

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	771.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	2.0 degrees horizontal

Beam Spread	At 10% of Imax	97.7V x 132.2H
	At 50% of Imax	39.5V x 106.8H
	At 90% of Imax	11.7V x 64.6H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	907.0 lumens per klm.
	To 50% of Imax	632.5 lumens per klm.
	To 90% of Imax	215.9 lumens per klm.

Upward LOR	2.1 %
Downward LOR	97.9 %

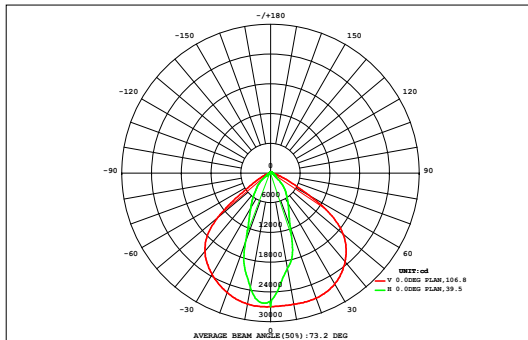
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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:218.32V I:0.9257A P:199.29W PF:0.9862 Freq:49.99Hz Lamp Flux:35014.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:175.69lm/W	
MODEL		Imax (cd)	27000
NOMINAL POWER(W)	200	AVAILABILITY(%)	90.9
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	31813
NOMINAL FLUX(lm)	35014.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	35014
TEST VOLTAGE (V)	220	θ @50% (H,V)	107,40DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.22	0.68	1.17	1.66	2.08	2.63	3.16	3.56	3.77	3.65	3.21	2.66	2.07	1.57	1.36	1.11	0.74	0.27	35.6	0.00
90	0.22	0.68	1.17	1.66	2.08	2.63	3.16	3.56	3.77	3.65	3.21	2.66	2.07	1.57	1.36	1.11	0.74	0.27	35.6	0.00
80	0.25	1.05	2.47	4.22	5.62	7.42	9.07	10.1	10.4	10.0	9.08	7.53	5.60	3.74	2.51	1.55	0.85	0.28	91.7	0.00
70	0.31	1.78	5.16	9.91	12.3	14.4	17.8	20.2	21.1	20.6	18.8	15.8	12.1	8.79	5.60	2.68	1.08	0.29	189	0.00
60	0.38	2.85	9.76	19.6	24.6	25.7	36.9	45.3	48.1	45.8	39.4	29.7	20.3	16.5	11.1	4.81	1.47	0.32	383	0.00
50	0.47	4.32	16.4	37.3	63.3	64.3	83.3	106	116	112	95.8	69.4	46.0	34.6	20.0	8.08	2.03	0.34	880	587
40	0.57	6.06	25.4	72.8	141	143	142	182	199	194	167	119	112	83.3	35.2	12.5	2.73	0.37	1640	1553
30	0.65	7.88	36.9	128	232	263	258	323	350	354	326	233	223	167	61.1	17.8	3.50	0.40	2987	2932
20	0.73	9.55	50.0	188	327	404	467	562	609	614	566	449	357	261	97.2	23.4	4.20	0.42	4991	4948
10	0.77	10.8	61.6	240	419	548	656	730	777	780	723	620	492	348	131	28.1	4.69	0.44	6571	6534
0	0.77	10.8	61.6	239	418	544	638	693	690	713	687	602	488	347	131	28.1	4.69	0.44	6298	6262
-10	0.73	9.55	50.0	187	325	394	429	485	511	517	495	406	350	260	96.6	23.5	4.20	0.42	4544	4501
-20	0.66	7.88	37.0	127	229	254	229	270	294	296	267	206	219	166	60.5	18.0	3.50	0.40	2684	2629
-30	0.57	6.05	25.5	72.0	137	137	129	163	178	174	151	112	109	80.5	35.4	12.6	2.74	0.38	1526	1436
-40	0.47	4.31	16.4	37.5	60.2	56.7	73.4	93.2	103	99.8	84.9	61.3	41.2	34.1	20.5	8.15	2.05	0.35	797	430
-50	0.39	2.85	9.73	19.9	25.1	24.0	32.2	38.3	38.7	37.0	34.1	28.0	21.0	17.4	11.4	4.84	1.50	0.32	347	0.00
-60	0.31	1.79	5.14	9.85	12.5	14.9	18.3	20.6	21.5	21.2	19.5	16.5	12.7	9.05	5.66	2.76	1.13	0.30	194	0.00
-70	0.26	1.09	2.52	4.24	5.57	7.40	9.20	10.3	10.6	10.3	9.36	7.80	5.83	3.97	2.72	1.69	0.91	0.29	94.1	0.00
-80	0.23	0.74	1.32	1.90	2.39	2.82	3.18	3.44	3.52	3.43	3.19	2.83	2.43	2.04	1.69	1.28	0.81	0.28	37.5	0.00
-90	0.23	0.74	1.32	1.90	2.39	2.82	3.18	3.44	3.52	3.43	3.19	2.83	2.43	2.04	1.69	1.28	0.81	0.28	37.5	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	8.73	90.0	418	1400	2443	2907	3235	3760	3985	4006	3699	2990	2520	1845	731	201	42.8	6.32	34289	---
Φ a	0.00	0.00	260	1262	2309	2743	3051	3581	3814	3832	3520	2802	2351	1695	565	27.9	0.00	0.00	---	31813

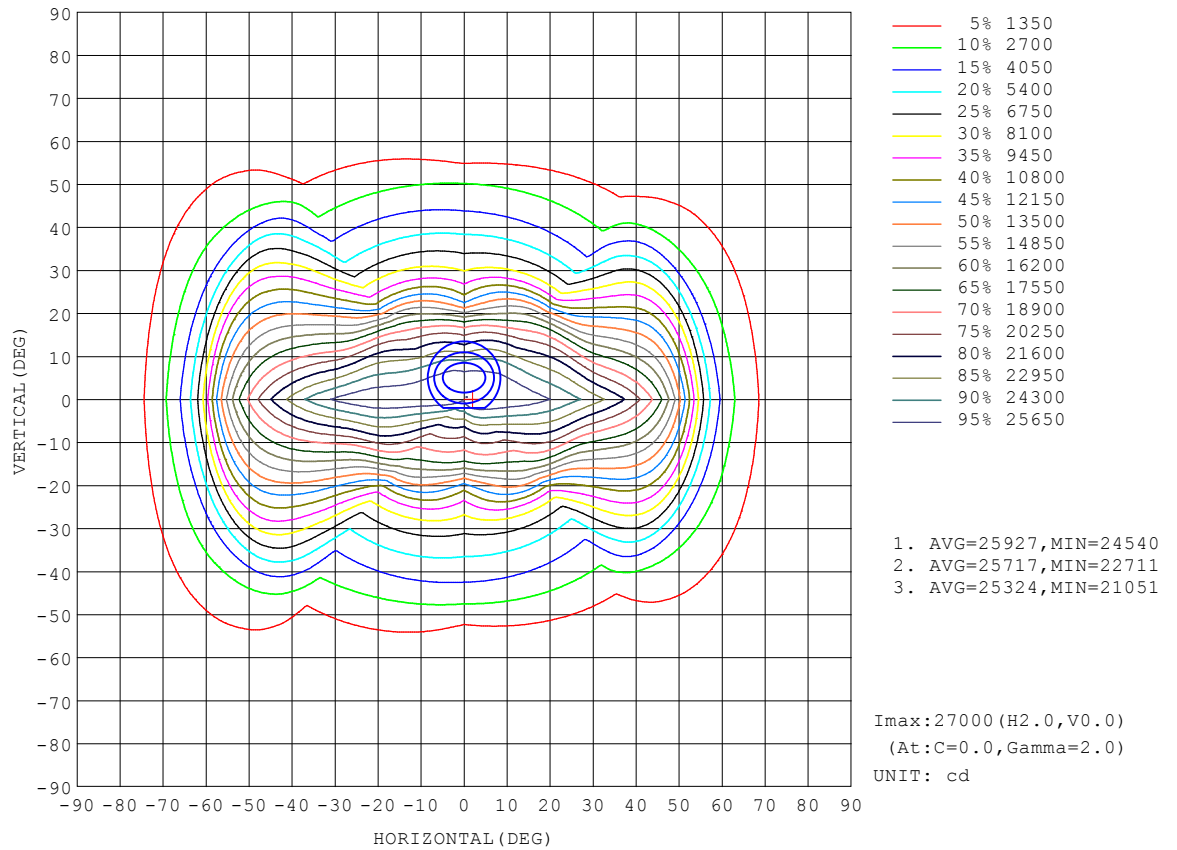
one-half-peak spread: U:18.5,D:17.3 , L:35.6,R:43.3, Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-31

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

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

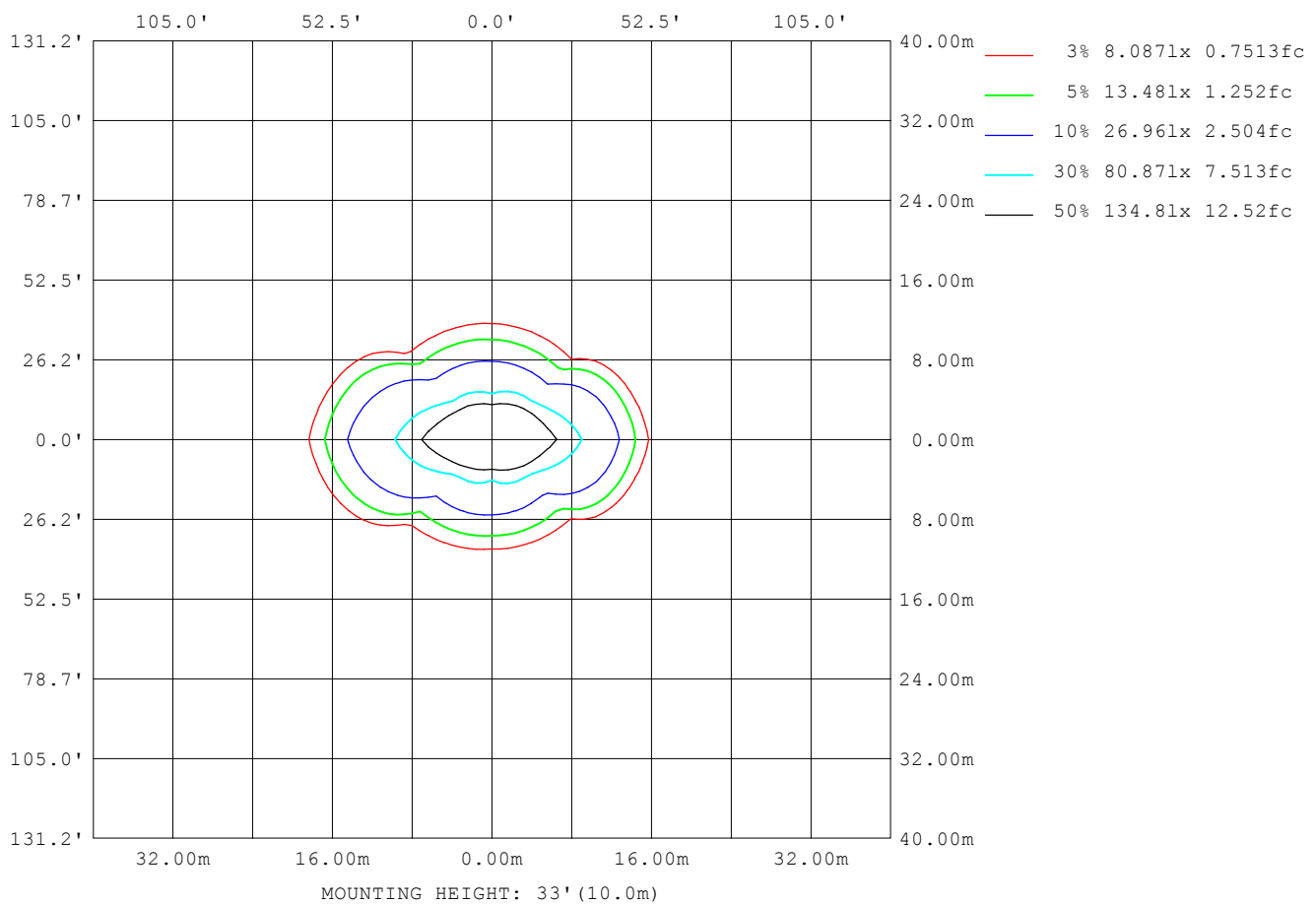


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ISOLUX DIAGRAM

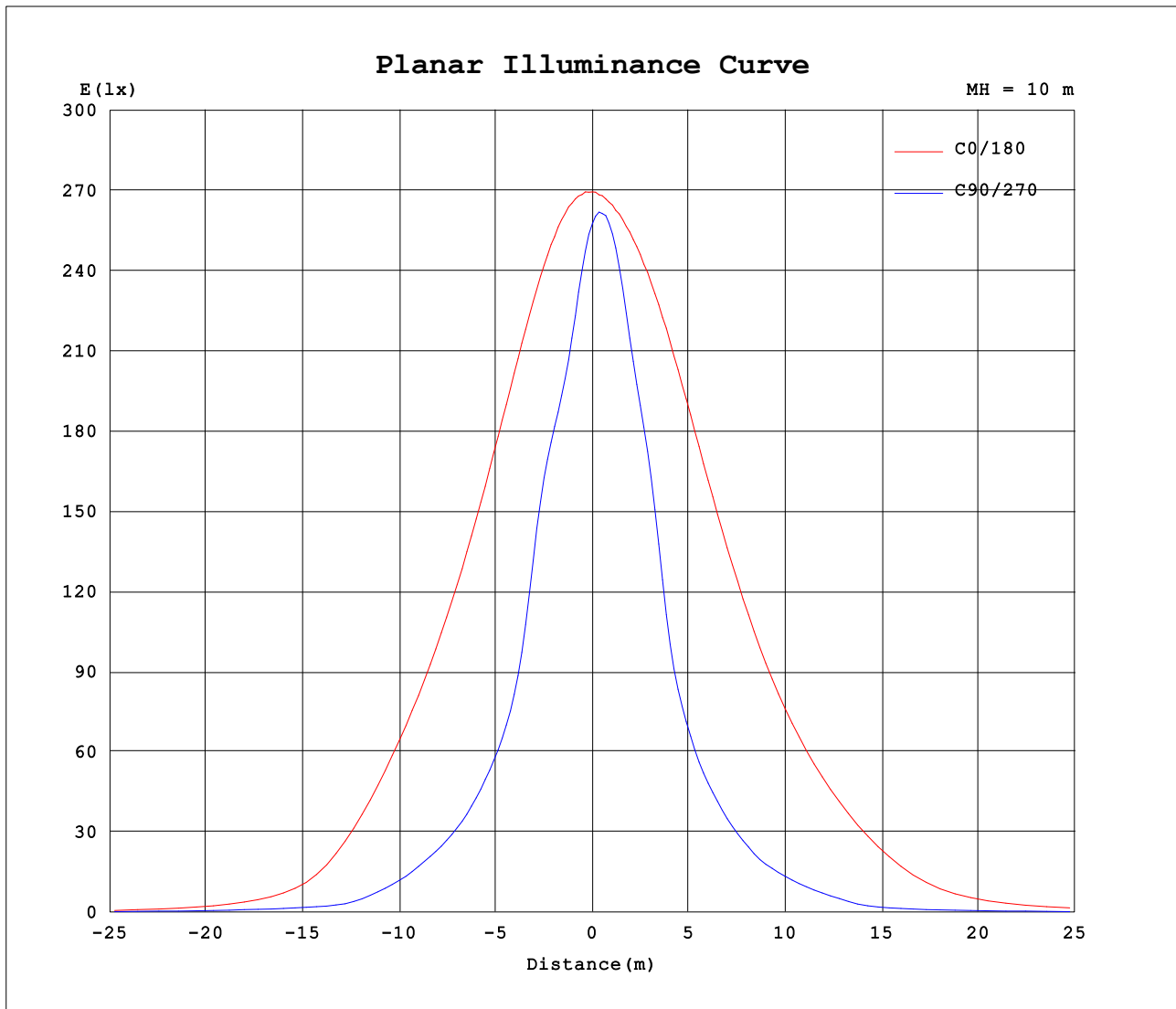
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Planar Illuminance Curve

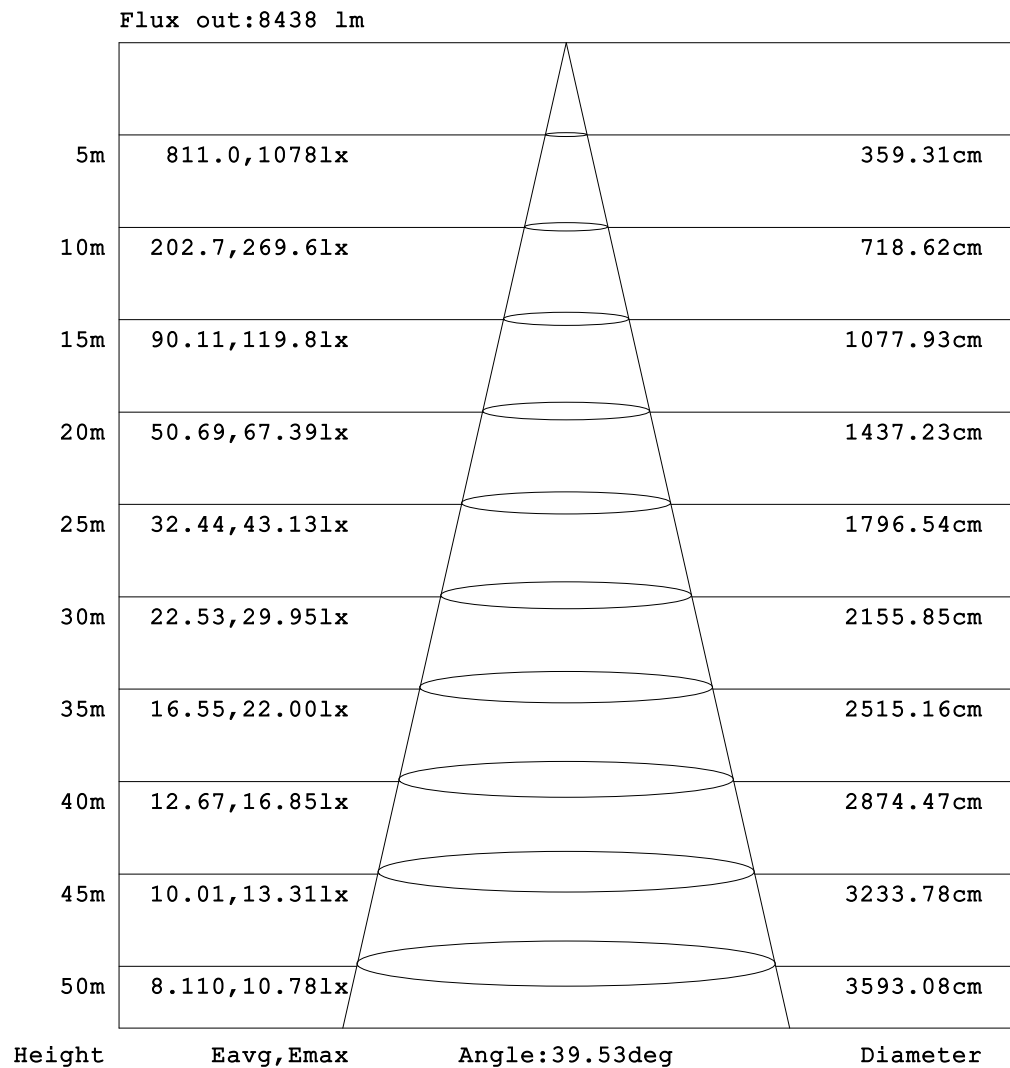


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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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Humidity: 65.0%
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Remarks:

AAI Figure

Test:U:218.32V I:0.9257A P:199.29W PF:0.9862 Freq:49.99Hz Lamp Flux:35014.3x1 lm		
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
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 Operators: Jason
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.32V I:0.9257A P:199.29W PF:0.9862 Freq:49.99Hz Lamp Flux:35014.3x1 lm		
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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	7.87	6.39	6.97	7.75	8.70	9.76	10.9	12.1	13.2	14.2	15.2	16.2	17.3	18.7	20.0	21.2	22.2	22.9	23.4
-170	7.87	6.41	6.96	7.68	8.54	9.48	10.5	11.6	12.6	13.6	14.6	15.5	16.6	17.7	18.8	19.8	20.7	22.6	24.2
-160	7.87	6.42	6.92	7.55	8.27	9.06	9.94	10.8	11.7	12.6	13.5	14.4	15.3	16.1	16.9	18.1	19.4	20.7	21.8
-150	7.87	6.42	6.85	7.36	7.93	8.56	9.23	9.93	10.6	11.3	12.0	12.7	13.4	14.1	15.1	16.1	17.0	17.9	18.5
-140	7.87	6.41	6.77	7.18	7.59	8.03	8.48	8.97	9.45	9.91	10.4	10.8	11.3	11.8	12.3	12.8	13.2	13.5	13.7
-130	7.87	6.40	6.70	7.00	7.28	7.56	7.82	8.07	8.32	8.56	8.78	9.01	9.25	9.43	9.57	9.68	9.75	9.73	9.60
-120	7.87	6.58	6.64	6.87	7.06	7.21	7.33	7.42	7.49	7.53	7.58	7.68	7.77	7.82	7.84	7.81	7.74	7.63	7.49
-110	7.87	6.90	6.61	6.80	6.95	7.07	7.13	7.16	7.15	7.10	7.06	7.01	6.97	6.93	6.89	6.84	6.78	6.71	6.63
-100	7.87	7.33	7.05	6.93	6.98	7.12	7.24	7.33	7.40	7.45	7.33	7.20	7.09	6.98	6.89	6.80	6.71	6.63	6.55
-90	7.87	7.94	8.01	8.09	8.16	8.23	8.31	8.38	8.45	8.52	8.40	8.27	8.14	8.01	7.88	7.75	7.62	7.50	7.37
-80	7.87	8.76	9.78	10.9	12.0	13.2	14.3	15.2	15.7	15.7	16.5	17.5	18.8	20.0	21.2	22.3	23.2	23.8	24.2
-70	7.87	9.82	12.7	16.8	22.0	27.6	32.4	36.5	39.1	38.8	40.4	44.1	47.0	48.8	49.8	50.2	50.2	49.6	48.4
-60	7.87	11.1	17.3	27.3	39.3	54.4	69.2	81.2	86.6	82.2	70.2	75.5	80.8	85.5	89.4	91.9	93.2	93.1	91.9
-50	7.87	12.6	23.5	41.1	66.6	96.9	128	154	172	173	145	122	148	173	187	197	204	202	192
-40	7.87	14.2	30.9	58.8	102	155	216	284	373	444	439	358	322	365	403	438	462	471	467
-30	7.87	15.8	38.0	79.3	143	228	346	541	765	866	855	774	651	564	633	694	732	738	711
-20	7.87	17.2	44.3	98.9	185	316	530	908	1184	1299	1323	1297	1230	1150	1086	1253	1341	1300	1172
-10	7.87	18.2	49.2	115	223	397	741	1252	1572	1737	1833	1885	1911	1948	2041	2041	1932	1980	1958
0	7.87	18.6	51.6	123	247	453	894	1514	1912	2156	2339	2481	2584	2650	2683	2691	2686	2687	2696
10	7.87	18.1	49.2	115	223	397	743	1258	1575	1745	1846	1917	1966	2070	2206	2245	2277	2364	2348
20	7.87	17.2	44.3	99.0	184	315	531	920	1194	1311	1344	1331	1305	1269	1316	1528	1606	1591	1499
30	7.87	15.8	38.0	79.4	143	227	344	547	785	880	873	806	694	637	733	806	844	845	803
40	7.87	14.1	30.9	59.0	102	154	215	283	381	474	465	374	352	403	443	471	488	496	489
50	7.87	12.4	23.4	41.1	66.9	97.0	127	152	170	172	157	154	184	205	230	253	268	275	273
60	7.87	10.9	17.1	27.2	39.3	54.8	69.7	80.8	84.8	79.3	66.5	72.7	78.3	83.4	88.3	91.8	92.7	90.8	86.9
70	7.87	9.58	12.4	16.5	21.7	27.5	32.4	36.9	39.9	39.6	41.1	44.0	46.1	47.8	49.1	49.9	50.3	50.1	49.3
80	7.87	8.50	9.29	10.2	11.3	12.5	13.6	14.5	15.1	15.1	16.6	17.9	18.9	19.5	20.1	20.4	20.5	20.5	20.3
90	7.87	7.68	7.50	7.31	7.13	6.94	6.76	6.57	6.39	6.20	6.18	6.16	6.15	6.13	6.11	6.09	6.07	6.05	6.04
100	7.87	7.08	6.53	6.12	5.93	5.89	5.86	5.83	5.80	5.76	5.79	5.83	5.86	5.89	5.90	5.91	5.91	5.90	5.89
110	7.87	6.65	6.11	6.15	6.21	6.28	6.34	6.39	6.43	6.45	6.51	6.57	6.63	6.65	6.65	6.63	6.59	6.53	6.45
120	7.87	6.35	6.23	6.39	6.57	6.77	6.95	7.13	7.28	7.40	7.50	7.64	7.75	7.81	7.85	7.84	7.80	7.73	7.61
130	7.87	6.19	6.39	6.67	6.99	7.33	7.68	8.00	8.30	8.56	8.76	8.96	9.22	9.48	9.69	9.88	9.98	10.0	9.97
140	7.87	6.24	6.54	6.95	7.42	7.94	8.45	8.96	9.43	9.86	10.2	10.6	11.0	11.6	12.1	12.5	12.9	13.2	13.3
150	7.87	6.29	6.69	7.22	7.85	8.53	9.23	9.92	10.6	11.2	11.8	12.4	13.0	13.6	14.4	15.2	15.9	16.5	16.9
160	7.87	6.34	6.82	7.47	8.23	9.05	9.93	10.8	11.7	12.5	13.3	14.1	14.8	15.5	16.1	17.1	18.4	19.7	20.8
170	7.87	6.37	6.91	7.64	8.52	9.48	10.5	11.6	12.6	13.5	14.4	15.3	16.3	17.3	18.3	19.1	19.8	21.5	23.1
180	7.87	6.39	6.97	7.75	8.70	9.76	10.9	12.1	13.2	14.2	15.2	16.2	17.3	18.7	20.0	21.2	22.2	22.9	23.2

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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	23.2	22.9	22.2	21.2	20.1	18.8	17.3	15.8	14.5	13.6	12.8	12.1	11.3	10.5	10.0	9.80	10.1	10.9	
-170	24.8	25.3	24.1	22.9	21.4	19.9	18.1	16.3	14.8	13.7	12.7	11.8	11.0	10.3	9.86	9.72	10.0	10.9	
-160	22.6	23.2	23.5	23.2	21.6	19.7	17.8	16.1	14.6	13.3	12.3	11.4	10.7	10.0	9.67	9.63	10.0	10.9	
-150	19.3	19.8	20.0	19.9	19.6	18.2	16.5	15.0	13.6	12.5	11.6	10.8	10.2	9.72	9.48	9.57	10.0	10.9	
-140	14.5	15.0	15.4	15.5	15.4	15.1	14.3	13.1	12.2	11.3	10.6	10.0	9.61	9.37	9.32	9.53	10.0	10.9	
-130	10.3	10.8	11.2	11.5	11.6	11.6	11.4	11.0	10.4	9.92	9.53	9.26	9.10	9.07	9.22	9.54	10.1	10.9	
-120	7.93	8.32	8.63	8.87	9.03	9.08	9.06	8.94	8.79	8.68	8.63	8.64	8.74	8.92	9.21	9.62	10.2	10.9	
-110	6.85	7.05	7.22	7.37	7.48	7.58	7.65	7.70	7.78	7.94	8.14	8.37	8.64	8.95	9.33	9.77	10.3	10.9	
-100	6.67	6.78	6.90	7.02	7.13	7.25	7.36	7.48	7.62	7.92	8.21	8.53	8.86	9.22	9.59	10.0	10.4	10.9	
-90	7.47	7.57	7.66	7.76	7.86	7.96	8.06	8.16	8.26	8.55	8.85	9.14	9.44	9.73	10.0	10.3	10.6	10.9	
-80	23.1	21.8	20.3	18.7	17.0	15.3	13.8	12.6	11.7	11.5	11.3	11.1	11.0	10.8	10.7	10.7	10.8	10.9	
-70	48.4	47.8	46.5	44.7	42.3	39.1	35.0	30.6	27.3	24.7	21.6	18.5	16.0	13.9	12.4	11.4	11.0	10.9	
-60	91.6	90.2	87.7	83.9	78.9	73.0	66.8	60.4	59.7	54.8	45.6	36.1	27.4	20.2	15.6	12.8	11.3	10.9	
-50	194	187	172	154	135	117	103	106	111	103	87.4	67.5	46.8	31.4	20.4	14.5	11.7	10.9	
-40	458	438	404	361	314	266	269	270	229	191	151	113	76.4	46.4	27.1	16.8	12.2	10.9	
-30	727	708	651	573	491	561	654	671	565	371	252	174	112	65.1	35.0	19.0	12.7	10.9	
-20	1314	1379	1309	1073	1058	1099	1139	1130	1015	725	405	247	152	85.0	42.5	21.1	13.0	10.9	
-10	2041	1992	2041	2013	1854	1743	1685	1608	1445	1100	599	327	188	101	48.4	22.7	13.3	10.9	
0	2700	2685	2641	2567	2475	2363	2231	2064	1818	1383	749	382	211	111	51.3	23.4	13.5	10.9	
10	2399	2340	2233	2153	1996	1802	1711	1613	1450	1102	603	326	187	101	48.4	22.6	13.3	10.9	
20	1594	1618	1585	1363	1183	1161	1158	1138	1021	734	409	246	151	84.7	42.5	21.0	13.0	10.9	
30	842	824	756	658	542	579	667	681	576	383	251	172	111	65.0	34.9	18.9	12.5	10.9	
40	479	454	423	384	339	284	281	293	240	189	149	111	75.6	46.3	26.9	16.5	12.0	10.9	
50	265	249	226	195	164	137	109	103	106	99.1	84.6	66.4	46.8	31.1	20.1	14.2	11.5	10.9	
60	86.9	85.6	82.7	78.7	74.1	68.7	62.1	55.6	56.2	53.2	45.5	35.9	27.0	19.7	15.1	12.3	11.1	10.9	
70	48.8	47.8	46.2	44.2	41.7	38.6	35.0	30.7	26.8	24.0	20.9	17.7	15.2	13.0	11.7	10.9	10.8	10.9	
80	19.7	18.9	18.0	16.9	15.6	14.5	13.1	11.5	9.84	9.73	9.62	9.54	9.59	9.68	9.87	10.2	10.6	10.9	
90	6.01	5.98	5.95	5.92	5.89	5.86	5.83	5.80	5.77	6.34	6.91	7.48	8.06	8.63	9.20	9.77	10.3	10.9	
100	5.99	6.09	6.18	6.26	6.33	6.39	6.43	6.45	6.48	6.81	7.16	7.54	7.96	8.43	8.95	9.53	10.2	10.9	
110	6.68	6.90	7.08	7.24	7.37	7.46	7.51	7.51	7.53	7.62	7.74	7.91	8.14	8.45	8.86	9.39	10.1	10.9	
120	7.98	8.30	8.57	8.78	8.92	8.99	9.00	8.94	8.81	8.68	8.57	8.51	8.52	8.64	8.89	9.33	9.99	10.9	
130	10.5	10.8	11.1	11.2	11.2	11.1	11.0	10.7	10.3	9.88	9.54	9.25	9.04	8.94	9.02	9.33	9.94	10.9	
140	13.9	14.3	14.5	14.5	14.3	14.0	13.3	12.4	11.7	11.1	10.5	10.0	9.61	9.32	9.21	9.38	9.92	10.9	
150	17.6	17.9	18.1	18.0	17.7	16.6	15.3	14.1	13.0	12.2	11.4	10.8	10.2	9.70	9.42	9.47	9.93	10.9	
160	21.3	21.5	21.4	20.9	19.6	18.2	16.7	15.3	14.0	13.0	12.1	11.4	10.7	10.0	9.64	9.57	9.96	10.9	
170	23.5	23.8	22.9	21.7	20.4	19.0	17.4	15.9	14.5	13.5	12.6	11.8	11.0	10.3	9.84	9.69	10.0	10.9	
180	23.2	22.9	22.2	21.2	20.1	18.8	17.3	15.8	14.5	13.6	12.8	12.1	11.3	10.5	10.0	9.80	10.1	10.9	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-31

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