

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	767.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	96.9V x 133.4H
	At 50% of Imax	38.7V x 109.1H
	At 90% of Imax	16.1V x 60.4H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	907.3 lumens per klm.
	To 50% of Imax	635.3 lumens per klm.
	To 90% of Imax	217.5 lumens per klm.

Upward LOR	2.1 %
Downward LOR	97.9 %

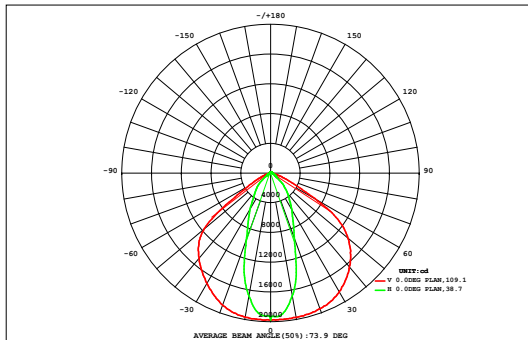
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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:218.43V I:0.6941A P:149.87W PF:0.9885 Freq:49.99Hz Lamp Flux:25769.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:171.95lm/W	
MODEL		Imax(cd)	19780
NOMINAL POWER(W)	150	AVAILABILITY(%)	91.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	23441
NOMINAL FLUX(lm)	25769.8	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	25770
TEST VOLTAGE(V)	220	θ @50% (H,V)	109,39DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.15	0.45	0.76	1.03	1.23	1.49	1.73	1.90	1.96	1.92	1.78	1.56	1.31	1.08	0.99	0.83	0.57	0.21	20.9	0.00
90	0.15	0.45	0.76	1.03	1.23	1.49	1.73	1.90	1.96	1.92	1.78	1.56	1.31	1.08	0.99	0.83	0.57	0.21	20.9	0.00
80	0.17	0.67	1.52	2.55	3.24	4.27	5.31	5.97	6.16	6.00	5.51	4.62	3.46	2.38	1.70	1.10	0.64	0.22	55.5	0.00
70	0.20	1.13	3.33	6.40	7.79	8.99	11.1	12.7	13.4	13.2	12.2	10.3	7.96	5.93	3.94	1.93	0.79	0.23	121	0.00
60	0.25	1.86	6.59	13.5	16.5	15.3	21.7	26.6	27.9	27.0	24.2	18.9	13.3	11.9	8.36	3.60	1.09	0.24	239	0.00
50	0.31	2.90	11.5	26.5	44.1	40.0	50.8	66.0	73.5	71.8	61.6	44.9	31.5	26.6	15.9	6.32	1.54	0.26	576	293
40	0.37	4.15	18.1	53.6	100	94.1	90.7	119	130	127	113	81.4	81.5	68.5	29.1	10.1	2.12	0.28	1123	1061
30	0.43	5.49	26.8	95.6	163	179	175	210	233	237	212	163	161	135	52.5	14.8	2.77	0.30	2067	2029
20	0.48	6.73	36.8	139	229	282	318	378	421	427	393	308	257	202	85.4	19.8	3.38	0.32	3508	3479
10	0.51	7.65	45.8	177	296	388	463	527	563	566	527	445	355	264	116	24.1	3.82	0.33	4769	4744
0	0.51	7.67	45.9	177	296	388	463	528	563	575	533	444	356	265	116	24.1	3.84	0.33	4788	4763
-10	0.48	6.78	37.0	140	231	284	320	377	416	427	396	307	259	204	85.9	20.0	3.42	0.32	3516	3487
-20	0.43	5.57	27.1	96.4	165	184	178	214	235	238	213	165	165	137	53.2	15.1	2.84	0.31	2096	2059
-30	0.37	4.24	18.5	54.5	102	99.3	98.1	128	140	138	121	88.6	86.6	70.4	30.1	10.5	2.20	0.29	1193	1134
-40	0.31	2.99	11.8	27.6	46.0	43.4	56.3	73.2	81.9	80.2	68.8	50.3	34.8	28.5	16.9	6.68	1.62	0.27	632	393
-50	0.26	1.95	6.95	14.5	18.4	18.0	24.9	30.2	31.7	30.8	27.7	22.1	16.2	13.8	9.25	3.92	1.17	0.25	272	0.00
-60	0.21	1.21	3.62	7.14	9.24	11.1	13.7	15.7	16.5	16.3	15.1	12.9	9.98	7.26	4.60	2.20	0.87	0.24	148	0.00
-70	0.18	0.75	1.76	3.07	4.17	5.50	6.77	7.57	7.82	7.64	7.05	5.98	4.59	3.22	2.17	1.32	0.71	0.23	70.5	0.00
-80	0.16	0.52	0.94	1.39	1.81	2.15	2.43	2.59	2.62	2.57	2.44	2.21	1.91	1.60	1.32	1.00	0.63	0.22	28.5	0.00
-90	0.15	0.45	0.76	1.03	1.23	1.49	1.73	1.90	1.96	1.92	1.78	1.56	1.31	1.08	0.99	0.83	0.57	0.21	20.9	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	5.76	62.7	305	1037	1734	2049	2301	2724	2966	2994	2735	2175	1848	1448	633	167	34.0	4.84	25223	---
Φ a	0.00	0.00	191	940	1639	1931	2164	2594	2840	2868	2604	2037	1728	1343	520	41.3	0.00	0.00	---	23441

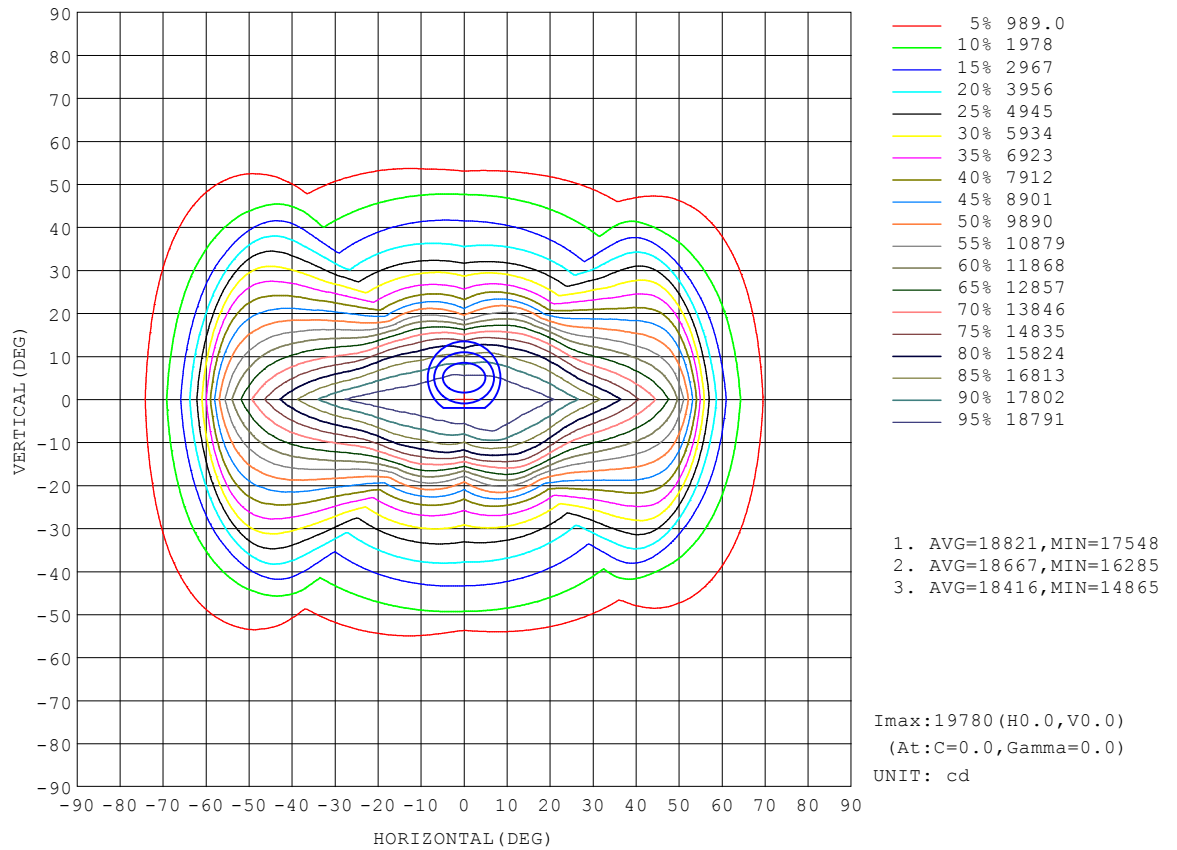
one-half-peak spread: U:16.3,D:17.7 , L:39.1,R:42.1,Beam Type: Type 7 x 5 (H x V)

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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SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

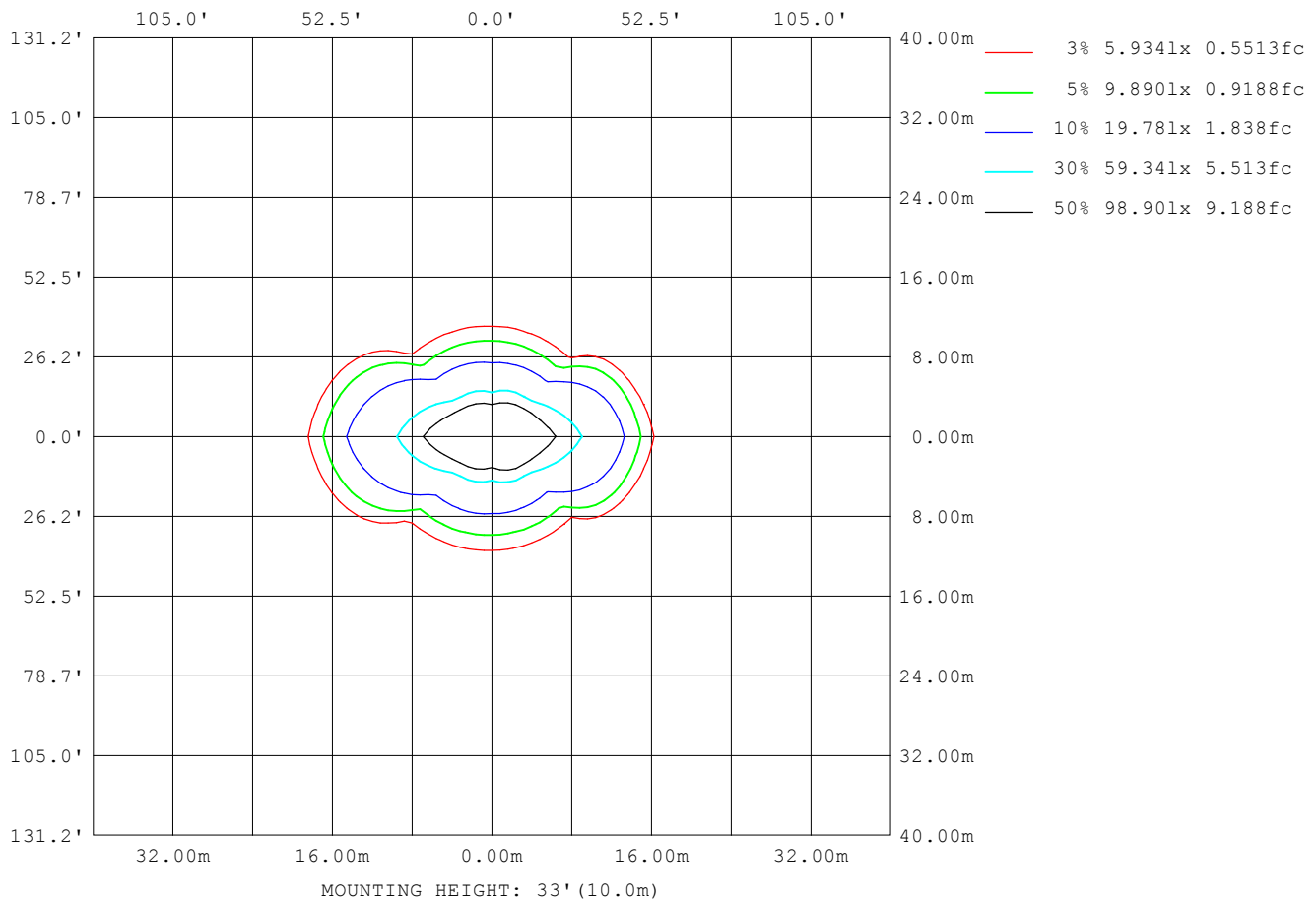


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ISOLUX DIAGRAM

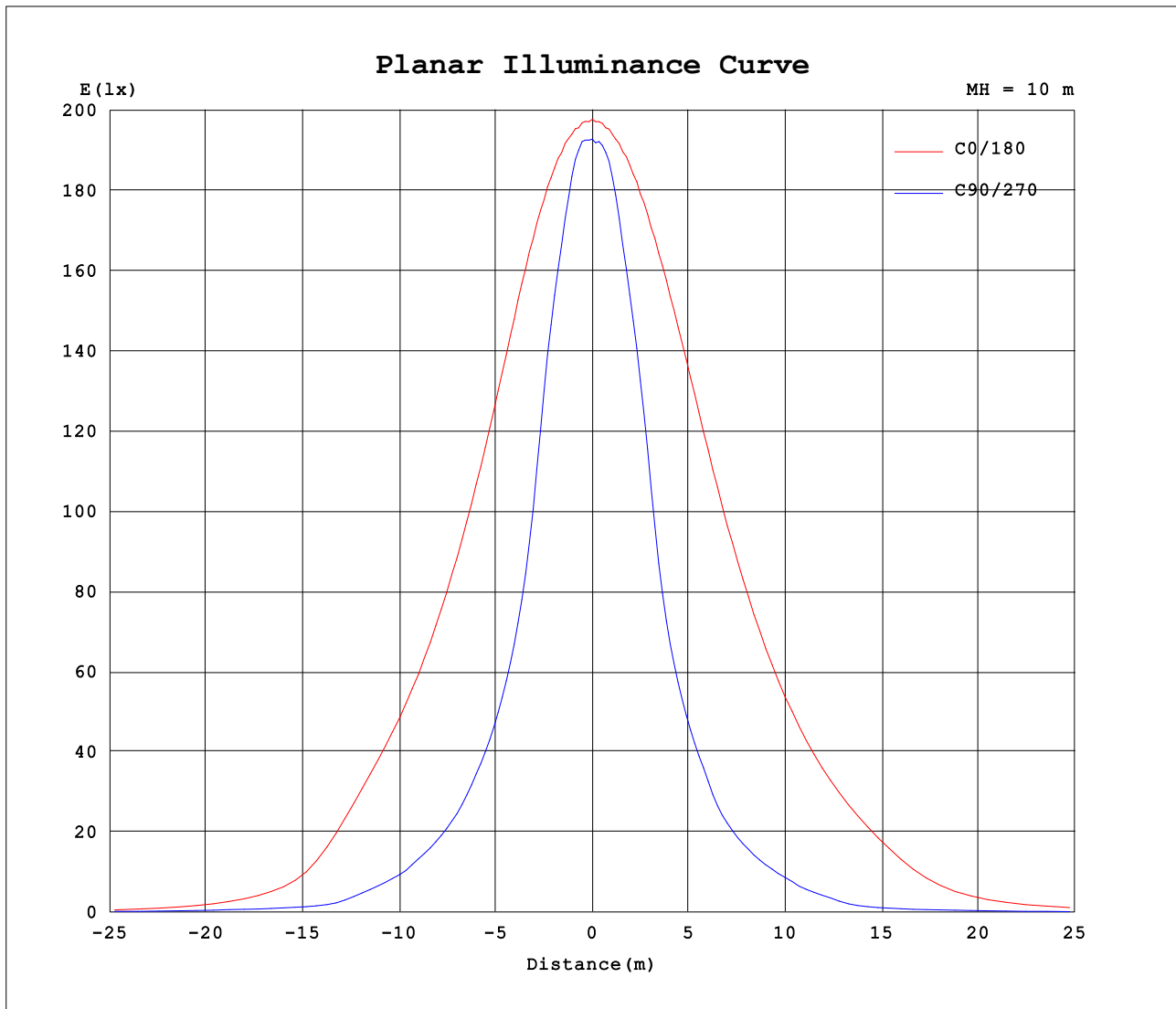
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Remarks:

Planar Illuminance Curve

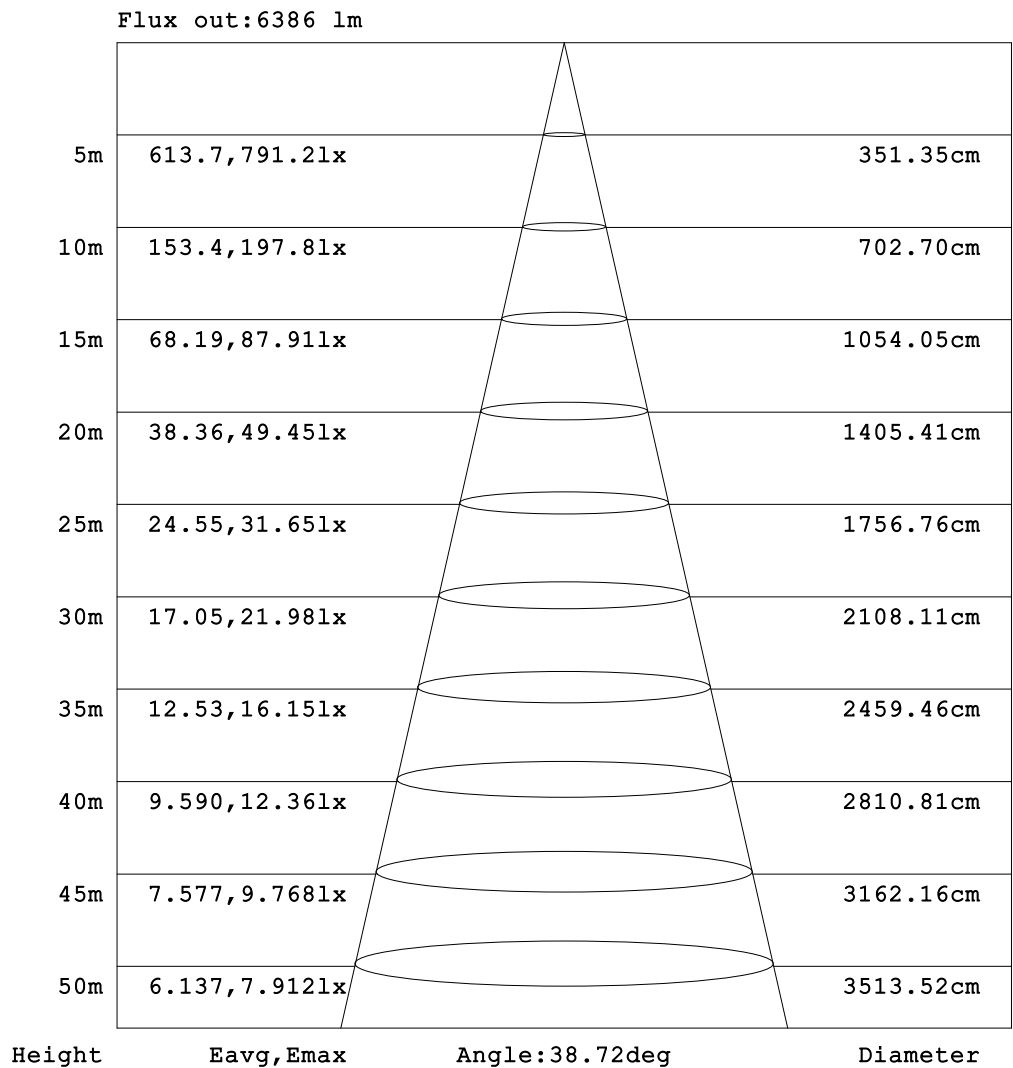


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C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-31

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 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:

AAI Figure

Test:U:218.43V I:0.6941A P:149.87W PF:0.9885 Freq:49.99Hz Lamp Flux:25769.8x1 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
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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.43V I:0.6941A P:149.87W PF:0.9885 Freq:49.99Hz Lamp Flux:25769.8x1 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	5.43	4.86	5.33	5.96	6.70	7.53	8.43	9.35	10.3	11.1	11.8	12.6	13.6	14.6	15.6	16.5	17.3	17.8	18.1
-170	5.43	4.88	5.31	5.88	6.54	7.28	8.08	8.88	9.69	10.5	11.2	11.9	12.7	13.5	14.2	14.9	15.3	16.8	18.1
-160	5.43	4.88	5.27	5.75	6.31	6.92	7.59	8.24	8.89	9.55	10.2	10.8	11.4	12.0	12.5	13.3	14.3	15.3	16.1
-150	5.43	4.87	5.21	5.61	6.04	6.50	6.99	7.48	7.97	8.43	8.90	9.32	9.76	10.2	10.9	11.6	12.2	12.7	13.1
-140	5.43	4.85	5.15	5.45	5.77	6.07	6.39	6.71	7.01	7.30	7.55	7.77	8.06	8.42	8.78	9.09	9.37	9.52	9.54
-130	5.43	4.85	5.09	5.31	5.52	5.70	5.87	6.01	6.15	6.26	6.35	6.47	6.63	6.74	6.81	6.85	6.83	6.75	6.61
-120	5.43	4.88	5.04	5.21	5.35	5.44	5.50	5.53	5.55	5.53	5.50	5.56	5.60	5.61	5.63	5.60	5.55	5.46	5.35
-110	5.43	4.98	5.00	5.16	5.26	5.34	5.37	5.37	5.33	5.26	5.21	5.16	5.12	5.08	5.04	4.99	4.94	4.88	4.82
-100	5.43	5.20	5.13	5.18	5.28	5.38	5.48	5.54	5.57	5.59	5.50	5.40	5.30	5.21	5.14	5.07	5.00	4.94	4.88
-90	5.43	5.55	5.67	5.79	5.90	6.02	6.14	6.26	6.37	6.49	6.40	6.30	6.21	6.12	6.03	5.93	5.84	5.75	5.66
-80	5.43	6.01	6.69	7.47	8.37	9.32	10.2	11.0	11.6	11.9	12.5	13.2	13.8	14.2	14.6	14.7	14.7	14.6	14.4
-70	5.43	6.62	8.56	11.4	15.1	18.9	23.1	26.5	28.8	28.9	30.5	33.2	35.2	36.7	37.7	38.5	38.8	38.7	38.2
-60	5.43	7.40	11.6	18.3	27.4	38.6	49.7	58.9	63.2	60.2	51.7	55.7	60.0	63.7	66.8	69.0	70.2	70.2	69.2
-50	5.43	8.33	15.7	28.1	46.9	69.3	92.7	113	126	129	109	95.4	119	135	148	164	177	184	184
-40	5.43	9.41	20.3	40.9	72.5	112	158	211	285	344	329	261	238	274	307	336	354	360	357
-30	5.43	10.5	25.1	55.5	102	166	256	414	583	629	611	560	484	438	503	559	591	595	573
-20	5.43	11.4	29.8	69.2	133	229	398	698	862	923	945	935	911	884	855	952	1042	1037	939
-10	5.43	11.9	33.5	80.8	161	290	567	940	1124	1233	1304	1352	1391	1427	1504	1609	1654	1701	1680
0	5.43	12.2	35.2	87.2	178	333	686	1125	1355	1520	1649	1756	1845	1907	1943	1965	1974	1976	1978
10	5.43	11.9	33.3	80.4	160	289	565	938	1120	1227	1296	1349	1386	1422	1513	1600	1639	1696	1682
20	5.43	11.3	29.5	68.5	132	227	395	694	856	914	931	921	905	874	841	953	1052	1047	958
30	5.43	10.3	24.7	54.6	101	164	252	410	575	619	595	538	455	424	487	535	566	575	555
40	5.43	9.21	19.8	39.9	70.7	109	154	205	278	336	319	243	214	249	280	303	318	323	318
50	5.43	8.10	15.2	27.1	45.1	66.4	88.6	107	118	120	99.5	85.4	105	123	135	149	159	163	161
60	5.43	7.15	11.0	17.3	25.7	36.1	46.2	54.1	57.1	52.3	42.0	45.5	49.2	52.3	54.9	57.0	58.2	57.8	56.4
70	5.43	6.36	7.99	10.5	13.7	17.0	20.4	23.0	24.4	23.4	24.3	26.5	28.3	29.4	30.3	30.8	31.0	30.8	30.2
80	5.43	5.75	6.15	6.62	7.18	7.75	8.22	8.58	8.69	8.44	9.04	9.78	10.2	10.5	10.9	11.1	11.2	11.1	11.0
90	5.43	5.30	5.17	5.04	4.91	4.78	4.65	4.51	4.38	4.25	4.26	4.26	4.27	4.27	4.28	4.28	4.29	4.29	4.30
100	5.43	4.97	4.68	4.55	4.50	4.47	4.46	4.44	4.41	4.38	4.42	4.44	4.46	4.46	4.47	4.47	4.46	4.45	4.44
110	5.43	4.77	4.63	4.68	4.73	4.79	4.84	4.89	4.93	4.95	5.01	5.06	5.08	5.10	5.08	5.06	5.02	4.96	4.89
120	5.43	4.69	4.75	4.87	5.02	5.18	5.34	5.48	5.62	5.72	5.80	5.91	5.98	6.02	6.04	6.02	5.98	5.90	5.80
130	5.43	4.70	4.86	5.09	5.36	5.64	5.92	6.18	6.42	6.62	6.79	6.96	7.18	7.37	7.55	7.71	7.81	7.85	7.81
140	5.43	4.73	4.99	5.31	5.71	6.11	6.52	6.94	7.31	7.66	7.98	8.28	8.62	9.06	9.47	9.83	10.2	10.4	10.5
150	5.43	4.78	5.10	5.54	6.03	6.57	7.13	7.68	8.23	8.75	9.25	9.69	10.1	10.6	11.2	11.8	12.4	12.8	13.1
160	5.43	4.82	5.20	5.71	6.33	6.99	7.70	8.39	9.08	9.76	10.4	11.0	11.6	12.1	12.6	13.3	14.2	15.2	15.9
170	5.43	4.85	5.28	5.87	6.56	7.31	8.14	8.96	9.79	10.6	11.3	12.0	12.8	13.5	14.2	14.9	15.3	16.7	17.9
180	5.43	4.86	5.33	5.96	6.70	7.53	8.43	9.35	10.3	11.1	11.8	12.6	13.6	14.6	15.6	16.5	17.3	17.8	17.9

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NAME:									TYPE:					WEIGHT:				
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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	17.9	17.7	17.1	16.4	15.5	14.5	13.3	12.1	11.0	10.2	9.65	9.07	8.48	7.94	7.56	7.44	7.71	8.43	
-170	18.8	19.3	18.4	17.4	16.3	15.1	13.7	12.3	11.1	10.2	9.49	8.85	8.26	7.75	7.43	7.37	7.68	8.43	
-160	16.9	17.3	17.6	17.4	16.1	14.7	13.2	11.9	10.7	9.83	9.12	8.49	7.94	7.52	7.27	7.31	7.66	8.43	
-150	13.8	14.3	14.5	14.5	14.3	13.3	12.0	10.9	9.94	9.16	8.52	7.99	7.55	7.26	7.15	7.26	7.66	8.43	
-140	10.2	10.7	11.0	11.1	11.0	10.8	10.2	9.46	8.79	8.22	7.76	7.39	7.13	7.02	7.04	7.26	7.69	8.43	
-130	7.15	7.59	7.94	8.16	8.28	8.25	8.12	7.82	7.47	7.18	6.97	6.82	6.77	6.82	6.98	7.27	7.75	8.43	
-120	5.66	5.94	6.16	6.33	6.42	6.47	6.45	6.40	6.34	6.32	6.35	6.42	6.55	6.73	7.00	7.35	7.82	8.43	
-110	4.97	5.10	5.23	5.34	5.43	5.51	5.57	5.62	5.70	5.89	6.07	6.29	6.53	6.80	7.12	7.48	7.91	8.43	
-100	4.96	5.05	5.14	5.23	5.32	5.41	5.52	5.62	5.74	5.97	6.22	6.49	6.76	7.05	7.36	7.69	8.03	8.43	
-90	5.73	5.81	5.89	5.96	6.04	6.12	6.19	6.27	6.35	6.58	6.81	7.04	7.27	7.50	7.73	7.97	8.20	8.43	
-80	14.2	13.9	13.5	13.0	12.4	11.7	11.0	10.1	9.37	9.13	8.89	8.66	8.49	8.37	8.31	8.31	8.36	8.43	
-70	38.1	37.6	36.6	35.2	33.4	31.1	28.3	25.0	22.2	20.1	17.5	14.9	12.4	10.7	9.61	8.89	8.56	8.43	
-60	69.2	68.3	66.6	64.0	60.4	56.2	51.6	46.7	47.1	44.1	37.4	29.2	21.9	16.1	12.0	9.85	8.80	8.43	
-50	180	169	153	133	116	96.7	80.7	83.4	89.3	84.0	71.1	55.1	38.1	25.1	16.0	11.2	9.07	8.43	
-40	353	340	316	282	247	210	222	241	196	160	126	93.1	62.7	37.5	21.5	12.7	9.39	8.43	
-30	589	577	536	471	396	432	500	537	496	330	216	146	93.2	53.9	27.9	14.5	9.74	8.43	
-20	1070	1101	996	848	831	837	845	850	815	647	356	214	128	70.2	34.1	16.4	10.0	8.43	
-10	1753	1737	1661	1527	1370	1292	1237	1180	1104	940	541	283	161	84.4	39.0	17.8	10.2	8.43	
0	1977	1969	1943	1890	1809	1712	1611	1497	1367	1163	682	333	182	92.6	41.4	18.4	10.3	8.43	
10	1719	1678	1627	1527	1377	1289	1234	1172	1099	936	539	281	160	83.8	38.7	17.7	10.2	8.43	
20	1069	1101	1024	846	824	831	834	835	805	641	353	211	126	69.1	33.5	16.1	9.94	8.43	
30	571	554	514	455	382	404	478	522	485	325	211	142	90.6	52.4	27.1	14.1	9.59	8.43	
40	316	304	282	255	223	187	203	231	189	152	120	88.8	60.0	35.9	20.5	12.2	9.21	8.43	
50	159	151	137	120	104	86.7	69.6	72.1	79.8	76.3	65.5	51.3	35.6	23.4	15.1	10.6	8.87	8.43	
60	56.5	55.8	54.2	51.8	48.9	45.2	41.2	37.2	39.6	38.4	33.0	26.1	19.7	14.6	11.0	9.32	8.58	8.43	
70	30.2	29.8	29.0	27.9	26.4	24.6	22.3	19.6	17.2	16.1	14.3	12.4	10.7	9.46	8.75	8.37	8.33	8.43	
80	10.7	10.4	9.99	9.49	8.90	8.42	7.81	6.95	6.27	6.50	6.69	6.86	7.07	7.30	7.55	7.84	8.13	8.43	
90	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.84	5.29	5.74	6.19	6.63	7.08	7.53	7.98	8.43	
100	4.52	4.60	4.68	4.74	4.80	4.85	4.88	4.91	4.95	5.19	5.45	5.76	6.08	6.45	6.87	7.33	7.83	8.43	
110	5.07	5.24	5.38	5.50	5.61	5.68	5.71	5.73	5.73	5.80	5.88	6.02	6.20	6.44	6.77	7.20	7.74	8.43	
120	6.09	6.33	6.53	6.71	6.81	6.87	6.86	6.83	6.70	6.59	6.51	6.46	6.47	6.57	6.78	7.14	7.68	8.43	
130	8.16	8.41	8.57	8.62	8.61	8.51	8.39	8.14	7.82	7.51	7.23	7.00	6.85	6.78	6.86	7.12	7.63	8.43	
140	10.9	11.2	11.3	11.3	11.1	10.8	10.2	9.51	8.93	8.43	7.99	7.59	7.26	7.05	6.98	7.15	7.59	8.43	
150	13.6	13.9	14.0	13.9	13.7	12.9	11.8	10.8	9.95	9.24	8.66	8.14	7.67	7.32	7.14	7.20	7.60	8.43	
160	16.2	16.3	16.3	16.0	15.2	14.1	12.9	11.7	10.7	9.85	9.18	8.59	8.03	7.57	7.28	7.27	7.62	8.43	
170	17.9	17.9	17.3	16.6	15.7	14.7	13.4	12.2	11.1	10.2	9.51	8.89	8.30	7.78	7.43	7.36	7.66	8.43	
180	17.9	17.7	17.1	16.4	15.5	14.5	13.3	12.1	11.0	10.2	9.65	9.07	8.48	7.94	7.56	7.44	7.71	8.43	

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: