

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	439.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	97.5V x 150.8H
	At 50% of Imax	88.2V x 116.5H
	At 90% of Imax	69.0V x 59.2H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	938.9 lumens per klm.
	To 50% of Imax	851.1 lumens per klm.
	To 90% of Imax	463.3 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

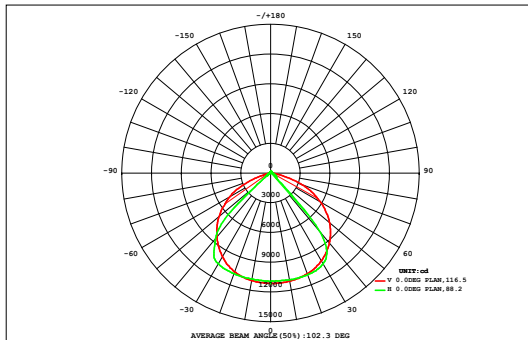
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.40V I:0.6933A P:149.66W PF:0.9884 Freq:49.99Hz Lamp Flux:25384.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:169.62lm/W	
MODEL		Imax (cd)	11150
NOMINAL POWER (W)	150	AVAILABILITY (%)	94.0
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	23874
NOMINAL FLUX (lm)	25384.9	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	25385
TEST VOLTAGE (V)	220	θ @50% (H,V)	116,88DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.16	0.50	0.85	1.18	1.38	1.63	1.85	1.98	2.01	1.97	1.86	1.67	1.43	1.20	1.11	0.93	0.64	0.24	22.6	0.00
90	0.16	0.50	0.85	1.18	1.38	1.63	1.85	1.98	2.01	1.97	1.86	1.67	1.43	1.20	1.11	0.93	0.64	0.24	22.6	0.00
80	0.19	0.80	2.02	3.38	3.34	3.78	4.59	5.16	5.40	5.30	4.90	4.19	3.30	2.48	1.91	1.25	0.72	0.24	53.0	0.00
70	0.23	1.58	5.35	9.56	8.06	6.95	8.61	9.80	10.3	10.2	9.48	8.13	6.36	5.88	5.05	2.32	0.89	0.26	109	0.00
60	0.30	3.04	11.6	20.6	18.0	11.0	16.5	26.9	25.4	24.1	24.1	15.1	10.2	14.3	12.9	5.42	1.27	0.27	241	72.1
50	0.40	5.20	20.2	34.8	35.2	60.5	137	177	185	183	173	128	52.0	29.5	25.9	11.2	2.05	0.29	1261	1221
40	0.51	7.84	29.9	51.2	84.6	191	256	286	299	296	278	246	180	72.1	41.5	19.0	3.29	0.31	2343	2332
30	0.63	10.6	39.7	71.2	149	233	284	312	325	322	303	271	220	134	59.1	27.8	4.79	0.34	2766	2759
	0.73	13.1	48.9	94.7	176	244	290	318	329	326	309	278	228	161	79.5	36.1	6.23	0.36	2939	2932
	0.79	15.0	56.8	113	184	245	292	321	333	329	315	282	229	166	95.7	42.8	7.31	0.38	3027	3021
	0.79	15.0	56.8	111	182	244	291	320	330	332	318	283	230	162	93.7	42.9	7.31	0.38	3022	3016
	0.73	13.1	49.0	91.3	170	242	288	315	329	331	317	283	230	144	76.5	36.2	6.26	0.37	2922	2916
	0.63	10.7	39.9	70.6	129	229	281	310	326	326	310	277	214	98.9	58.7	28.0	4.82	0.34	2714	2706
-30	0.52	7.90	30.2	51.8	65.9	163	242	275	293	293	272	229	117	52.3	42.1	19.2	3.32	0.32	2159	2148
-40	0.40	5.25	20.5	35.5	35.9	31.5	90.2	122	111	104	98.4	55.3	21.4	30.4	26.5	11.4	2.09	0.30	802	722
-50	0.31	3.09	11.8	21.2	19.4	12.9	15.8	19.0	20.0	18.7	17.5	15.0	12.0	15.4	13.4	5.57	1.31	0.28	223	28.1
-60	0.24	1.63	5.52	10.1	9.10	8.34	10.1	11.3	11.8	11.6	10.9	9.43	7.43	6.60	5.35	2.44	0.94	0.26	123	0.00
-70	0.20	0.86	2.17	3.67	3.88	4.44	5.22	5.67	5.71	5.57	5.26	4.61	3.71	2.86	2.16	1.39	0.78	0.25	58.4	0.00
-80	0.17	0.57	1.02	1.49	1.85	2.13	2.33	2.42	2.39	2.34	2.29	2.15	1.92	1.66	1.41	1.09	0.70	0.25	28.2	0.00
-90	0.17	0.57	1.02	1.49	1.85	2.13	2.33	2.42	2.39	2.34	2.29	2.15	1.92	1.66	1.41	1.09	0.70	0.25	28.2	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	7.92	116	432	797	1276	1935	2515	2837	2943	2922	2771	2393	1769	1100	642	295	54.7	5.45	24812	---
Φ a	0.00	76.5	397	754	1219	1865	2446	2769	2871	2847	2700	2323	1698	1043	597	253	15.7	0.00	---	23874

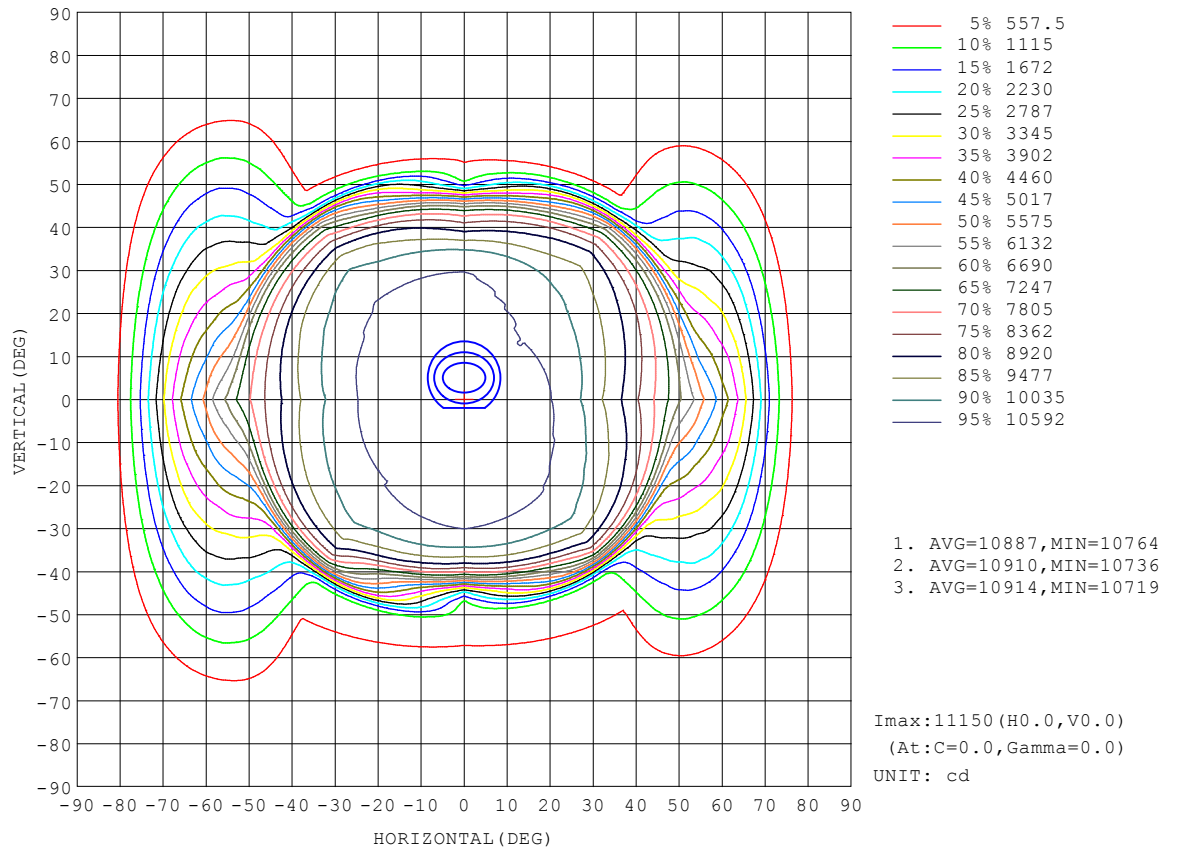
one-half-peak spread: U:20.1,D:20.1 , L:46.0,R:46.0 IESNA Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.40V I:0.6933A P:149.66W PF:0.9884 Freq:49.99Hz Lamp Flux:25384.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

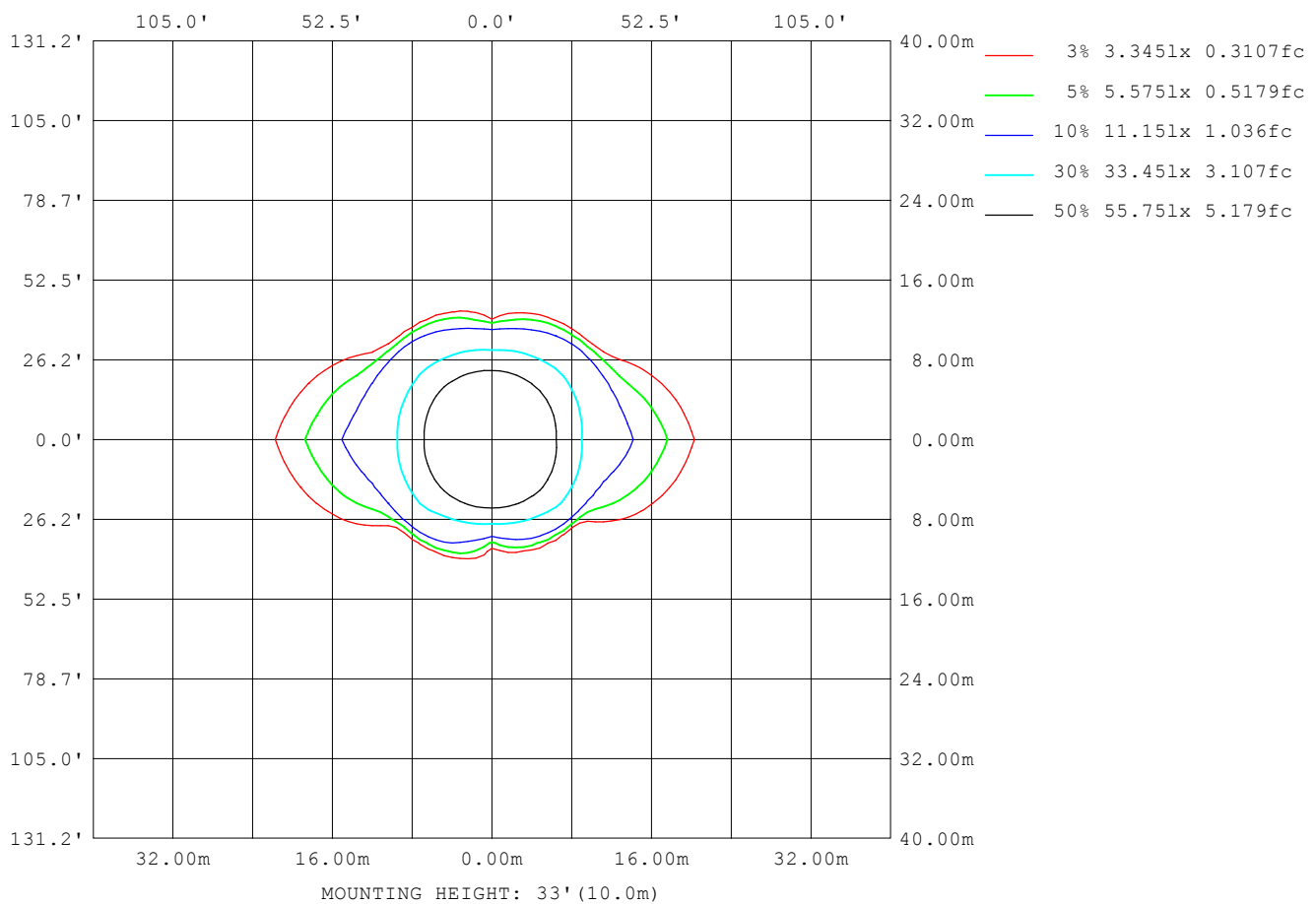


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ISOLUX DIAGRAM

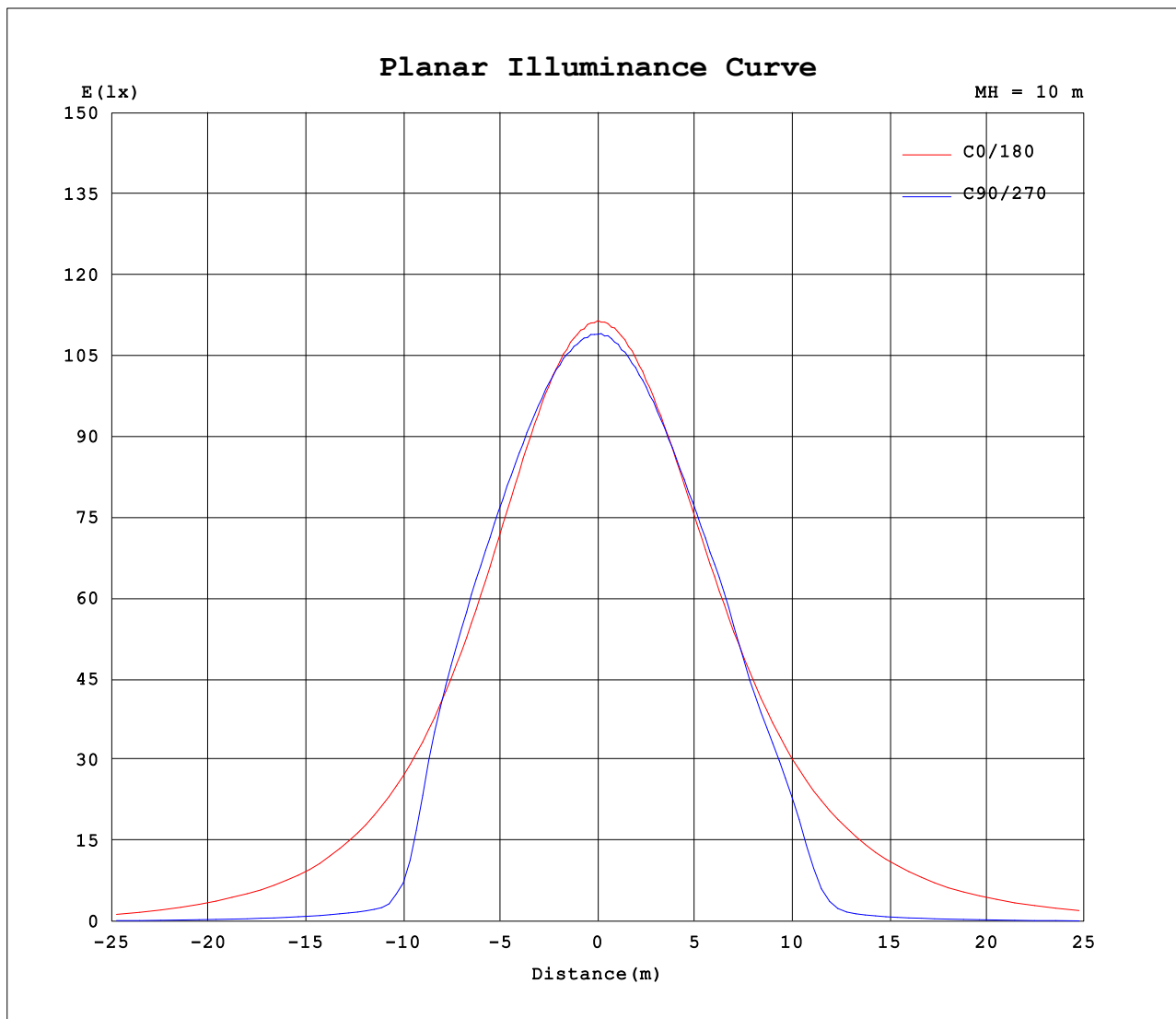
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Remarks:

Planar Illuminance Curve

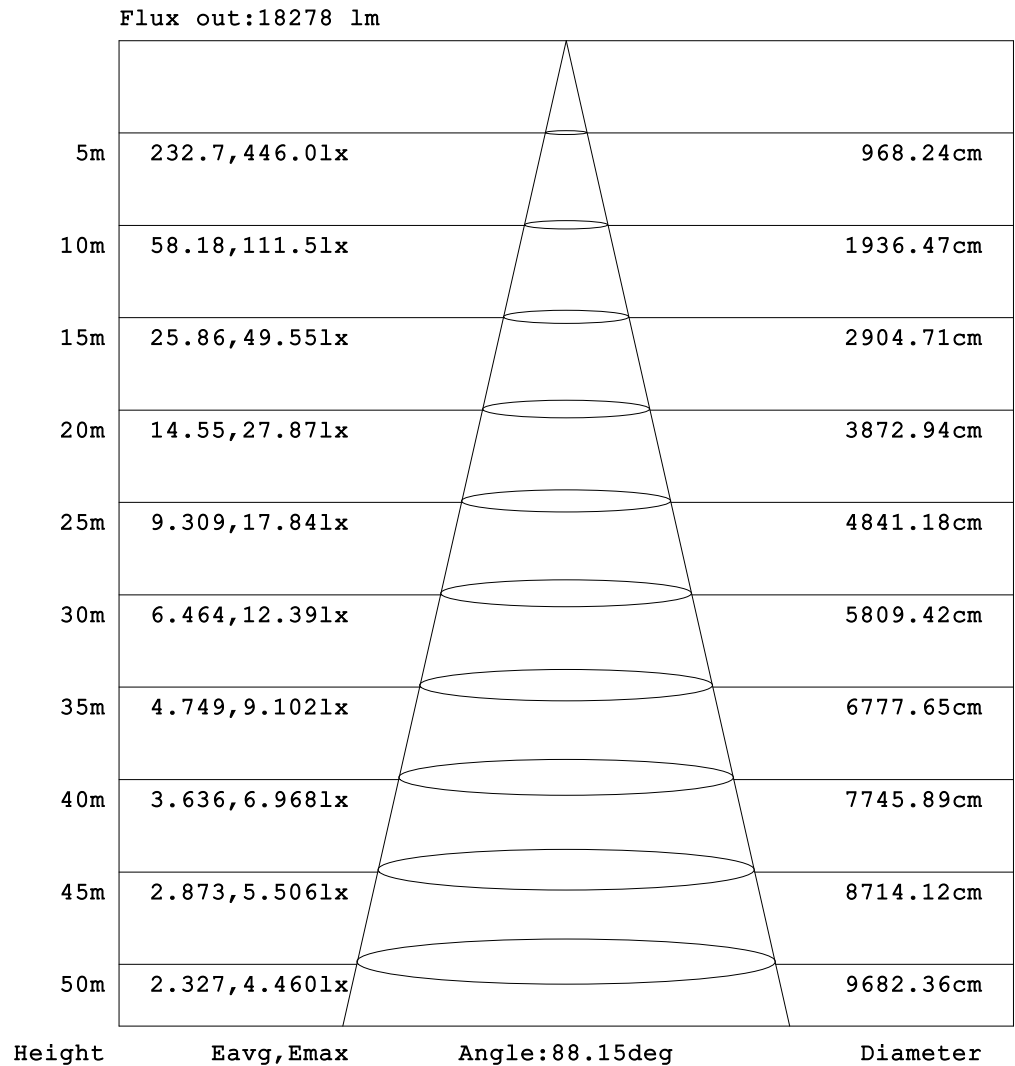


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Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

AAI Figure

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NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.40V I:0.6933A P:149.66W PF:0.9884 Freq:49.99Hz Lamp Flux:25384.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	6.07	5.21	5.62	6.26	7.04	7.86	8.75	9.65	10.5	11.4	12.2	13.1	14.1	15.0	15.8	16.3	16.8	17.1	17.3
-170	6.07	5.23	5.63	6.23	6.95	7.71	8.53	9.34	10.1	10.9	11.6	12.4	13.3	14.0	14.7	15.2	15.5	16.0	16.2
-160	6.07	5.24	5.60	6.14	6.79	7.45	8.16	8.86	9.51	10.1	10.7	11.3	12.0	12.6	13.1	13.7	14.2	14.5	14.6
-150	6.07	5.25	5.56	6.03	6.56	7.12	7.68	8.24	8.79	9.25	9.63	10.0	10.4	10.9	11.5	12.1	12.5	12.8	12.9
-140	6.07	5.25	5.52	5.88	6.32	6.75	7.17	7.59	7.98	8.34	8.63	8.84	9.09	9.45	9.82	10.2	10.4	10.6	10.7
-130	6.07	5.26	5.47	5.74	6.06	6.39	6.69	6.97	7.23	7.45	7.64	7.86	8.12	8.35	8.57	8.74	8.87	8.98	9.04
-120	6.07	5.34	5.44	5.63	5.85	6.07	6.28	6.47	6.63	6.75	6.84	6.95	7.06	7.20	7.30	7.40	7.47	7.51	7.51
-110	6.07	5.49	5.43	5.58	5.73	5.87	6.00	6.13	6.23	6.33	6.31	6.27	6.24	6.21	6.19	6.17	6.13	6.08	6.01
-100	6.07	5.76	5.64	5.66	5.75	5.87	5.97	6.09	6.19	6.27	6.15	6.00	5.86	5.72	5.57	5.42	5.28	5.13	4.99
-90	6.07	6.17	6.27	6.36	6.46	6.56	6.65	6.75	6.84	6.94	6.83	6.72	6.60	6.49	6.38	6.26	6.15	6.04	5.93
-80	6.07	6.71	7.39	8.20	9.20	10.3	11.3	12.0	12.0	11.2	11.4	11.7	11.9	12.0	12.0	11.9	11.7	11.4	11.0
-70	6.07	7.37	9.60	13.7	19.4	26.1	31.7	35.2	34.0	26.7	23.6	25.1	26.3	27.2	27.9	28.3	28.3	28.0	27.4
-60	6.07	8.24	14.1	26.2	43.1	63.5	79.6	87.9	82.8	64.2	39.2	42.2	44.6	46.6	48.1	49.3	49.9	50.0	49.4
-50	6.07	9.37	21.3	46.1	83.4	124	152	164	155	127	84.1	59.9	65.2	71.2	84.9	116	135	119	75.2
-40	6.07	10.8	31.1	74.4	136	196	237	252	243	221	182	259	613	696	700	739	783	797	784
-30	6.07	12.5	41.1	105	194	274	325	349	360	378	699	876	952	991	1011	1031	1044	1054	1060
-20	6.07	13.9	51.2	135	248	348	414	465	504	744	888	958	1005	1036	1054	1067	1078	1085	1093
-10	6.07	14.9	59.5	161	295	413	498	577	678	843	925	981	1022	1051	1071	1079	1080	1085	1094
0	6.07	15.3	63.6	177	328	464	574	680	776	854	922	978	1022	1057	1083	1099	1109	1114	1115
10	6.07	14.9	59.4	161	295	412	497	581	740	847	932	987	1027	1056	1077	1090	1091	1091	1084
20	6.07	13.9	51.0	135	247	347	412	464	598	788	895	970	1016	1045	1066	1075	1080	1082	1079
30	6.07	12.4	40.9	105	192	272	322	345	362	572	775	886	973	1011	1025	1042	1052	1056	1056
40	6.07	10.7	30.8	73.8	135	194	234	247	238	218	272	599	729	796	850	879	888	881	864
50	6.07	9.18	21.0	45.5	82.2	122	149	160	149	120	76.8	53.7	67.7	135	235	278	258	210	141
60	6.07	8.01	13.7	25.6	42.2	61.9	77.2	84.4	78.2	58.5	32.4	35.1	37.6	39.7	41.6	42.8	43.6	43.8	43.4
70	6.07	7.12	9.13	13.0	18.6	25.0	30.2	33.2	31.1	23.0	19.5	21.0	22.3	23.4	24.2	24.8	25.2	25.2	25.0
80	6.07	6.45	6.87	7.43	8.21	9.10	9.88	10.4	10.3	9.32	9.63	10.0	10.3	10.6	10.8	11.0	11.0	11.0	10.9
90	6.07	5.90	5.72	5.54	5.37	5.19	5.01	4.84	4.66	4.48	4.43	4.38	4.33	4.27	4.22	4.17	4.12	4.07	4.01
100	6.07	5.48	5.10	4.84	4.68	4.60	4.55	4.49	4.45	4.41	4.43	4.45	4.46	4.47	4.48	4.49	4.48	4.46	4.44
110	6.07	5.23	4.92	4.90	4.92	4.96	5.02	5.08	5.15	5.19	5.30	5.42	5.54	5.65	5.74	5.81	5.86	5.89	5.90
120	6.07	5.10	5.02	5.10	5.25	5.42	5.61	5.80	5.96	6.11	6.25	6.47	6.69	6.86	7.01	7.12	7.20	7.25	7.26
130	6.07	5.05	5.13	5.34	5.62	5.93	6.25	6.56	6.84	7.08	7.27	7.48	7.74	7.98	8.17	8.35	8.49	8.57	8.59
140	6.07	5.08	5.26	5.58	6.00	6.44	6.90	7.34	7.73	8.07	8.33	8.57	8.97	9.47	10.0	10.5	10.9	11.2	11.4
150	6.07	5.12	5.37	5.82	6.35	6.93	7.52	8.08	8.59	9.05	9.55	9.99	10.4	10.8	11.5	12.0	12.4	12.6	12.7
160	6.07	5.16	5.48	6.00	6.65	7.34	8.06	8.74	9.37	10.1	10.7	11.3	11.9	12.4	12.9	13.6	14.1	14.4	14.4
170	6.07	5.19	5.57	6.17	6.89	7.66	8.48	9.28	10.1	10.9	11.6	12.4	13.2	14.0	14.7	15.5	16.0	16.5	16.8
180	6.07	5.21	5.62	6.26	7.04	7.86	8.75	9.65	10.5	11.4	12.2	13.1	14.1	15.0	15.8	16.3	16.8	17.1	17.1

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NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--2

UNIT: ×10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	17.0	16.8	16.3	15.7	15.0	14.3	13.2	12.0	11.0	10.4	10.1	9.61	9.11	8.67	8.37	8.34	8.70	9.55	
-170	16.5	16.5	16.0	15.4	14.7	14.0	13.1	12.1	11.2	10.6	10.0	9.51	9.00	8.56	8.27	8.28	8.67	9.55	
-160	14.9	14.9	14.8	14.5	14.0	13.3	12.6	11.9	11.1	10.5	9.86	9.31	8.81	8.40	8.15	8.22	8.65	9.55	
-150	13.1	13.2	13.2	13.1	13.1	12.7	12.1	11.5	10.8	10.1	9.45	8.95	8.53	8.22	8.06	8.18	8.65	9.55	
-140	11.0	11.3	11.5	11.6	11.7	11.7	11.3	10.6	9.91	9.34	8.89	8.51	8.20	8.01	7.96	8.18	8.67	9.55	
-130	9.37	9.64	9.84	9.91	9.90	9.78	9.57	9.24	8.84	8.53	8.25	8.02	7.87	7.80	7.90	8.20	8.73	9.55	
-120	7.72	7.89	8.01	8.09	8.10	8.11	8.07	8.02	7.89	7.75	7.64	7.57	7.57	7.68	7.91	8.28	8.82	9.55	
-110	6.20	6.37	6.52	6.65	6.76	6.85	6.93	7.01	7.03	7.08	7.15	7.27	7.44	7.67	8.00	8.41	8.93	9.55	
-100	5.18	5.37	5.55	5.73	5.90	6.07	6.24	6.39	6.52	6.74	6.97	7.24	7.53	7.86	8.24	8.63	9.06	9.55	
-90	6.03	6.13	6.23	6.33	6.42	6.52	6.62	6.72	6.82	7.13	7.43	7.73	8.04	8.34	8.64	8.94	9.25	9.55	
-80	11.1	11.1	11.0	10.8	10.5	10.2	9.90	9.55	9.21	9.25	9.25	9.23	9.20	9.18	9.22	9.32	9.43	9.55	
-70	27.5	27.3	26.7	25.8	24.6	23.2	21.5	19.6	19.2	19.6	17.6	15.1	13.0	11.5	10.6	9.92	9.64	9.55	
-60	49.5	49.0	47.9	46.3	44.2	41.6	38.5	34.9	47.9	53.7	49.5	38.6	26.4	17.4	12.9	10.9	9.90	9.55	
-50	81.2	80.4	75.0	70.1	65.9	60.9	56.1	74.8	106	119	112	89.9	60.6	33.7	17.9	12.3	10.2	9.55	
-40	793	775	720	661	589	307	119	158	188	203	201	165	114	62.4	27.2	13.9	10.6	9.55	
-30	1054	1043	1029	1005	978	920	789	445	306	303	289	254	179	100	41.0	16.5	11.0	9.55	
-20	1088	1082	1071	1056	1023	979	913	814	554	429	387	339	249	140	55.9	19.0	11.3	9.55	
-10	1093	1090	1085	1062	1031	988	931	857	744	560	485	409	309	173	69.3	20.7	11.5	9.55	
0	1110	1103	1088	1061	1024	973	912	842	765	677	574	470	352	193	76.3	21.6	11.6	9.55	
10	1078	1068	1062	1047	1018	976	923	857	771	647	486	408	308	172	69.1	20.6	11.5	9.55	
20	1072	1061	1045	1024	999	960	909	837	721	504	386	337	248	139	55.7	18.8	11.2	9.55	
30	1046	1033	1012	985	962	922	848	725	480	304	285	252	177	99.6	40.7	16.2	10.8	9.55	
40	873	870	859	832	775	701	534	242	184	198	197	163	112	61.6	26.8	13.6	10.4	9.55	
50	204	242	245	189	119	61.5	49.4	67.7	100.0	115	108	87.8	59.2	33.0	17.5	11.9	10.0	9.55	
60	43.3	42.7	41.5	39.9	37.8	35.3	32.6	29.6	43.5	50.4	47.2	37.2	25.6	16.7	12.3	10.5	9.68	9.55	
70	24.9	24.5	23.8	22.9	21.8	20.4	18.8	17.1	17.1	18.0	16.4	14.0	12.0	10.6	9.88	9.45	9.40	9.55	
80	10.7	10.5	10.2	9.78	9.32	8.82	8.26	7.70	7.21	7.44	7.63	7.80	8.00	8.21	8.47	8.81	9.18	9.55	
90	4.08	4.14	4.20	4.26	4.32	4.38	4.44	4.50	4.56	5.11	5.67	6.22	6.78	7.33	7.89	8.44	9.00	9.55	
100	4.56	4.66	4.76	4.85	4.93	5.00	5.06	5.12	5.18	5.50	5.84	6.21	6.62	7.09	7.61	8.19	8.82	9.55	
110	6.03	6.13	6.21	6.25	6.27	6.26	6.24	6.18	6.19	6.26	6.38	6.54	6.78	7.10	7.51	8.04	8.72	9.55	
120	7.49	7.68	7.81	7.87	7.88	7.81	7.68	7.50	7.32	7.19	7.10	7.05	7.09	7.24	7.53	7.97	8.64	9.55	
130	8.94	9.22	9.44	9.62	9.71	9.71	9.51	9.08	8.62	8.22	7.89	7.65	7.51	7.47	7.60	7.96	8.58	9.55	
140	11.6	11.6	11.6	11.5	11.3	11.2	11.0	10.5	9.88	9.24	8.71	8.26	7.94	7.76	7.74	8.00	8.55	9.55	
150	12.9	13.0	13.0	12.9	12.7	12.3	11.7	11.1	10.6	10.0	9.38	8.82	8.36	8.04	7.90	8.05	8.56	9.55	
160	14.6	14.6	14.4	14.1	13.6	13.1	12.4	11.6	10.9	10.4	9.85	9.24	8.71	8.29	8.05	8.13	8.59	9.55	
170	16.5	16.1	15.7	15.2	14.5	13.8	12.9	12.0	11.1	10.5	10.0	9.49	8.95	8.51	8.22	8.23	8.64	9.55	
180	17.0	16.8	16.3	15.7	15.0	14.3	13.2	12.0	11.0	10.4	10.1	9.61	9.11	8.67	8.37	8.34	8.70	9.55	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks: