

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	599.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	9.0 degrees horizontal

Beam Spread	At 10% of Imax	80.7V x 145.0H
	At 50% of Imax	62.8V x 116.1H
	At 90% of Imax	31.8V x 93.4H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	918.9 lumens per klm.
	To 50% of Imax	805.6 lumens per klm.
	To 90% of Imax	410.9 lumens per klm.

Upward LOR	2.1 %
Downward LOR	97.9 %

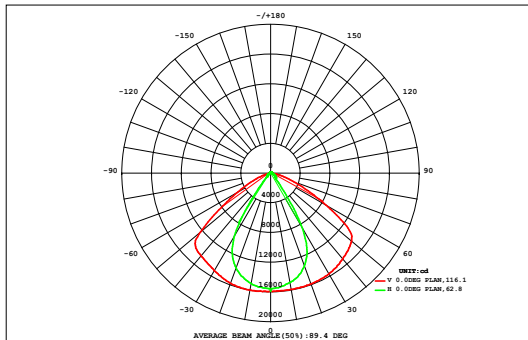
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:218.41V I:0.6940A P:149.84W PF:0.9885 Freq:49.99Hz Lamp Flux:26730.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:178.40lm/W	
MODEL		Imax(cd)	16012
NOMINAL POWER(W)	150	AVAILABILITY(%)	92.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	24610
NOMINAL FLUX(lm)	26730.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	26730
TEST VOLTAGE(V)	220	θ @50% (H,V)	116,63DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.16	0.50	0.84	1.12	1.28	1.51	1.72	1.84	1.87	1.81	1.70	1.52	1.29	1.09	1.03	0.88	0.61	0.23	21.0	0.00
90	0.16	0.50	0.84	1.12	1.28	1.51	1.72	1.84	1.87	1.81	1.70	1.52	1.29	1.09	1.03	0.88	0.61	0.23	21.0	0.00
80	0.19	0.83	2.02	3.34	3.49	4.11	5.01	5.60	5.79	5.62	5.10	4.26	3.24	2.33	1.77	1.17	0.68	0.23	54.8	0.00
70	0.24	1.60	5.16	9.34	8.65	8.20	9.95	11.1	11.5	11.3	10.4	8.89	6.91	5.74	4.46	2.14	0.85	0.24	117	0.00
60	0.32	2.95	11.0	20.5	20.4	11.8	14.0	16.4	18.0	17.7	15.7	12.9	10.2	13.5	11.1	4.56	1.20	0.26	202	1.83
50	0.41	4.92	19.4	39.1	47.3	22.4	20.2	29.2	32.9	30.3	25.1	18.6	18.4	30.5	22.8	9.11	1.83	0.28	373	137
40	0.52	7.35	30.2	68.7	96.9	67.0	98.0	173	181	177	159	76.1	58.3	68.9	41.2	15.7	2.75	0.30	1322	1262
30	0.63	9.90	43.1	110	156	182	290	351	371	369	346	275	162	132	68.4	23.6	3.88	0.33	2893	2877
20	0.73	12.2	56.7	154	220	299	380	422	441	440	419	370	281	202	102	31.7	4.99	0.35	3838	3825
10	0.79	14.0	68.5	195	285	362	421	456	471	468	455	413	347	270	135	38.7	5.82	0.37	4406	4394
0	0.79	14.0	68.5	195	284	358	418	452	465	472	457	412	342	270	136	38.8	5.83	0.37	4390	4378
-10	0.73	12.2	56.8	155	219	286	372	415	434	439	421	366	265	203	103	31.9	5.01	0.35	3782	3769
-20	0.64	9.93	43.3	110	157	167	268	333	352	353	331	245	147	133	69.2	23.8	3.92	0.33	2749	2733
-30	0.53	7.39	30.4	69.5	98.5	67.1	77.8	146	152	147	126	56.0	60.6	70.8	42.2	15.9	2.80	0.31	1171	1099
-40	0.42	4.96	19.6	39.9	49.1	25.2	23.3	30.2	33.3	31.5	28.0	22.5	21.6	32.7	23.6	9.32	1.87	0.29	397	131
-50	0.32	3.00	11.1	21.0	21.7	14.1	16.8	19.4	21.2	21.1	19.0	16.0	12.9	14.9	11.6	4.73	1.25	0.27	230	2.54
-60	0.25	1.65	5.29	9.68	9.38	9.29	11.4	12.7	13.2	13.0	12.1	10.4	8.06	6.50	4.81	2.29	0.91	0.25	131	0.00
-70	0.20	0.88	2.16	3.59	3.91	4.61	5.54	6.12	6.24	6.07	5.63	4.81	3.77	2.80	2.06	1.32	0.74	0.24	60.7	0.00
-80	0.17	0.56	1.00	1.42	1.71	1.98	2.17	2.26	2.23	2.18	2.13	1.99	1.77	1.53	1.31	1.02	0.66	0.23	26.3	0.00
-90	0.16	0.50	0.84	1.12	1.28	1.51	1.72	1.84	1.87	1.81	1.70	1.52	1.29	1.09	1.03	0.88	0.61	0.23	21.0	0.00
Φ t	8.05	109	475	1206	1683	1892	2435	2883	3013	3006	2838	2315	1752	1461	782	257	45.6	5.24	26165	---
Φ a	0.00	46.0	413	1138	1606	1790	2305	2754	2881	2871	2705	2182	1654	1379	707	178	0.00	0.00	---	24610

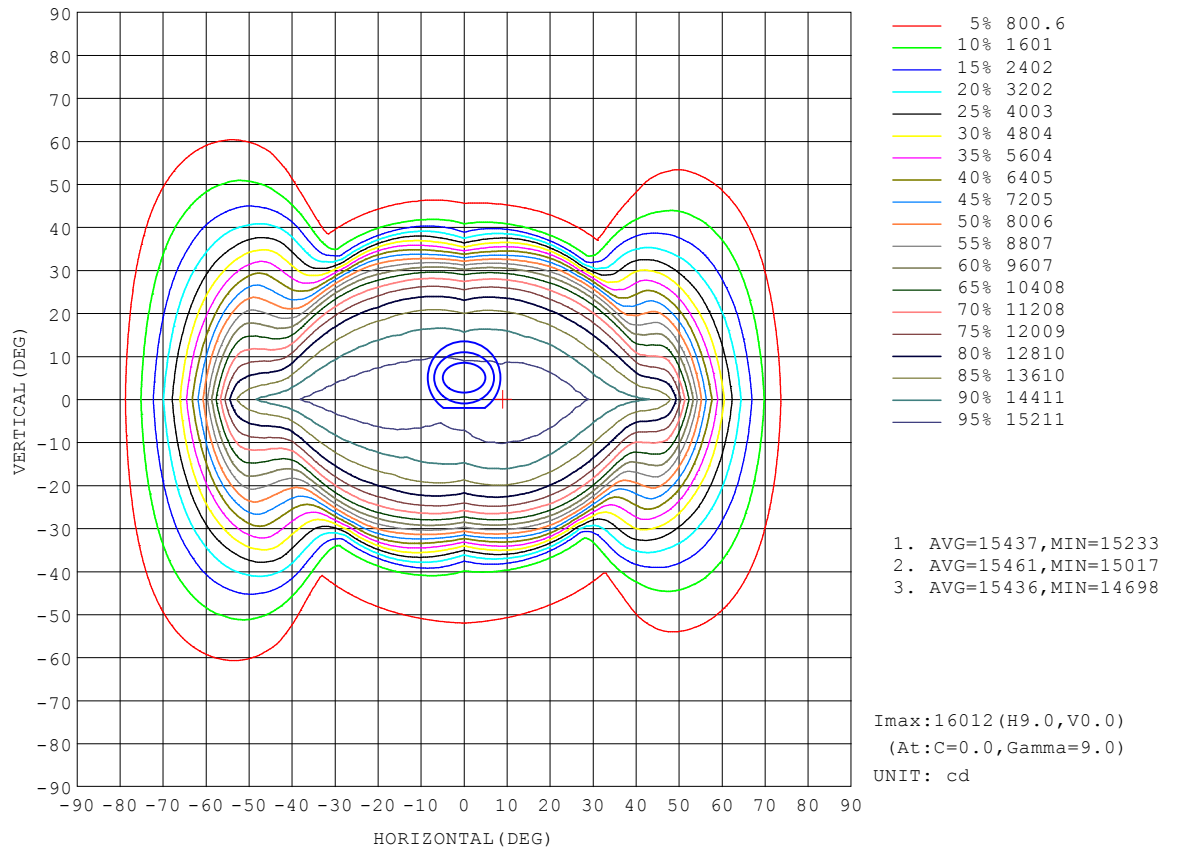
one-half-peak spread: U:30.8,D:26.2 , L:31.9,R:30.8 Beam Type: Type 7 x 5 (H x V)

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:218.41V I:0.6940A P:149.84W PF:0.9885 Freq:49.99Hz Lamp Flux:26730.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

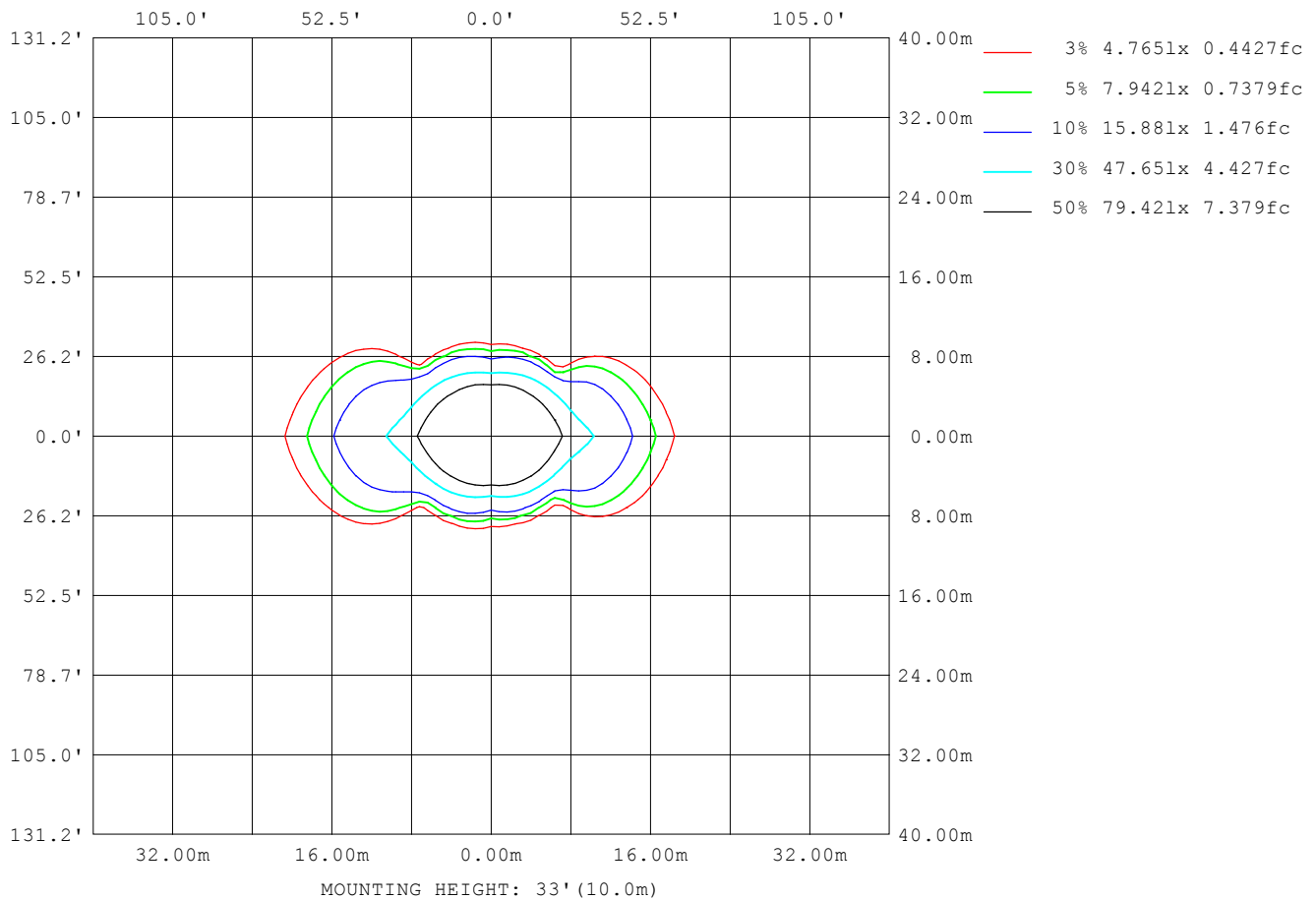


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ISOLUX DIAGRAM

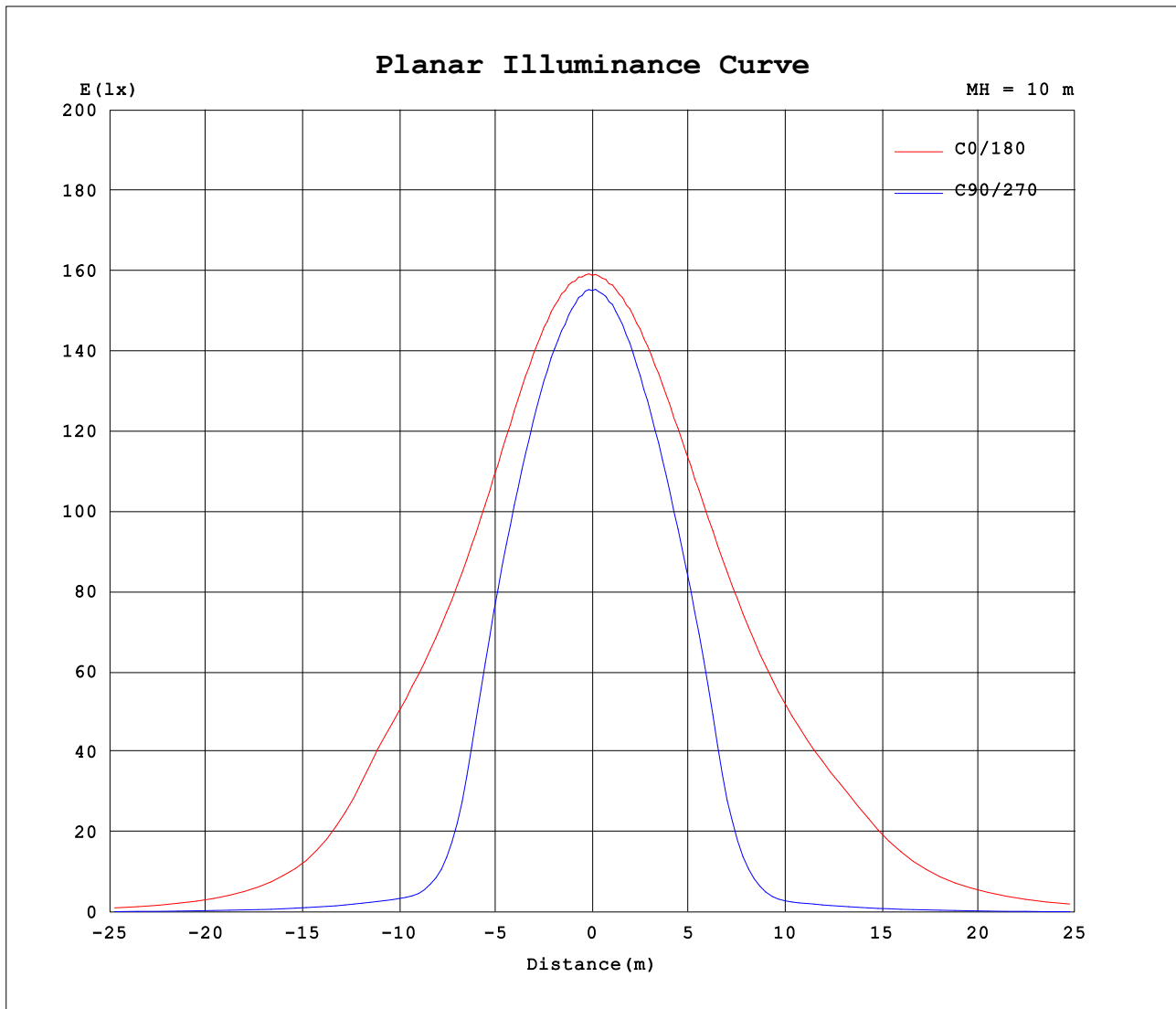
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Remarks:

Planar Illuminance Curve

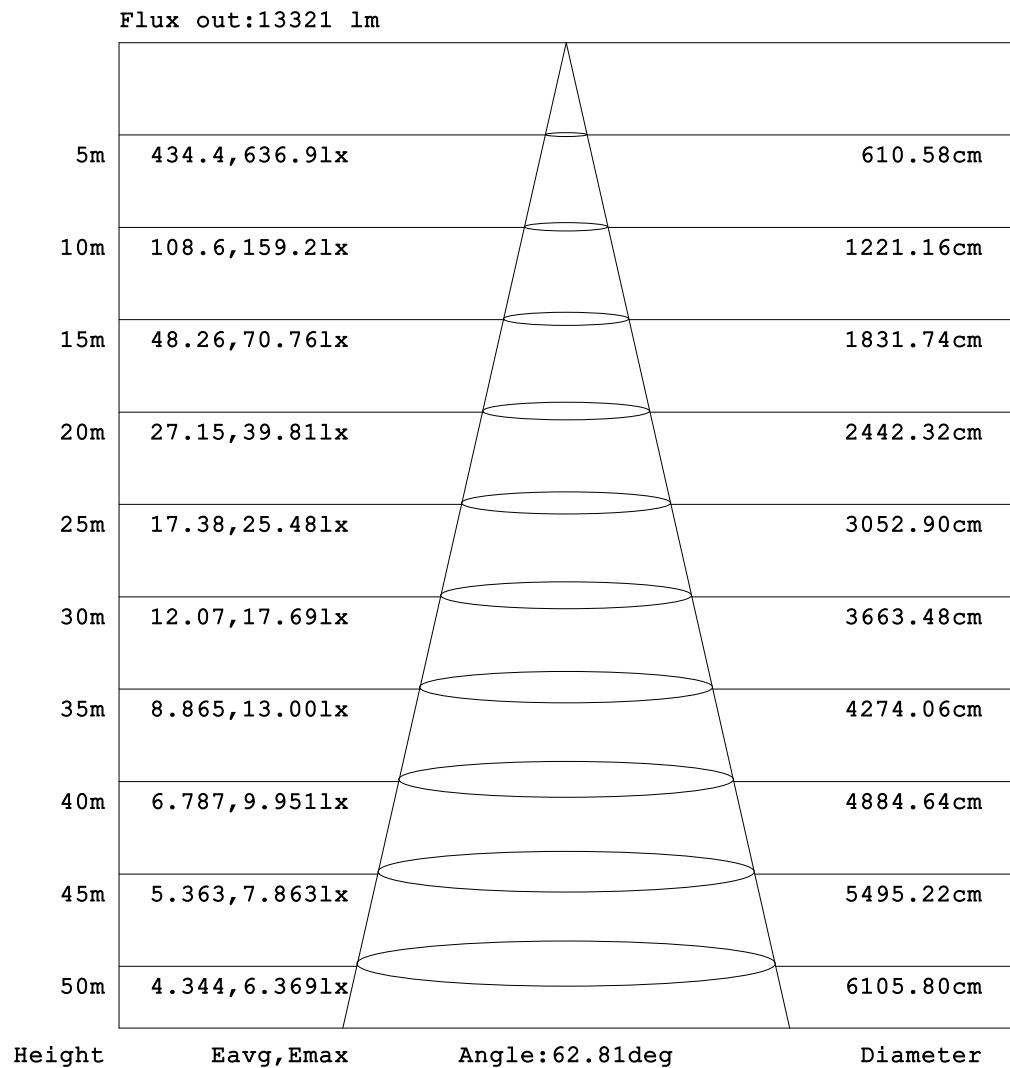


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 γ Interval: 1.0DEG
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Remarks:

AAI Figure

Test:U:218.41V I:0.6940A P:149.84W PF:0.9885 Freq:49.99Hz Lamp Flux:26730.2x1 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: 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:218.41V I:0.6940A P:149.84W PF:0.9885 Freq:49.99Hz Lamp Flux:26730.2x1 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	5.99	5.11	5.53	6.19	7.00	7.85	8.75	9.66	10.6	11.5	12.3	13.2	14.3	15.4	16.5	17.6	18.4	19.1	19.4
-170	5.99	5.12	5.51	6.09	6.83	7.60	8.40	9.20	10.0	10.8	11.6	12.3	13.1	14.0	15.0	15.8	16.4	17.7	18.7
-160	5.99	5.13	5.46	5.96	6.56	7.21	7.88	8.57	9.23	9.89	10.5	11.1	11.6	12.1	12.6	13.7	14.8	15.8	16.5
-150	5.99	5.13	5.40	5.76	6.24	6.76	7.29	7.82	8.32	8.80	9.26	9.71	10.1	10.4	11.0	11.7	12.4	13.0	13.4
-140	5.99	5.13	5.32	5.59	5.90	6.27	6.64	7.00	7.35	7.66	7.94	8.17	8.51	8.94	9.38	9.75	10.0	10.3	10.4
-130	5.99	5.12	5.27	5.44	5.61	5.80	6.02	6.23	6.42	6.58	6.70	6.86	7.09	7.32	7.52	7.69	7.81	7.88	7.87
-120	5.99	5.17	5.23	5.34	5.42	5.48	5.53	5.57	5.62	5.66	5.68	5.72	5.76	5.81	5.84	5.86	5.85	5.80	5.71
-110	5.99	5.32	5.22	5.30	5.36	5.37	5.36	5.32	5.24	5.14	5.08	5.02	4.98	4.91	4.84	4.75	4.65	4.53	4.41
-100	5.99	5.60	5.41	5.37	5.41	5.47	5.50	5.51	5.51	5.49	5.38	5.26	5.17	5.07	4.98	4.90	4.82	4.75	4.68
-90	5.99	6.03	6.07	6.11	6.15	6.19	6.23	6.26	6.30	6.34	6.24	6.14	6.04	5.94	5.84	5.74	5.64	5.54	5.45
-80	5.99	6.65	7.43	8.32	9.38	10.4	11.1	11.6	11.6	10.7	11.0	11.4	11.7	11.8	11.9	11.8	11.6	11.3	10.9
-70	5.99	7.50	10.1	14.1	19.5	25.8	30.7	33.9	33.3	27.4	25.2	27.2	28.8	30.0	31.0	31.6	31.8	31.5	31.0
-60	5.99	8.62	14.6	26.2	41.4	59.5	75.7	84.3	81.9	66.6	44.6	48.4	49.9	51.8	53.6	54.9	55.6	55.8	55.6
-50	5.99	10.0	21.7	44.4	77.7	115	146	167	174	155	103	61.9	65.3	69.7	74.8	79.4	83.4	85.9	87.2
-40	5.99	11.8	31.1	69.4	127	187	249	303	339	340	277	150	90.0	104	129	166	194	195	157
-30	5.99	13.5	40.6	97.6	181	275	386	504	606	609	516	408	396	634	812	878	908	904	853
-20	5.99	14.8	49.5	127	235	373	550	765	904	874	821	917	1119	1227	1283	1318	1343	1346	1330
-10	5.99	15.8	56.6	150	284	466	720	1028	1164	1166	1192	1327	1409	1451	1476	1488	1481	1493	1494
0	5.99	16.2	60.3	164	317	534	855	1250	1423	1473	1510	1545	1568	1580	1586	1588	1586	1586	1588
10	5.99	15.7	56.6	150	284	465	718	1027	1162	1166	1227	1359	1428	1469	1493	1505	1513	1519	1507
20	5.99	14.8	49.4	126	234	372	548	761	900	869	841	1006	1181	1269	1321	1356	1376	1378	1359
30	5.99	13.3	40.4	97.2	180	274	383	499	600	602	508	423	504	772	904	967	1005	1010	974
40	5.99	11.6	30.8	68.9	126	186	246	299	332	332	268	139	77.8	100.0	153	210	254	244	187
50	5.99	9.84	21.4	43.9	76.9	114	144	165	168	148	92.7	50.6	54.6	58.8	63.3	66.8	69.2	70.7	71.2
60	5.99	8.41	14.2	25.7	40.6	58.5	74.1	81.8	78.5	63.0	39.4	40.9	42.5	44.2	45.2	46.3	47.3	48.0	48.2
70	5.99	7.27	9.69	13.4	18.7	24.9	29.5	32.4	31.3	24.9	22.2	24.1	25.7	26.9	27.8	28.4	28.7	28.6	28.2
80	5.99	6.41	6.94	7.60	8.42	9.21	9.72	10.1	9.90	8.92	9.33	9.80	10.2	10.4	10.6	10.7	10.7	10.6	10.3
90	5.99	5.80	5.60	5.40	5.21	5.01	4.81	4.62	4.42	4.22	4.22	4.22	4.22	4.21	4.21	4.21	4.21	4.21	4.20
100	5.99	5.37	4.97	4.74	4.62	4.56	4.48	4.42	4.36	4.30	4.33	4.36	4.39	4.41	4.42	4.42	4.41	4.40	4.39
110	5.99	5.11	4.85	4.82	4.83	4.85	4.88	4.91	4.93	4.95	5.00	5.04	5.07	5.07	5.06	5.02	4.97	4.90	4.81
120	5.99	4.99	4.93	5.01	5.12	5.27	5.43	5.58	5.70	5.79	5.87	5.97	6.06	6.13	6.17	6.19	6.19	6.15	6.07
130	5.99	4.96	5.05	5.23	5.48	5.78	6.07	6.34	6.56	6.75	6.86	7.00	7.20	7.41	7.59	7.74	7.86	7.92	7.91
140	5.99	5.00	5.17	5.48	5.87	6.31	6.73	7.11	7.46	7.75	7.98	8.15	8.44	8.81	9.20	9.55	9.84	10.1	10.2
150	5.99	5.04	5.29	5.71	6.25	6.81	7.36	7.89	8.36	8.81	9.21	9.56	9.88	10.3	11.0	11.7	12.4	13.0	13.5
160	5.99	5.07	5.40	5.93	6.58	7.25	7.93	8.60	9.25	9.86	10.4	11.0	11.6	12.1	12.5	13.4	14.4	15.3	16.0
170	5.99	5.09	5.48	6.09	6.84	7.62	8.42	9.22	10.0	10.8	11.5	12.3	13.1	13.9	14.7	15.4	16.0	17.3	18.0
180	5.99	5.11	5.53	6.19	7.00	7.85	8.75	9.66	10.6	11.5	12.3	13.2	14.3	15.4	16.5	17.6	18.4	19.1	19.2

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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	19.1	18.7	18.1	17.3	16.4	15.4	14.2	12.8	11.6	10.8	10.2	9.61	9.01	8.43	8.00	7.87	8.19	9.06	
-170	19.1	19.2	18.5	17.6	16.7	15.8	14.5	13.1	11.8	10.8	10.1	9.43	8.81	8.25	7.86	7.78	8.15	9.06	
-160	17.0	17.3	17.4	17.4	16.5	15.5	14.1	12.7	11.5	10.5	9.76	9.08	8.49	8.00	7.70	7.72	8.14	9.06	
-150	14.1	14.6	15.0	15.3	15.3	14.3	12.9	11.7	10.7	9.90	9.20	8.59	8.08	7.70	7.50	7.66	8.15	9.06	
-140	11.1	11.6	12.0	12.1	12.0	11.8	11.2	10.3	9.59	8.96	8.42	7.95	7.60	7.37	7.37	7.63	8.18	9.06	
-130	8.35	8.73	9.00	9.17	9.22	9.17	9.03	8.68	8.23	7.85	7.52	7.26	7.11	7.10	7.29	7.65	8.23	9.06	
-120	6.07	6.37	6.62	6.79	6.92	7.00	7.03	6.99	6.85	6.73	6.65	6.65	6.76	6.97	7.30	7.73	8.31	9.06	
-110	4.66	4.90	5.12	5.31	5.46	5.58	5.67	5.71	5.78	5.95	6.16	6.40	6.70	7.04	7.43	7.89	8.43	9.06	
-100	4.78	4.88	4.99	5.10	5.21	5.32	5.43	5.54	5.66	5.97	6.29	6.61	6.96	7.32	7.71	8.13	8.59	9.06	
-90	5.54	5.63	5.72	5.82	5.91	6.00	6.09	6.18	6.28	6.59	6.90	7.20	7.51	7.82	8.13	8.44	8.75	9.06	
-80	10.9	10.8	10.7	10.4	10.0	9.66	9.24	8.84	8.49	8.59	8.64	8.64	8.66	8.68	8.74	8.86	8.98	9.06	
-70	30.9	30.4	29.6	28.4	26.8	24.9	22.6	20.3	19.2	18.7	16.9	14.6	12.5	11.0	10.0	9.43	9.20	9.06	
-60	55.3	54.4	53.0	51.1	48.6	46.0	42.9	38.2	46.0	48.2	42.6	33.3	23.8	16.8	12.5	10.4	9.44	9.06	
-50	85.5	82.6	78.4	73.1	67.5	62.0	57.8	79.4	104	108	96.3	74.6	49.4	29.2	17.3	11.8	9.73	9.06	
-40	165	149	126	108	97.5	86.6	134	205	224	213	180	140	92.2	50.4	24.6	13.6	10.1	9.06	
-30	900	898	850	740	463	285	384	481	471	392	306	224	147	79.5	34.5	16.1	10.5	9.06	
-20	1355	1357	1330	1279	1197	1039	785	781	815	668	476	326	208	111	45.9	18.3	10.8	9.06	
-10	1520	1522	1511	1483	1433	1364	1251	1119	1123	971	662	427	262	138	55.2	20.0	11.0	9.06	
0	1593	1598	1594	1578	1551	1515	1483	1456	1424	1235	818	504	301	155	60.1	20.8	11.1	9.06	
10	1514	1505	1500	1478	1437	1379	1297	1150	1120	969	660	425	262	138	55.0	19.9	11.0	9.06	
20	1375	1368	1341	1297	1231	1123	909	780	809	663	472	323	206	110	45.5	18.2	10.7	9.06	
30	1004	991	942	859	680	369	376	471	464	385	300	220	146	78.7	34.1	15.8	10.3	9.06	
40	220	203	151	104	83.2	71.9	121	195	214	204	176	137	90.5	49.5	24.1	13.3	9.94	9.06	
50	70.0	67.9	65.0	60.8	55.4	49.5	43.8	66.8	96.0	102	93.2	72.3	48.0	28.3	16.8	11.5	9.55	9.06	
60	47.1	45.5	43.8	42.1	40.4	37.9	35.1	32.7	41.6	44.7	40.2	31.7	22.7	16.0	11.9	9.96	9.24	9.06	
70	27.9	27.3	26.3	25.1	23.6	21.8	19.7	17.5	16.5	16.6	15.2	13.2	11.4	10.1	9.30	8.97	8.99	9.06	
80	10.1	9.88	9.52	9.06	8.52	7.98	7.39	6.81	6.29	6.62	6.89	7.14	7.44	7.73	8.05	8.41	8.76	9.06	
90	4.23	4.25	4.28	4.31	4.33	4.36	4.38	4.41	4.43	4.95	5.46	5.98	6.49	7.00	7.52	8.03	8.55	9.06	
100	4.50	4.60	4.70	4.78	4.86	4.92	4.98	5.01	5.04	5.32	5.63	5.97	6.35	6.78	7.25	7.79	8.40	9.06	
110	5.04	5.26	5.45	5.61	5.75	5.85	5.92	5.95	5.96	6.03	6.13	6.27	6.47	6.75	7.13	7.63	8.27	9.06	
120	6.37	6.63	6.84	7.00	7.11	7.19	7.21	7.19	7.08	6.94	6.84	6.78	6.79	6.89	7.13	7.54	8.18	9.06	
130	8.33	8.67	8.89	8.99	9.01	8.94	8.80	8.55	8.22	7.93	7.65	7.41	7.22	7.13	7.22	7.53	8.12	9.06	
140	10.8	11.2	11.5	11.7	11.7	11.5	10.8	10.0	9.38	8.88	8.44	8.04	7.70	7.44	7.37	7.55	8.10	9.06	
150	13.9	14.1	14.2	14.2	14.1	13.5	12.6	11.5	10.5	9.73	9.13	8.61	8.14	7.76	7.53	7.61	8.09	9.06	
160	16.3	16.4	16.4	16.2	15.5	14.6	13.5	12.4	11.3	10.4	9.68	9.07	8.52	8.04	7.72	7.69	8.10	9.06	
170	18.2	18.1	17.6	16.9	16.2	15.3	14.1	12.8	11.7	10.7	10.0	9.41	8.82	8.27	7.87	7.78	8.13	9.06	
180	19.1	18.7	18.1	17.3	16.4	15.4	14.2	12.8	11.6	10.8	10.2	9.61	9.01	8.43	8.00	7.87	8.19	9.06	

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: