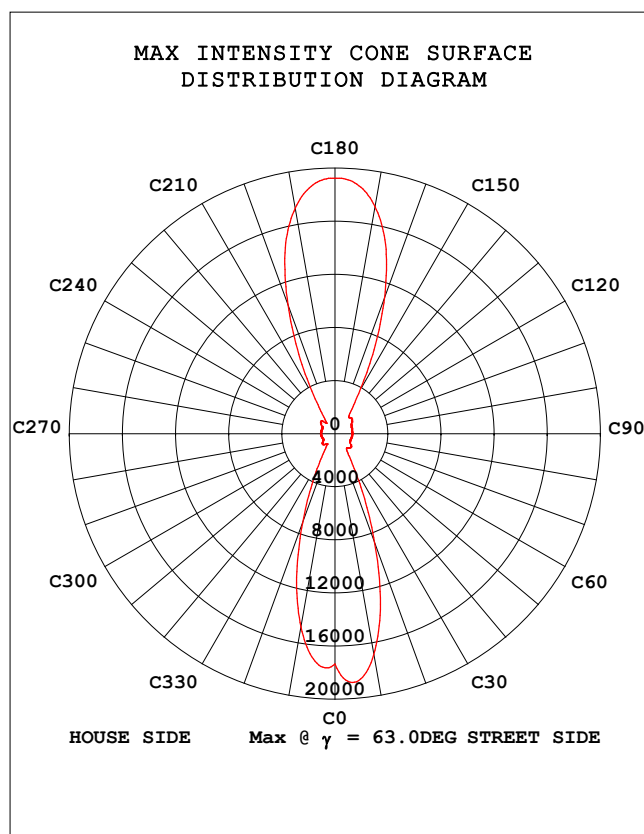
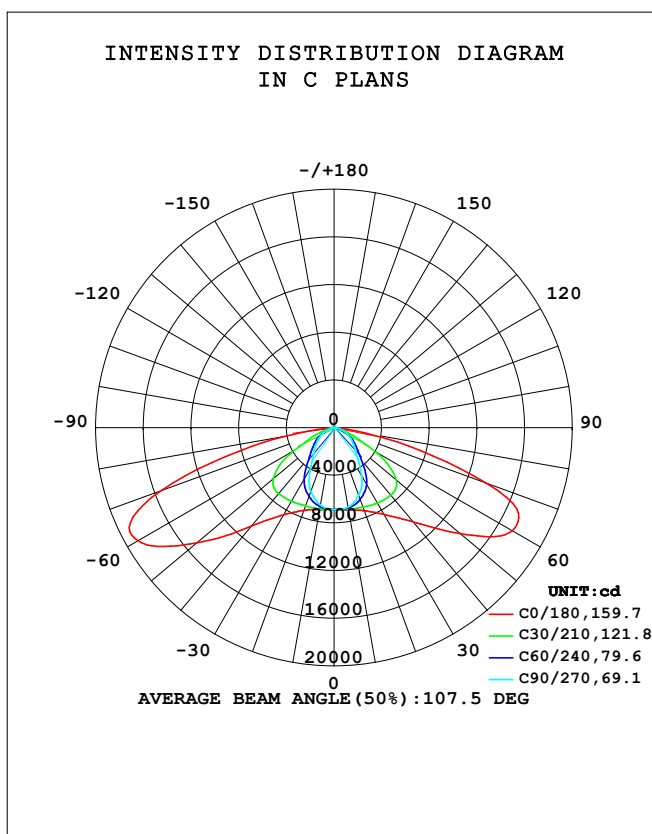


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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: 129.72 lm/W			
NJZ-FEL-MODEL	V01-RZ-T1-25-TG-P-GR	Imax (cd)	19240	η street_up (%)	0.2
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	51.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	25791	η house_up (%)	0.2
NOMINAL FLUX (lm)	25791.2	MAXIMUM @ (C, γ)	180,63.0	η house_down (%)	48.0
LAMPS INSIDE	1	η up (%)	0.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	120	η down (%)	99.6	SLI	22.951

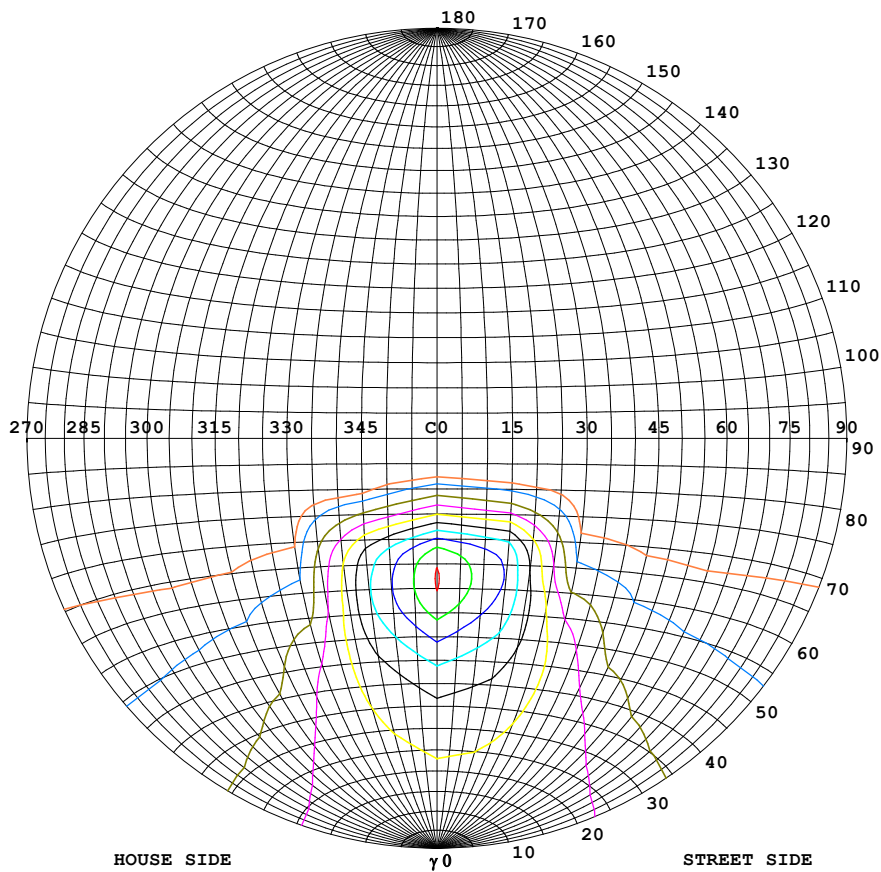


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:18 August 2021

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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



Classification:

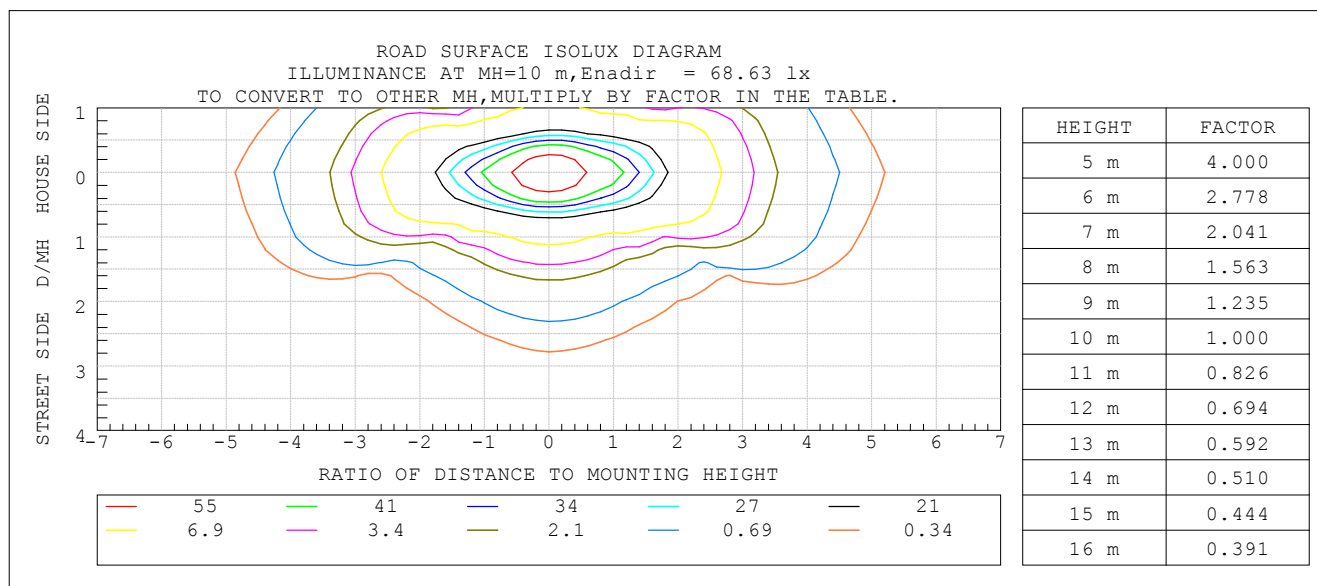
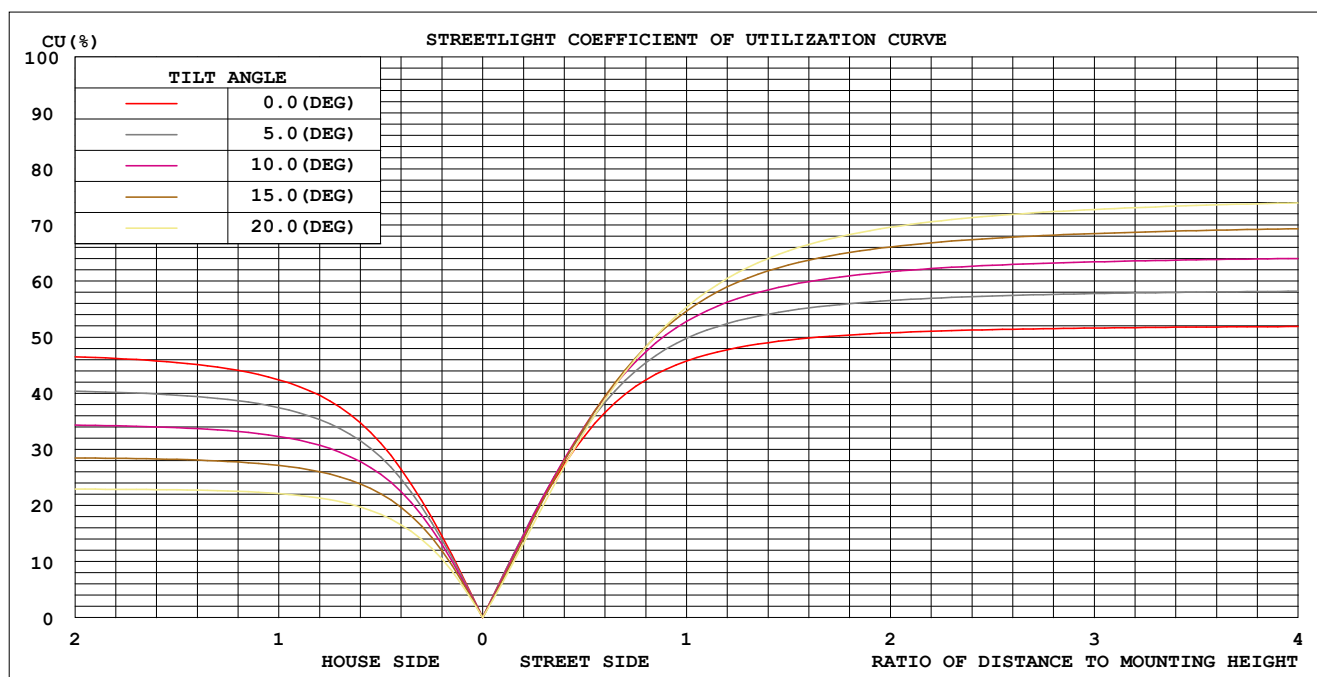
IES:Type I - Short
 CIE:Narrow - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:157.4cd/klm
 Max.At90:1.059cd/klm
 Max.80-90:157.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	19240
90%	17316
80%	15392
70%	13468
60%	11544
50%	9620
40%	7696
30%	5772
20%	3848
10%	1924
5%	962

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YZY
 Test Date:18 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: 18 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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

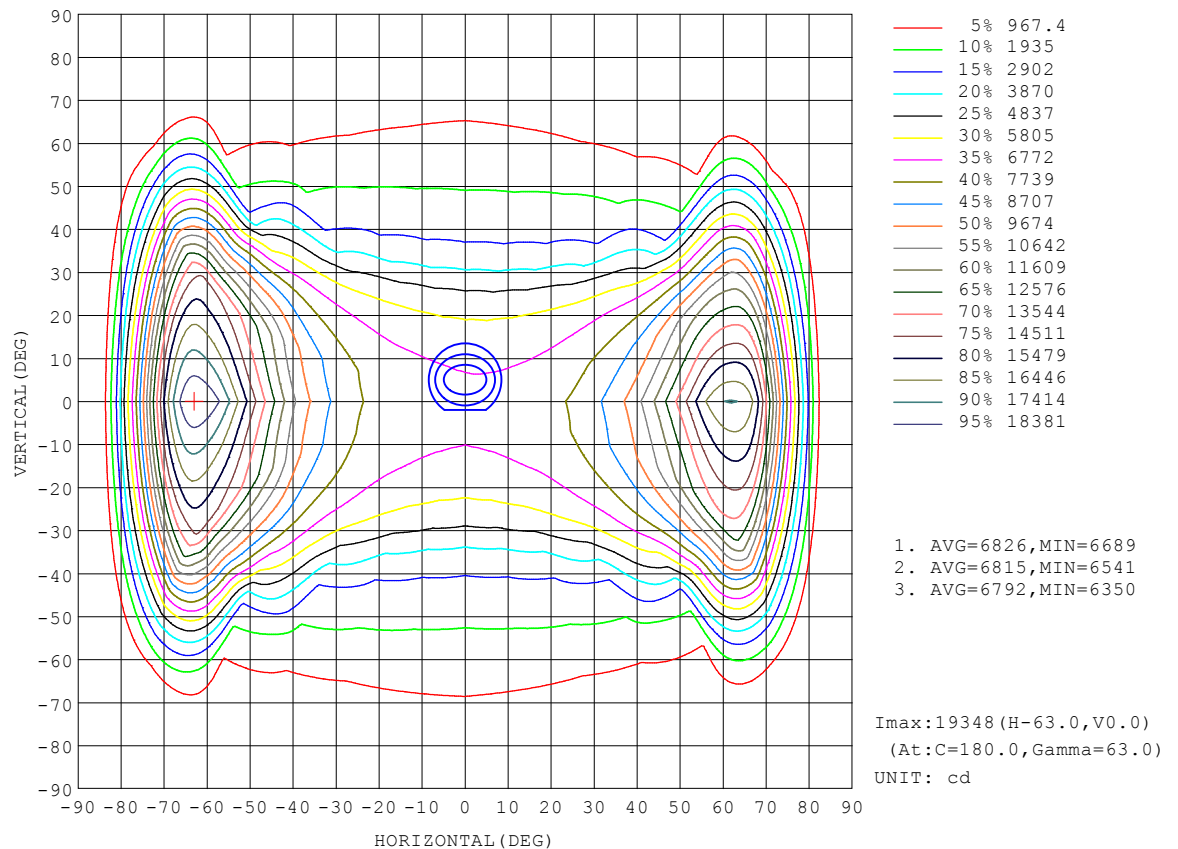
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	702.2	691.6	678.3	693.2	698.8	685.2	661.0	678.7	0- 10	656.5	656.5	2.55,2.55
20	743.0	679.3	604.5	683.6	740.1	658.1	569.9	641.0	10- 20	1915	2571	9.97,9.97
30	841.2	635.3	463.4	641.2	845.6	604.9	398.5	572.2	20- 30	2988	5559	21.6,21.6
40	1033	525.5	295.6	542.7	1079	473.4	262.8	407.8	30- 40	3742	9302	36.1,36.1
50	1385	310.1	213.6	330.4	1505	283.9	187.4	249.4	40- 50	4379	13681	53,53
60	1729	186.3	143.7	203.0	1899	174.0	125.9	154.1	50- 60	4934	18615	72.2,72.2
70	1358	83.16	88.94	95.63	1543	76.03	69.55	63.41	60- 70	4618	23233	90.1,90.1
80	272.4	23.73	27.29	31.22	406.0	20.29	15.53	13.42	70- 80	2259	25492	98.8,98.8
90	2.207	0.3340	0.7810	1.894	1.877	0.1651	0.1342	0.1616	80- 90	207.0	25699	99.6,99.6
100	2.370	0.3236	0.1917	0.2297	1.986	0.2915	0.2200	0.3762	90-100	6.725	25706	99.7,99.7
110	3.242	0.7328	0.3306	0.5043	2.782	0.6702	0.3800	0.8357	100-110	10.43	25716	99.7,99.7
120	3.776	1.236	0.5233	0.9237	3.314	1.149	0.5915	1.361	110-120	14.12	25730	99.8,99.8
130	3.671	1.665	0.7809	1.341	3.346	1.569	0.8776	1.788	120-130	15.85	25746	99.8,99.8
140	3.033	1.940	1.132	1.632	2.855	1.785	1.240	2.033	130-140	14.87	25761	99.9,99.9
150	2.547	2.070	1.515	1.764	2.478	1.850	1.612	2.131	140-150	12.35	25773	99.9,99.9
160	2.373	2.155	1.861	1.912	2.350	2.002	1.915	2.199	150-160	9.424	25783	100,100
170	2.344	2.283	2.174	2.176	2.361	2.249	2.221	2.308	160-170	6.132	25789	100,100
180	2.405	2.403	2.410	2.377	2.409	2.400	2.413	2.376	170-180	2.214	25791	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:18 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

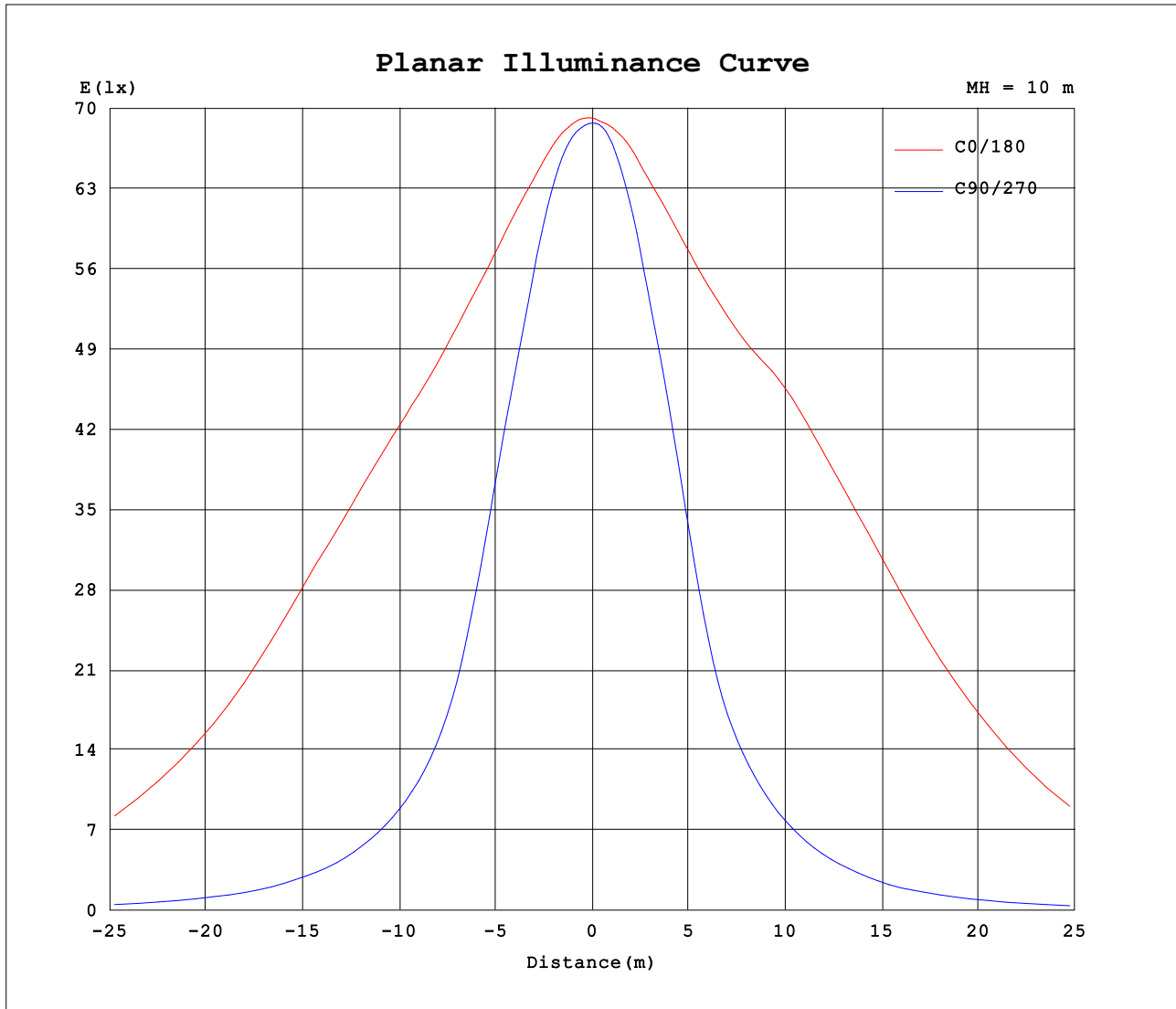
Test:U:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/5000K/T1	DIM.: 215*215mm	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:18 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



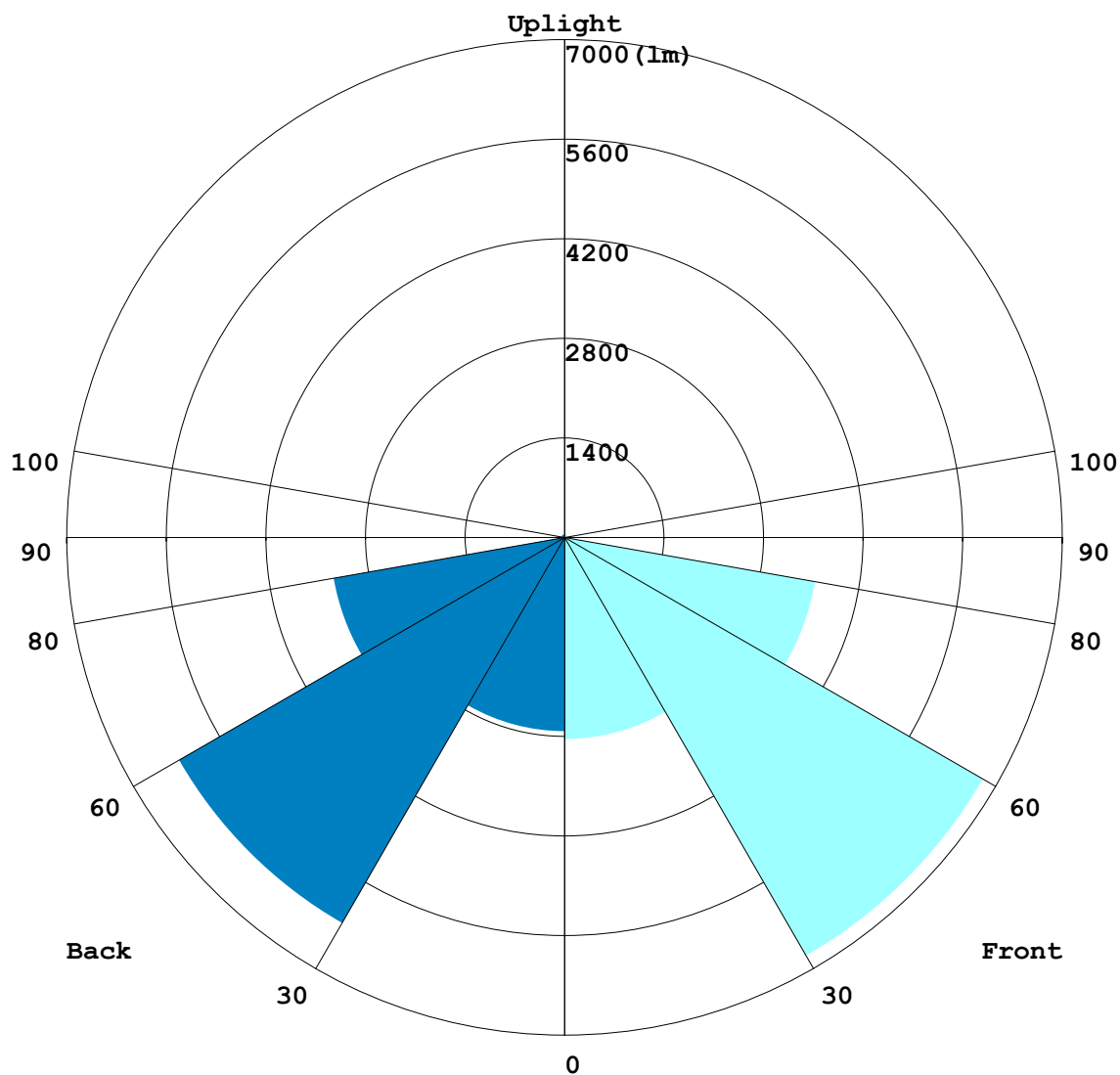
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YZY
 Test Date: 18 August 2021

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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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:18 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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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)	2834.9	11.0
FM - Front-Medium(30-60)	6793.3	26.3
FH - Front-High(60-80)	3579.9	13.9
FVH - Front-Very High(80-90)	115.01	0.4
Total Forward Light	13369	51.8

BL - Back-Low(0-30)	2724.1	10.6
BM - Back-Medium(30-60)	6262.2	24.3
BH - Back-High(60-80)	3297.6	12.8
BVH - Back-Very High(80-90)	91.972	0.4
Total Back Light	12423	48.2

UL - Uplight-Low(90-100)	6.7255	0.0
UH - Uplight-High(100-180)	85.381	0.3
Total Up Light	92.107	0.4

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12376	46.658	12423
Street Side	13323	45.449	13369

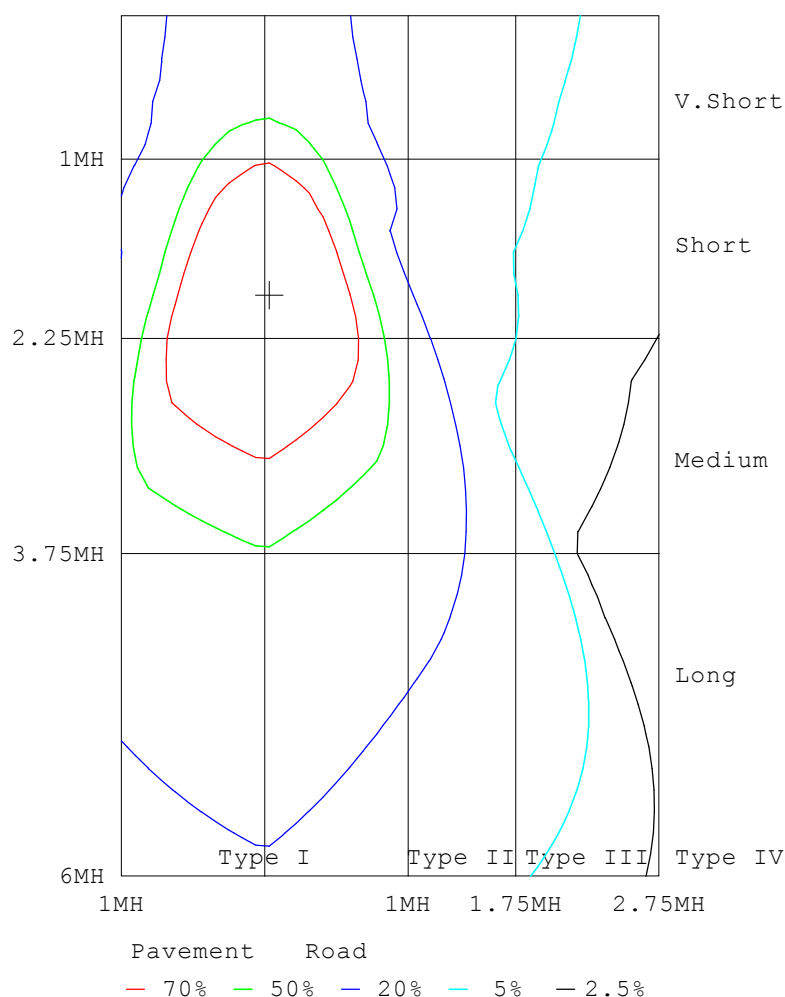
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YZY
Test Date:18 August 2021

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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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:18 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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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: ×10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688	688
5	692	691	690	689	688	687	687	687	688	689	691	692	689	692	691	689	687	684	684
10	702	700	697	692	686	681	678	682	688	693	697	697	699	700	695	685	675	665	661
15	717	712	703	688	671	658	652	659	674	692	705	709	712	711	697	675	652	630	621
20	743	734	710	679	641	615	604	616	645	684	715	732	740	731	700	658	614	583	570
25	784	767	722	659	603	565	549	568	606	665	729	767	783	764	707	634	571	519	497
30	841	810	731	635	549	487	463	491	555	641	743	816	846	809	714	605	503	426	399
35	922	868	738	599	463	389	365	394	472	608	755	885	939	871	720	555	411	333	313
40	1033	936	742	526	363	310	296	312	373	543	764	977	1079	958	723	473	322	276	263
45	1190	1022	732	423	291	260	250	261	298	446	769	1115	1283	1089	714	368	265	232	223
50	1385	1125	682	310	241	220	214	221	247	330	752	1254	1505	1229	666	284	221	196	187
55	1598	1232	566	241	199	185	178	187	207	258	676	1370	1741	1344	564	224	182	162	156
60	1729	1316	392	186	161	147	144	151	169	203	531	1452	1899	1430	384	174	141	127	126
65	1709	1316	216	131	110	115	118	120	120	150	288	1483	1887	1449	230	118	97.5	94.3	98.2
70	1358	1113	125	83.2	77.0	80.6	88.9	84.9	83.9	95.6	169	1294	1543	1191	133	76.0	66.8	63.7	69.5
75	755	606	60.8	49.8	49.3	51.3	57.0	53.7	54.5	59.9	78.6	768	940	665	62.5	45.1	41.6	36.9	36.2
80	272	171	27.0	23.7	24.0	26.3	27.3	28.3	29.8	31.2	36.7	256	406	173	28.2	20.3	18.4	16.0	15.5
85	14.4	18.2	8.14	7.96	8.01	9.11	9.49	10.5	11.0	11.6	13.3	28.6	47.0	14.5	8.34	6.27	4.94	3.43	2.72
90	2.21	1.62	0.53	0.33	0.42	0.63	0.78	1.23	1.52	1.89	2.03	2.73	1.88	1.10	0.36	0.17	0.14	0.14	0.13
95	1.87	1.42	0.67	0.23	0.18	0.17	0.17	0.16	0.17	0.19	0.47	1.16	1.51	1.15	0.53	0.19	0.16	0.16	0.16
100	2.37	1.88	0.98	0.32	0.21	0.20	0.19	0.19	0.19	0.23	0.68	1.50	1.99	1.61	0.82	0.29	0.22	0.22	0.22
105	2.86	2.36	1.35	0.50	0.29	0.26	0.25	0.25	0.26	0.34	0.97	1.92	2.44	2.05	1.17	0.46	0.30	0.30	0.29
110	3.24	2.73	1.73	0.73	0.39	0.34	0.33	0.33	0.35	0.50	1.27	2.26	2.78	2.40	1.52	0.67	0.41	0.39	0.38
115	3.54	3.04	2.07	0.99	0.52	0.44	0.42	0.42	0.46	0.71	1.57	2.53	3.07	2.69	1.85	0.91	0.54	0.49	0.48
120	3.78	3.28	2.35	1.24	0.68	0.55	0.52	0.53	0.59	0.92	1.82	2.72	3.31	2.91	2.11	1.15	0.71	0.61	0.59
125	3.83	3.42	2.54	1.47	0.87	0.68	0.64	0.65	0.76	1.14	1.98	2.79	3.43	2.98	2.25	1.38	0.89	0.75	0.72
130	3.67	3.40	2.63	1.67	1.07	0.84	0.78	0.80	0.94	1.34	2.04	2.70	3.35	2.89	2.27	1.57	1.09	0.92	0.88
135	3.37	3.25	2.63	1.83	1.27	1.02	0.95	0.97	1.13	1.51	2.04	2.55	3.12	2.72	2.22	1.71	1.29	1.10	1.05
140	3.03	3.01	2.58	1.94	1.46	1.21	1.13	1.16	1.32	1.63	2.00	2.39	2.85	2.52	2.14	1.79	1.47	1.29	1.24
145	2.73	2.77	2.48	2.02	1.63	1.41	1.32	1.34	1.48	1.71	1.95	2.24	2.61	2.36	2.06	1.82	1.61	1.47	1.43
150	2.55	2.59	2.40	2.07	1.78	1.59	1.52	1.53	1.63	1.76	1.93	2.17	2.48	2.28	2.04	1.85	1.72	1.63	1.61
155	2.44	2.47	2.33	2.11	1.91	1.76	1.70	1.69	1.74	1.82	1.96	2.16	2.40	2.26	2.07	1.91	1.81	1.77	1.77
160	2.37	2.38	2.30	2.16	2.02	1.92	1.86	1.84	1.85	1.91	2.02	2.18	2.35	2.26	2.13	2.00	1.92	1.90	1.92
165	2.35	2.35	2.30	2.21	2.13	2.05	2.01	1.98	1.99	2.04	2.11	2.22	2.35	2.29	2.21	2.12	2.06	2.05	2.06
170	2.34	2.35	2.32	2.28	2.24	2.20	2.17	2.15	2.15	2.18	2.21	2.26	2.36	2.33	2.29	2.25	2.22	2.21	2.22
175	2.38	2.38	2.37	2.36	2.35	2.34	2.33	2.32	2.30	2.30	2.30	2.32	2.39	2.38	2.36	2.35	2.35	2.35	2.36
180	2.40	2.41	2.40	2.40	2.40	2.41	2.41	2.40	2.38	2.38	2.37	2.37	2.41	2.40	2.41	2.40	2.40	2.41	2.41

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:YZY

Test Date:18 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:120.06V I:1.6672A P:198.82W PF:0.9933 Freq:59.98Hz Lamp Flux:25791.2x1 lm		
NAME: LED Explosion-proof Flood Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:200W/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: ×10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	688	688	688	688	688														
5	683	685	687	689	691														
10	662	669	679	688	697														
15	623	641	664	686	705														
20	575	601	641	684	721														
25	506	551	612	681	747														
30	410	471	572	678	780														
35	320	374	502	671	822														
40	267	298	408	648	871														
45	226	249	310	589	943														
50	191	210	249	487	1037														
55	158	174	200	340	1119														
60	125	128	154	231	1146														
65	92.3	89.1	98.4	158	1090														
70	60.5	59.5	63.4	85.8	848														
75	33.5	34.9	33.8	41.9	413														
80	13.6	13.8	13.4	17.6	62.8														
85	2.26	2.45	2.66	3.51	6.85														
90	0.14	0.14	0.16	0.42	0.98														
95	0.17	0.17	0.23	0.69	1.37														
100	0.23	0.24	0.38	1.05	1.92														
105	0.31	0.33	0.58	1.45	2.41														
110	0.40	0.45	0.84	1.85	2.80														
115	0.51	0.59	1.10	2.20	3.12														
120	0.63	0.77	1.36	2.48	3.37														
125	0.77	0.96	1.59	2.66	3.51														
130	0.95	1.17	1.79	2.74	3.47														
135	1.13	1.38	1.93	2.73	3.29														
140	1.33	1.56	2.03	2.65	3.04														
145	1.51	1.72	2.09	2.54	2.78														
150	1.69	1.85	2.13	2.44	2.60														
155	1.84	1.97	2.16	2.36	2.47														
160	1.98	2.07	2.20	2.32	2.39														
165	2.10	2.17	2.25	2.32	2.35														
170	2.24	2.27	2.31	2.34	2.34														
175	2.36	2.36	2.36	2.37	2.36														
180	2.40	2.39	2.38	2.37	2.37														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:YZY

Test Date:18 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: