

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	582.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-3.0 degrees horizontal

Beam Spread	At 10% of Imax	108.4V x 107.8H
	At 50% of Imax	84.6V x 83.6H
	At 90% of Imax	51.9V x 53.8H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	925.7 lumens per klm.
	To 50% of Imax	774.1 lumens per klm.
	To 90% of Imax	361.7 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

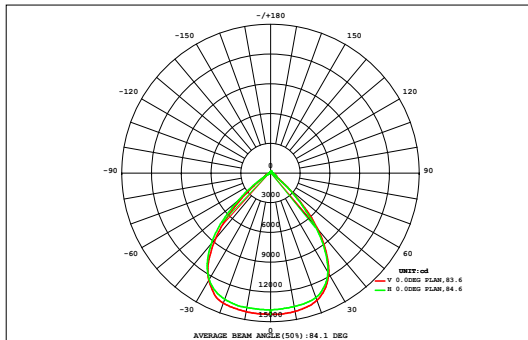
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:223.09V I:0.9076A P:198.97W PF:0.9826 Freq:49.99Hz Lamp Flux:24500.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:123.14lm/W	
MODEL		Imax (cd)	14265
NOMINAL POWER (W)	200	AVAILABILITY (%)	92.5
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	22652
NOMINAL FLUX (lm)	24500.2	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	24500
TEST VOLTAGE (V)	220	θ @50% (H,V)	84,85DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.13	0.42	0.74	1.12	1.55	1.97	2.36	2.67	2.87	2.93	2.85	2.63	2.31	1.90	1.45	0.99	0.58	0.19	29.6	0.00
90	0.13	0.42	0.74	1.12	1.55	1.97	2.36	2.67	2.87	2.93	2.85	2.63	2.31	1.90	1.45	0.99	0.58	0.19	29.6	0.00
80	0.14	0.53	1.16	2.02	3.08	4.27	5.35	6.14	6.55	6.67	6.51	5.90	4.93	3.73	2.57	1.56	0.75	0.20	62.0	0.00
70	0.15	0.70	1.71	3.52	5.92	8.35	10.6	12.5	13.8	14.0	13.1	11.4	9.26	6.83	4.34	2.26	0.98	0.23	120	0.00
60	0.17	0.88	2.63	5.62	9.09	14.5	26.2	44.4	60.3	61.5	47.0	28.7	16.2	10.4	6.59	3.36	1.22	0.25	339	180
50	0.19	1.09	3.70	7.42	15.1	42.0	96.3	157	199	202	166	107	49.3	17.8	8.78	4.52	1.51	0.28	1078	998
40	0.20	1.37	4.53	9.77	32.5	104	205	284	327	330	293	220	121	41.1	11.9	5.47	1.85	0.30	1994	1938
30	0.22	1.63	5.14	13.5	61.1	174	287	361	394	396	369	303	195	77.8	17.5	6.29	2.15	0.32	2664	2620
	0.23	1.80	5.61	17.7	88.7	221	334	395	416	417	401	347	244	111	24.8	6.97	2.36	0.34	3035	2996
	0.23	1.90	5.87	19.9	103	242	352	408	424	424	411	366	267	128	29.5	7.40	2.48	0.35	3193	3156
	0.23	1.90	5.84	19.1	99.6	239	351	407	423	423	410	364	264	125	28.7	7.37	2.48	0.34	3172	3134
	0.23	1.80	5.54	15.8	80.2	211	327	391	412	413	397	340	233	102	22.8	6.90	2.35	0.34	2963	2922
	0.22	1.61	5.04	11.8	49.6	153	268	346	381	383	354	283	174	66.4	15.8	6.19	2.13	0.32	2501	2453
-30	0.20	1.36	4.41	9.06	23.4	78.8	166	243	283	287	252	182	95.6	32.1	11.1	5.35	1.84	0.30	1676	1612
-40	0.19	1.07	3.61	7.07	12.5	26.4	60.6	102	129	132	111	71.2	33.7	15.2	8.42	4.43	1.49	0.28	720	618
-50	0.17	0.85	2.57	5.35	8.44	12.3	17.3	23.6	28.6	29.8	26.3	19.7	14.1	9.77	6.32	3.30	1.20	0.25	210	25.4
-60	0.15	0.67	1.64	3.39	5.60	7.60	9.42	10.8	11.5	11.8	11.5	10.3	8.51	6.50	4.22	2.19	0.95	0.23	107	0.00
-70	0.14	0.51	1.07	1.85	2.83	3.96	4.93	5.59	5.85	5.98	5.95	5.48	4.61	3.49	2.39	1.47	0.73	0.20	57.1	0.00
-80	0.14	0.43	0.75	1.09	1.45	1.80	2.10	2.33	2.46	2.53	2.51	2.37	2.13	1.80	1.42	1.00	0.59	0.19	27.1	0.00
-90	0.14	0.43	0.75	1.09	1.45	1.80	2.10	2.33	2.46	2.53	2.51	2.37	2.13	1.80	1.42	1.00	0.59	0.19	27.1	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.33	20.5	61.6	155	603	1547	2525	3203	3519	3542	3280	2670	1739	762	209	77.0	27.6	4.92	23948	---
Φ a	0.00	0.00	0.00	24.5	502	1460	2445	3126	3445	3467	3202	2589	1652	664	76.0	0.00	0.00	0.00	---	22652

one-half-peak spread: U:40.0,D:32.9 , L:37.7,R:38.1

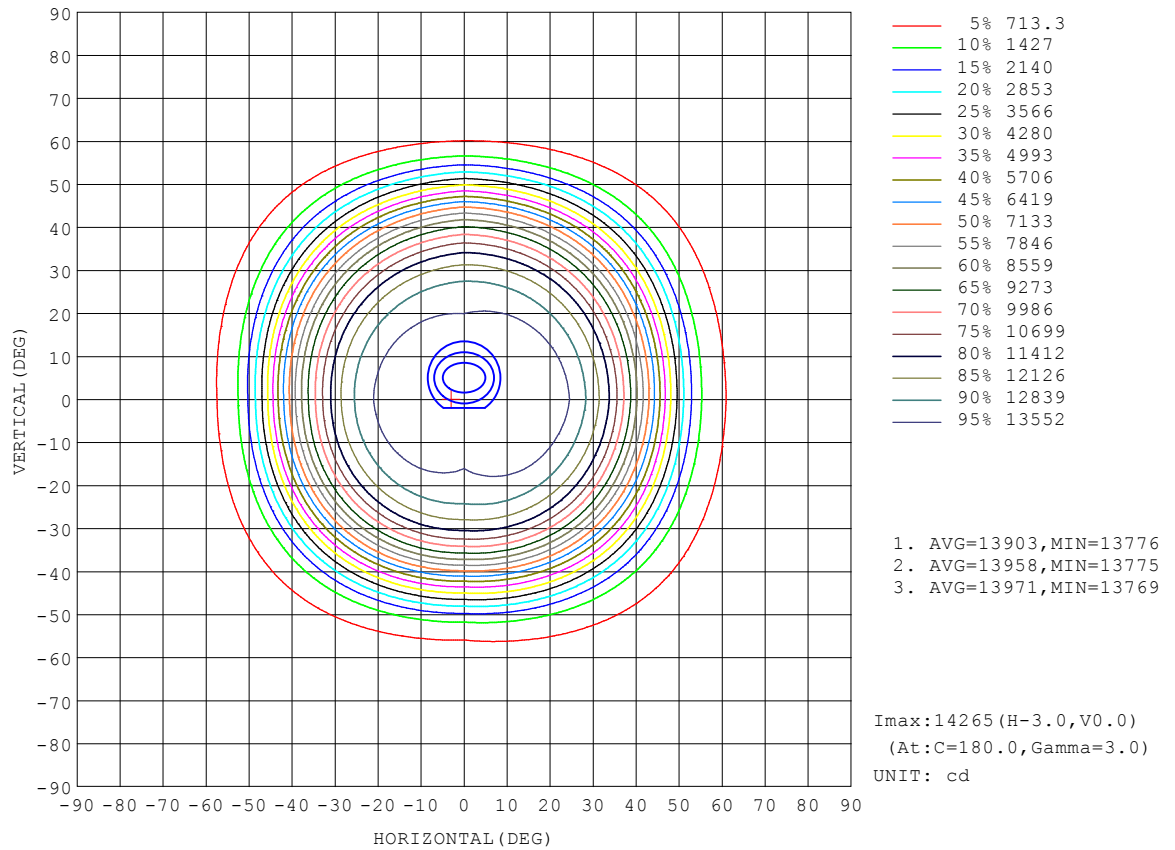
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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:223.09V I:0.9076A P:198.97W PF:0.9826 Freq:49.99Hz Lamp Flux:24500.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

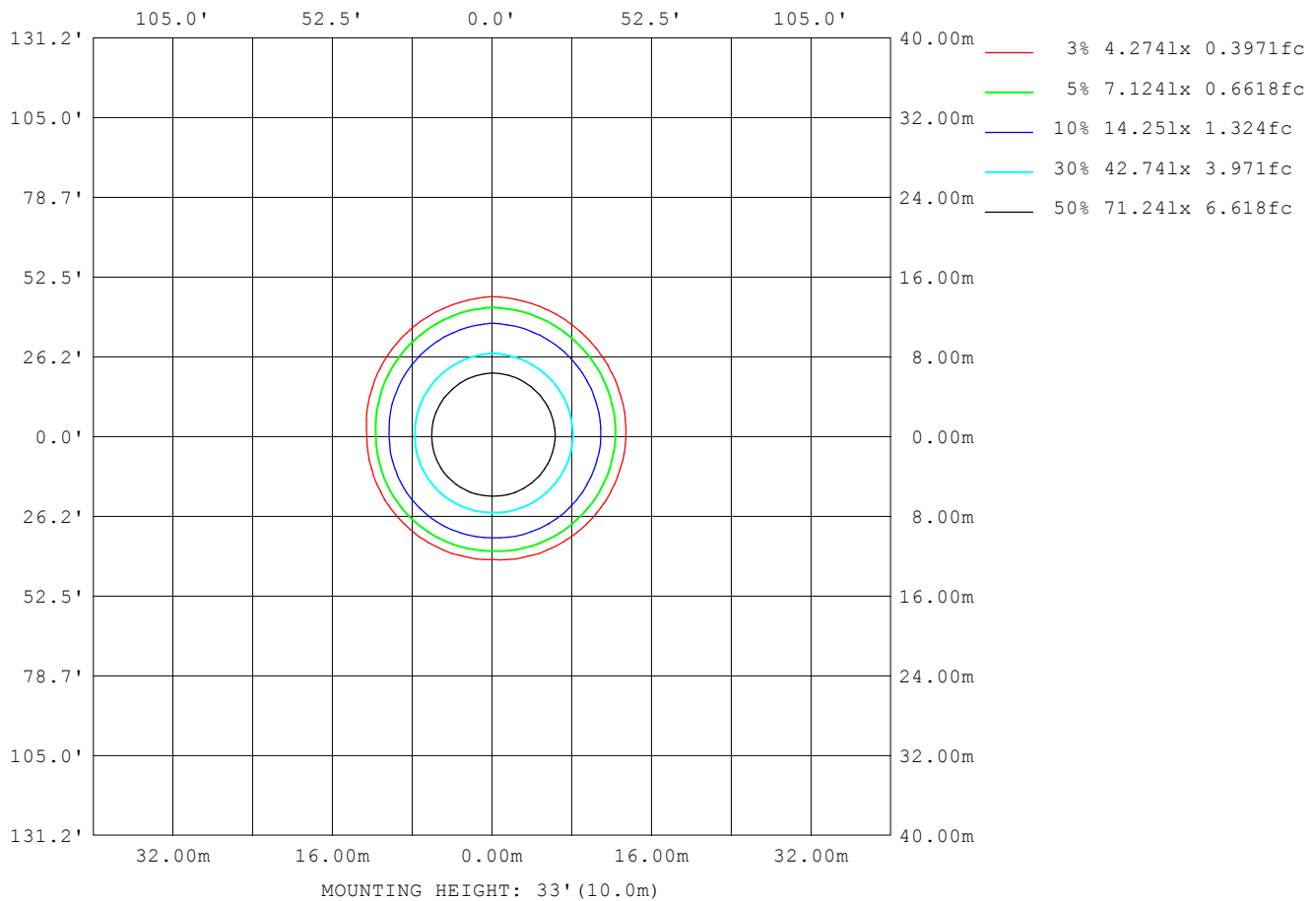


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ISOLUX DIAGRAM

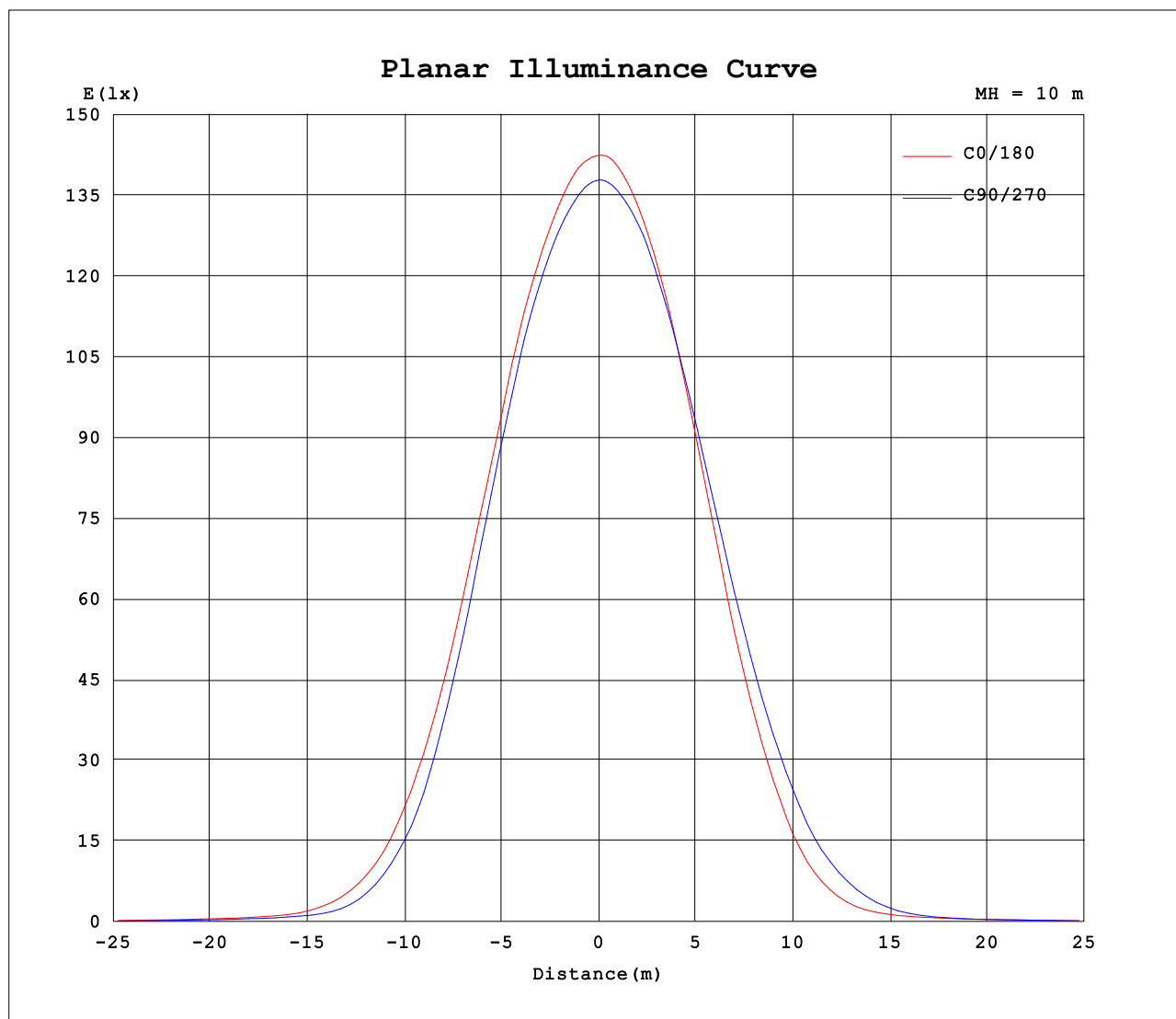
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Remarks:

Planar Illuminance Curve

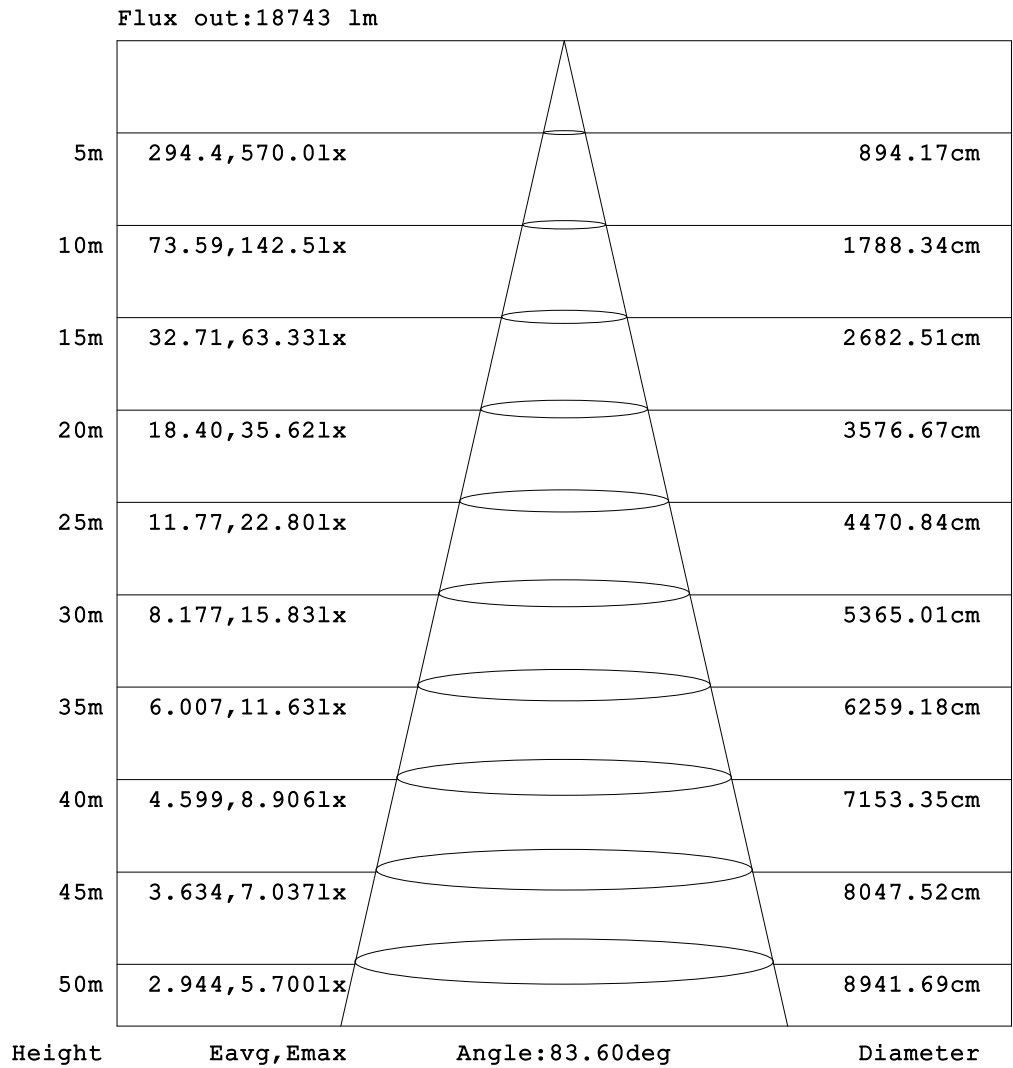


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-10

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:

AAI Figure

Test:U:223.09V I:0.9076A P:198.97W PF:0.9826 Freq:49.99Hz Lamp Flux:24500.2x1 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: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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:223.09V I:0.9076A P:198.97W PF:0.9826 Freq:49.99Hz Lamp Flux:24500.2x1 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	5.04	4.94	5.32	5.72	6.37	7.12	7.91	8.81	9.87	11.0	12.0	13.1	14.2	15.3	16.6	17.7	18.6	19.1	19.2
-170	5.04	4.94	5.31	5.70	6.32	7.05	7.81	8.68	9.69	10.7	11.8	12.8	13.8	14.9	15.9	16.9	17.6	18.0	18.0
-160	5.04	4.94	5.28	5.64	6.19	6.86	7.56	8.34	9.22	10.2	11.1	12.0	12.9	13.8	14.5	15.2	15.7	16.0	16.1
-150	5.04	4.92	5.22	5.54	5.99	6.57	7.19	7.84	8.55	9.32	10.1	10.9	11.6	12.3	12.9	13.3	13.7	13.9	13.9
-140	5.04	4.91	5.14	5.43	5.75	6.20	6.71	7.23	7.77	8.34	8.93	9.52	10.1	10.6	11.0	11.4	11.6	11.8	11.8
-130	5.04	4.89	5.06	5.32	5.53	5.82	6.18	6.56	6.96	7.36	7.75	8.13	8.50	8.83	9.11	9.35	9.51	9.61	9.62
-120	5.04	4.91	5.02	5.16	5.35	5.50	5.69	5.92	6.16	6.41	6.66	6.89	7.10	7.30	7.46	7.59	7.69	7.74	7.76
-110	5.04	4.96	4.96	5.07	5.15	5.27	5.38	5.47	5.56	5.67	5.78	5.88	5.98	6.06	6.13	6.19	6.23	6.25	6.25
-100	5.04	5.04	5.02	5.03	5.08	5.15	5.21	5.25	5.30	5.33	5.38	5.41	5.44	5.46	5.49	5.50	5.52	5.53	5.54
-90	5.04	5.11	5.18	5.25	5.32	5.39	5.46	5.53	5.60	5.67	5.74	5.81	5.88	5.95	6.02	6.09	6.16	6.23	6.30
-80	5.04	5.15	5.38	5.69	6.09	6.60	7.18	7.75	8.33	8.90	9.52	10.1	10.6	11.1	11.5	11.9	12.2	12.3	12.4
-70	5.04	5.30	5.97	7.15	8.58	10.2	11.9	13.8	16.0	18.6	21.5	23.4	24.6	25.6	26.3	26.7	26.8	26.7	26.3
-60	5.04	5.52	7.03	9.29	11.9	15.0	20.5	25.7	29.3	32.3	35.1	38.1	41.8	45.1	47.8	50.0	51.6	52.3	52.3
-50	5.04	5.79	8.30	11.6	15.9	24.6	30.4	35.2	40.3	46.9	54.1	62.4	74.5	93.9	121	153	181	199	204
-40	5.04	6.13	9.51	13.8	23.3	31.4	37.6	45.0	55.1	69.5	102	174	279	390	495	584	653	693	705
-30	5.04	6.48	10.6	16.4	28.5	36.4	44.5	56.6	78.3	144	282	460	649	813	945	1043	1112	1146	1156
-20	5.04	6.76	11.3	19.5	31.9	40.3	51.6	70.4	131	288	516	750	950	1113	1220	1284	1322	1336	1336
-10	5.04	6.94	11.8	22.4	34.1	43.1	56.6	86.2	196	413	685	923	1121	1252	1332	1371	1383	1380	1367
0	5.04	6.99	11.9	23.4	35.0	44.2	58.7	94.0	224	462	744	980	1173	1294	1367	1400	1416	1425	1425
10	5.04	6.96	11.8	22.4	34.3	43.4	57.7	93.9	215	441	717	949	1140	1265	1340	1376	1390	1388	1378
20	5.04	6.80	11.4	19.6	32.2	41.1	52.7	78.9	161	337	583	815	1005	1154	1251	1309	1340	1353	1355
30	5.04	6.52	10.7	16.5	28.7	37.4	45.6	60.6	100	198	361	566	762	919	1041	1131	1190	1224	1240
40	5.04	6.18	9.72	14.0	23.6	32.1	39.2	46.5	60.3	91.4	160	270	401	546	678	780	855	905	932
50	5.04	5.83	8.53	11.9	16.2	25.0	31.4	37.4	42.8	49.6	61.9	84.4	125	179	243	305	358	398	420
60	5.04	5.52	7.23	9.72	12.3	15.5	21.0	26.5	30.8	35.2	38.8	42.1	45.5	49.4	54.7	60.4	66.0	70.2	72.3
70	5.04	5.27	6.07	7.48	9.19	11.0	12.7	14.5	16.7	19.4	22.6	24.7	26.2	27.6	29.1	30.3	31.3	31.8	31.9
80	5.04	5.08	5.32	5.73	6.30	7.02	7.85	8.70	9.54	10.4	11.1	11.8	12.5	13.0	13.5	13.9	14.3	14.6	14.8
90	5.04	5.01	4.99	4.97	4.94	4.92	4.89	4.87	4.85	4.82	4.80	4.77	4.75	4.72	4.70	4.68	4.65	4.63	4.60
100	5.04	4.94	4.82	4.75	4.72	4.73	4.75	4.75	4.77	4.78	4.80	4.82	4.83	4.83	4.83	4.82	4.80	4.78	4.75
110	5.04	4.86	4.79	4.85	4.91	5.02	5.13	5.19	5.27	5.36	5.45	5.55	5.63	5.70	5.76	5.80	5.82	5.81	5.79
120	5.04	4.82	4.88	5.00	5.20	5.33	5.51	5.73	5.97	6.21	6.43	6.64	6.82	6.97	7.09	7.17	7.22	7.23	7.20
130	5.04	4.82	4.96	5.21	5.41	5.69	6.05	6.42	6.80	7.16	7.50	7.81	8.10	8.35	8.56	8.73	8.83	8.86	8.83
140	5.04	4.85	5.06	5.35	5.66	6.11	6.61	7.11	7.60	8.11	8.62	9.14	9.64	10.1	10.4	10.7	10.9	10.9	10.9
150	5.04	4.88	5.17	5.48	5.93	6.50	7.10	7.72	8.37	9.09	9.84	10.6	11.2	11.8	12.3	12.6	12.9	12.9	12.9
160	5.04	4.91	5.25	5.60	6.15	6.82	7.50	8.24	9.08	10.0	10.9	11.8	12.6	13.3	14.0	14.6	15.0	15.2	15.1
170	5.04	4.93	5.30	5.68	6.30	7.03	7.78	8.63	9.62	10.6	11.7	12.7	13.6	14.6	15.6	16.5	17.2	17.5	17.4
180	5.04	4.94	5.32	5.72	6.37	7.12	7.91	8.81	9.87	11.0	12.0	13.1	14.2	15.3	16.6	17.7	18.6	19.1	18.8

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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	18.5	17.7	16.8	15.7	14.6	13.4	12.3	11.2	10.1	9.03	8.06	7.19	6.42	5.85	5.55	5.78	6.32	7.09	
-170	17.7	17.1	16.3	15.3	14.3	13.2	12.1	11.0	9.95	8.94	8.00	7.14	6.39	5.84	5.56	5.80	6.32	7.09	
-160	15.9	15.5	14.9	14.1	13.3	12.4	11.4	10.4	9.49	8.58	7.72	6.94	6.26	5.78	5.55	5.84	6.34	7.09	
-150	13.8	13.5	13.1	12.5	11.9	11.2	10.4	9.55	8.76	8.00	7.27	6.60	6.06	5.69	5.57	5.91	6.38	7.09	
-140	11.7	11.5	11.1	10.7	10.2	9.66	9.08	8.48	7.88	7.28	6.71	6.21	5.83	5.60	5.65	6.00	6.44	7.09	
-130	9.55	9.39	9.17	8.89	8.57	8.20	7.79	7.37	6.94	6.52	6.15	5.85	5.64	5.58	5.80	6.11	6.52	7.09	
-120	7.70	7.60	7.46	7.28	7.07	6.84	6.59	6.35	6.11	5.90	5.73	5.61	5.60	5.75	5.99	6.26	6.61	7.09	
-110	6.22	6.17	6.10	6.03	5.94	5.86	5.77	5.69	5.63	5.60	5.63	5.72	5.86	6.02	6.22	6.45	6.73	7.09	
-100	5.56	5.57	5.59	5.62	5.65	5.69	5.74	5.80	5.86	5.94	6.03	6.13	6.25	6.38	6.52	6.69	6.88	7.09	
-90	6.34	6.38	6.43	6.47	6.52	6.56	6.61	6.65	6.70	6.74	6.78	6.83	6.87	6.92	6.96	7.01	7.05	7.09	
-80	12.7	12.8	12.8	12.7	12.5	12.3	12.0	11.6	11.2	10.8	10.3	9.77	9.19	8.58	8.04	7.63	7.35	7.09	
-70	27.2	27.8	28.1	28.2	28.0	27.3	26.4	25.1	23.1	20.0	17.6	15.6	13.8	12.1	10.4	8.82	7.69	7.09	
-60	53.4	53.7	53.0	51.5	49.5	46.6	42.8	39.8	37.0	34.1	30.6	26.2	20.0	16.2	13.3	10.5	8.16	7.09	
-50	207	195	173	144	116	90.3	73.2	62.8	55.1	47.4	41.4	36.3	30.4	21.8	16.2	12.3	8.74	7.09	
-40	704	674	616	539	445	335	226	140	88.0	66.3	54.7	45.0	37.9	29.9	19.2	13.9	9.41	7.09	
-30	1155	1130	1076	991	870	717	544	361	207	107	69.9	55.0	44.1	35.3	23.1	15.2	9.99	7.09	
-20	1341	1335	1307	1252	1165	1026	837	615	384	198	94.1	64.4	49.5	39.4	27.6	16.4	10.4	7.09	
-10	1381	1387	1383	1362	1295	1192	1019	794	535	289	129	72.0	53.8	41.9	30.1	17.1	10.7	7.09	
0	1424	1419	1411	1396	1347	1249	1096	867	603	334	149	75.9	56.0	43.3	31.2	17.4	10.9	7.09	
10	1389	1395	1389	1370	1308	1211	1046	826	563	308	136	73.1	54.1	42.1	30.1	17.2	10.8	7.09	
20	1358	1353	1331	1283	1207	1080	901	682	432	228	103	65.6	50.2	39.7	27.7	16.4	10.5	7.09	
30	1233	1209	1163	1087	975	831	650	440	261	129	73.8	56.0	45.1	35.6	23.2	15.4	10.0	7.09	
40	916	877	812	721	600	457	322	198	110	71.5	56.2	46.7	38.6	30.2	19.4	14.1	9.45	7.09	
50	405	373	326	266	201	141	95.2	70.6	57.7	49.8	43.6	37.3	30.8	22.1	16.5	12.5	8.78	7.09	
60	71.3	68.1	63.3	58.4	53.7	50.2	46.8	43.5	39.9	35.6	31.4	26.8	20.4	16.7	13.7	10.7	8.17	7.09	
70	32.3	32.2	31.8	31.0	30.0	28.9	27.7	26.1	23.9	20.8	18.3	16.4	14.6	12.7	10.8	8.91	7.67	7.09	
80	14.9	14.9	14.8	14.7	14.4	14.1	13.7	13.2	12.7	12.0	11.2	10.4	9.61	8.78	8.08	7.58	7.28	7.09	
90	4.74	4.88	5.02	5.16	5.30	5.43	5.57	5.71	5.85	5.99	6.13	6.26	6.40	6.54	6.68	6.82	6.96	7.09	
100	4.80	4.85	4.91	4.96	5.02	5.08	5.15	5.22	5.31	5.41	5.53	5.67	5.84	6.02	6.24	6.49	6.78	7.09	
110	5.78	5.76	5.71	5.65	5.58	5.51	5.44	5.37	5.31	5.30	5.36	5.46	5.61	5.78	6.00	6.28	6.63	7.09	
120	7.18	7.13	7.03	6.90	6.74	6.55	6.34	6.12	5.90	5.70	5.53	5.42	5.43	5.59	5.83	6.13	6.53	7.09	
130	8.80	8.71	8.55	8.34	8.09	7.80	7.47	7.12	6.74	6.36	6.01	5.72	5.51	5.46	5.69	6.01	6.44	7.09	
140	10.9	10.7	10.5	10.1	9.72	9.23	8.71	8.18	7.64	7.11	6.59	6.11	5.74	5.51	5.57	5.93	6.39	7.09	
150	12.9	12.7	12.4	11.9	11.4	10.7	10.0	9.27	8.53	7.83	7.16	6.52	5.99	5.63	5.51	5.86	6.34	7.09	
160	15.1	14.8	14.2	13.6	12.9	12.0	11.2	10.2	9.32	8.44	7.63	6.88	6.21	5.74	5.51	5.81	6.32	7.09	
170	17.3	16.7	15.9	15.0	14.0	13.0	12.0	10.9	9.86	8.87	7.94	7.11	6.37	5.82	5.54	5.78	6.31	7.09	
180	18.5	17.7	16.8	15.7	14.6	13.4	12.3	11.2	10.1	9.03	8.06	7.19	6.42	5.85	5.55	5.78	6.32	7.09	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-10

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: