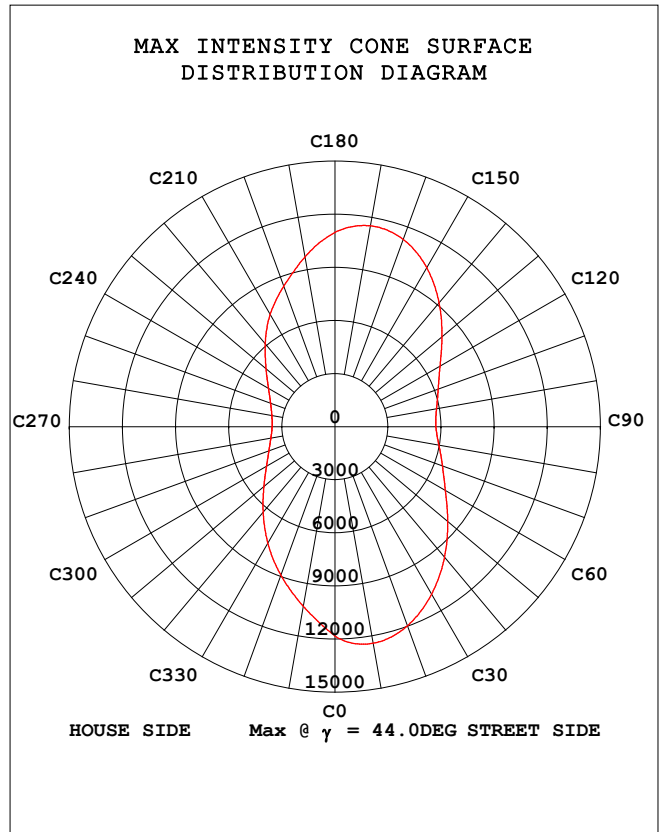
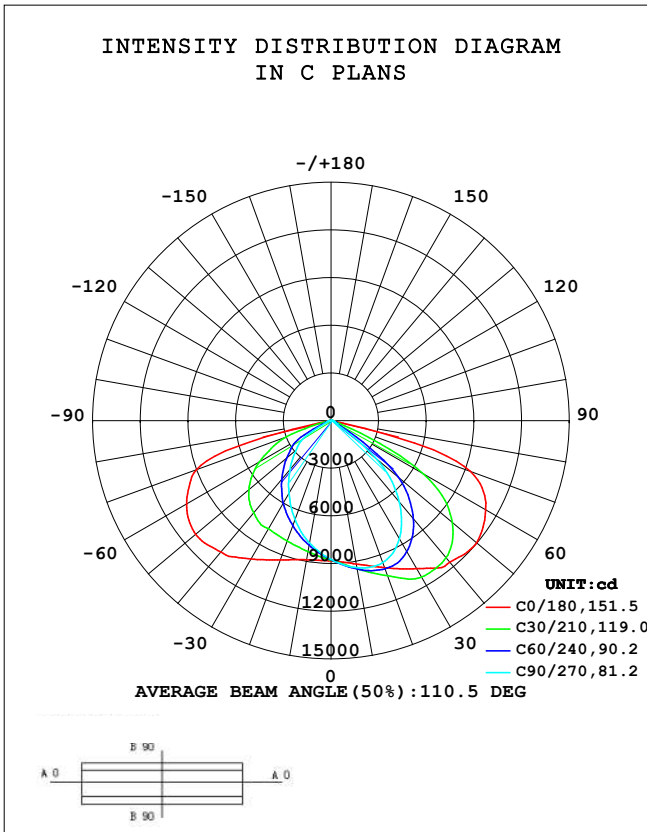


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 186.54 lm/W			
MODEL	AN-SLZ2-150W	I _{max} (cd)	12297	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	54.8
RATED VOLTAGE (V)		TOTAL FLUX (lm)	27953	η house_up (%)	0.0
NOMINAL FLUX (lm)	27952.9	MAXIMUM @ (C, γ)	15,44.0	η house_down (%)	45.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)		η down (%)	100.0	SLI	

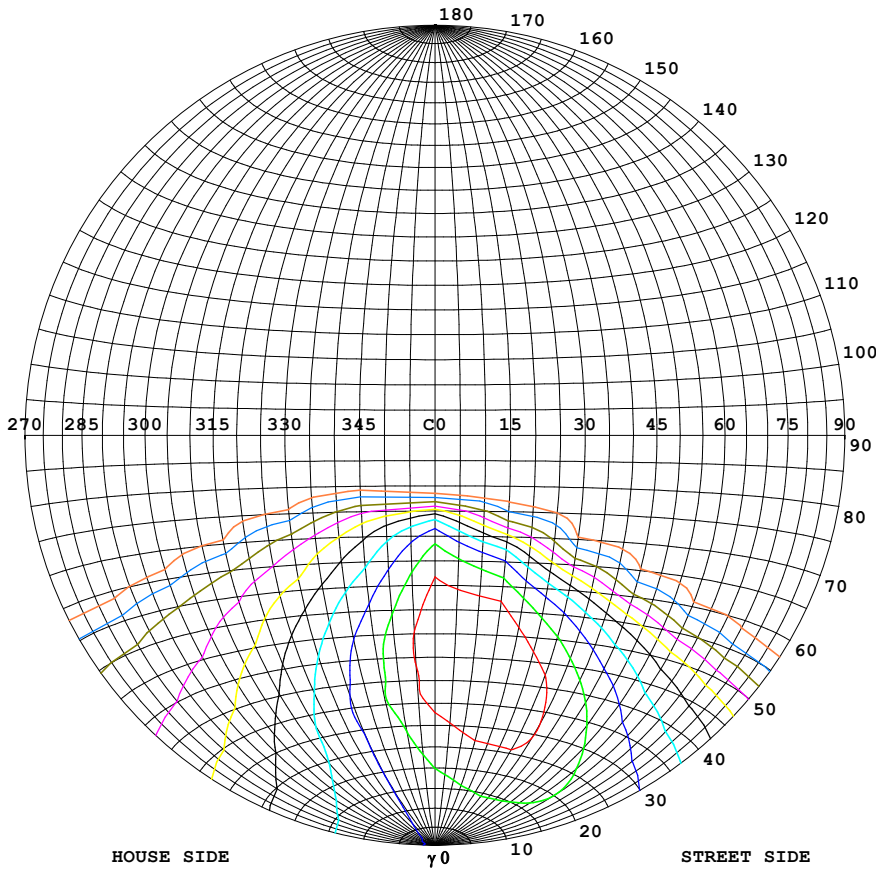


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz		
Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:



Classification:

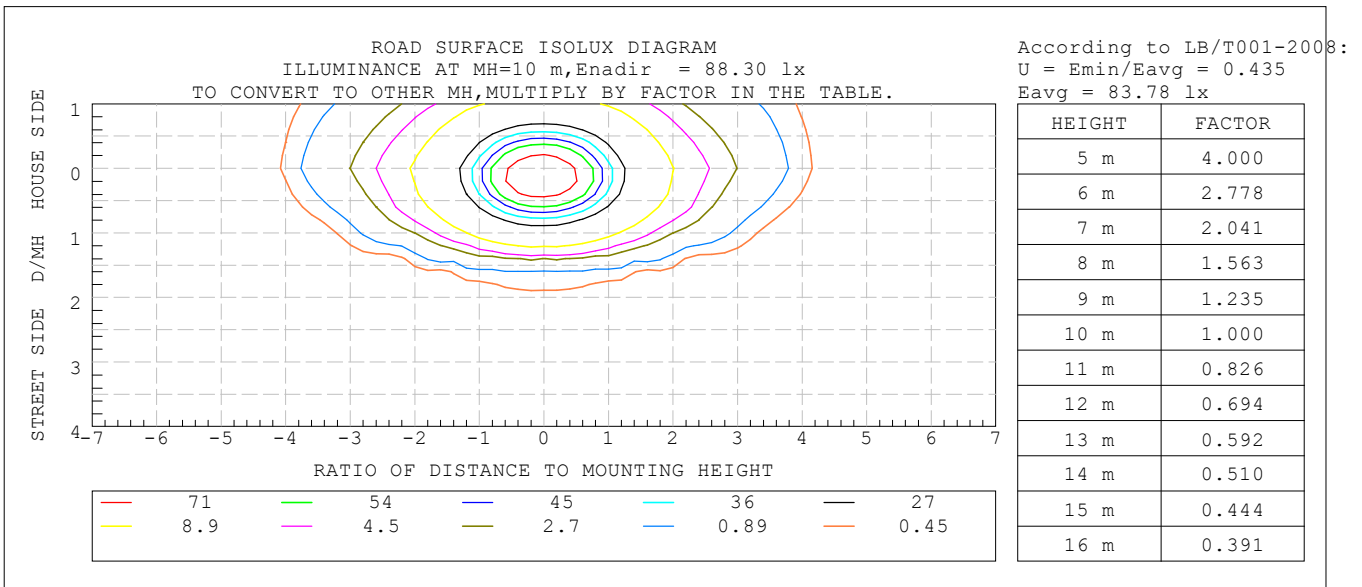
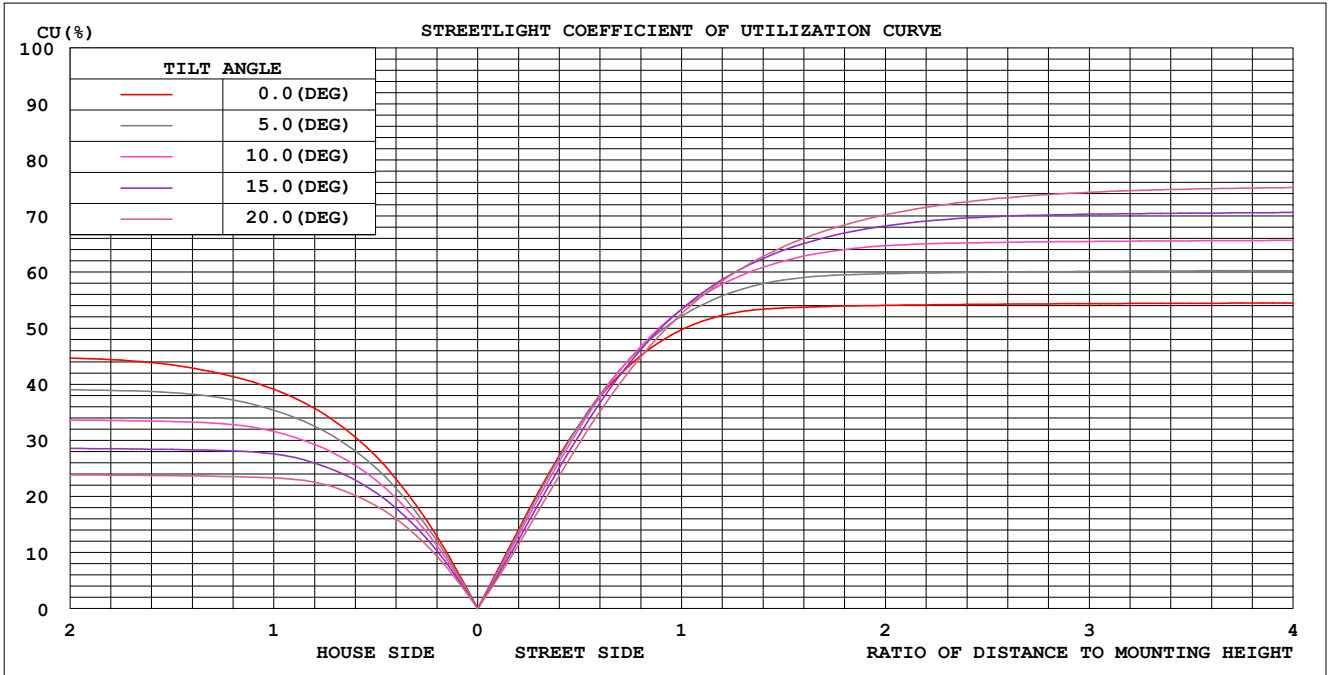
IES:Type I - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:21.58cd/klm
 Max.At90:1.095cd/klm
 Max.80-90:21.58cd/klm
 NRB 5101:Semi limited[15.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	12297
— 90%	11068
— 80%	9838
— 70%	8608
— 60%	7378
— 50%	6149
— 40%	4919
— 30%	3689
— 20%	2459
— 10%	1230
— 5%	615

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

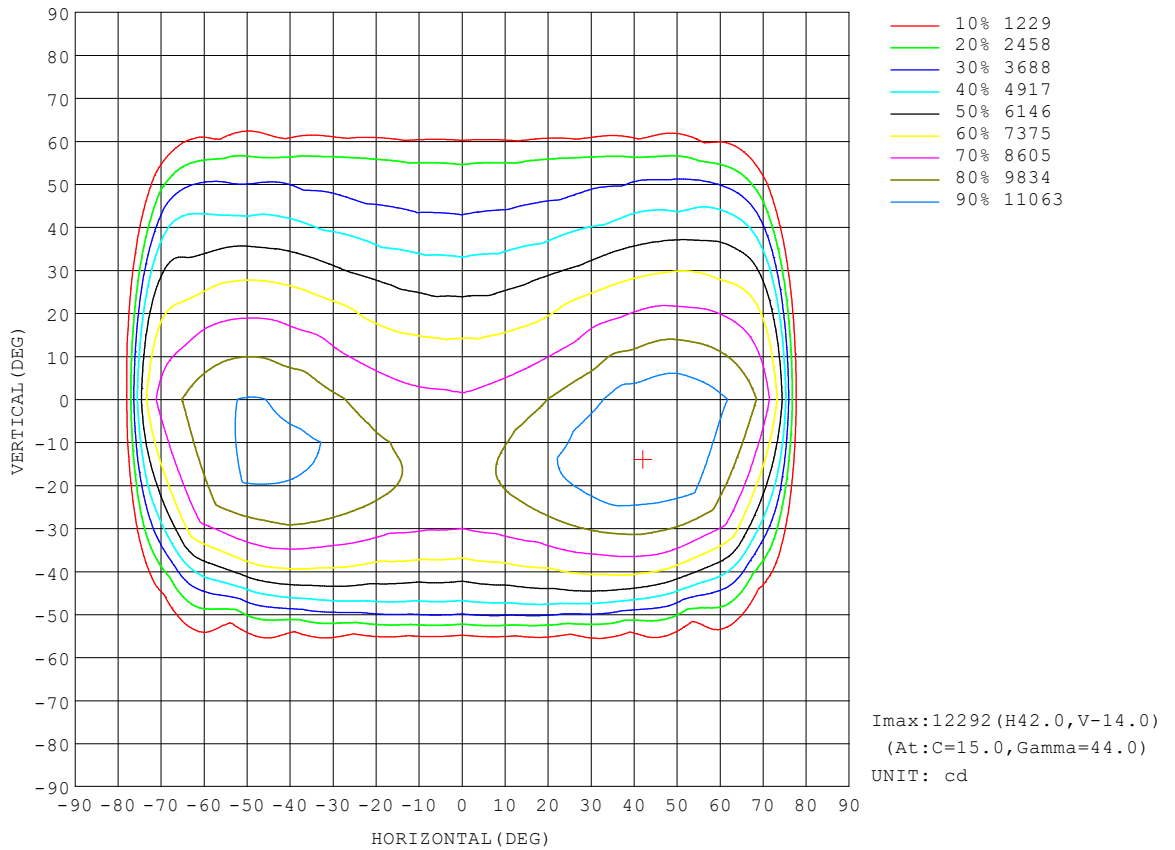
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	916.2	947.6	940.1	923.6	889.4	812.6	782.9	823.8	0- 10	837.6	837.6	3,3
20	984.9	1021	951.2	981.9	933.1	748.3	664.0	764.7	10- 20	2496	3333	11.9,11.9
30	1076	1051	860.3	1000	1005	687.3	530.9	708.7	20- 30	4048	7382	26.4,26.4
40	1163	965.2	668.1	918.4	1080	602.2	402.6	619.2	30- 40	5258	12639	45.2,45.2
50	1196	754.6	363.1	710.3	1112	481.3	288.8	497.9	40- 50	5746	18385	65.8,65.8
60	1124	275.0	46.90	265.5	1049	343.4	128.0	353.6	50- 60	5017	23401	83.7,83.7
70	932.2	37.35	23.43	36.79	901.0	73.03	26.65	73.57	60- 70	3246	26647	95.3,95.3
80	29.16	17.22	12.53	17.96	35.32	22.86	14.99	23.34	70- 80	1193	27840	99.6,99.6
90	1.836	1.564	0.4965	1.836	1.186	0.6511	0.0930	0.5309	80- 90	106.7	27946	100,100
100	0.9225	0.7731	0.6688	0.7496	0.6542	0.4005	0.2693	0.3319	90-100	6.141	27953	100,100
110	0	0	0	0	0	0	0	0	100-110	0.3134	27953	100,100
120	0	0	0	0	0	0	0	0	110-120	0	27953	100,100
130	0	0	0	0	0	0	0	0	120-130	0	27953	100,100
140	0	0	0	0	0	0	0	0	130-140	0	27953	100,100
150	0	0	0	0	0	0	0	0	140-150	0	27953	100,100
160	0	0	0	0	0	0	0	0	150-160	0	27953	100,100
170	0	0	0	0	0	0	0	0	160-170	0	27953	100,100
180	0	0	0	0	0	0	0	0	170-180	0	27953	100,100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

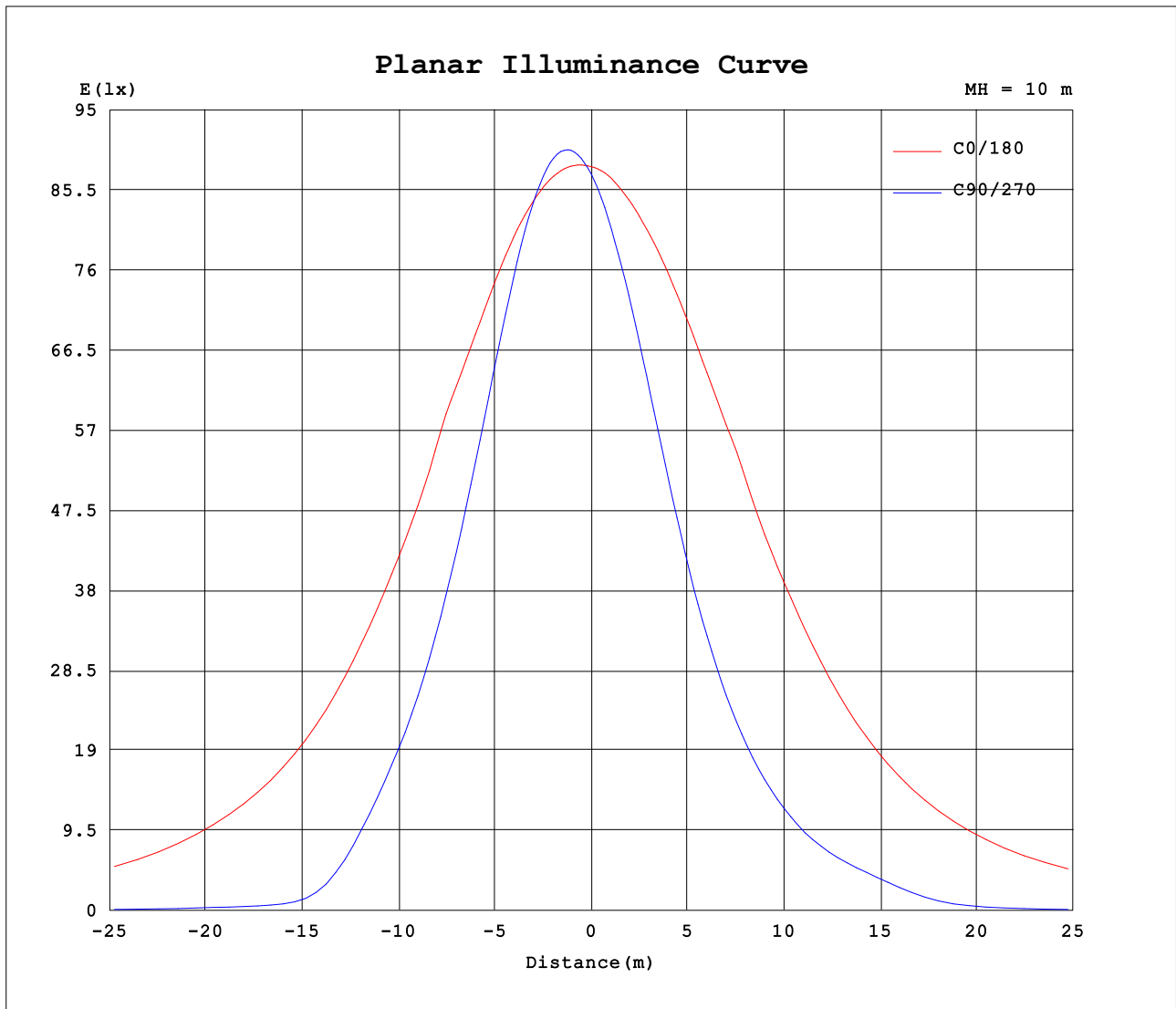
Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



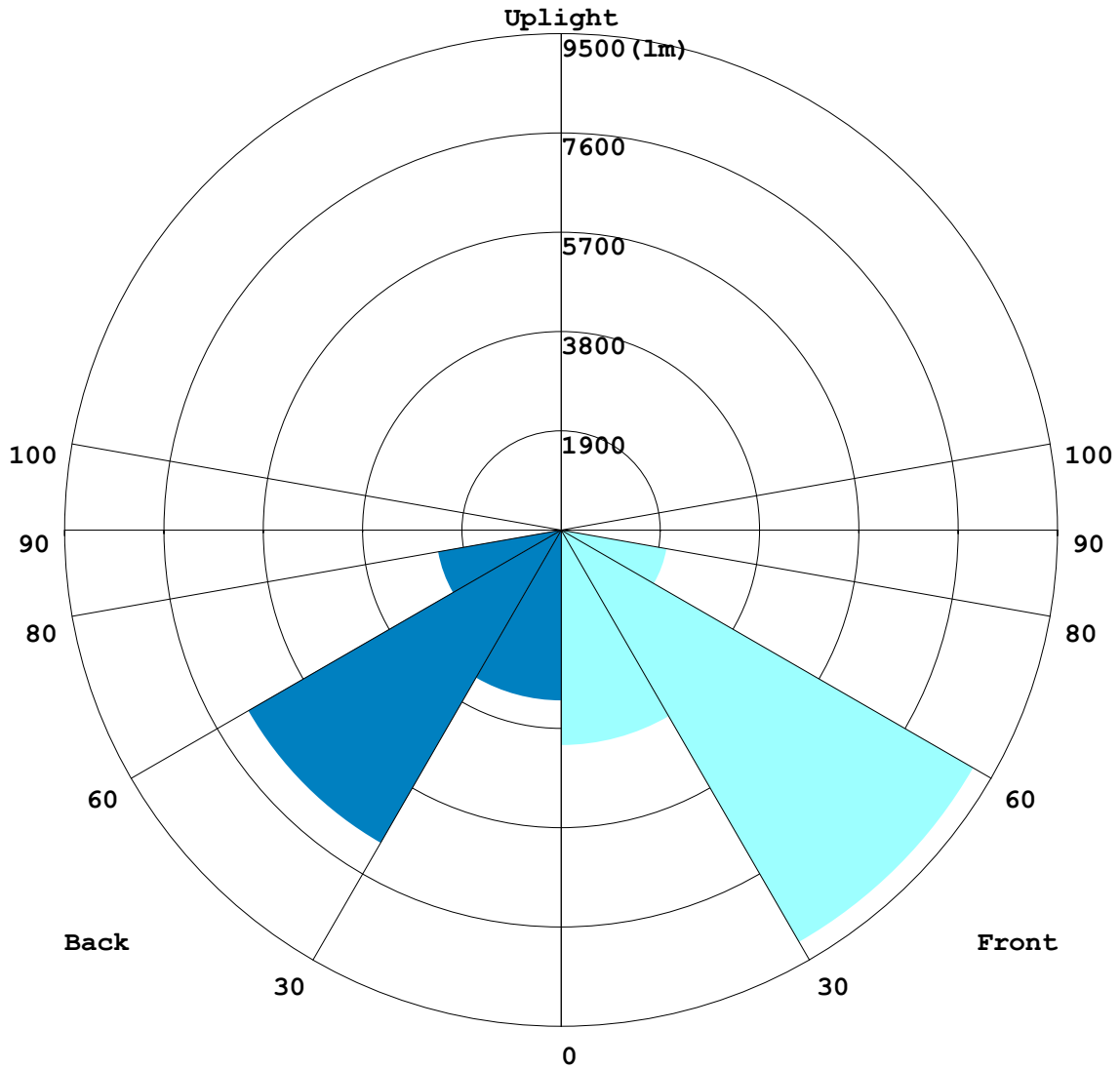
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz		
Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4118.1	14.7
FM - Front-Medium(30-60)	9108.4	32.6
FH - Front-High(60-80)	2050.2	7.3
FVH - Front-Very High(80-90)	50.899	0.2
Total Forward Light	15332	54.9

BL - Back-Low(0-30)	3263.7	11.7
BM - Back-Medium(30-60)	6911.3	24.7
BH - Back-High(60-80)	2388	8.5
BVH - Back-Very High(80-90)	55.786	0.2
Total Back Light	12621	45.1

UL - Uplight-Low(90-100)	6.1407	0.0
UH - Uplight-High(100-180)	0.31336	0.0
Total Up Light	6.4541	0.0

BUG(Back,Up,Glare) Rating	B4-U1-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12619	1.8896	12621
Street Side	15328	4.5645	15332

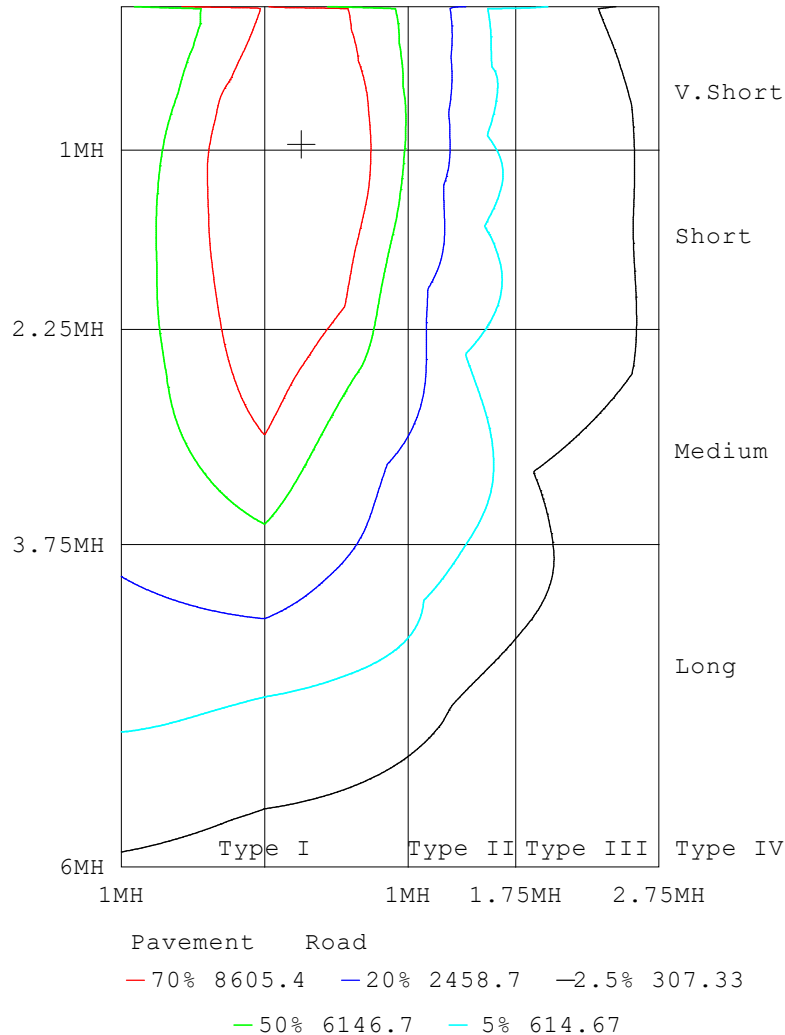
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz		
Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

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	883	880	879	875	876	873	874	871	873	872	874	874	883	880	879	875	876	873	874
5	895	901	908	909	913	911	911	907	904	897	891	882	883	869	858	845	839	831	831
10	916	933	946	948	948	943	940	935	932	924	915	898	889	863	837	813	797	784	783
15	946	975	991	987	978	964	956	953	955	954	948	926	906	863	820	781	753	730	727
20	985	1023	1039	1021	993	967	951	953	966	982	988	964	933	870	807	748	704	671	664
25	1029	1080	1097	1053	989	944	920	928	956	1005	1035	1012	967	881	796	716	654	610	599
30	1076	1149	1137	1051	953	890	860	877	919	1000	1071	1068	1005	894	788	687	603	548	531
35	1133	1196	1141	1020	892	813	775	799	858	972	1077	1111	1049	913	786	652	542	484	466
40	1163	1219	1127	965	807	713	668	697	772	918	1066	1135	1080	912	758	602	482	419	403
45	1188	1229	1080	876	697	590	544	573	663	831	1027	1151	1103	906	726	545	423	362	344
50	1196	1203	996	755	554	424	363	411	524	710	952	1137	1112	883	675	481	363	306	289
55	1168	1141	875	572	299	161	115	159	289	538	834	1090	1093	838	609	413	307	256	241
60	1124	1036	671	275	74.4	54.0	46.9	53.6	73.1	266	647	997	1049	773	522	343	244	153	128
65	1059	869	339	64.3	44.4	41.1	36.0	40.7	43.9	62.5	338	849	986	672	416	238	94.9	48.0	42.6
70	932	529	68.2	37.4	33.5	29.2	23.4	28.6	33.2	36.8	74.3	544	901	588	299	73.0	37.0	30.0	26.6
75	546	123	30.9	29.8	24.8	20.1	17.7	19.8	24.2	29.6	30.7	155	561	395	90.0	32.8	27.5	20.6	19.9
80	29.2	25.7	17.7	17.2	15.7	13.3	12.5	13.0	15.5	18.0	18.5	26.1	35.3	60.3	21.5	22.9	19.0	15.4	15.0
85	11.3	13.6	9.45	7.04	6.03	7.01	7.15	7.13	6.26	7.45	9.65	14.6	10.7	9.09	13.8	7.48	7.75	8.90	9.66
90	1.84	2.08	1.79	1.56	1.15	0.95	0.50	1.07	1.32	1.84	2.33	3.06	1.19	0.86	0.89	0.65	0.51	0.20	0.09
95	0.84	0.83	0.79	0.72	0.61	0.55	0.55	0.57	0.61	0.70	0.78	0.85	0.48	0.45	0.39	0.31	0.24	0.18	0.14
100	0.92	0.90	0.84	0.77	0.68	0.63	0.67	0.65	0.68	0.75	0.83	0.92	0.65	0.57	0.49	0.40	0.32	0.26	0.27
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:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:33.30V I:4.500A P:149.85W PF:1.000 Freq:0Hz Lamp Flux:27952.9x1 lm		
NAME: AN-SLZ2-150W	TYPE:	WEIGHT: 19.8kg
SPEC.:	DIM.: 1785*396*330mm	SERIAL No.: 2025022801
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	871	873	872	874	874														
5	831	841	849	863	876														
10	786	802	824	854	883														
15	732	759	794	844	896														
20	673	712	765	835	913														
25	612	663	735	827	932														
30	552	615	709	822	947														
35	489	555	671	818	975														
40	427	495	619	787	968														
45	370	435	563	751	958														
50	312	375	498	698	932														
55	257	313	429	631	877														
60	150	241	354	541	810														
65	48.2	90.6	235	440	714														
70	30.4	37.3	73.6	292	595														
75	20.9	27.4	34.3	75.9	341														
80	15.8	18.6	23.3	21.1	39.6														
85	8.90	7.32	5.87	13.6	7.95														
90	0.18	0.39	0.53	0.81	0.90														
95	0.15	0.19	0.25	0.34	0.40														
100	0.22	0.26	0.33	0.41	0.52														
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:25DEG
 Operators:SENPU
 Test Date:2025-02-28

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: