

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	349.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-1.0 degrees horizontal

Beam Spread	At 10% of Imax	153.1V x 153.0H
	At 50% of Imax	113.5V x 114.3H
	At 90% of Imax	46.9V x 53.0H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	959.4 lumens per klm.
	To 50% of Imax	761.5 lumens per klm.
	To 90% of Imax	195.7 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

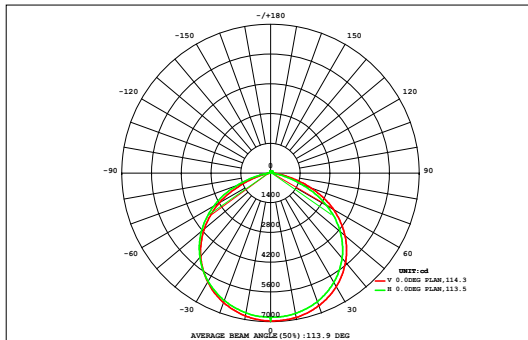
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.53V I:0.8687A P:187.74W PF:0.9889 Freq:50.47Hz Lamp Flux:19899.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:106.00lm/W	
MODEL		Imax (cd)	6959
NOMINAL POWER(W)	200	AVAILABILITY(%)	95.9
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	19087
NOMINAL FLUX(lm)	19899.5	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	19899
TEST VOLTAGE (V)	220	θ @50% (H,V)	114,113DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.13	0.46	0.91	1.50	2.21	2.97	3.62	4.03	4.12	3.93	3.55	2.98	2.38	1.83	1.37	0.99	0.62	0.22	37.8	0.00
90	0.13	0.46	0.91	1.50	2.21	2.97	3.62	4.03	4.12	3.93	3.55	2.98	2.38	1.83	1.37	0.99	0.62	0.22	37.8	0.00
80	0.17	0.95	2.96	6.71	12.0	18.0	23.5	27.6	29.3	28.3	24.6	19.1	13.0	7.47	3.60	1.60	0.71	0.22	220	143
70	0.24	1.98	7.43	17.4	31.0	45.5	58.7	68.0	72.4	71.0	64.1	52.4	37.8	23.0	10.9	3.55	0.97	0.23	567	546
60	0.33	3.50	13.4	30.8	52.3	73.8	92.2	105	112	110	102	86.5	66.2	43.3	22.2	7.60	1.45	0.25	923	913
50	0.44	5.27	19.9	43.4	70.6	97.0	120	136	143	142	133	115	90.0	62.2	34.3	12.7	2.28	0.27	1227	1220
40	0.56	7.00	25.7	53.8	85.1	116	141	160	168	167	157	137	109	77.0	44.9	17.7	3.31	0.29	1470	1465
30	0.67	8.50	30.3	61.6	96.2	130	158	177	187	186	175	153	123	88.1	52.7	22.0	4.27	0.30	1653	1649
	0.75	9.64	33.5	66.9	104	139	169	190	199	198	187	165	133	95.5	57.8	24.9	4.98	0.32	1778	1775
	0.80	10.3	35.3	69.8	108	145	176	197	207	206	194	171	137	99.1	60.2	26.3	5.33	0.32	1848	1845
	0.80	10.3	35.2	69.8	108	145	176	198	207	206	195	171	138	99.2	60.2	26.2	5.31	0.32	1850	1847
	0.75	9.60	33.4	66.9	104	140	170	191	200	199	188	165	133	95.7	57.8	24.8	4.94	0.32	1784	1780
-30	0.67	8.44	30.2	61.5	96.3	130	159	179	188	187	176	154	124	88.3	52.6	21.8	4.22	0.30	1661	1657
-40	0.56	6.93	25.5	53.5	85.1	116	142	161	170	169	158	138	109	77.0	44.6	17.5	3.24	0.29	1478	1473
-50	0.44	5.20	19.6	42.9	70.2	97.1	120	137	145	144	133	115	90.1	61.8	33.8	12.4	2.21	0.27	1230	1223
-60	0.34	3.44	13.2	30.2	51.4	73.0	91.7	105	112	110	102	86.0	65.4	42.5	21.6	7.31	1.39	0.25	916	906
-70	0.25	1.97	7.20	16.8	29.9	44.1	56.8	65.9	70.0	68.7	62.0	50.6	36.3	22.0	10.3	3.32	0.96	0.24	547	526
-80	0.18	1.00	2.95	6.43	11.3	16.7	21.8	25.3	26.6	25.5	22.3	17.3	11.7	6.76	3.33	1.60	0.76	0.23	202	120
-90	0.14	0.53	1.08	1.79	2.59	3.38	4.02	4.41	4.49	4.30	3.92	3.38	2.79	2.21	1.67	1.17	0.69	0.23	42.8	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	8.21	94.9	338	702	1120	1532	1882	2130	2244	2228	2080	1800	1422	993	574	233	47.6	4.88	19433	---
Φ a	0.00	71.4	319	683	1101	1513	1864	2111	2224	2209	2060	1780	1401	972	552	209	18.9	0.00	---	19087

one-half-peak spread: U:55.0,D:57.1 , L:58.8,R:56.0

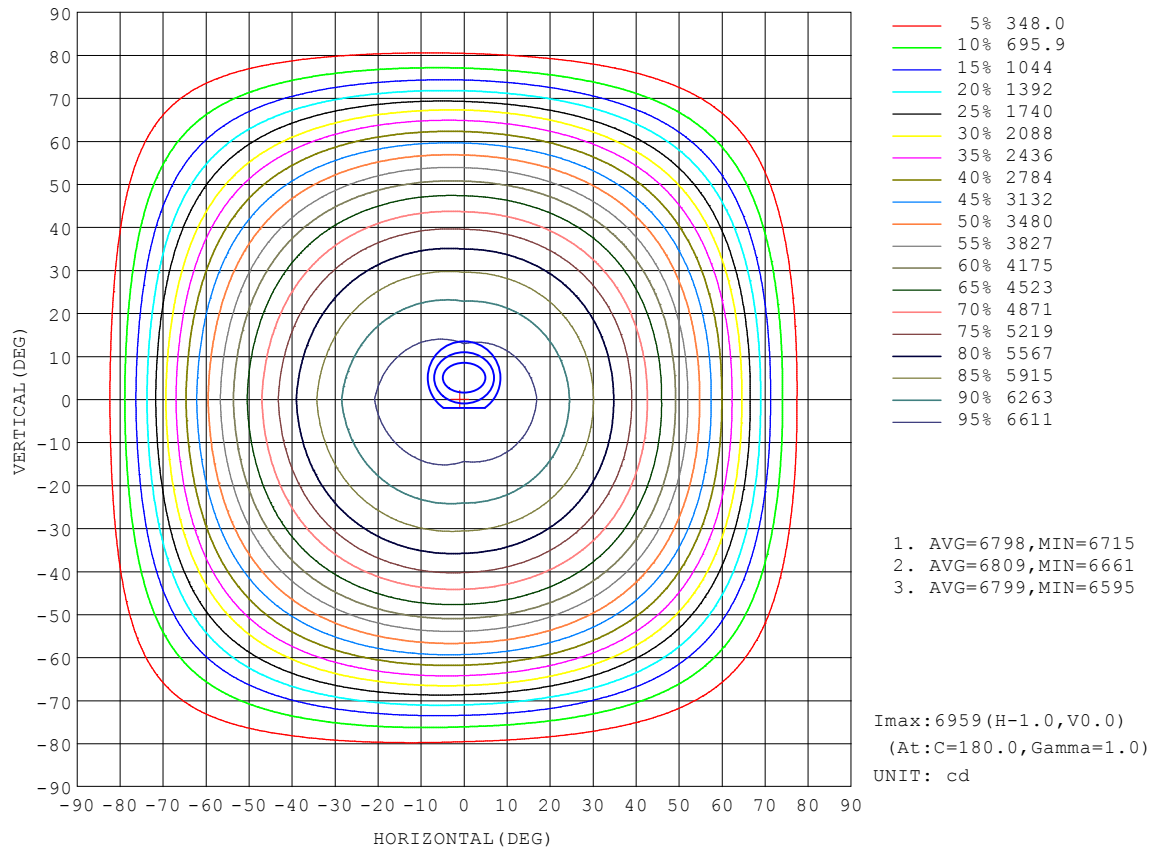
NEMA Beam Type: Type 7

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.53V I:0.8687A P:187.74W PF:0.9889 Freq:50.47Hz Lamp Flux:19899.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

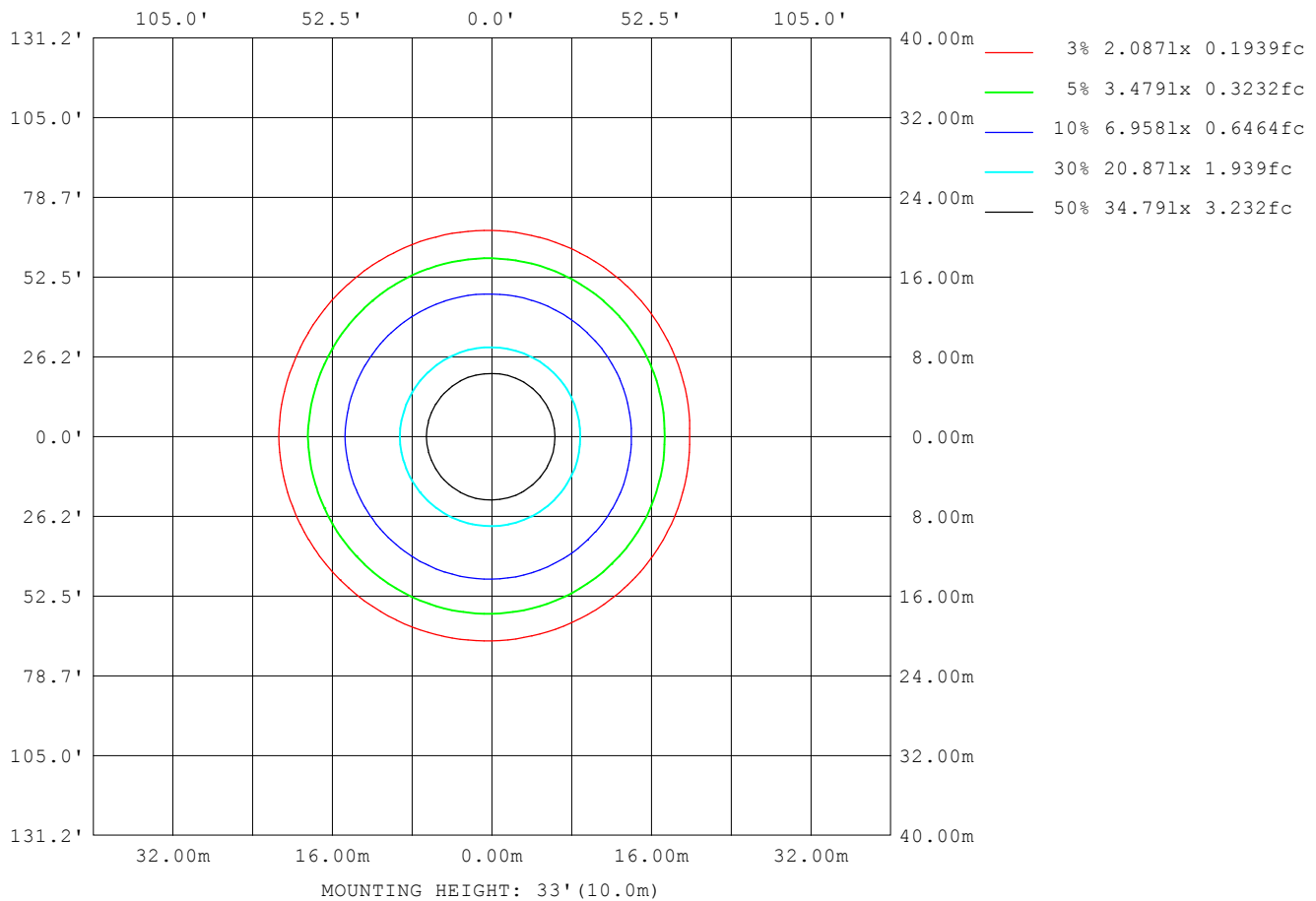


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Temperature: 25.3DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
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Test Distance: 7.200m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

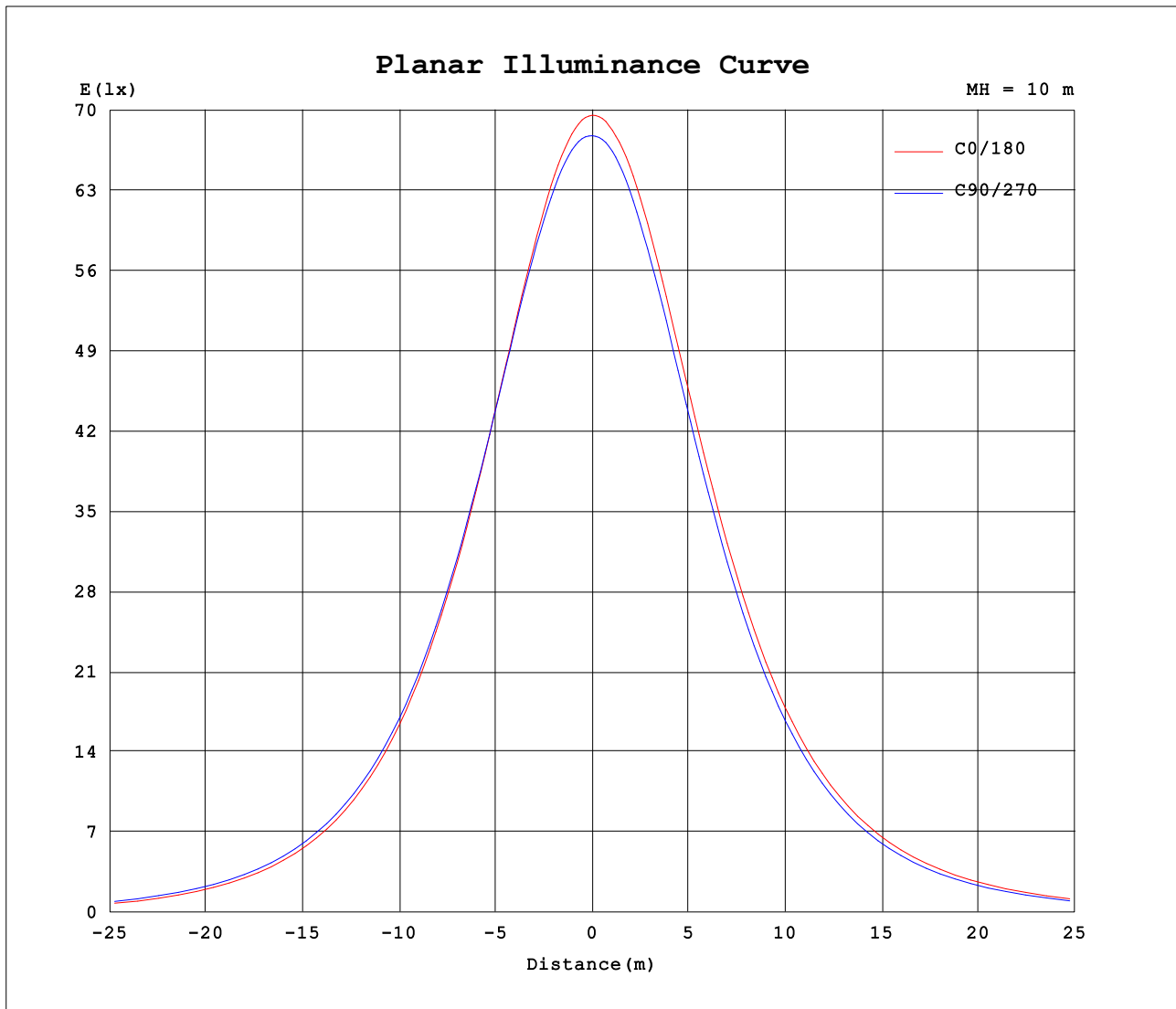
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks:

Planar Illuminance Curve

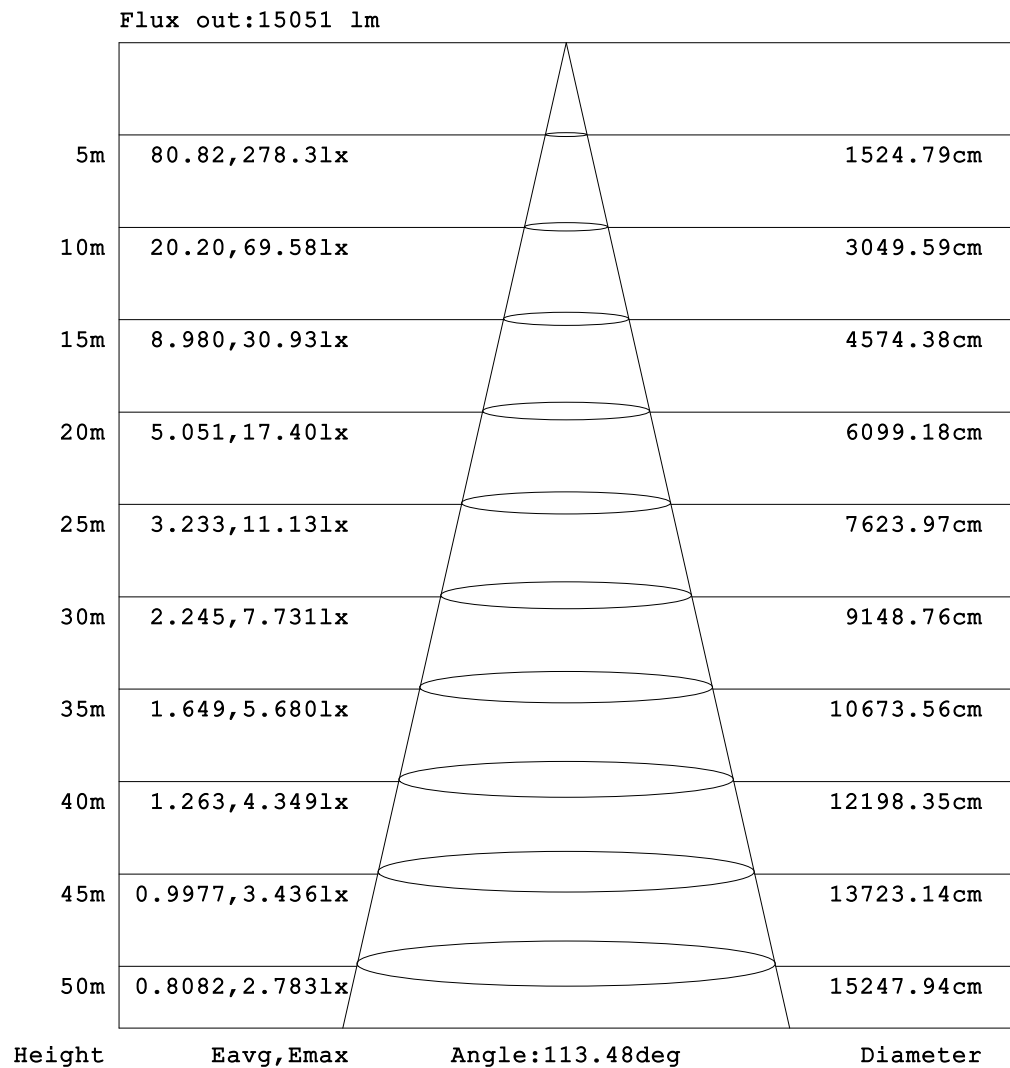


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.53V I:0.8687A P:187.74W PF:0.9889 Freq:50.47Hz Lamp Flux:19899.5x1 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:2025-10-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.200m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.53V I:0.8687A P:187.74W PF:0.9889 Freq:50.47Hz Lamp Flux:19899.5x1 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	46.1	27.0	30.7	35.3	40.3	45.4	50.4	55.3	60.1	65.0	70.0	75.5	81.3	87.4	93.8	99.8	105	110	113
-170	46.1	27.5	31.7	36.7	41.9	47.3	52.6	57.6	62.6	67.6	72.7	78.1	83.8	89.7	95.5	101	106	109	112
-160	46.1	28.0	32.3	37.6	42.9	48.4	53.7	58.9	63.8	68.7	73.6	78.5	83.6	88.7	93.6	98.2	102	106	108
-150	46.1	28.3	32.7	38.0	43.3	48.7	54.0	59.0	63.8	68.5	73.0	77.5	81.8	86.1	90.2	94.1	97.6	101	103
-140	46.1	29.0	32.8	38.0	43.2	48.4	53.4	58.3	62.9	67.3	71.5	75.5	79.4	83.1	86.6	89.9	93.0	95.8	98.4
-130	46.1	30.7	32.8	37.6	42.6	47.4	52.2	56.8	61.2	65.4	69.4	73.1	76.7	80.0	83.2	86.2	89.1	91.7	94.3
-120	46.1	34.8	32.7	36.9	41.5	46.1	50.5	54.8	58.9	62.9	66.7	70.3	73.7	77.0	80.1	83.1	85.9	88.6	91.3
-110	46.1	39.6	33.9	36.3	40.2	44.3	48.4	52.4	56.3	60.1	63.7	67.2	70.6	73.9	77.1	80.2	83.2	86.1	89.1
-100	46.1	43.8	42.3	40.6	40.5	42.8	46.4	49.9	53.5	57.0	60.5	63.9	67.4	70.7	74.1	77.3	80.6	83.8	87.0
-90	46.1	48.3	50.5	52.7	54.9	57.1	59.3	61.5	63.7	65.9	68.1	70.3	72.5	74.7	76.9	79.1	81.3	83.6	85.8
-80	46.1	55.7	69.2	86.1	105	127	150	179	204	227	259	283	301	313	327	333	332	326	313
-70	46.1	67.3	106	164	246	357	480	612	764	905	1034	1162	1282	1382	1464	1520	1552	1561	1547
-60	46.1	82.5	162	307	511	754	1034	1316	1631	1892	2139	2383	2573	2735	2859	2955	3017	3045	3039
-50	46.1	100.0	244	499	849	1236	1693	2089	2500	2857	3174	3447	3689	3885	4040	4160	4240	4279	4277
-40	46.1	118	337	703	1181	1752	2263	2781	3235	3637	3996	4309	4578	4799	4976	5109	5197	5240	5241
-30	46.1	138	424	917	1498	2140	2759	3310	3802	4241	4633	4969	5259	5495	5682	5821	5911	5952	5949
-20	46.1	154	501	1074	1778	2456	3110	3690	4210	4679	5089	5444	5744	5990	6180	6318	6408	6449	6441
-10	46.1	164	556	1169	1934	2657	3333	3927	4467	4950	5373	5740	6048	6298	6494	6637	6721	6743	6709
0	46.1	168	579	1208	1997	2735	3420	4022	4571	5058	5490	5863	6180	6435	6642	6799	6903	6946	6958
10	46.1	164	557	1171	1938	2662	3336	3926	4464	4945	5365	5730	6036	6284	6478	6618	6700	6724	6687
20	46.1	153	503	1079	1787	2467	3118	3693	4208	4672	5077	5427	5723	5965	6151	6283	6368	6403	6384
30	46.1	137	427	925	1509	2154	2773	3319	3802	4236	4621	4951	5233	5463	5646	5781	5861	5897	5888
40	46.1	117	339	713	1195	1773	2289	2801	3249	3644	3993	4299	4559	4774	4943	5067	5148	5185	5180
50	46.1	97.9	244	507	865	1260	1723	2120	2533	2883	3195	3461	3689	3880	4033	4146	4219	4254	4250
60	46.1	80.2	159	310	524	776	1062	1350	1676	1932	2198	2434	2622	2778	2906	3000	3056	3081	3074
70	46.1	64.6	101	160	249	367	500	642	803	951	1086	1226	1341	1457	1549	1609	1641	1651	1640
80	46.1	52.9	63.6	78.0	95.3	116	140	174	206	236	272	303	330	352	372	385	390	389	381
90	46.1	45.2	44.3	43.4	42.6	41.7	40.8	39.9	39.0	38.1	37.3	36.4	35.5	34.6	33.7	32.9	32.0	31.1	30.2
100	46.1	40.5	35.7	30.7	27.5	26.7	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.5	30.9	31.2	31.4	31.6	31.7
110	46.1	36.5	27.7	27.1	28.2	29.5	30.9	32.3	33.7	35.0	36.2	37.3	38.3	39.2	40.0	40.6	41.1	41.4	41.5
120	46.1	31.9	27.0	28.6	30.8	33.0	35.2	37.3	39.5	41.5	43.5	45.2	46.7	48.1	49.2	50.0	50.7	51.1	51.2
130	46.1	28.2	27.9	30.5	33.4	36.3	39.3	42.3	45.2	47.9	50.3	52.6	54.5	56.2	57.6	58.8	59.6	60.1	60.3
140	46.1	26.8	28.8	32.1	35.7	39.4	43.1	46.8	50.2	53.4	56.4	59.1	61.7	64.0	65.9	67.6	68.8	69.5	69.7
150	46.1	26.6	29.6	33.5	37.6	41.9	46.2	50.4	54.3	58.1	61.7	65.2	68.5	71.6	74.5	77.0	78.8	80.0	80.3
160	46.1	26.8	30.2	34.6	39.1	43.9	48.6	53.1	57.5	61.8	66.0	70.3	74.7	79.0	83.2	86.9	89.8	91.5	91.9
170	46.1	27.0	30.6	35.2	40.0	45.0	50.0	54.8	59.5	64.2	68.9	74.0	79.4	84.9	90.4	95.5	99.6	102	102
180	46.1	27.0	30.7	35.3	40.3	45.4	50.4	55.3	60.1	65.0	70.0	75.5	81.3	87.4	93.8	99.8	105	110	110

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NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
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	112	112	111	109	107	105	102	100.0	97.8	95.8	94.1	92.7	91.5	90.5	89.6	88.6	87.6	86.7	
-170	112	111	110	108	106	104	102	99.3	97.3	95.4	93.8	92.5	91.4	90.4	89.5	88.6	87.5	86.7	
-160	108	108	107	105	103	102	99.7	97.8	96.1	94.5	93.2	92.0	91.0	90.2	89.3	88.4	87.5	86.7	
-150	103	103	102	101	99.9	98.6	97.2	95.9	94.6	93.4	92.3	91.4	90.6	89.8	89.1	88.3	87.4	86.7	
-140	98.4	98.2	97.8	97.1	96.4	95.6	94.7	93.8	92.9	92.1	91.4	90.7	90.0	89.4	88.7	88.0	87.3	86.7	
-130	94.3	94.3	94.1	93.8	93.4	92.9	92.4	91.9	91.4	90.9	90.4	89.9	89.4	88.9	88.3	87.7	87.2	86.7	
-120	91.4	91.4	91.3	91.2	91.0	90.8	90.5	90.3	90.0	89.7	89.4	89.0	88.7	88.3	87.9	87.4	87.0	86.7	
-110	89.1	89.2	89.2	89.2	89.1	89.1	88.9	88.8	88.7	88.5	88.3	88.1	87.8	87.6	87.3	87.1	86.9	86.7	
-100	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.1	87.1	87.0	87.0	86.9	86.9	86.8	86.7	86.7	
-90	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.7	86.7	
-80	303	289	270	248	223	201	179	158	138	125	115	106	98.3	92.8	89.6	88.0	86.9	86.7	
-70	1516	1462	1383	1282	1161	1039	894	741	587	447	317	216	156	122	105	91.1	87.6	86.7	
-60	3004	2933	2829	2689	2514	2307	2055	1764	1480	1168	880	598	365	201	130	103	88.1	86.7	
-50	4242	4167	4048	3887	3688	3447	3157	2828	2448	2026	1570	1126	731	393	182	115	89.3	86.7	
-40	5209	5133	5009	4838	4618	4355	4039	3668	3255	2787	2264	1671	1120	642	281	128	91.9	86.7	
-30	5923	5852	5728	5555	5330	5049	4709	4318	3865	3363	2800	2176	1495	885	395	146	95.8	86.7	
-20	6424	6356	6235	6059	5825	5534	5189	4772	4302	3763	3177	2523	1764	1068	497	166	99.3	86.7	
-10	6719	6665	6548	6370	6130	5825	5464	5044	4549	4006	3391	2721	1959	1200	564	179	101	86.7	
0	6921	6832	6679	6486	6237	5922	5550	5127	4626	4076	3449	2772	2021	1239	582	181	102	86.7	
10	6700	6644	6529	6353	6116	5813	5455	5036	4545	4004	3391	2724	1964	1204	567	180	101	86.7	
20	6378	6316	6200	6030	5800	5514	5171	4760	4294	3761	3180	2530	1775	1076	503	168	98.7	86.7	
30	5868	5802	5687	5518	5298	5022	4691	4306	3861	3363	2808	2190	1509	895	403	149	94.7	86.7	
40	5154	5083	4967	4805	4593	4336	4028	3664	3261	2801	2283	1698	1141	656	290	130	90.3	86.7	
50	4218	4146	4034	3879	3683	3447	3171	2849	2474	2058	1601	1156	754	409	190	115	87.3	86.7	
60	3039	2973	2874	2736	2557	2356	2106	1824	1520	1213	913	626	388	213	133	100	85.7	86.7	
70	1606	1550	1472	1368	1236	1098	957	793	634	486	347	237	165	124	101	86.2	84.9	86.7	
80	367	347	322	294	261	230	199	171	147	127	110	96.6	87.2	82.6	81.5	82.4	84.1	86.7	
90	33.3	36.5	39.6	42.8	45.9	49.0	52.2	55.3	58.5	61.6	64.7	67.9	71.0	74.2	77.3	80.4	83.6	86.7	
100	34.9	38.0	41.0	44.1	47.0	50.0	52.9	55.8	58.8	61.7	64.7	67.8	70.8	73.9	77.1	80.2	83.5	86.7	
110	44.3	47.0	49.6	52.0	54.4	56.8	59.0	61.3	63.5	65.8	68.2	70.5	73.0	75.5	78.1	80.9	83.7	86.7	
120	53.8	56.1	58.3	60.2	62.1	63.8	65.4	67.1	68.7	70.3	72.0	73.7	75.6	77.5	79.6	81.8	84.1	86.7	
130	62.7	64.8	66.6	68.2	69.6	70.8	71.9	72.9	73.9	74.8	75.9	77.0	78.3	79.7	81.2	82.8	84.6	86.7	
140	72.1	74.0	75.4	76.5	77.3	77.9	78.3	78.7	79.0	79.4	79.8	80.4	81.1	81.9	82.8	83.9	85.2	86.7	
150	82.6	84.1	85.0	85.4	85.4	85.2	84.9	84.5	84.2	83.9	83.7	83.7	83.8	84.1	84.6	85.1	85.7	86.7	
160	94.1	95.1	95.2	94.7	93.7	92.6	91.4	90.3	89.2	88.2	87.5	86.9	86.5	86.3	86.3	86.3	86.4	86.7	
170	105	105	104	103	101	99.4	97.4	95.5	93.8	92.2	90.9	89.9	89.1	88.5	88.0	87.5	87.0	86.7	
180	112	112	111	109	107	105	102	100.0	97.8	95.8	94.1	92.7	91.5	90.5	89.6	88.6	87.6	86.7	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-10-28

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: