

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

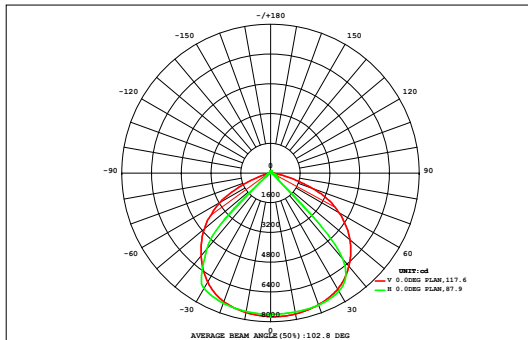
Maximum Intensity		442.2 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		-2.0 degrees horizontal
Beam Spread	At 10% of Imax	97.1V x 149.3H
	At 50% of Imax	88.0V x 117.6H
	At 90% of Imax	67.7V x 62.1H
Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	940.0 lumens per klm.
	To 50% of Imax	855.3 lumens per klm.
	To 90% of Imax	455.7 lumens per klm.
	Upward LOR	2.3 %
	Downward LOR	97.7 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

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:218.52V I:0.4843A P:102.55W PF:0.9689 Freq:49.99Hz Lamp Flux:17481.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:170.47lm/W	
MODEL		Imax (cd)	7730
NOMINAL POWER(W)	100	AVAILABILITY(%)	94.1
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	16449
NOMINAL FLUX(lm)	17481.8	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	17482
TEST VOLTAGE (V)	220	θ @50% (H,V)	118,88DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.11	0.32	0.55	0.75	0.85	0.98	1.10	1.17	1.17	1.14	1.09	0.99	0.86	0.74	0.70	0.61	0.42	0.16	13.7	0.00
90	0.11	0.32	0.55	0.75	0.85	0.98	1.10	1.17	1.17	1.14	1.09	0.99	0.86	0.74	0.70	0.61	0.42	0.16	13.7	0.00
80	0.12	0.54	1.41	2.32	2.14	2.32	2.79	3.09	3.18	3.08	2.83	2.39	1.86	1.37	1.06	0.74	0.46	0.16	31.8	0.00
70	0.15	1.14	3.85	6.62	5.36	4.36	5.36	6.06	6.34	6.23	5.75	4.88	3.75	3.27	2.59	1.21	0.53	0.17	67.6	0.00
60	0.21	2.23	8.15	14.5	12.6	6.87	9.84	15.6	14.3	12.0	11.2	8.05	6.12	8.37	6.89	2.69	0.69	0.17	140	29.8
50	0.28	3.77	14.3	25.3	24.7	35.9	81.5	104	104	101	94.0	62.5	21.5	18.7	15.1	5.70	1.04	0.18	714	676
40	0.37	5.60	21.7	37.3	56.2	122	168	188	195	193	182	158	102	40.2	26.3	10.3	1.61	0.19	1509	1501
30	0.46	7.54	29.1	51.4	99.7	158	194	213	222	220	208	185	145	79.9	38.7	15.9	2.33	0.20	1871	1865
20	0.54	9.31	36.0	67.9	122	169	201	220	228	226	214	192	156	104	52.2	21.4	3.06	0.21	2023	2018
10	0.59	10.7	41.9	81.4	130	172	203	223	232	229	219	196	158	112	64.2	26.0	3.61	0.22	2103	2099
0	0.59	10.7	42.0	81.3	131	173	203	223	230	231	220	197	159	112	63.9	26.0	3.62	0.22	2107	2102
-10	0.54	9.36	36.2	67.5	125	171	201	219	229	229	218	195	158	103	52.0	21.6	3.09	0.22	2038	2033
-20	0.46	7.61	29.4	51.8	103	163	196	215	225	225	213	190	148	74.4	39.3	16.1	2.38	0.21	1901	1895
-30	0.37	5.68	22.0	38.2	55.0	133	176	198	209	208	193	163	94.6	37.3	27.1	10.6	1.66	0.20	1572	1564
-40	0.29	3.85	14.7	26.2	26.3	34.1	84.6	104	98.4	93.1	84.1	50.5	17.1	20.3	15.9	5.97	1.09	0.19	681	636
-50	0.21	2.31	8.48	15.4	14.3	9.33	11.8	16.5	16.4	13.6	12.6	10.6	8.40	9.85	7.58	2.91	0.75	0.18	161	29.9
-60	0.16	1.21	4.10	7.30	6.71	6.19	7.46	8.31	8.60	8.44	7.86	6.74	5.27	4.28	3.05	1.39	0.59	0.17	87.8	0.00
-70	0.13	0.61	1.60	2.75	2.93	3.35	3.90	4.18	4.16	4.01	3.76	3.26	2.59	1.93	1.38	0.89	0.51	0.17	42.1	0.00
-80	0.11	0.38	0.71	1.07	1.36	1.57	1.72	1.78	1.75	1.70	1.64	1.52	1.35	1.15	0.96	0.74	0.47	0.16	20.1	0.00
-90	0.11	0.38	0.71	1.07	1.36	1.57	1.72	1.78	1.75	1.70	1.64	1.52	1.35	1.15	0.96	0.74	0.47	0.16	20.1	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	5.70	82.8	316	579	918	1366	1753	1964	2029	2005	1892	1626	1191	733	419	171	27.9	3.40	17083	---
Φ a	0.00	55.6	291	550	879	1319	1708	1920	1980	1955	1845	1580	1144	694	387	139	2.36	0.00	---	16449

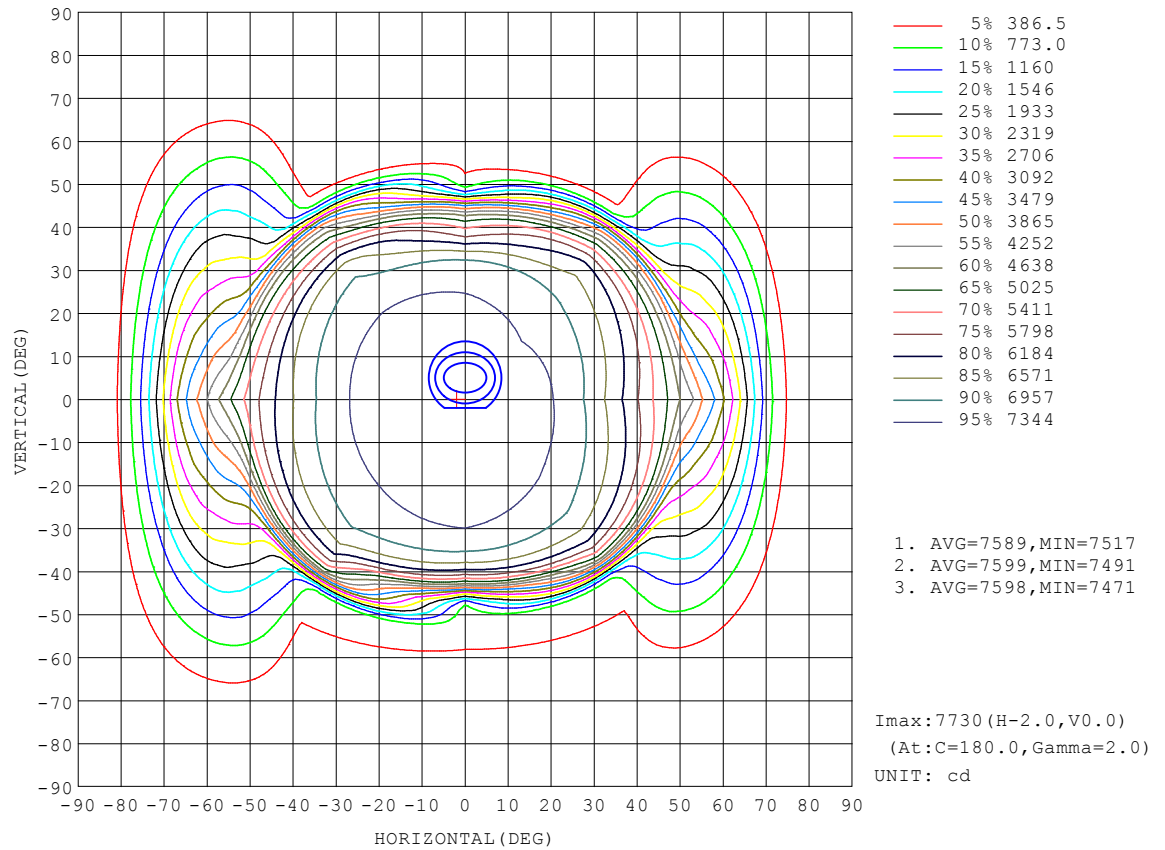
one-half-peak spread: U:33.7,D:44.3 , L:60.7,R:57.5 NEMA Beam Type: Type 7 x 5 (H x V)

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:218.52V I:0.4843A P:102.55W PF:0.9689 Freq:49.99Hz Lamp Flux:17481.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

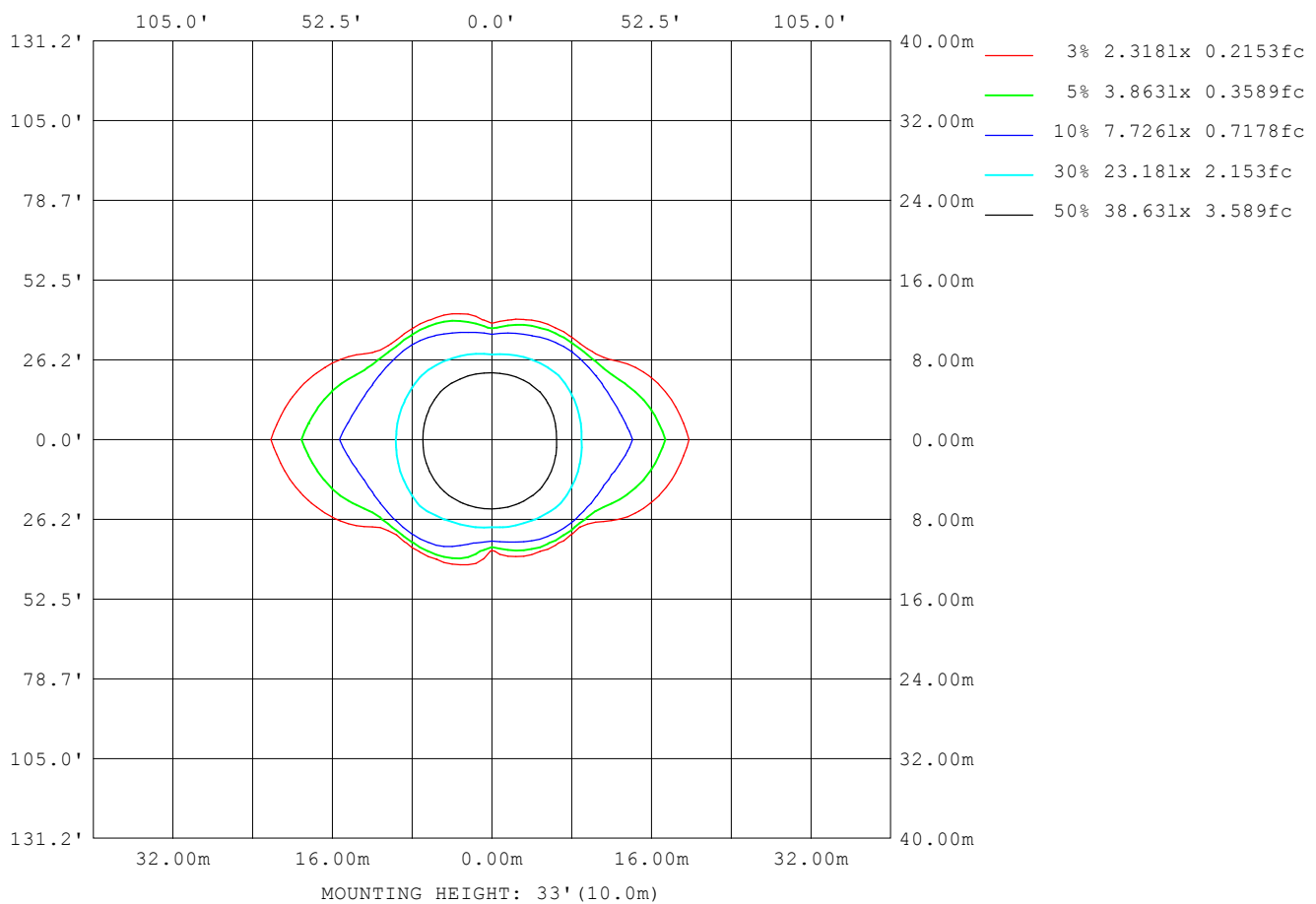


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ISOLUX DIAGRAM

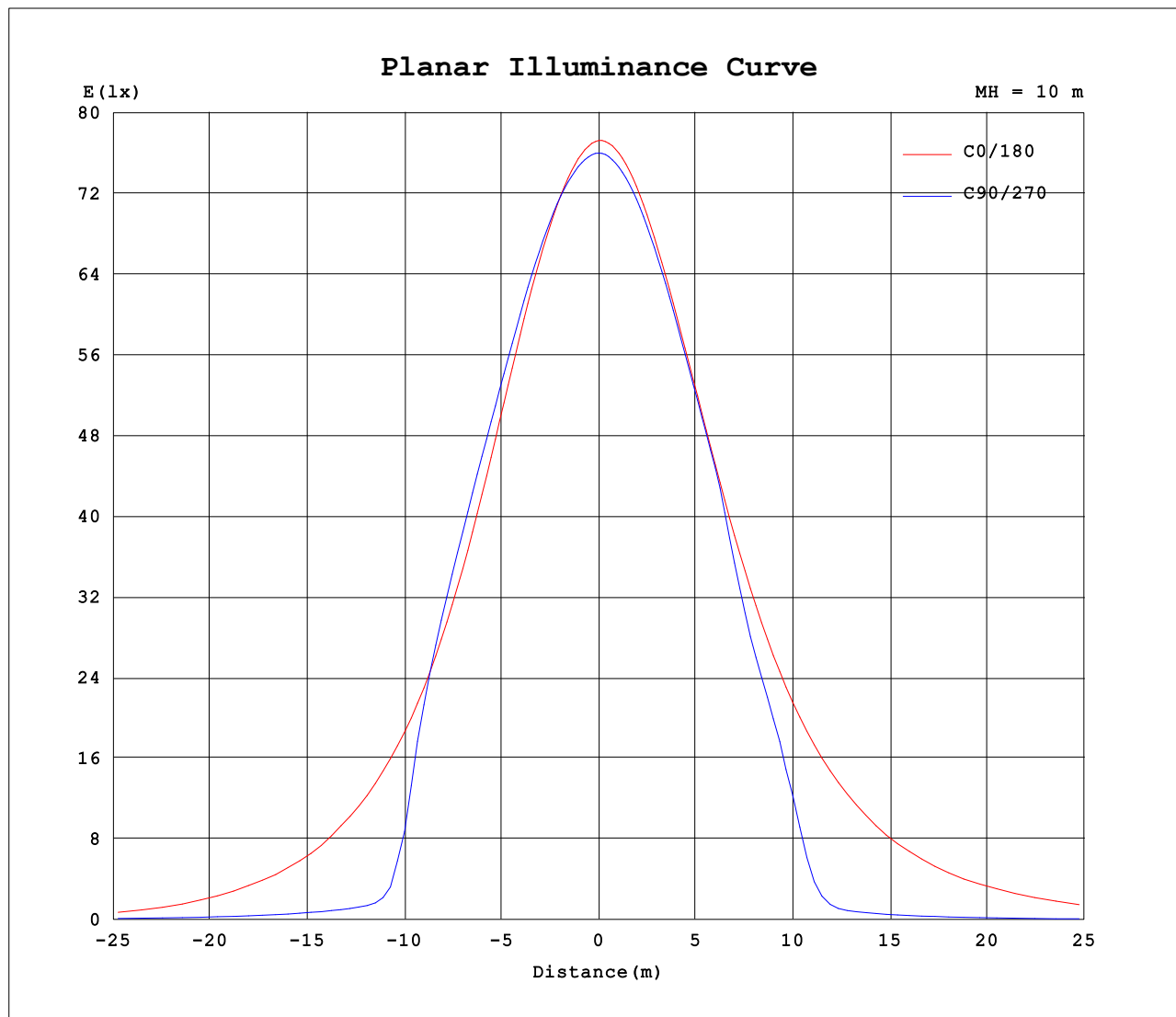
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Remarks:

Planar Illuminance Curve

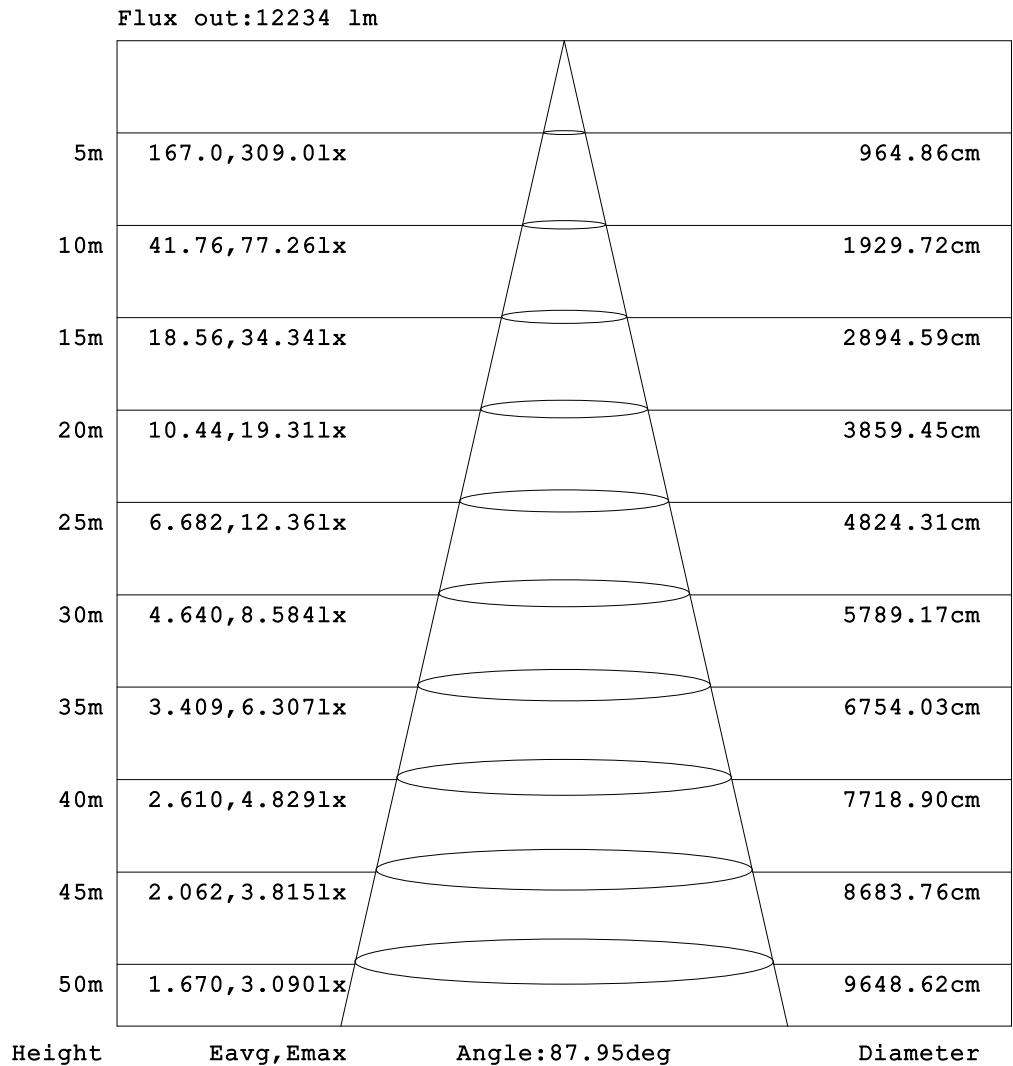


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Remarks:

AAI Figure

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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.

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 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
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.52V I:0.4843A P:102.55W PF:0.9689 Freq:49.99Hz Lamp Flux:17481.8x1 lm									
NAME:					TYPE:				
SPEC.:					DIM.:				
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	39.1	35.0	37.6	42.1	47.5	53.6	60.0	66.5	72.6	78.5	84.6	91.4	98.1	105	110	115	118	121	122
-170	39.1	35.2	37.7	41.9	47.0	52.5	58.2	64.0	69.3	74.3	79.6	85.3	91.1	96.4	101	104	106	110	112
-160	39.1	35.3	37.6	41.3	45.8	50.5	55.4	60.3	64.8	68.8	72.5	76.8	81.0	85.1	88.3	92.8	96.7	99.5	101
-150	39.1	35.4	37.4	40.5	44.2	48.1	52.0	55.8	59.4	62.5	65.0	67.1	69.7	72.9	77.8	82.3	85.8	88.4	90.0
-140	39.1	35.5	37.1	39.6	42.5	45.5	48.4	51.1	53.7	55.9	57.8	59.1	60.8	63.2	65.9	68.6	71.2	73.2	74.5
-130	39.1	35.6	36.9	38.7	40.8	43.0	45.0	46.8	48.4	49.8	50.8	52.0	53.8	55.5	57.0	58.3	59.3	60.0	60.3
-120	39.1	36.1	36.9	38.1	39.5	40.9	42.3	43.5	44.5	45.2	45.6	46.2	46.8	47.6	48.3	48.9	49.3	49.6	49.6
-110	39.1	36.9	37.1	38.1	39.0	39.9	40.7	41.4	42.1	42.6	42.4	42.0	41.6	41.3	41.0	40.8	40.4	39.9	39.4
-100	39.1	38.1	38.3	38.9	39.7	40.6	41.5	42.2	42.8	43.4	42.4	41.4	40.4	39.4	38.4	37.5	36.5	35.6	34.7
-90	39.1	40.3	41.5	42.8	44.0	45.2	46.4	47.7	48.9	50.1	49.3	48.4	47.6	46.7	45.9	45.0	44.2	43.4	42.5
-80	39.1	43.5	49.2	56.1	64.4	73.7	82.8	88.5	89.5	84.1	85.7	87.7	89.1	89.8	90.0	89.2	87.6	85.2	82.2
-70	39.1	48.4	65.9	99.7	144	195	239	262	251	201	179	188	196	201	205	207	206	203	198
-60	39.1	55.0	102	193	324	460	573	628	601	471	291	310	325	340	351	358	363	363	360
-50	39.1	63.5	157	349	601	869	1097	1203	1145	933	611	434	473	620	1111	1544	1485	1098	535
-40	39.1	74.0	228	545	962	1412	1759	1872	1788	1600	1491	3564	5113	5251	5499	5853	6057	6113	6051
-30	39.1	87.4	314	755	1373	2007	2419	2574	2605	3525	5534	6306	6738	6969	7083	7186	7265	7316	7341
-20	39.1	99.4	391	971	1781	2585	3040	3378	3952	5634	6342	6770	7048	7230	7346	7420	7480	7524	7556
-10	39.1	107	447	1144	2133	3063	3682	4183	5194	6046	6556	6921	7183	7357	7463	7523	7532	7565	7588
0	39.1	110	476	1249	2375	3447	4242	4937	5572	6098	6557	6931	7213	7404	7535	7634	7698	7729	7726
10	39.1	107	446	1141	2127	3053	3669	4182	5170	5904	6511	6900	7169	7354	7477	7555	7595	7595	7560
20	39.1	98.4	389	965	1770	2567	3015	3346	4092	5337	6105	6710	7005	7198	7330	7405	7445	7457	7446
30	39.1	85.9	310	746	1358	1983	2384	2530	2570	3701	5055	5866	6542	6852	6910	7021	7133	7169	7163
40	39.1	72.3	224	537	945	1385	1719	1820	1724	1524	1850	3596	4488	4922	5325	5576	5634	5543	5353
50	39.1	61.5	152	341	584	842	1059	1152	1077	849	515	326	397	809	1292	1571	1426	1062	578
60	39.1	52.8	96.8	185	311	439	541	584	543	398	204	220	235	246	258	265	269	269	267
70	39.1	46.0	60.8	91.4	133	179	217	232	211	150	122	131	139	145	150	153	154	154	152
80	39.1	41.1	44.3	48.4	53.7	59.8	65.5	67.8	65.2	56.0	57.4	59.7	61.5	62.6	63.3	63.4	62.9	61.8	60.3
90	39.1	38.0	36.8	35.7	34.5	33.4	32.3	31.1	30.0	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1
100	39.1	35.9	33.9	32.7	32.0	31.6	31.3	31.1	31.0	30.9	31.2	31.4	31.7	31.9	32.1	32.2	32.3	32.3	32.3
110	39.1	34.8	33.4	33.3	33.5	34.0	34.6	35.3	36.0	36.6	37.4	38.4	39.4	40.2	40.9	41.5	42.0	42.3	42.4
120	39.1	34.3	33.9	34.6	35.8	37.2	38.7	40.3	41.7	43.0	44.2	45.8	47.3	48.5	49.6	50.4	51.0	51.3	51.5
130	39.1	34.1	34.7	36.2	38.3	40.7	43.2	45.6	47.8	49.7	51.2	52.8	54.6	56.3	57.9	59.3	60.6	61.7	62.1
140	39.1	34.3	35.4	37.8	40.9	44.3	47.7	51.0	53.9	56.4	58.4	60.6	63.7	67.7	71.8	75.4	78.2	80.4	82.0
150	39.1	34.5	36.2	39.3	43.3	47.5	51.8	56.0	59.8	63.2	66.9	70.5	73.8	77.3	81.8	85.6	88.2	89.9	90.7
160	39.1	34.7	36.9	40.6	45.3	50.3	55.5	60.5	65.1	69.9	74.7	79.3	83.9	88.3	92.4	96.9	101	103	103
170	39.1	34.9	37.4	41.6	46.7	52.4	58.3	64.1	69.6	75.2	80.7	86.6	92.6	98.4	104	109	114	117	119
180	39.1	35.0	37.6	42.1	47.5	53.6	60.0	66.5	72.6	78.5	84.6	91.4	98.1	105	110	115	118	121	121

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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	121	119	116	111	107	101	96.2	89.8	82.2	75.6	70.0	65.8	62.3	59.3	57.1	56.5	58.4	63.5	
-170	115	115	112	108	104	99.2	94.5	88.5	81.8	75.4	69.6	65.1	61.5	58.5	56.5	56.1	58.2	63.5	
-160	103	104	103	102	98.2	94.7	90.5	85.2	79.4	73.1	67.7	63.5	60.1	57.4	55.7	55.8	58.1	63.5	
-150	91.7	92.4	92.5	91.9	91.3	89.1	85.2	80.4	74.6	69.0	64.6	61.0	58.2	56.1	54.9	55.5	58.1	63.5	
-140	76.7	78.2	79.3	80.1	80.6	80.3	77.4	72.3	67.7	63.8	60.6	58.0	55.9	54.6	54.2	55.3	58.2	63.5	
-130	62.9	64.9	66.3	67.0	67.0	66.4	65.2	63.0	60.3	58.1	56.2	54.6	53.6	53.1	53.6	55.4	58.5	63.5	
-120	51.2	52.6	53.6	54.2	54.6	54.7	54.6	54.4	53.5	52.6	51.9	51.5	51.5	52.1	53.5	55.7	59.0	63.5	
-110	40.9	42.2	43.3	44.4	45.2	46.0	46.7	47.3	47.7	48.0	48.6	49.4	50.5	52.1	54.0	56.6	59.8	63.5	
-100	35.9	37.2	38.4	39.6	40.7	41.8	42.8	43.8	44.8	46.2	47.7	49.4	51.3	53.3	55.6	58.0	60.7	63.5	
-90	43.1	43.7	44.2	44.8	45.4	46.0	46.5	47.1	47.7	49.5	51.2	53.0	54.7	56.5	58.2	60.0	61.7	63.5	
-80	81.8	80.8	79.2	77.2	74.6	71.9	68.9	65.8	62.9	62.2	61.5	61.1	61.1	61.5	62.0	62.5	63.0	63.5	
-70	198	196	191	184	175	164	151	137	127	121	106	90.8	79.7	72.4	67.8	65.5	64.3	63.5	
-60	358	353	344	332	316	296	272	247	304	314	273	207	144	98.3	78.8	69.6	65.8	63.5	
-50	694	721	618	507	461	428	390	512	694	731	642	481	308	171	98.8	75.7	67.3	63.5	
-40	6051	5923	5617	5091	4498	3228	1157	1081	1280	1355	1246	945	594	309	140	83.0	68.7	63.5	
-30	7289	7206	7084	6918	6699	6289	5553	3873	2151	2065	1927	1548	984	502	198	91.7	70.3	63.5	
-20	7513	7453	7366	7242	7024	6713	6270	5620	4293	2957	2627	2160	1424	712	270	101	71.7	63.5	
-10	7573	7531	7468	7344	7135	6827	6417	5889	5189	3944	3296	2712	1811	903	331	109	72.7	63.5	
0	7681	7611	7515	7364	7120	6773	6334	5820	5266	4645	3902	3138	2078	1019	362	112	73.2	63.5	
10	7502	7427	7379	7267	7065	6762	6360	5846	5138	4147	3281	2700	1803	899	329	108	72.3	63.5	
20	7394	7320	7220	7086	6882	6588	6173	5482	4525	3074	2596	2136	1409	703	266	99.4	70.9	63.5	
30	7111	7015	6838	6649	6497	6125	5335	4272	2537	2011	1885	1517	964	491	193	89.0	69.1	63.5	
40	5475	5504	5383	5049	4521	3799	2135	1088	1203	1295	1199	912	572	297	134	79.7	67.3	63.5	
50	885	1020	958	653	414	322	289	422	617	674	599	451	289	161	92.3	71.9	65.6	63.5	
60	265	261	253	242	228	213	195	175	245	268	240	185	130	88.4	72.1	65.6	64.0	63.5	
70	150	147	142	136	127	119	109	97.8	94.8	95.4	86.2	74.8	67.1	63.0	61.2	61.4	62.4	63.5	
80	59.5	58.2	56.4	54.2	51.5	48.8	45.8	42.8	40.4	42.8	45.1	47.4	50.1	52.8	55.7	58.5	61.1	63.5	
90	26.7	27.4	28.0	28.7	29.3	29.9	30.6	31.2	31.9	35.4	38.9	42.4	45.9	49.4	53.0	56.5	60.0	63.5	
100	33.1	33.8	34.5	35.1	35.6	36.1	36.5	36.9	37.3	39.1	41.0	43.2	45.7	48.4	51.5	55.1	59.1	63.5	
110	43.3	44.0	44.6	45.0	45.1	45.1	44.9	44.6	44.4	44.6	45.1	45.9	47.1	48.8	51.1	54.3	58.4	63.5	
120	53.2	54.6	55.6	56.1	56.2	55.9	55.1	53.9	52.4	51.1	50.1	49.5	49.4	50.0	51.5	53.9	57.9	63.5	
130	64.2	65.6	66.7	67.6	68.4	68.6	67.8	64.9	61.2	58.2	55.6	53.6	52.3	51.7	52.2	54.0	57.6	63.5	
140	83.0	83.5	83.4	82.7	81.5	79.7	76.9	73.4	69.6	65.1	61.0	57.7	55.2	53.7	53.2	54.3	57.4	63.5	
150	92.1	92.7	92.5	91.8	90.7	88.4	84.6	79.7	74.6	70.3	65.5	61.2	57.9	55.5	54.2	54.8	57.5	63.5	
160	104	104	103	101	97.4	94.0	90.1	84.9	79.0	73.3	68.5	63.9	60.0	57.1	55.3	55.3	57.7	63.5	
170	117	114	112	108	103	98.8	94.2	88.3	81.6	75.2	69.9	65.4	61.5	58.4	56.3	55.9	58.0	63.5	
180	121	119	116	111	107	101	96.2	89.8	82.2	75.6	70.0	65.8	62.3	59.3	57.1	56.5	58.4	63.5	

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: