

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	344.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-1.0 degrees horizontal

Beam Spread	At 10% of Imax	132.2V x 143.9H
	At 50% of Imax	120.3V x 99.0H
	At 90% of Imax	82.9V x 46.5H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	952.3 lumens per klm.
	To 50% of Imax	854.3 lumens per klm.
	To 90% of Imax	297.2 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

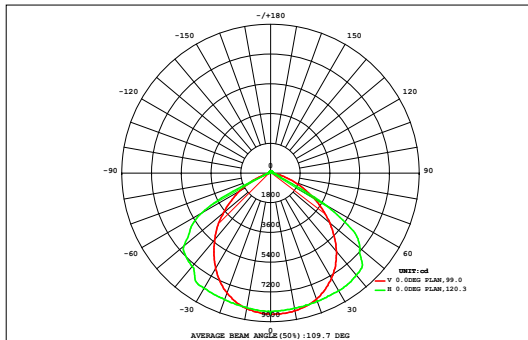
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:0.6924A P:149.46W PF:0.9884 Freq:49.99Hz Lamp Flux:24851.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:166.27lm/W	
MODEL		Imax (cd)	8553
NOMINAL POWER (W)	150	AVAILABILITY (%)	95.3
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	23696
NOMINAL FLUX (lm)	24851.8	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	24852
TEST VOLTAGE (V)	220	θ @50% (H,V)	99,120DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.17	0.56	1.04	1.62	2.21	2.69	3.03	3.20	3.18	3.03	2.78	2.40	1.95	1.49	1.18	0.89	0.57	0.21	32.2	0.00
90	0.17	0.56	1.04	1.62	2.21	2.69	3.03	3.20	3.18	3.03	2.78	2.40	1.95	1.49	1.18	0.89	0.57	0.21	32.2	0.00
80	0.20	0.88	2.16	3.96	5.75	7.57	9.76	11.5	11.0	9.97	9.13	7.62	5.84	4.02	2.46	1.33	0.66	0.21	94.1	0.00
70	0.24	1.42	4.17	8.58	24.2	52.3	69.8	76.5	72.9	69.2	65.5	51.8	31.0	11.6	5.13	2.32	0.84	0.22	548	487
60	0.30	2.18	7.42	30.2	82.3	124	150	168	178	175	161	138	108	60.6	15.3	3.98	1.14	0.23	1406	1383
50	0.36	3.13	15.0	56.9	107	150	179	203	216	213	194	165	134	91.5	41.0	7.27	1.56	0.25	1779	1765
40	0.42	4.23	24.3	68.1	115	160	199	221	235	232	212	184	143	99.2	54.7	13.9	2.07	0.27	1968	1958
30	0.48	5.39	29.6	72.2	119	170	208	232	244	241	222	193	152	102	58.4	19.1	2.59	0.28	2071	2063
	0.52	6.40	31.1	72.6	122	173	212	238	249	245	228	197	154	104	57.8	20.9	3.05	0.30	2116	2108
	0.55	6.97	30.1	69.9	120	172	215	243	254	250	235	200	152	101	54.2	20.0	3.35	0.30	2129	2121
	0.55	6.90	29.8	70.4	121	172	214	242	252	253	237	201	153	102	54.8	19.7	3.35	0.31	2133	2125
	0.53	6.26	30.1	73.7	124	173	212	236	249	249	233	201	156	107	59.3	19.8	3.08	0.30	2131	2123
	0.48	5.35	27.2	73.4	124	170	207	233	247	246	227	197	155	108	60.0	16.9	2.64	0.29	2100	2091
-30	0.43	4.28	20.3	68.0	120	167	203	228	244	242	221	192	153	105	54.0	11.2	2.13	0.28	2035	2023
-40	0.37	3.20	12.1	50.5	109	158	189	213	230	227	206	178	144	94.2	33.3	6.69	1.64	0.26	1856	1839
-50	0.30	2.25	7.44	20.5	69.9	120	146	166	177	174	160	135	102	46.2	11.3	4.24	1.22	0.25	1345	1313
-60	0.25	1.49	4.39	8.65	14.9	34.1	52.0	57.1	49.9	46.2	46.3	36.2	20.1	9.86	5.67	2.55	0.93	0.24	391	297
-70	0.21	0.95	2.37	4.37	6.46	8.47	10.2	11.4	11.8	11.4	10.5	8.84	6.83	4.76	2.90	1.57	0.76	0.23	104	0.00
-80	0.18	0.65	1.28	2.05	2.86	3.44	3.84	4.05	4.03	3.91	3.69	3.32	2.85	2.32	1.74	1.20	0.70	0.23	42.3	0.00
-90	0.18	0.65	1.28	2.05	2.86	3.44	3.84	4.05	4.03	3.91	3.69	3.32	2.85	2.32	1.74	1.20	0.70	0.23	42.3	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	6.54	62.5	280	756	1389	2017	2482	2787	2929	2892	2674	2292	1776	1155	573	174	32.3	4.64	24281	---
Φ a	0.00	21.3	242	719	1356	1986	2450	2755	2890	2852	2638	2258	1743	1122	538	127	0.00	0.00	---	23696

one-half-peak spread: U:25.1,D:31.3 , L:41.6,R:42.9

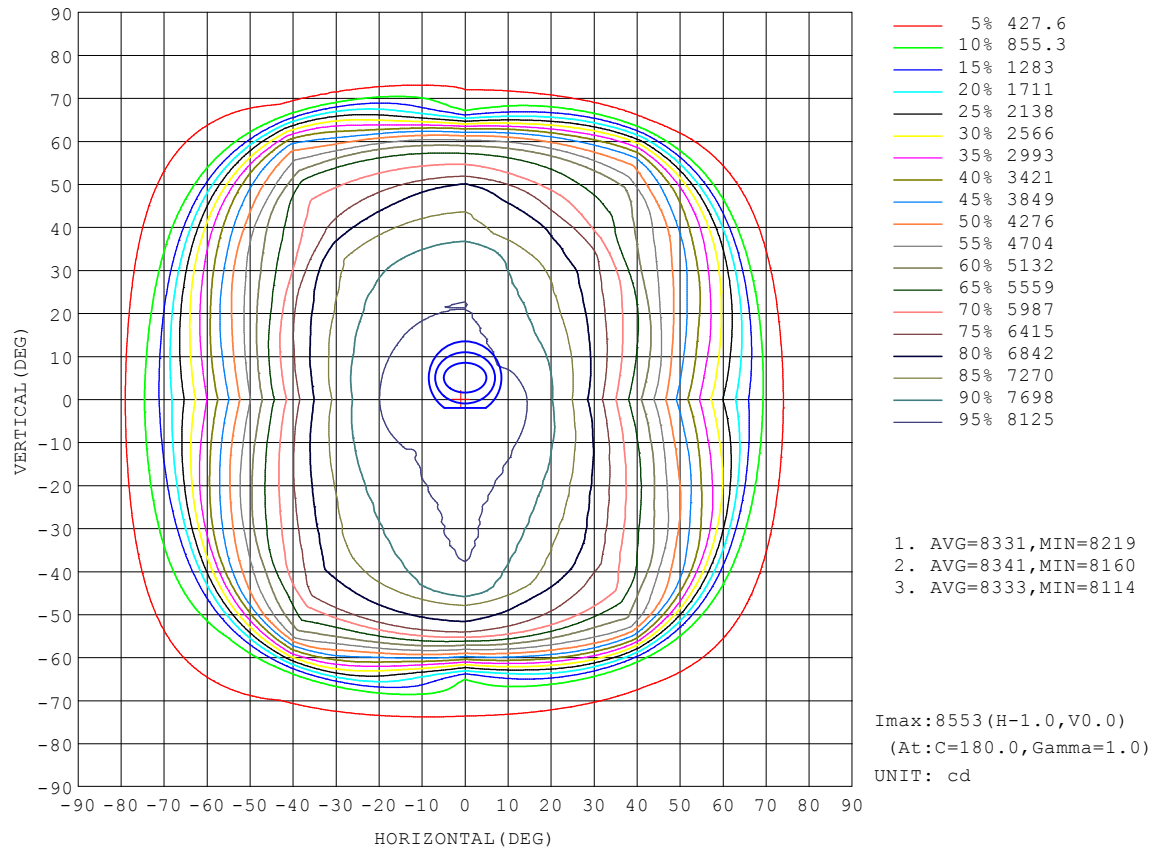
NEMA Beam Type: Type 7

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:0.6924A P:149.46W PF:0.9884 Freq:49.99Hz Lamp Flux:24851.8x1 lm		
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SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

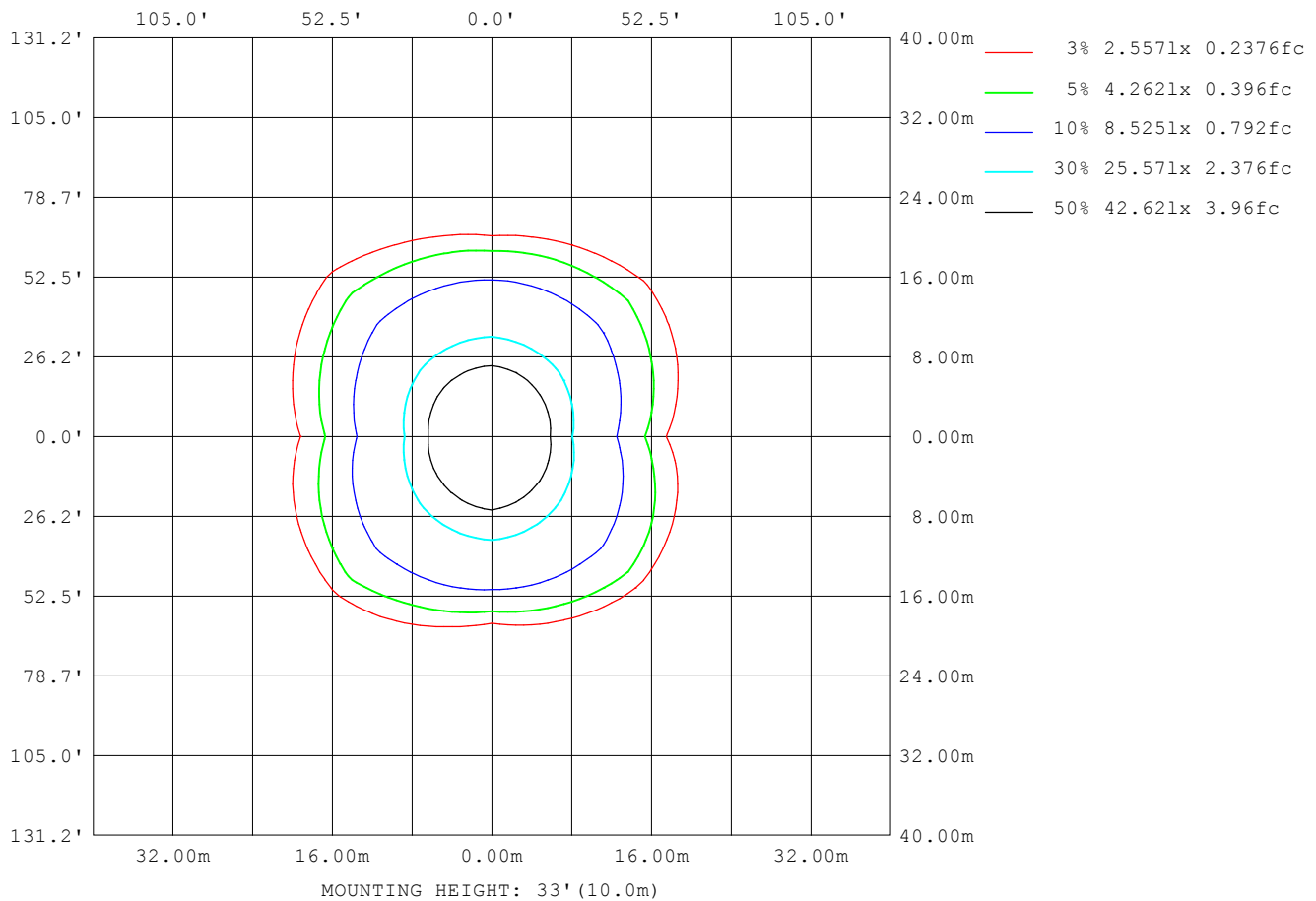


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ISOLUX DIAGRAM

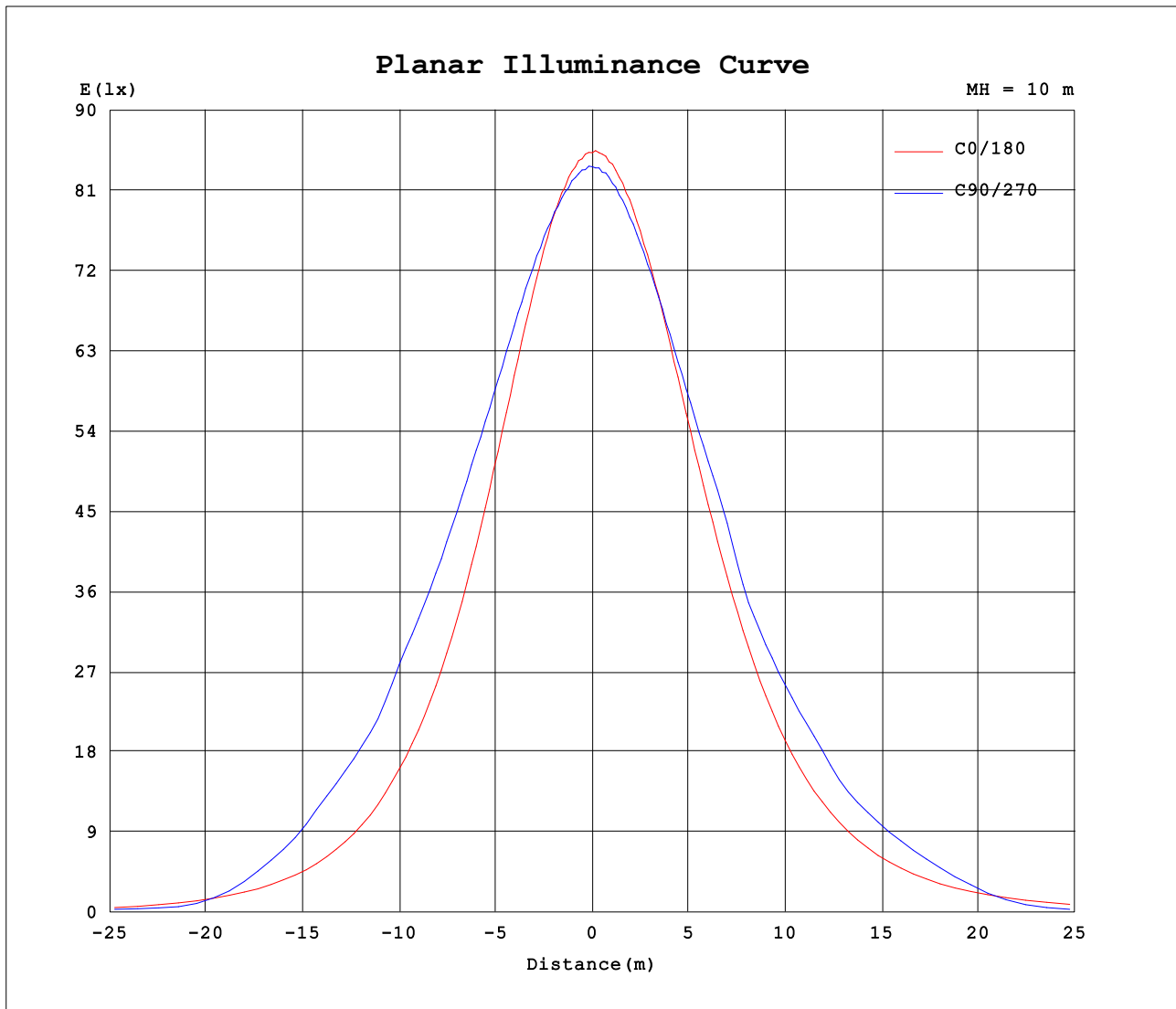
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

Planar Illuminance Curve

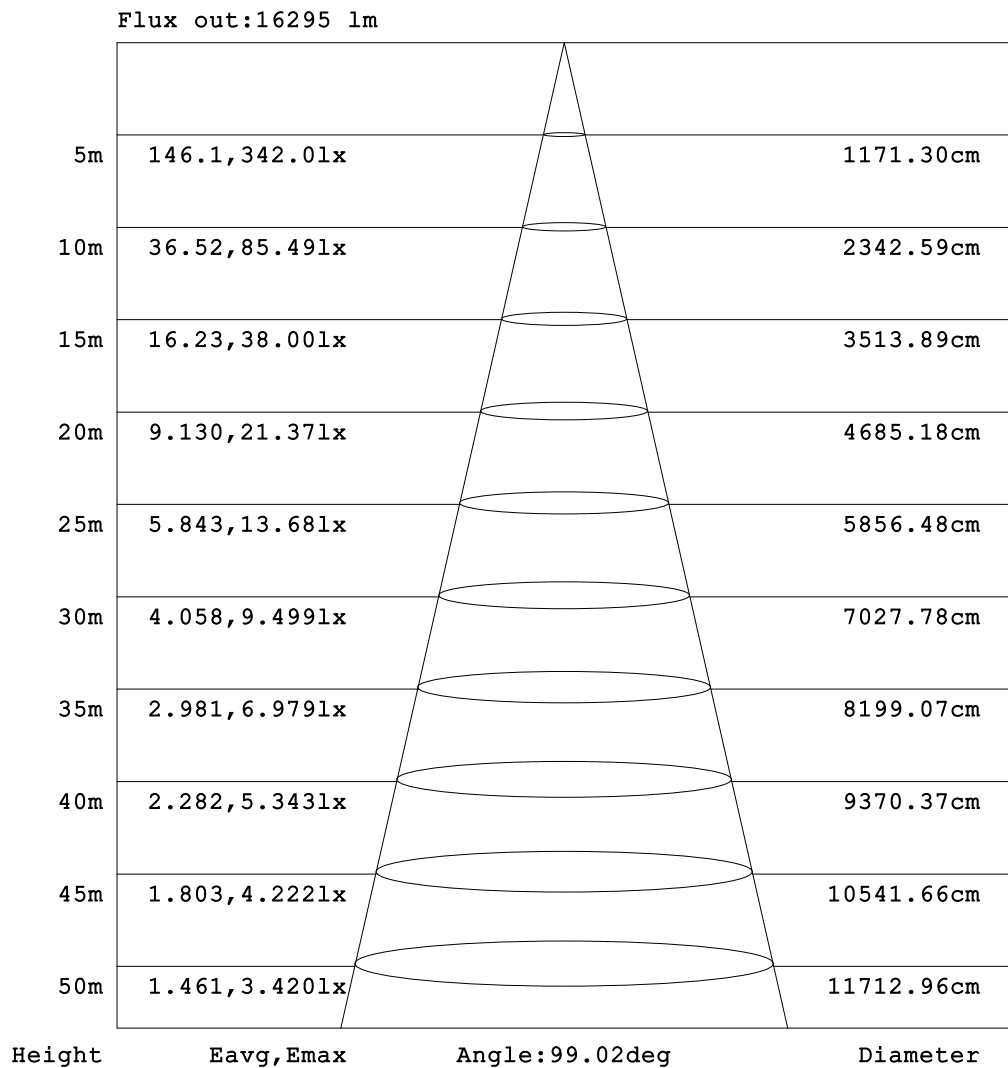


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

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:

AAI Figure

Test:U:218.40V I:0.6924A P:149.46W PF:0.9884 Freq:49.99Hz Lamp Flux:24851.8x1 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: 2025-07-30

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:0.6924A P:149.46W PF:0.9884 Freq:49.99Hz Lamp Flux:24851.8x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	58.3	48.9	52.2	57.5	64.5	72.1	79.9	87.4	94.9	102	109	115	120	126	131	135	138	141	142
-170	58.3	49.6	53.2	58.5	65.3	72.5	79.8	87.1	94.2	101	107	113	118	123	127	130	132	134	134
-160	58.3	50.3	54.0	59.1	65.3	71.8	78.3	85.2	91.7	97.9	103	109	113	118	121	124	127	128	129
-150	58.3	50.9	54.7	59.2	64.7	70.6	76.1	81.9	87.8	93.2	98.2	103	107	110	113	115	117	119	119
-140	58.3	51.4	55.1	59.3	63.9	69.0	73.7	78.0	82.6	87.4	91.7	95.6	98.6	101	102	103	104	104	103
-130	58.3	51.8	55.7	59.4	63.4	67.4	71.4	75.0	78.1	81.0	84.3	87.6	90.7	93.1	94.8	96.0	96.7	96.9	96.9
-120	58.3	52.9	56.2	59.9	63.3	66.7	69.9	73.0	75.8	78.3	80.2	81.0	82.3	83.6	85.5	87.2	88.7	89.9	90.7
-110	58.3	54.7	56.9	60.7	64.2	67.4	70.4	73.1	75.8	78.0	79.0	79.1	79.3	79.6	79.9	80.2	80.5	80.7	80.8
-100	58.3	57.9	59.4	62.4	66.1	69.9	73.6	76.9	80.1	83.3	82.8	82.1	81.5	81.1	80.9	80.7	80.6	80.5	80.4
-90	58.3	62.5	66.7	70.9	75.1	79.2	83.4	87.6	91.8	95.9	95.0	94.0	93.1	92.1	91.2	90.2	89.3	88.3	87.4
-80	58.3	69.4	81.7	95.4	111	129	147	165	182	198	208	216	222	227	231	232	231	228	223
-70	58.3	77.9	105	144	193	246	303	353	395	421	447	480	508	531	559	602	624	607	567
-60	58.3	87.5	139	220	323	439	559	659	746	1366	2568	3291	3667	3800	3837	3908	3931	3881	3711
-50	58.3	98.0	184	319	500	712	923	1860	3346	4626	5410	5818	6163	6467	6641	6792	6905	6995	7053
-40	58.3	110	230	433	718	1043	2174	3650	4579	5369	6132	6627	6933	7184	7448	7633	7802	7943	8075
-30	58.3	121	278	556	948	1711	3097	4093	4976	5702	6283	6773	7178	7467	7668	7854	8006	8120	8218
-20	58.3	130	321	672	1168	2202	3315	4219	5062	5764	6386	6896	7298	7605	7835	7981	8102	8197	8252
-10	58.3	135	352	760	1363	2309	3243	4136	4963	5702	6376	6946	7406	7749	7997	8138	8165	8255	8298
0	58.3	137	365	805	1455	2183	2995	3832	4678	5466	6205	6852	7372	7792	8117	8324	8451	8520	8525
10	58.3	135	351	757	1462	2360	3232	4080	4880	5658	6370	6950	7421	7781	8041	8187	8288	8306	8277
20	58.3	129	319	667	1303	2377	3282	4176	4906	5593	6367	6905	7314	7642	7857	8015	8102	8133	8163
30	58.3	119	274	550	988	2094	3144	4065	4817	5441	5999	6715	7170	7434	7625	7801	7912	7994	8061
40	58.3	107	226	426	706	1393	2674	3654	4524	5247	5750	6192	6535	6910	7176	7284	7336	7376	7390
50	58.3	95.4	179	311	486	698	1379	2669	3752	4554	5327	5804	5936	6069	6212	6386	6584	6748	6855
60	58.3	84.4	134	211	310	421	534	698	1434	2606	3654	3926	4082	4329	4520	4716	4816	4839	4781
70	58.3	74.4	98.7	135	181	230	282	326	362	382	406	473	614	779	933	950	861	697	493
80	58.3	65.5	74.4	85.0	97.9	113	128	143	157	168	178	186	191	195	197	198	196	192	187
90	58.3	58.2	58.1	58.0	57.9	57.8	57.7	57.6	57.5	57.4	56.5	55.6	54.7	53.8	52.8	51.9	51.0	50.1	49.2
100	58.3	53.4	50.1	48.5	48.2	48.5	48.8	49.4	50.0	50.5	51.4	52.1	52.9	53.6	54.2	54.8	55.3	55.7	56.1
110	58.3	50.3	48.3	48.9	50.1	51.4	52.8	54.5	56.1	57.8	59.3	61.0	62.6	63.9	65.3	66.5	67.4	68.1	68.6
120	58.3	48.8	48.9	50.5	52.5	55.0	57.7	60.5	63.4	66.6	70.3	74.2	77.9	81.5	84.4	87.0	89.1	90.8	92.0
130	58.3	48.3	49.8	52.2	55.4	59.1	63.2	68.0	73.3	78.8	83.6	88.0	92.0	95.5	98.4	101	102	104	104
140	58.3	48.5	50.6	53.9	58.1	63.3	69.2	75.8	82.1	87.6	93.1	98.1	102	106	109	111	112	112	112
150	58.3	48.7	51.3	55.4	60.8	67.2	74.4	81.6	88.2	94.5	101	106	112	117	121	123	125	126	126
160	58.3	48.8	51.8	56.6	62.9	70.1	77.8	85.3	92.6	99.3	106	113	119	125	130	132	133	133	133
170	58.3	48.9	52.1	57.3	64.2	71.8	79.8	87.3	94.7	102	109	115	122	127	131	135	137	137	136
180	58.3	48.9	52.2	57.5	64.5	72.1	79.9	87.4	94.9	102	109	115	120	126	131	135	138	141	141

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NAME:									TYPE:					WEIGHT:				
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MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--2

UNIT: cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	141	140	137	133	129	124	116	108	101	95.7	91.9	88.0	83.9	80.3	77.6	76.9	78.8	82.8	
-170	135	133	131	129	125	120	113	106	99.7	95.1	91.5	87.7	83.9	80.4	77.7	77.1	79.0	82.8	
-160	129	127	124	121	117	113	108	102	97.4	93.7	90.3	86.6	83.2	80.1	77.8	77.5	79.3	82.8	
-150	119	117	114	111	108	105	101	97.5	94.2	91.4	88.5	85.1	82.2	79.5	77.6	77.9	79.8	82.8	
-140	104	103	102	101	99.6	97.7	95.2	92.9	91.0	88.6	85.8	83.3	80.8	78.7	77.9	78.4	80.3	82.8	
-130	96.8	96.5	95.8	95.1	93.8	92.4	90.8	89.1	87.3	85.3	83.3	81.2	79.5	78.3	78.3	79.2	80.8	82.8	
-120	90.4	89.8	89.1	88.0	87.1	86.2	85.6	84.8	83.4	82.1	80.8	79.7	79.0	78.8	79.3	80.1	81.4	82.8	
-110	81.1	81.4	81.5	81.6	81.4	81.5	81.4	81.2	81.1	80.4	80.2	80.0	80.1	80.5	80.8	81.6	82.3	82.8	
-100	80.6	80.8	81.0	81.2	81.6	81.9	82.3	82.9	83.5	83.5	83.4	83.2	83.4	83.3	83.3	83.3	83.2	82.8	
-90	88.0	88.6	89.3	89.9	90.6	91.2	91.9	92.5	93.2	92.0	90.9	89.7	88.6	87.4	86.3	85.1	83.9	82.8	
-80	220	215	208	199	189	178	165	153	142	129	117	107	99.9	94.1	90.1	87.4	85.1	82.8	
-70	561	547	526	501	471	440	403	362	318	273	229	184	148	120	101	90.7	86.0	82.8	
-60	3817	3802	3706	3525	3217	2784	2091	1201	625	523	432	337	247	174	126	98.0	86.9	82.8	
-50	6919	6749	6557	6342	6077	5661	5315	4883	3735	2156	875	565	399	261	163	110	88.2	82.8	
-40	7871	7645	7406	7120	6770	6431	6055	5513	4698	3947	2674	1137	601	372	214	124	90.2	82.8	
-30	8060	7881	7647	7376	7074	6681	6203	5614	4997	4213	3388	2167	893	500	267	138	92.2	82.8	
-20	8164	8033	7845	7578	7225	6773	6266	5672	4987	4279	3415	2546	1302	624	318	151	93.6	82.8	
-10	8283	8194	7999	7733	7334	6819	6218	5575	4885	4078	3263	2440	1482	725	353	159	94.3	82.8	
0	8460	8327	8083	7729	7259	6665	5997	5282	4553	3714	2904	2128	1409	774	365	161	94.3	82.8	
10	8168	8018	7894	7630	7247	6754	6171	5533	4818	3976	3201	2403	1576	743	350	158	93.6	82.8	
20	8030	7875	7674	7415	7080	6666	6159	5593	4771	4077	3356	2501	1538	627	313	149	92.2	82.8	
30	7886	7694	7481	7189	6886	6527	6014	5261	4669	4051	3268	2376	1173	488	260	135	90.1	82.8	
40	7269	7132	6963	6768	6419	5940	5539	5075	4547	3764	2919	1668	613	358	206	119	87.4	82.8	
50	6653	6400	6110	5841	5629	5430	5192	4610	3869	2863	1506	575	378	248	154	105	84.7	82.8	
60	4747	4634	4450	4184	3915	3538	3079	2353	1233	538	397	310	229	161	117	91.1	82.8	82.8	
70	530	546	527	479	425	388	352	314	277	241	202	163	131	107	90.0	82.3	81.3	82.8	
80	184	180	174	166	156	146	134	122	109	99.3	90.6	83.6	79.1	76.5	76.1	77.6	80.0	82.8	
90	49.0	48.8	48.6	48.5	48.3	48.1	47.9	47.8	47.6	51.5	55.4	59.3	63.2	67.2	71.1	75.0	78.9	82.8	
100	56.1	56.0	55.8	55.4	55.0	54.6	54.1	53.5	53.1	55.3	57.7	60.4	63.4	66.6	70.1	74.1	78.4	82.8	
110	68.9	69.0	68.8	68.5	68.0	67.2	65.9	64.4	62.8	62.8	63.0	63.8	65.2	67.3	70.0	73.6	77.9	82.8	
120	90.7	88.9	86.9	84.7	82.3	79.9	77.4	75.3	73.8	72.2	70.6	69.0	68.4	68.9	70.6	73.4	77.6	82.8	
130	103	101	98.3	95.5	92.5	89.2	85.8	83.4	81.5	79.2	76.9	74.7	72.5	71.1	71.6	73.7	77.5	82.8	
140	111	109	106	103	99.7	95.9	92.6	90.1	87.4	84.7	82.0	79.0	76.3	73.8	72.9	74.1	77.6	82.8	
150	123	120	117	112	108	104	99.5	95.8	92.4	89.1	85.9	82.5	79.2	76.3	74.1	74.8	77.8	82.8	
160	131	127	124	120	117	112	107	101	96.4	92.4	88.8	85.1	81.4	78.1	75.6	75.5	78.0	82.8	
170	133	130	129	127	124	120	113	106	99.2	94.6	90.8	87.0	83.0	79.5	76.7	76.1	78.3	82.8	
180	141	140	137	133	129	124	116	108	101	95.7	91.9	88.0	83.9	80.3	77.6	76.9	78.8	82.8	

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: