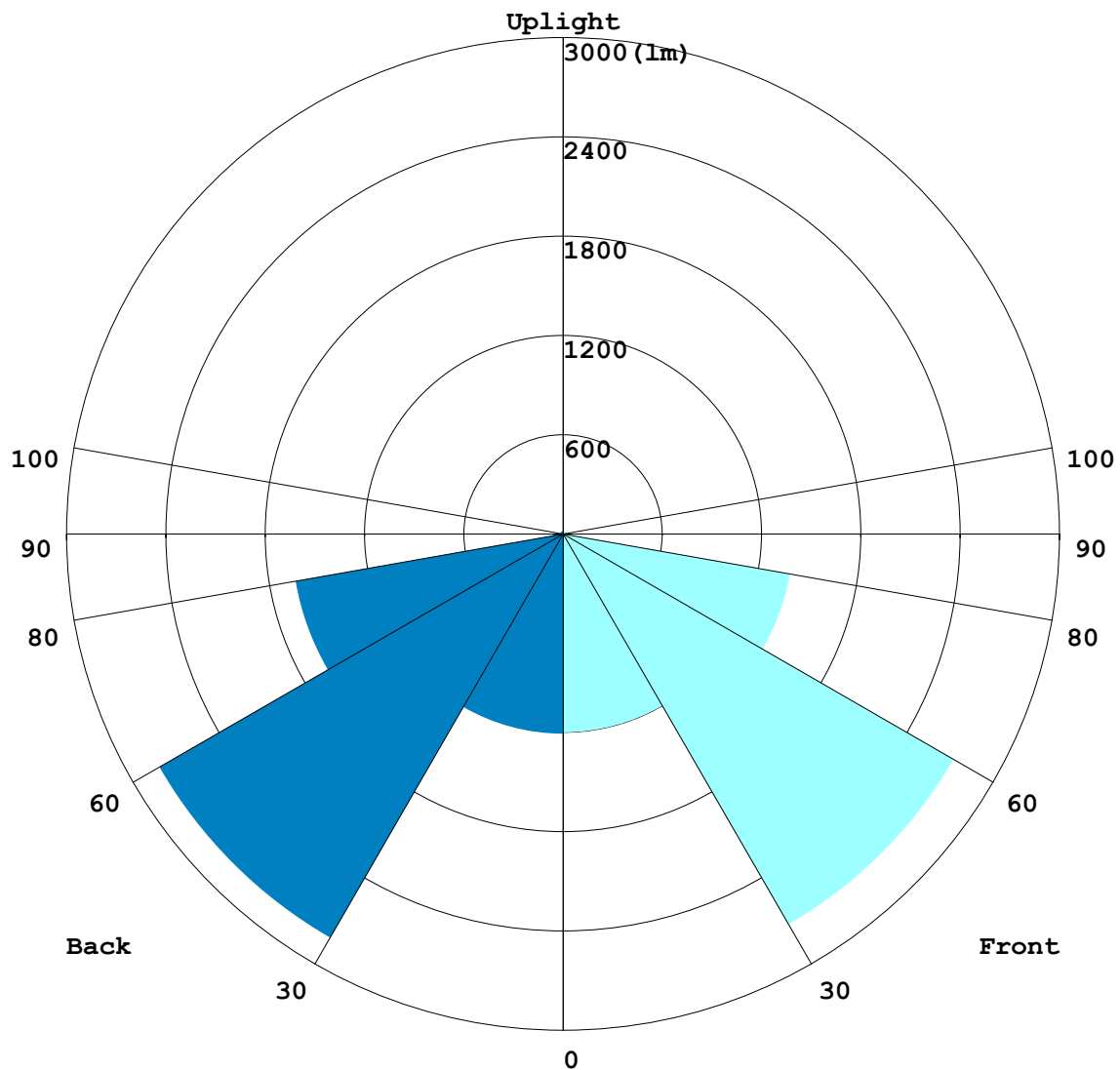
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YZY
 Test Date: 11 August 2021

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 6.010m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1199.2	10.8
FM - Front-Medium(30-60)	2725.4	24.5
FH - Front-High(60-80)	1392.6	12.5
FVH - Front-Very High(80-90)	29.853	0.3
Total Forward Light	5367.3	48.3

BL - Back-Low(0-30)	1208.3	10.9
BM - Back-Medium(30-60)	2816.8	25.3
BH - Back-High(60-80)	1641.3	14.8
BVH - Back-Very High(80-90)	62.892	0.6
Total Back Light	5748.1	51.7

UL - Uplight-Low(90-100)	2.7467	0.0
UH - Uplight-High(100-180)	36.237	0.3
Total Up Light	38.984	0.4

BUG(Back,Up,Glare) Rating	B3-U2-G3
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5729.3	18.748	5748.1
Street Side	5347.1	20.236	5367.3

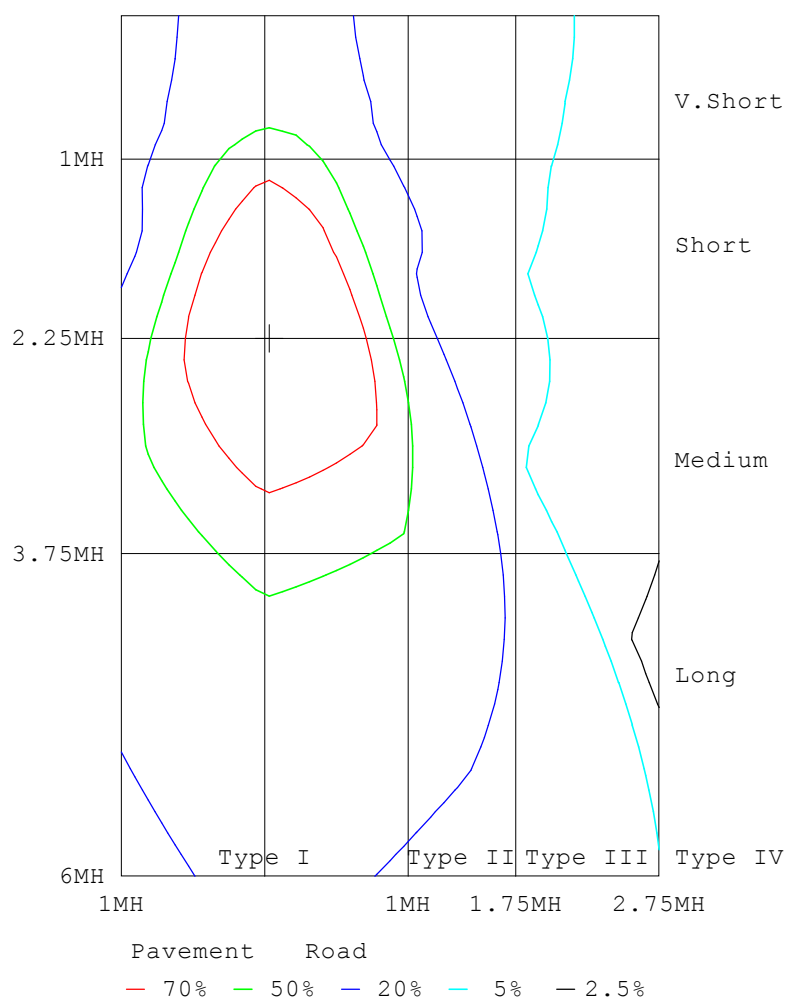
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:11 August 2021

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

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	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015	3015
5	3036	3035	3032	3025	3016	3008	3002	3005	3011	3017	3022	3024	3026	3028	3027	3024	3020	3015	3013
10	3077	3066	3044	3008	2965	2930	2909	2924	2959	3003	3036	3051	3057	3060	3049	3025	2986	2946	2933
15	3139	3113	3050	2959	2853	2771	2727	2761	2841	2944	3034	3084	3102	3103	3061	2975	2881	2802	2771
20	3259	3200	3064	2876	2678	2552	2494	2539	2651	2848	3028	3154	3202	3184	3062	2907	2728	2590	2540
25	3443	3338	3085	2763	2489	2287	2195	2276	2455	2717	3038	3277	3371	3322	3093	2809	2544	2354	2270
30	3713	3519	3097	2636	2185	1890	1779	1883	2156	2583	3031	3445	3623	3518	3139	2696	2314	1985	1859
35	4084	3749	3098	2408	1774	1480	1385	1479	1761	2359	3025	3683	4008	3807	3184	2551	1936	1542	1418
40	4583	4017	3087	2024	1374	1196	1143	1198	1379	2001	3009	3991	4564	4209	3233	2271	1508	1230	1158
45	5259	4344	2976	1568	1124	1006	972	1013	1141	1586	2924	4437	5382	4790	3279	1845	1203	1038	982
50	6066	4705	2636	1177	937	850	824	861	964	1228	2649	4942	6272	5413	3273	1356	1006	876	829
55	6933	5129	2122	928	772	706	694	722	808	1001	2198	5363	7175	5897	3024	1071	839	732	691
60	7628	5567	1275	712	586	545	541	567	649	797	1466	5726	8009	6359	2566	840	679	573	545
65	7742	5590	792	462	393	405	427	443	455	582	993	5849	8599	6872	1556	612	471	440	434
70	5463	4214	414	288	259	266	310	295	305	369	621	5197	7656	6531	842	390	322	296	313
75	2670	1933	191	156	151	152	161	169	189	224	303	3141	4966	4326	387	239	200	174	171
80	700	348	69.6	55.5	55.1	58.6	61.9	70.7	85.8	103	143	982	2376	1541	174	114	92.8	75.3	63.7
85	43.1	19.6	9.37	8.99	8.62	9.62	10.7	15.9	21.7	29.6	40.2	124	416	164	48.2	31.7	24.5	16.9	11.9
90	8.64	6.22	2.42	0.85	0.71	0.65	0.65	0.75	1.29	2.66	4.47	10.8	11.3	8.93	4.93	2.61	1.51	0.64	0.45
95	8.46	6.94	3.56	1.08	0.70	0.64	0.60	0.60	0.62	0.72	1.99	4.92	6.16	4.41	1.78	0.61	0.52	0.52	0.54
100	10.9	9.23	5.18	1.74	0.95	0.85	0.80	0.77	0.78	0.95	3.05	6.42	7.99	6.15	2.93	0.95	0.74	0.73	0.75
105	12.8	11.2	6.93	2.71	1.34	1.17	1.09	1.07	1.11	1.52	4.43	8.32	10.0	8.08	4.32	1.55	1.05	1.02	1.03
110	14.3	12.6	8.60	3.83	1.82	1.54	1.44	1.42	1.52	2.31	5.87	9.82	11.5	9.63	5.78	2.36	1.45	1.37	1.36
115	15.5	13.9	10.0	4.97	2.44	1.97	1.85	1.83	2.01	3.26	7.25	11.0	12.7	10.9	7.18	3.32	1.94	1.77	1.75
120	16.3	14.9	11.2	6.05	3.21	2.48	2.30	2.30	2.65	4.28	8.42	11.9	13.8	11.9	8.34	4.32	2.56	2.23	2.19
125	16.4	15.3	11.8	7.00	4.07	3.09	2.85	2.87	3.42	5.26	9.13	12.3	14.5	12.3	9.07	5.29	3.31	2.79	2.69
130	15.4	15.0	12.0	7.78	4.97	3.82	3.51	3.58	4.28	6.15	9.30	12.0	14.2	12.0	9.21	6.15	4.14	3.45	3.29
135	14.0	14.1	11.8	8.37	5.83	4.64	4.28	4.37	5.14	6.87	9.20	11.3	13.3	11.3	9.06	6.80	4.97	4.21	4.00
140	12.6	12.9	11.4	8.76	6.64	5.50	5.11	5.22	5.97	7.37	9.00	10.6	12.2	10.5	8.82	7.22	5.77	5.01	4.77
145	11.4	11.8	10.9	9.02	7.34	6.34	5.97	6.07	6.70	7.67	8.77	10.0	11.2	9.91	8.56	7.46	6.46	5.81	5.60
150	10.7	11.1	10.5	9.20	7.96	7.15	6.83	6.88	7.29	7.89	8.68	9.71	10.7	9.64	8.51	7.64	7.01	6.59	6.44
155	10.3	10.6	10.2	9.34	8.50	7.89	7.61	7.59	7.78	8.16	8.81	9.66	10.3	9.59	8.67	7.92	7.47	7.26	7.23
160	10.1	10.3	10.0	9.51	8.97	8.54	8.29	8.20	8.28	8.57	9.09	9.71	10.2	9.65	8.97	8.36	7.99	7.88	7.93
165	10.1	10.2	10.0	9.74	9.40	9.12	8.94	8.86	8.90	9.10	9.44	9.85	10.2	9.82	9.35	8.92	8.64	8.56	8.61
170	10.1	10.2	10.1	10.00	9.84	9.70	9.62	9.55	9.55	9.65	9.79	9.98	10.2	10.0	9.78	9.53	9.37	9.32	9.37
175	10.2	10.3	10.3	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.1	10.2	10.3	10.3	10.2	10.1	10.0	10.0	10.1
180	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:YZY

Test Date:11 August 2021

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:6.010m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.01V I:0.6771A P:80.562W PF:0.9914 Freq:59.98Hz Lamp Flux:11115.4x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	3015	3015	3015	3015	3015														
5	3015	3022	3028	3033	3036														
10	2940	2975	3013	3049	3072														
15	2790	2861	2951	3044	3116														
20	2569	2696	2865	3040	3194														
25	2314	2491	2744	3048	3316														
30	1917	2203	2590	3051	3488														
35	1465	1770	2352	3032	3698														
40	1180	1342	1936	2984	3938														
45	997	1103	1442	2836	4251														
50	842	929	1123	2436	4621														
55	700	772	899	1875	5044														
60	545	597	702	1103	5414														
65	414	401	450	752	5356														
70	268	261	283	406	4110														
75	148	154	148	190	1736														
80	57.8	57.4	54.4	65.8	326														
85	9.05	8.86	7.86	8.75	12.6														
90	0.48	0.49	0.57	1.46	4.03														
95	0.56	0.61	0.78	2.52	5.75														
100	0.79	0.87	1.28	3.94	7.99														
105	1.09	1.21	2.01	5.49	9.98														
110	1.45	1.63	2.92	7.04	11.6														
115	1.86	2.15	3.93	8.44	12.8														
120	2.33	2.79	4.94	9.55	13.9														
125	2.88	3.54	5.88	10.3	14.4														
130	3.54	4.36	6.72	10.7	14.3														
135	4.30	5.20	7.40	10.7	13.5														
140	5.11	6.01	7.92	10.6	12.5														
145	5.93	6.75	8.30	10.3	11.6														
150	6.74	7.43	8.62	10.0	11.0														
155	7.49	8.05	8.89	9.82	10.5														
160	8.17	8.59	9.17	9.78	10.2														
165	8.80	9.10	9.48	9.85	10.1														
170	9.47	9.63	9.83	10.0	10.1														
175	10.1	10.1	10.2	10.2	10.2														
180	10.4	10.3	10.3	10.3	10.3														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:YZY

Test Date:11 August 2021

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:6.010m [K=1.0000]

Remarks: